STUDER
professional audio equipment

Digital Audio Processing

for D950

1. Control System
2. DSP Core
3. PE / PEAES Board
4. MADI / MEMNET Board
5. D19m Frames
6. D19m Input Interface Cards
7. D19m Output Interface Cards
8. D19m Connection Units

Circuit Diagrams

Prepared and edited by
Studer Professional Audio GmbH
Technical Documentation
Althardstrasse 30
CH-8105 Regensdorf – Switzerland
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Printed in Switzerland
Order no. 10.27.4340 (Ed. 0303)

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CONTENTS OF DIAGRAM SECTIONS, NUMERICAL ORDER

Assembly No.	Assembly	Section
1.940.480.20	D19m TDIF In	6
1.940.481.20	D19m TDIF In with AES Out	6
1.940.485.20	D19m TDIF Out	7
1.940.486.20	D19m TDIF Out with AES In	7
1.940.490.22	D19m Alesis ADAT In	6
1.940.491.22	D19m Alesis ADAT In with AES Out	6
1.940.495.20	D19m Alesis ADAT Out	7
1.940.496.20	D19m Alesis ADAT Out with AES In	7
1.940.500	Block Diagram D19m MADI Coaxial	7
1.940.500.21	D19m MADI Coaxial	7
1.940.510	Block Diagram MADI Optical	7
1.940.510.21	D19m MADI Optical	7
1.940.511.21	D19m MADI Optical	7
1.940.520	Block Diagram D19m MADO Coaxial	6
1.940.520.21	D19m MADO Coaxial	6
1.940.530	Block Diagram MADO Optical	6
1.940.530.21	D19m MADO Optical	6
1.940.531.20	D19m MADO Optical	6
1.940.540	Block Diagram D19m SFC Board	6
1.940.540.23	D19m SFC Board	6
1.940.550.00	Back Plane	5
1.940.551.00	Back Plane MkII	5
1.940.557.00	D19m Sync Receiver	5
1.940.558.00	Optical/Coax Interface	5
1.940.560.21	D19m C4 AD Board	6
1.940.561.21	D19m C4 AD NS Board	6
1.940.570.21	D19m C4 DA Board 24 Bit	7
1.940.571.21	D19m DA Board 24 Bit	7
1.940.575.22	D19m MicLine Input Board	6
1.940.576.22	Processor Board	6
1.940.577.00	RS422 to Optical Converter	7
1.940.579.00	RS422 to Optical Converter	7
1.940.580.21	D19m AESI Board	6
1.940.585.22	D19m AESO Board	7
1.940.589.00	Supply Status Board	5
1.940.592.00	D19m Rack Bus 5/15	5
1.940.593.00	Supply Status Board	5
1.940.596.81	Fan Regulation	5
1.940.606.00	Power Supply 5 V/16 A	5
1.940.607.00	Power Supply ±15 V/3.5 A	5
1.940.610.00	Connection Board S39m C4AD/C4DA Card	8
1.940.611.00	Connection Board BNC AESI-Card	8
1.940.612.00	Connection Board BNC AESO-Card	8
1.940.613.00	Connection Board S30f-C4AD	8
1.940.614.00	Connection Board S30m-C4DA	8
1.940.615.00	Connection Board D15f AESI-Card	8
1.940.616.81	Connection Board D15m AESO-Card	8
1.940.617.81	XLR Connection AES/EBU Input	8
1.940.618.81	XLR Connection AES/EBU Output	8
1.940.619.81	D25+D25 Connection Unit	8
1.940.625.00	Connection Board D15f C4AD-Card	8
1.940.626.00	Connection Board D15m C4DA-Card	8

Assembly No.	Assembly	Section
1.940.627.81	XLR Connection Analog Input	8
1.940.628.81	XLR Connection Analog Output	8
1.940.630.81	Control Connection	5
1.940.635.00	Connection Board 2xD15f 8xAESI-Card	8
1.940.636.00	Connection Board 2xD15m 8xAESO-Card	8
1.940.637.81	XLR Connection 4xAES/EBU Input	8
1.940.638.81	XLR Connection 4xAES/EBU Output	8
1.950.300	Block Diagram Control System	1
1.950.597.81	PSU Back Plane	2
1.950.598.00	PSU Connection Board	2
1.950.601.00	Power Supply 5V/100A	2
1.950.605	Block Diagram PEAES Board	3
1.950.605.26	PEAES Board	3
1.950.610	Block Diagram PE Board	3
1.950.610.26	PE Board	3
1.950.616.20	MADI Board 96k	4
1.950.621.20	MEMNET Board 96k	4
1.950.650	Block Diagram Core Back Plane	2
1.950.650.00	Core Back Plane	2
1.950.690	Block Diagram Core	2

CONTENTS OF DIAGRAM SECTIONS, ALPHABETICAL ORDER

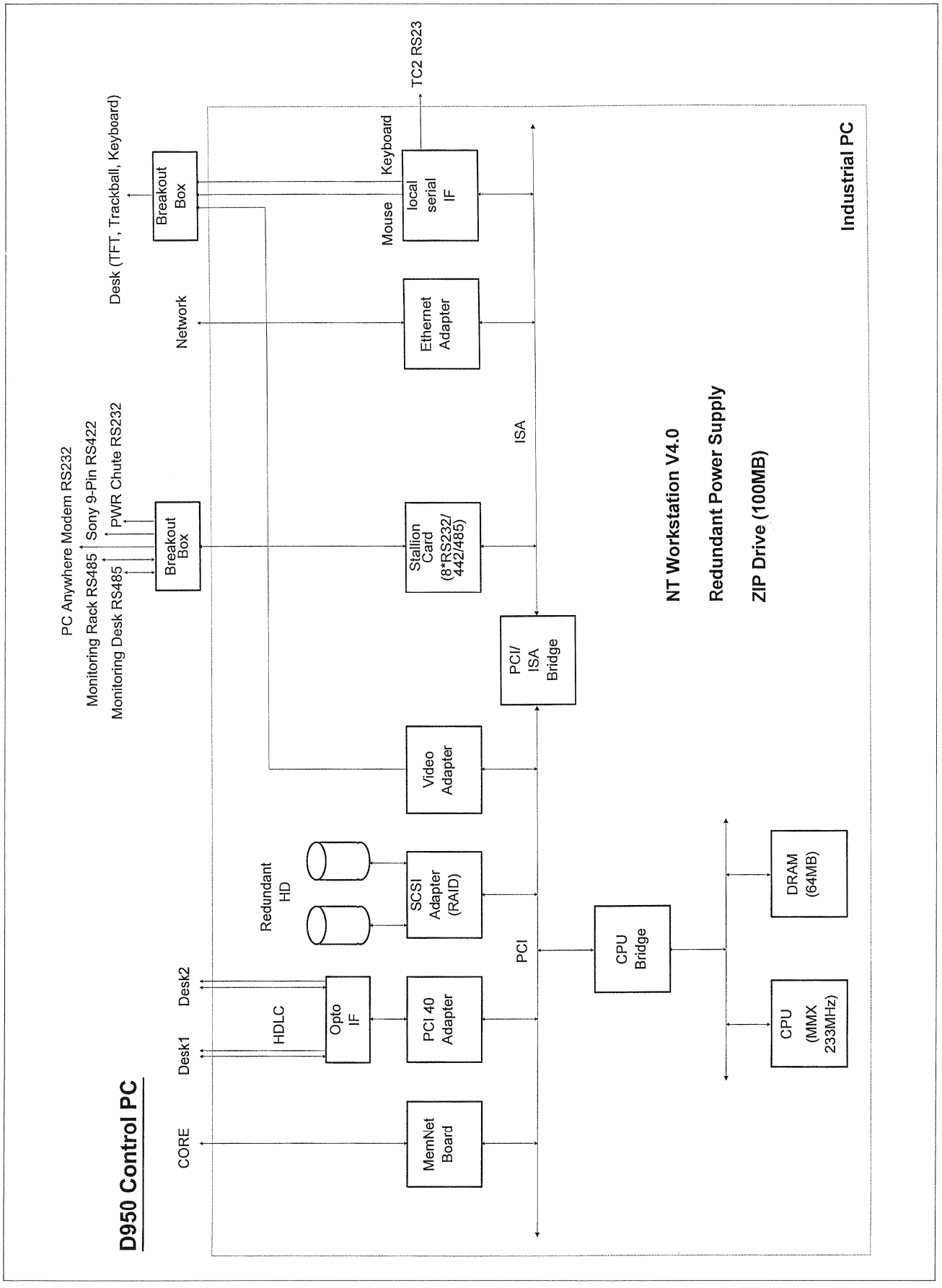
Assembly	Assembly No.	Section
Back Plane	1.940.550.00	5
Back Plane MkII	1.940.551.00	5
Block Diagram Control System	1.950.300	1
Block Diagram Core	1.950.690	2
Block Diagram Core Back Plane	1.950.650	2
Block Diagram D19m MADI Coaxial	1.940.500	7
Block Diagram D19m MADO Coaxial	1.940.520	6
Block Diagram D19m SFC Board	1.940.540	6
Block Diagram MADI Optical	1.940.510	7
Block Diagram MADO Optical	1.940.530	6
Block Diagram PE Board	1.950.610	3
Block Diagram PEAES Board	1.950.605	3
Connection Board 2xD15f 8xAESI-Card	1.940.635.00	8
Connection Board 2xD15m 8xAESO-Card	1.940.636.00	8
Connection Board BNC AESI-Card	1.940.611.00	8
Connection Board BNC AESO-Card	1.940.612.00	8
Connection Board D15f AESI-Card	1.940.615.00	8
Connection Board D15f C4AD-Card	1.940.625.00	8
Connection Board D15m AESO-Card	1.940.616.81	8
Connection Board D15m C4DA-Card	1.940.626.00	8
Connection Board S30f-C4AD	1.940.613.00	8
Connection Board S30m-C4DA	1.940.614.00	8
Connection Board S39m C4AD/C4DA Card	1.940.610.00	8
Control Connection	1.940.630.81	5
Core Back Plane	1.950.650.00	2
D19m AESI Board	1.940.580.21	6
D19m AESO Board	1.940.585.22	7
D19m Alesis ADAT In	1.940.490.22	6
D19m Alesis ADAT In with AES Out	1.940.491.22	6
D19m Alesis ADAT Out	1.940.495.20	7
D19m Alesis ADAT Out with AES In	1.940.496.20	7
D19m C4 AD Board	1.940.560.21	6
D19m C4 AD NS Board	1.940.561.21	6
D19m C4 DA Board 24 Bit	1.940.570.21	7
D19m DA Board 24 Bit	1.940.571.21	7
D19m MADI Coaxial	1.940.500.21	7
D19m MADI Optical	1.940.510.21	7
D19m MADI Optical	1.940.511.21	7
D19m MADO Coaxial	1.940.520.21	6
D19m MADO Optical	1.940.530.21	6
D19m MADO Optical	1.940.531.20	6
D19m MicLine Input Board	1.940.575.22	6
D19m Rack Bus 5/15	1.940.592.00	5
D19m SFC Board	1.940.540.23	6
D19m Sync Receiver	1.940.557.00	5
D19m TDIF In	1.940.480.20	6
D19m TDIF In with AES Out	1.940.481.20	6
D19m TDIF Out	1.940.485.20	7
D19m TDIF Out with AES In	1.940.486.20	7
D25+D25 Connection Unit	1.940.619.81	8
Fan Regulation	1.940.596.81	5
MADI Board 96k	1.950.616.20	4

Assembly	Assembly No.	Section
MEMNET Board 96k	1.950.621.20	4
Optical/Coax Interface	1.940.558.00	5
PE Board	1.950.610.26	3
PEAES Board	1.950.605.26	3
Power Supply ±15 V/3.5 A	1.940.607.00	5
Power Supply 5 V/16 A	1.940.606.00	5
Power Supply 5V/100A	1.950.601.00	2
Processor Board	1.940.576.22	6
PSU Back Plane	1.950.597.81	2
PSU Connection Board	1.950.598.00	2
RS422 to Optical Converter	1.940.577.00	7
RS422 to Optical Converter	1.940.579.00	7
Supply Status Board	1.940.589.00	5
Supply Status Board	1.940.593.00	5
XLR Connection 4xAES/EBU Input	1.940.637.81	8
XLR Connection 4xAES/EBU Output	1.940.638.81	8
XLR Connection AES/EBU Input	1.940.617.81	8
XLR Connection AES/EBU Output	1.940.618.81	8
XLR Connection Analog Input	1.940.627.81	8
XLR Connection Analog Output	1.940.628.81	8

DIAGRAMS CONTROL SYSTEM

	Assembly No.	Diagram	Component Layout	Parts List
Block Diagram Control System	*1.950.300*	-	-	-

Block Diagram
Control System 1.950.300.00

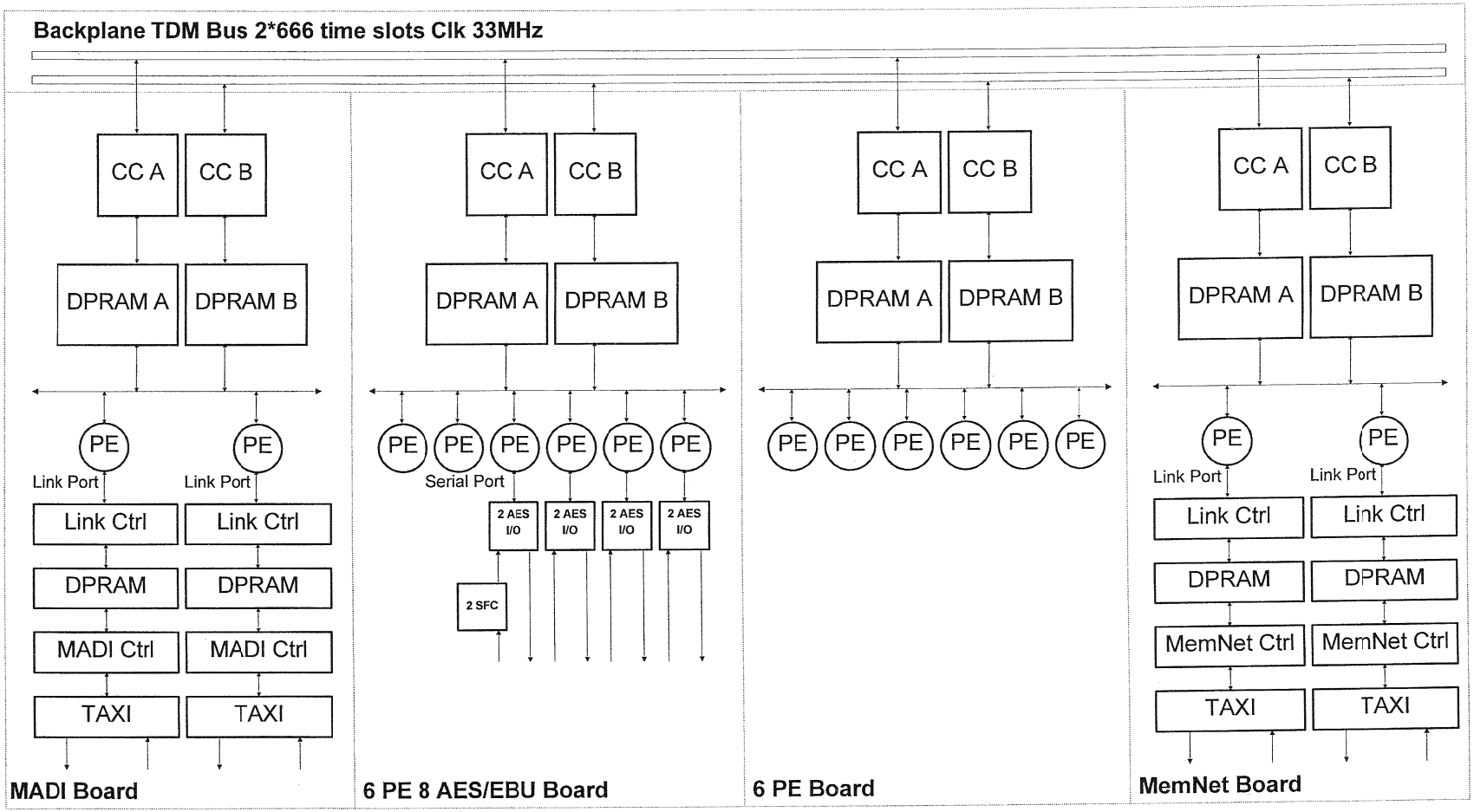


DIAGRAMS DSP CORE

	Assembly No.	Diagram	Component Layout	Parts List
Block Diagram Core	*1.950.690*	-	-	-
Power Supply 5V/100A	1.950.601.00	-	.00	-
PSU Back Plane	1.950.597.81	.81	.81	.81
PSU Connection Board	1.950.598.00	.00	.00	.00
Block Diagram Core Back Plane	*1.950.650*	-	-	-
Core Back Plane	1.950.650.00	.00	.00	.00

Block Diagram
Core 1.950.690.81

D950 Core



SHARC ADSP21062 32bit digital signal processor Clk 40MHz 120MFlops 2Mbit on-chip dual-ported SRAM

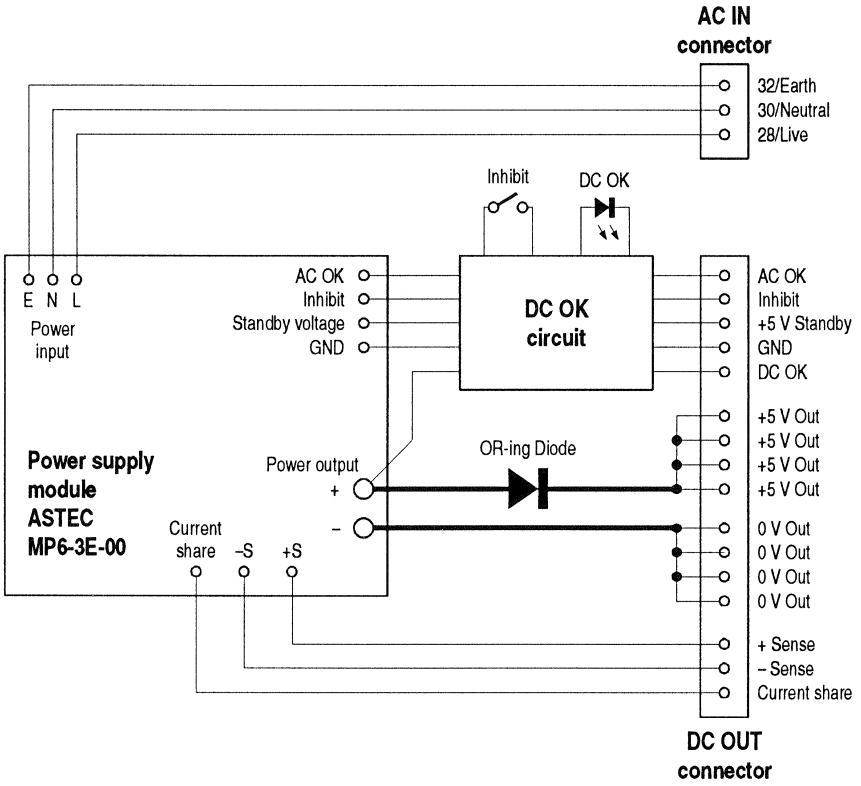
Serial Port synchronous serial port I²S compatible

Link Port 4bit parallel 160 Mbit/s

CCA/B, Link Ctrl : Altera EPF8820 // MADI/MemNet Ctrl : Altera 81188

2 POWER SUPPLY UNIT 1.950.601.00

2.1 Block diagram



2.2 Specifications

Mains voltages: 100...240 V_{AC} ±10%

Power factor: 0.99 typ.

Mains frequency: 47...440 Hz

Efficiency: typ. 70%

Output power: 5 V/100 A
Integrated OR-ing diode for N+1 redundancy operation.

Output: Short-circuit, overcurrent, overvoltage, and thermal protection.

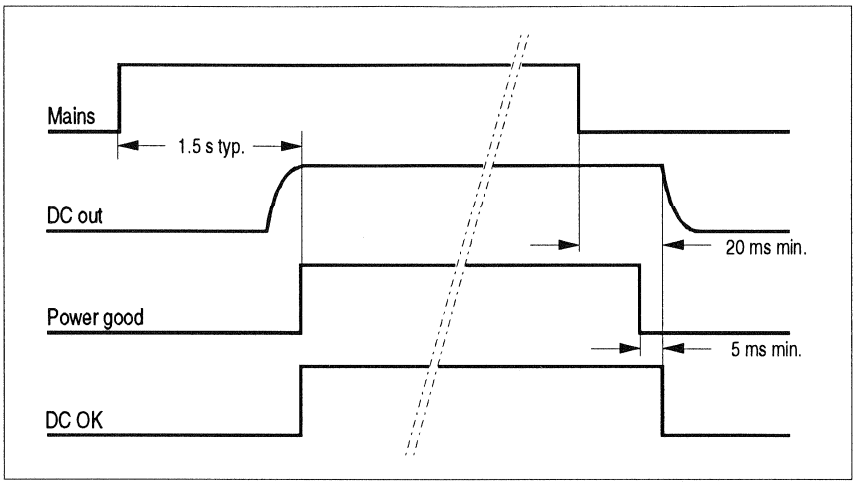
Power down (logic inhibit): Control input, TTL compatible, active low.

Power good: Output, open collector, TTL compatible, active high.

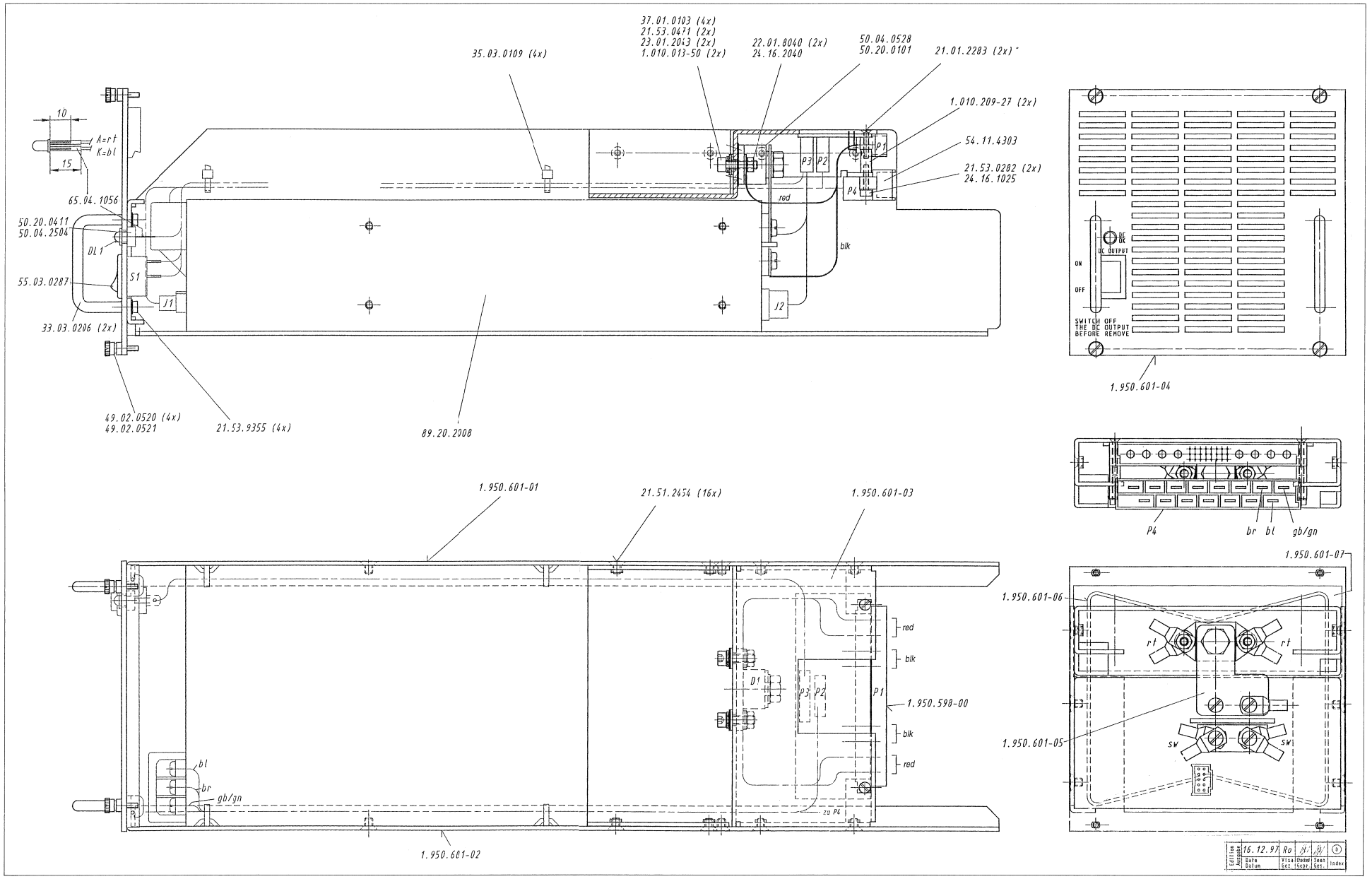
DC OK: Output, open collector, TTL compatible, active high; and green LED indicator on the front panel.

Standby voltage: 5 V/250 mA

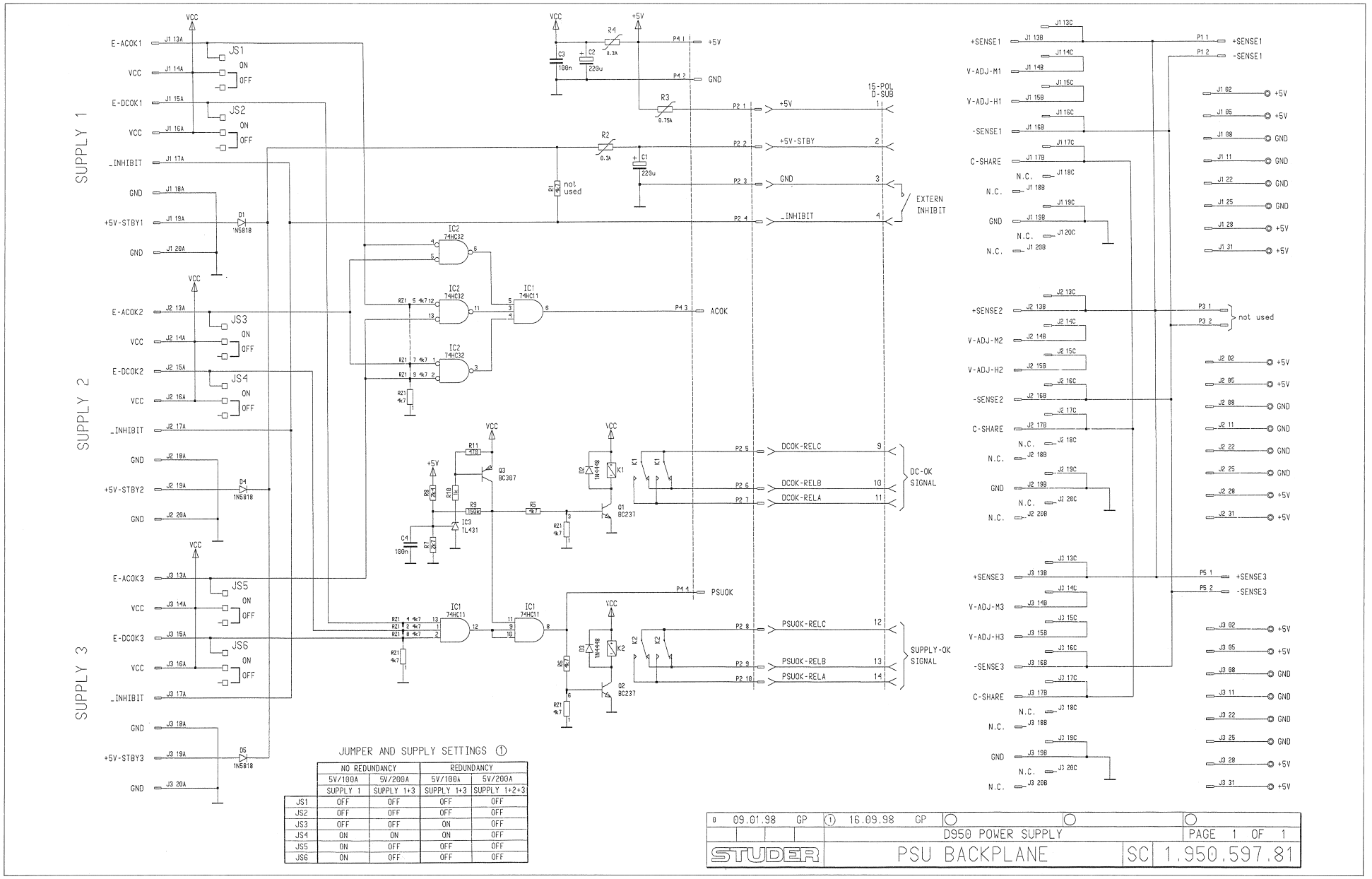
Current share: If individual unit outputs are in parallel, the "Single wire parallel" lines are tied together; this provides forced current sharing of the outputs. Can also be used as a relative current monitor, using a proportional voltage (2...6 V). *This output must not be loaded, a buffer has to be used.*


Mains
1.5 s typ.
DC out
20 ms min.
Power good
5 ms min.
DC OK

Power Supply 5V/100A 1.950.601.00



PSU Back Plane 1.950.597.81

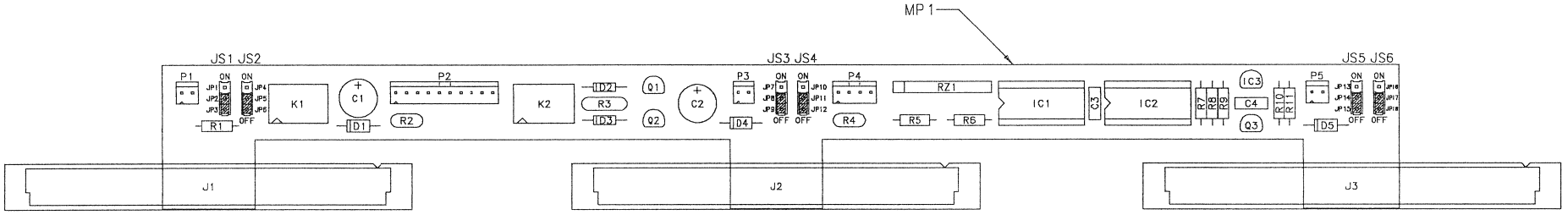


JUMPER AND SUPPLY SETTINGS ①

	NO REDUNDANCY		REDUNDANCY	
	5V/100A	5V/200A	5V/100A	5V/200A
	SUPPLY 1	SUPPLY 1+3	SUPPLY 1+3	SUPPLY 1+2+3
JS1	OFF	OFF	OFF	OFF
JS2	OFF	OFF	OFF	OFF
JS3	OFF	OFF	ON	OFF
JS4	ON	ON	ON	OFF
JS5	ON	OFF	OFF	OFF
JS6	ON	OFF	OFF	OFF

0 09.01.98 GP	① 16.09.98 GP			
		D950 POWER SUPPLY		PAGE 1 OF 1
STUDER	PSU BACKPLANE		SC	1.950.597.81

PSU Back Plane 1.950.597.81



JUMPER AND SUPPLY SETTINGS ①

	NO REDUNDANCY		REDUNDANCY	
	5V/100A	5V/200A	5V/100A	5V/200A
	SUPPLY 1	SUPPLY 1+3	SUPPLY 1+3	SUPPLY 1+2+3
JS1	OFF	OFF	OFF	OFF
JS2	OFF	OFF	OFF	OFF
JS3	OFF	OFF	ON	OFF
JS4	ON	ON	ON	OFF
JS5	ON	OFF	OFF	OFF
JS6	ON	OFF	OFF	OFF

idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.22.3221		220u	EL 10V, 20%, RM5
0	C 2	59.22.3221		220u	EL 10V, 20%, RM5
0	C 3	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 4	59.06.0104		100n	PETP, 63V, 10%, RM5
0	D 1	50.04.0512		1N5818	D 1N 5818, 1N 5819,
0	D 2	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	D 3	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	D 4	50.04.0512		1N5818	D 1N 5818, 1N 5819,
0	D 5	50.04.0512		1N5818	D 1N 5818, 1N 5819,
0	IC 1	50.17.1011		74HC11	IC ... 74 HC 11 ., ,A
0	IC 2	50.17.1032		74HC32	IC ... 74 HC 32 ., ,A
0	IC 3	50.10.0106		TL431	IC TL 431 CLP,
0	J 1	54.11.4451		24+8p	EU-M
0	J 2	54.11.4451		24+8p	EU-M
0	J 3	54.11.4451		24+8p	EU-M
0	JP 1	54.01.0020		1p	Pin 0.63*0.63
0	JP 2	54.01.0020		1p	Pin 0.63*0.63
0	JP 3	54.01.0020		1p	Pin 0.63*0.63
0	JP 4	54.01.0020		1p	Pin 0.63*0.63
0	JP 5	54.01.0020		1p	Pin 0.63*0.63
0	JP 6	54.01.0020		1p	Pin 0.63*0.63
0	JP 7	54.01.0020		1p	Pin 0.63*0.63
0	JP 8	54.01.0020		1p	Pin 0.63*0.63
0	JP 9	54.01.0020		1p	Pin 0.63*0.63
0	JP 10	54.01.0020		1p	Pin 0.63*0.63
0	JP 11	54.01.0020		1p	Pin 0.63*0.63
0	JP 12	54.01.0020		1p	Pin 0.63*0.63
0	JP 13	54.01.0020		1p	Pin 0.63*0.63
0	JP 14	54.01.0020		1p	Pin 0.63*0.63
0	JP 15	54.01.0020		1p	Pin 0.63*0.63
0	JP 16	54.01.0020		1p	Pin 0.63*0.63
0	JP 17	54.01.0020		1p	Pin 0.63*0.63
0	JP 18	54.01.0020		1p	Pin 0.63*0.63
0	JS 1	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 2	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 3	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 4	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 5	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 6	54.01.0021		Jumper	0.63 * 0.63mm
0	K 1	56.04.0198		2u	5V 125V 2A Ag/Au
0	K 2	56.04.0198		2u	5V 125V 2A Ag/Au

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	MP 1	1.950.597.12			PSU BACK PLANE PC3
0	MP 2	1.950.597.10			NR. ETIKETTE
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	P 1	54.12.0702		2p	Stecker gerade PCB
0	P 2	54.12.0710		10p	Stecker gerade PCB
0	P 3	not used		2p	Stecker gerade PCB
0	P 4	54.12.0704		4p	Stecker gerade PCB
0	P 5	54.12.0702		2p	Stecker gerade PCB
0	Q 1	50.03.0436		BC237B	BC 237 B, 547 B, 550 B,
0	Q 2	50.03.0436		BC237B	BC 237 B, 547 B, 550 B,
0	Q 3	50.03.0515		BC307B	BC 307 B , BC 557 B ,PNP
0	R 1	not used		4k7	MF, 1%, 0207
0	R 2	57.92.7012		0.3A	POLY- PTC, 60V
0	R 3	57.92.7020		0.75A	POLY- PTC, 60V
0	R 4	57.92.7012		0.3A	POLY- PTC, 60V
0	R 5	57.11.3472		4k7	MF, 1%, 0207
0	R 6	57.11.3472		4k7	MF, 1%, 0207
0	R 7	57.11.3272		2k7	MF, 1%, 0207
0	R 8	57.11.3242		2k4	MF, 1%, 0207
0	R 9	57.11.3154		150k	MF, 1%, 0207
0	R 10	57.11.3102		1k0	MF, 1%, 0207
0	R 11	57.11.3471		470R	MF, 1%, 0207
0	RZ 1	57.88.4472		8*4k7	2%, SIP 9
0	XIC 1	53.03.0167		14p	DIL 0.3", lot, gerade
0	XIC 2	53.03.0167		14p	DIL 0.3", lot, gerade

End of List

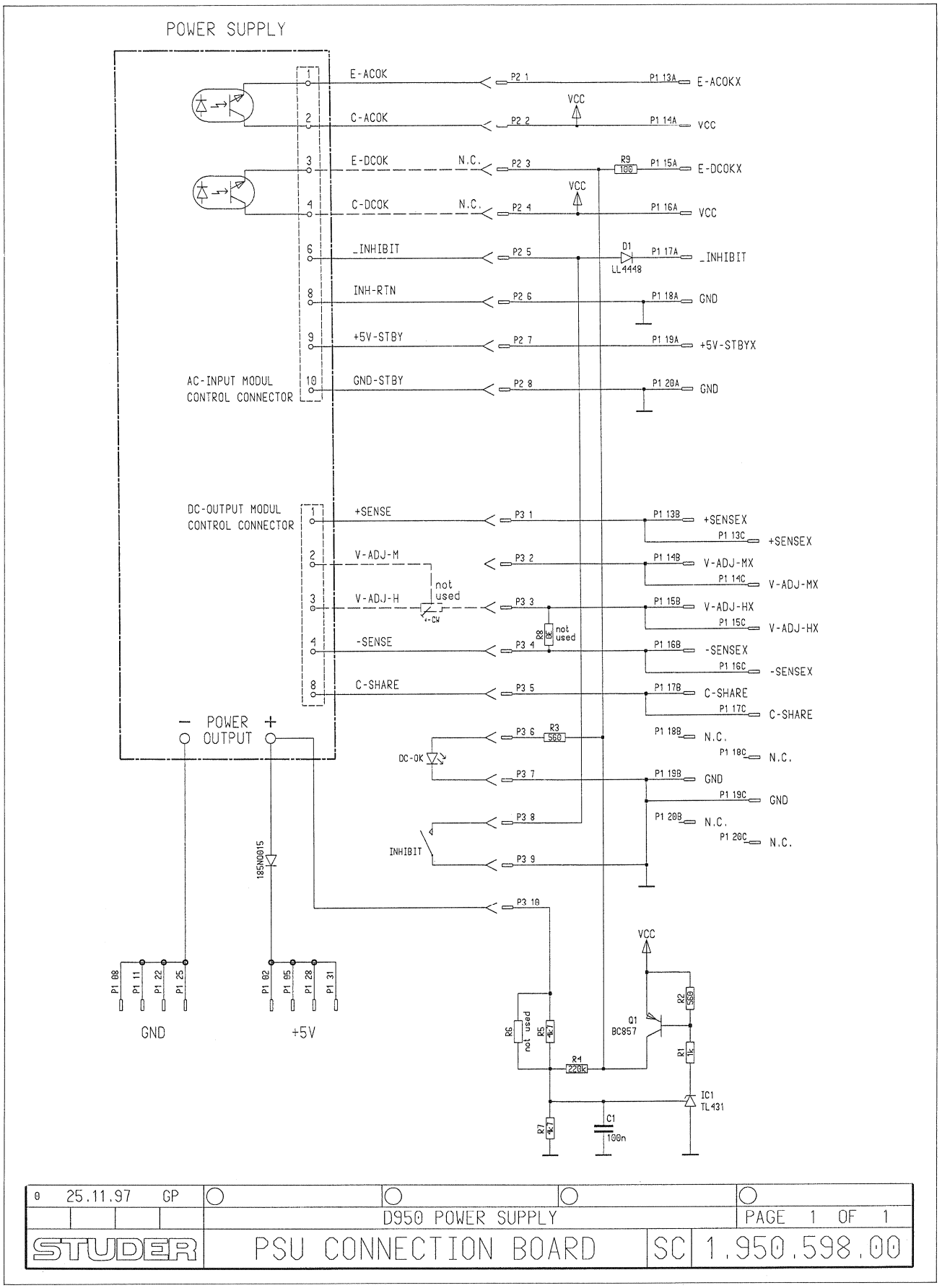
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Edition Ausgabe	Modification Aenderung	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
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	09.01.98	GP	.	.	.	⓪

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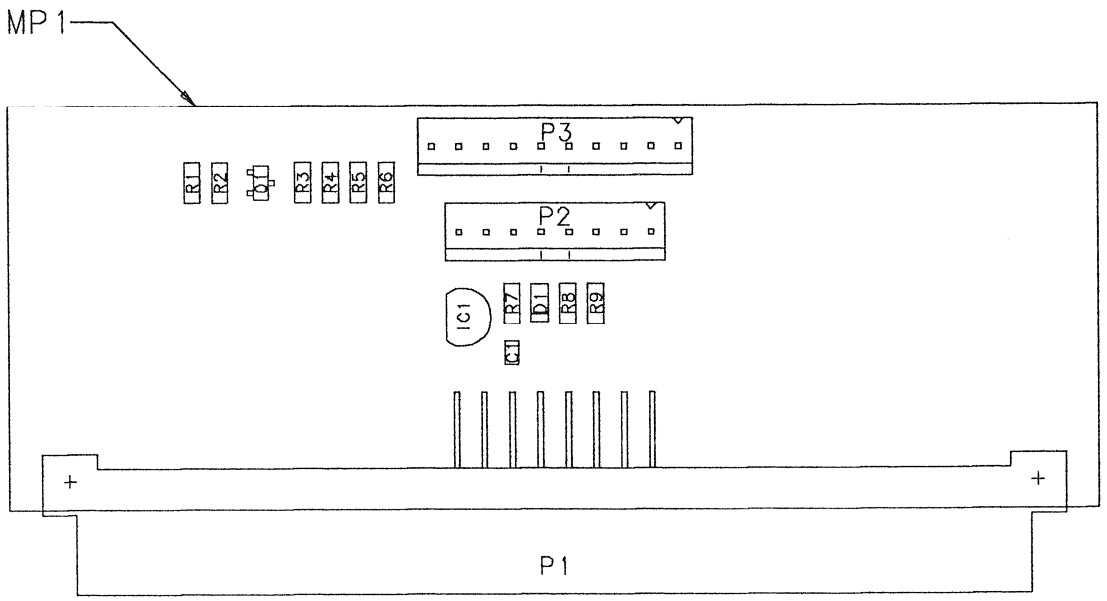
STUDER REGENSDORF | Description: Benennung: PSU BACKPLANE ESE | Number: Nummer: 1.950.597.81

PSU Connection Board 1.950.598.00



0 25.11.97 GP				
	D950 POWER SUPPLY			PAGE 1 OF 1
STUDER	PSU CONNECTION BOARD		SC	1.950.598.00

PSU Connection Board 1.950.598.00



Modification Aenderung					
	.	.			3
	.	.			2
	.	.			1
Edition Ausgabe	25.11.97	GP			0
	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index

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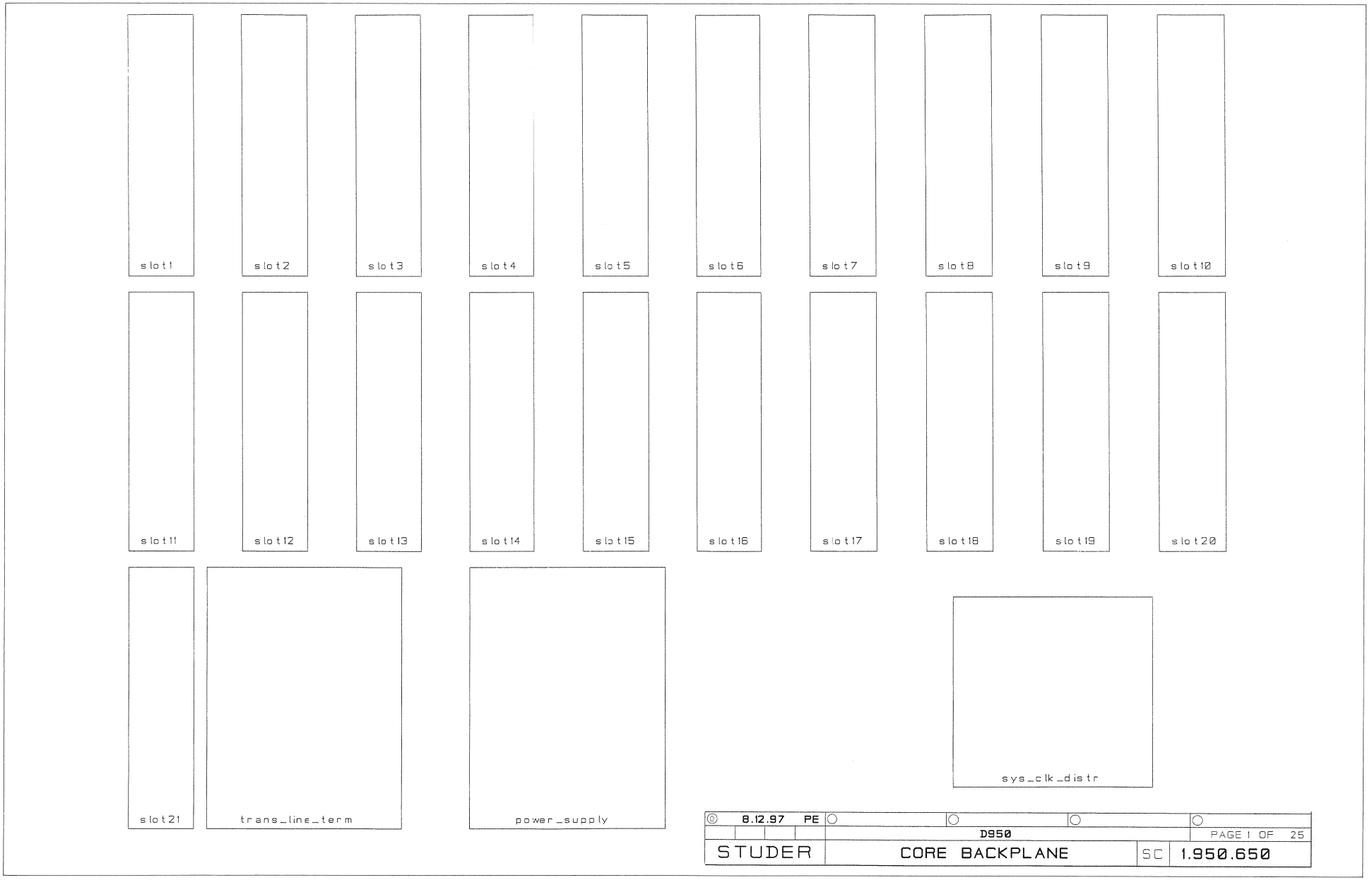
STUDER REGENSDORF | Description: Benennung: PSU CONNECTION BOARD | Number: Nummer: 1.950.598.00

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	IC 1	50.10.0106		TL431	IC TL 431 CLP,
0	MP 1	1.950.598.11			PSU CONNECTION PCB
0	MP 2	1.950.598.10			NR. ETIKETTE
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	P 1	54.11.4401		24+8p	EU-M
0	P 2	54.12.0708		8p	Stecker gerade PCB
0	P 3	54.12.0710		10p	Stecker gerade PCB
0	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	R 1	57.60.1102		1K	MF, 1%, 0204, E24
0	R 2	57.60.1561		560R	MF, 1%, 0204, E24
0	R 3	57.60.1561		560R	MF, 1%, 0204, E24
0	R 4	57.60.1224		220K	MF, 1%, 0204, E24
0	R 5	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 6	not used		220K	MF, 1%, 0204, E24
0	R 7	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 8	not used		0R0	MF, 0204
0	R 9	57.60.1101		100R	MF, 1%, 0204, E24

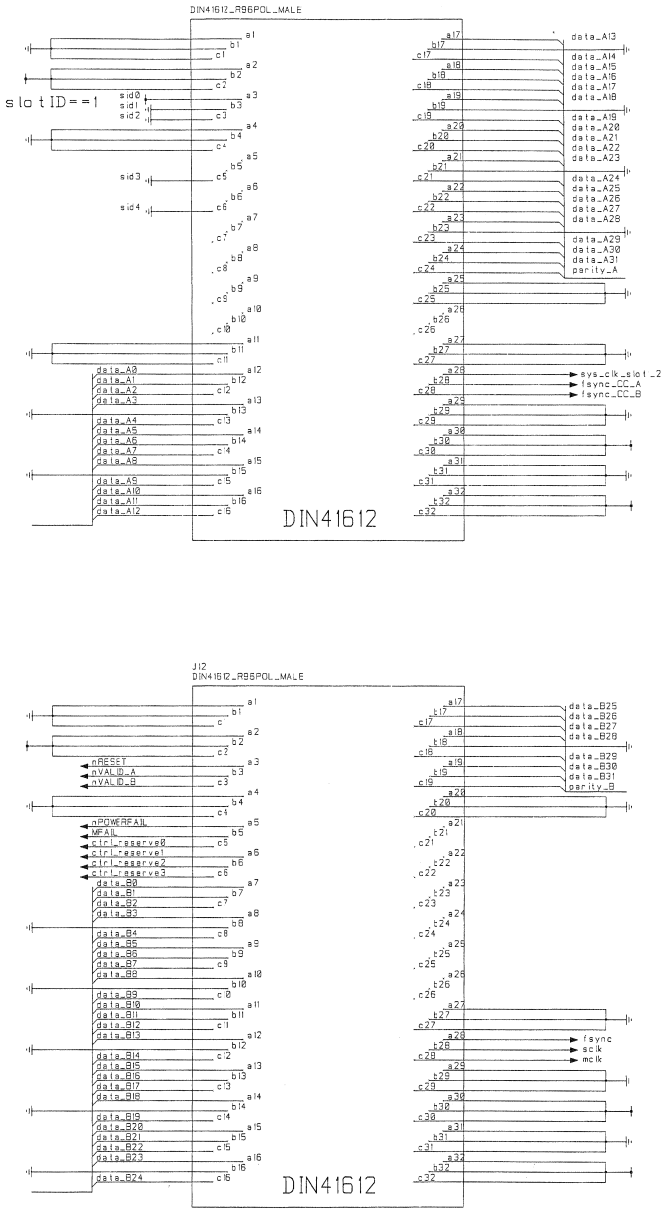
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Comments:

Block Diagram
Core Back Plane 1.950.650

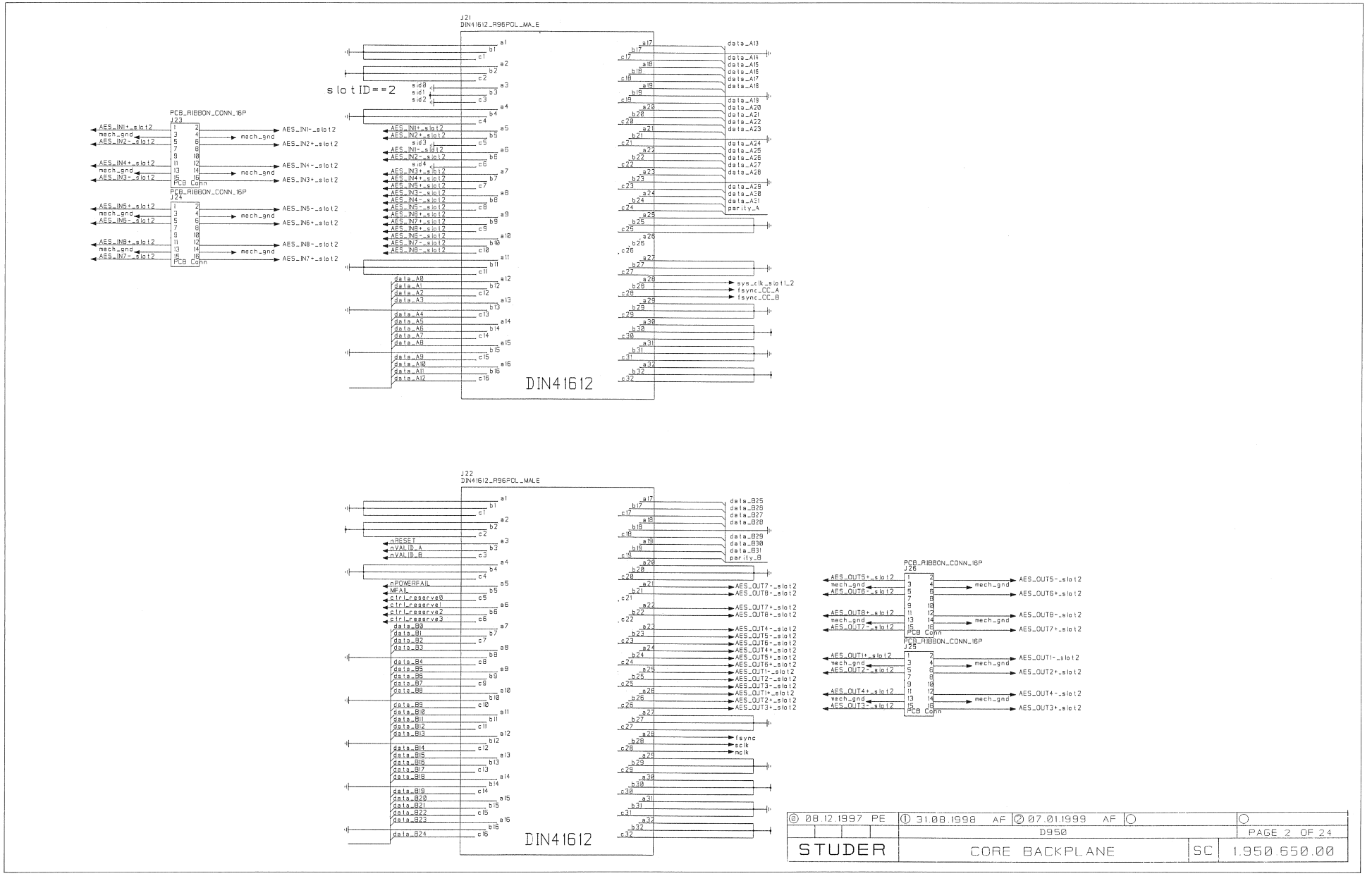


Core Back Plane 1.950.650.00



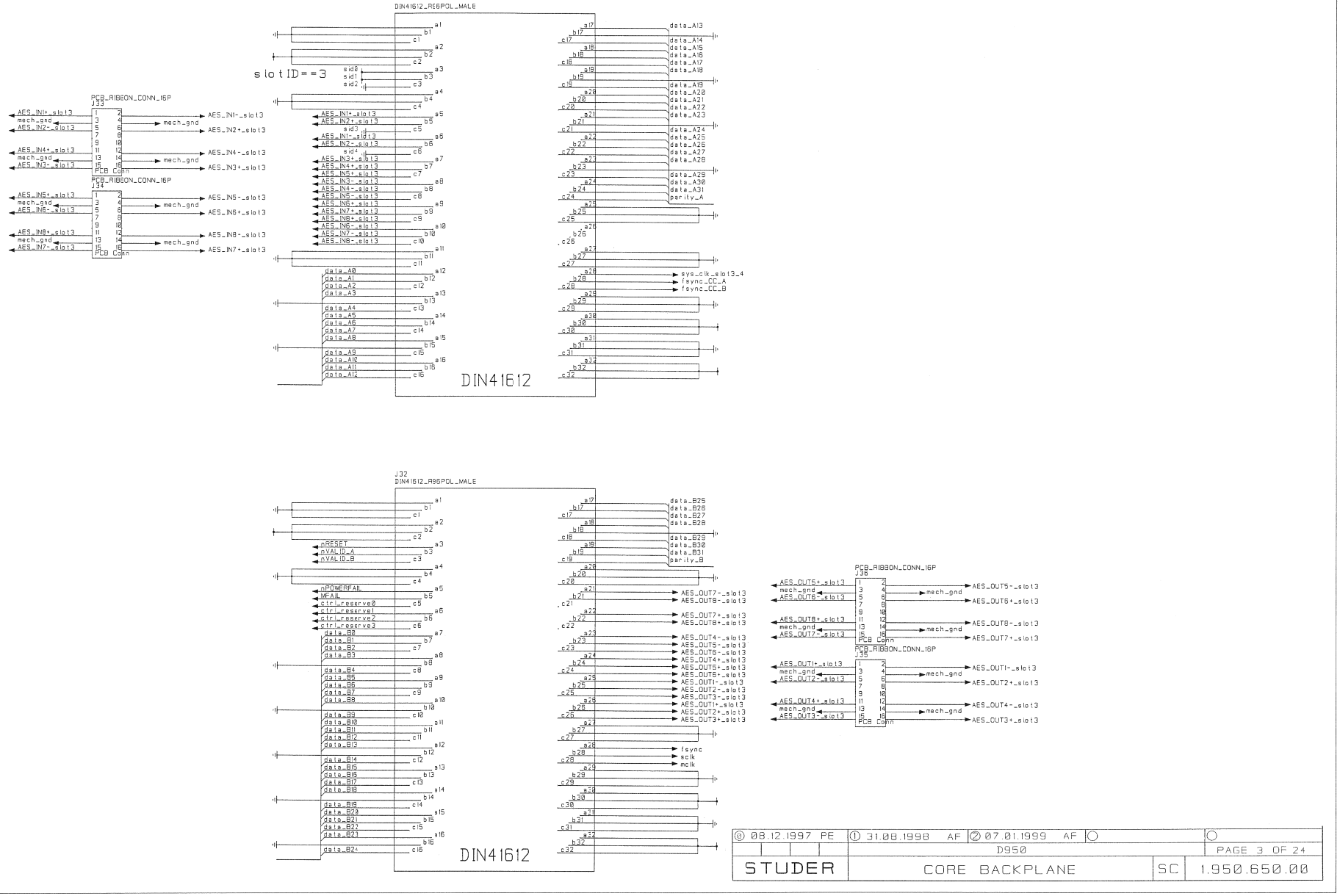
© 08.12.1997 FE	① 31.08.1998 AF	② 07.01.1999 AF	○
	D950		PAGE 1 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

Core Back Plane 1.950.650.00



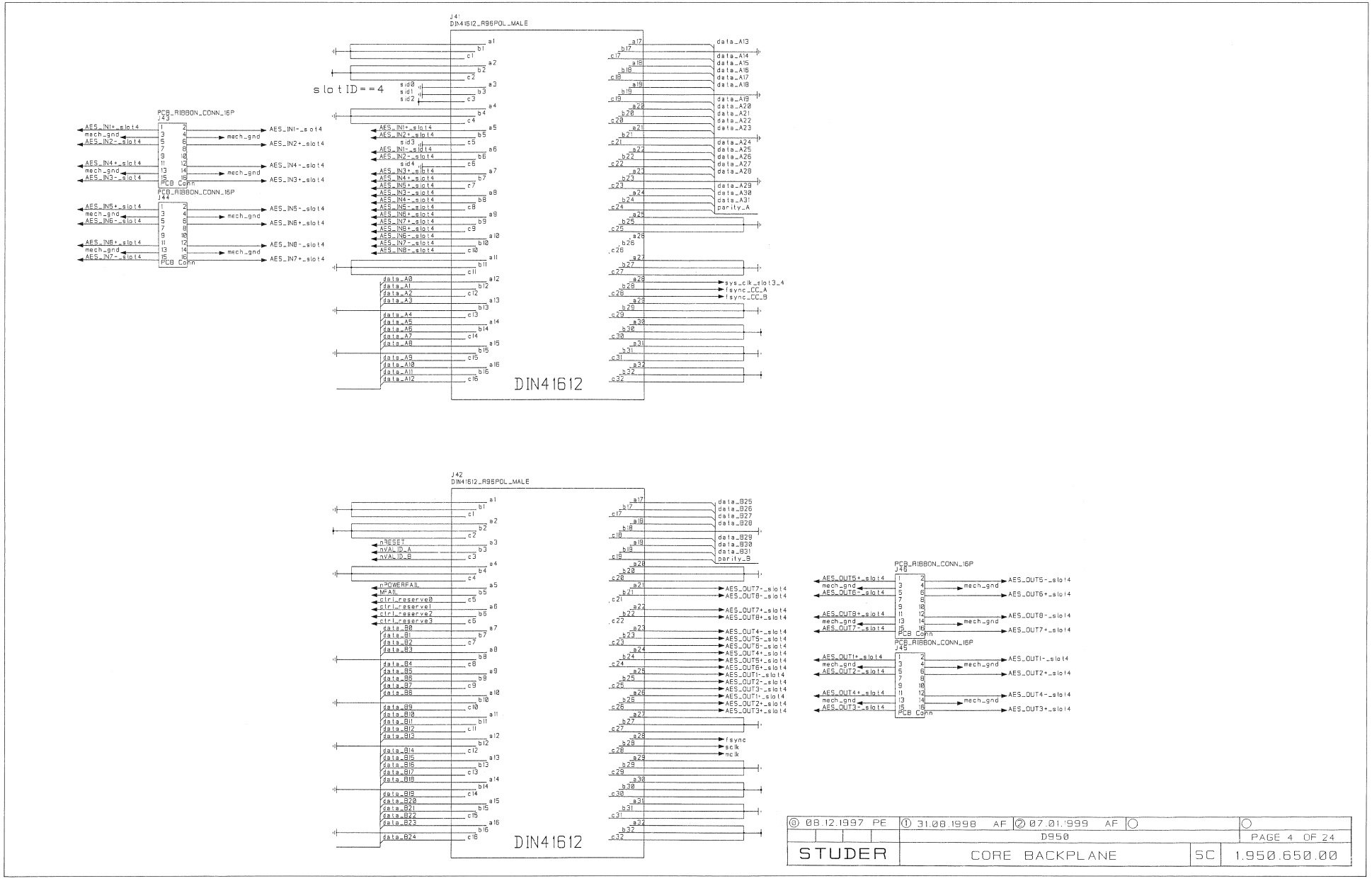
⓪ 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	○	○
		D950		PAGE 2 OF 24
STUDER	CORE BACKPLANE		SC	1.950.650.00

Core Back Plane 1.950.650.00



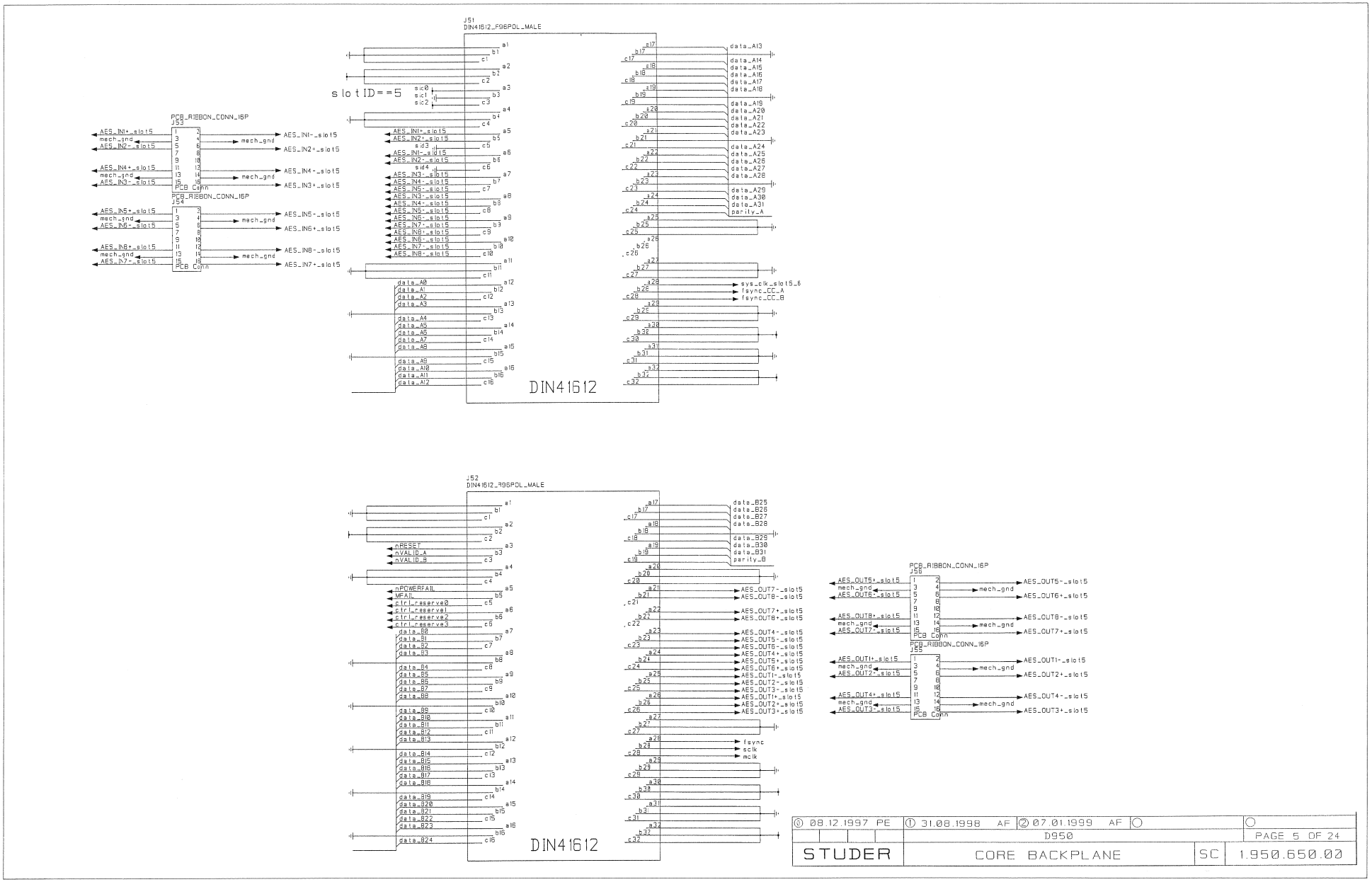
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	D950			PAGE 3 OF 24
STUDER	CORE BACKPLANE		SC	1.950.650.00

Core Back Plane 1.950.650.00



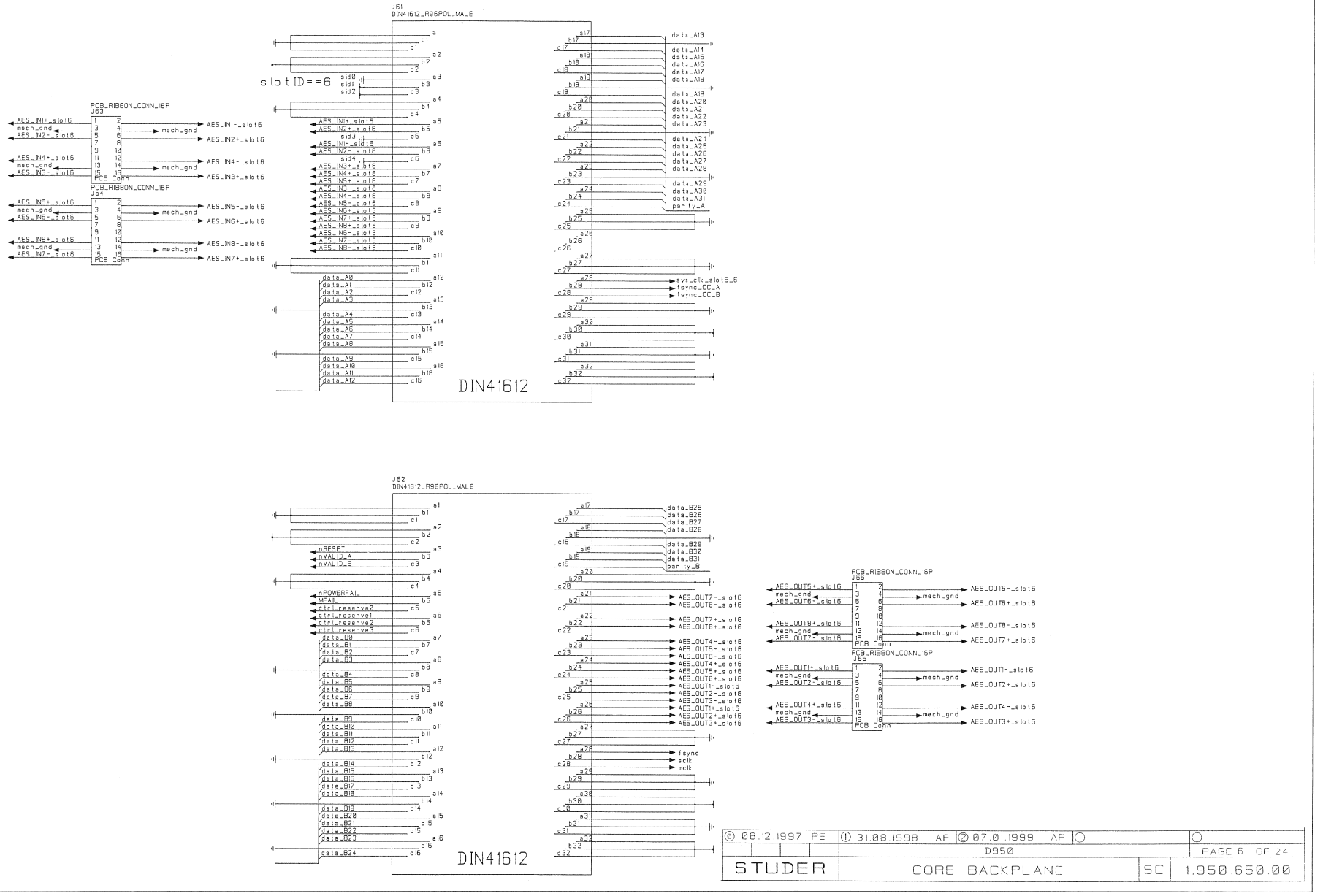
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	D950		PAGE 4 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

Core Back Plane 1.950.650.00

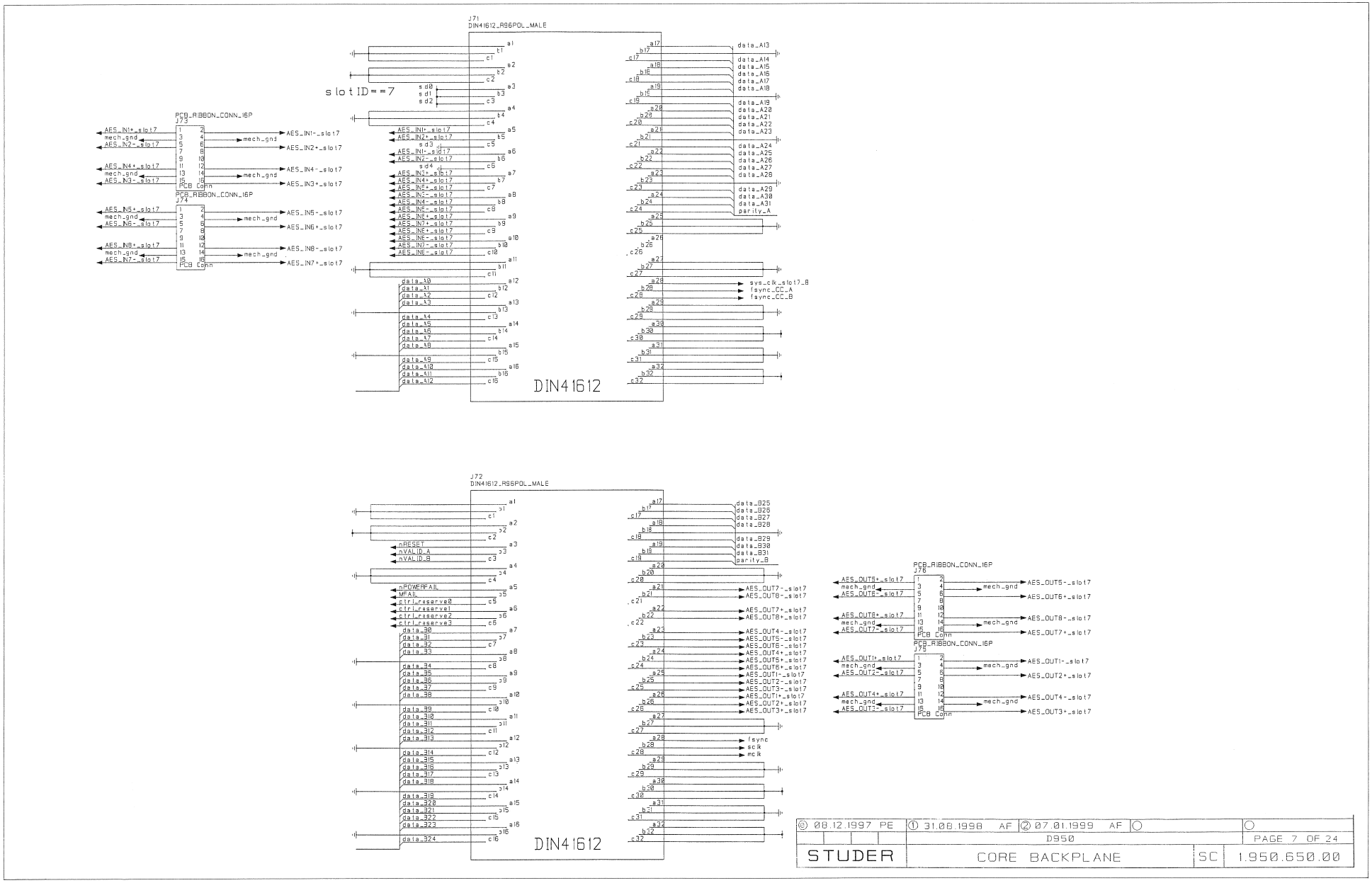


© 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	
	D950		PAGE 5 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

Core Back Plane 1.950.650.00

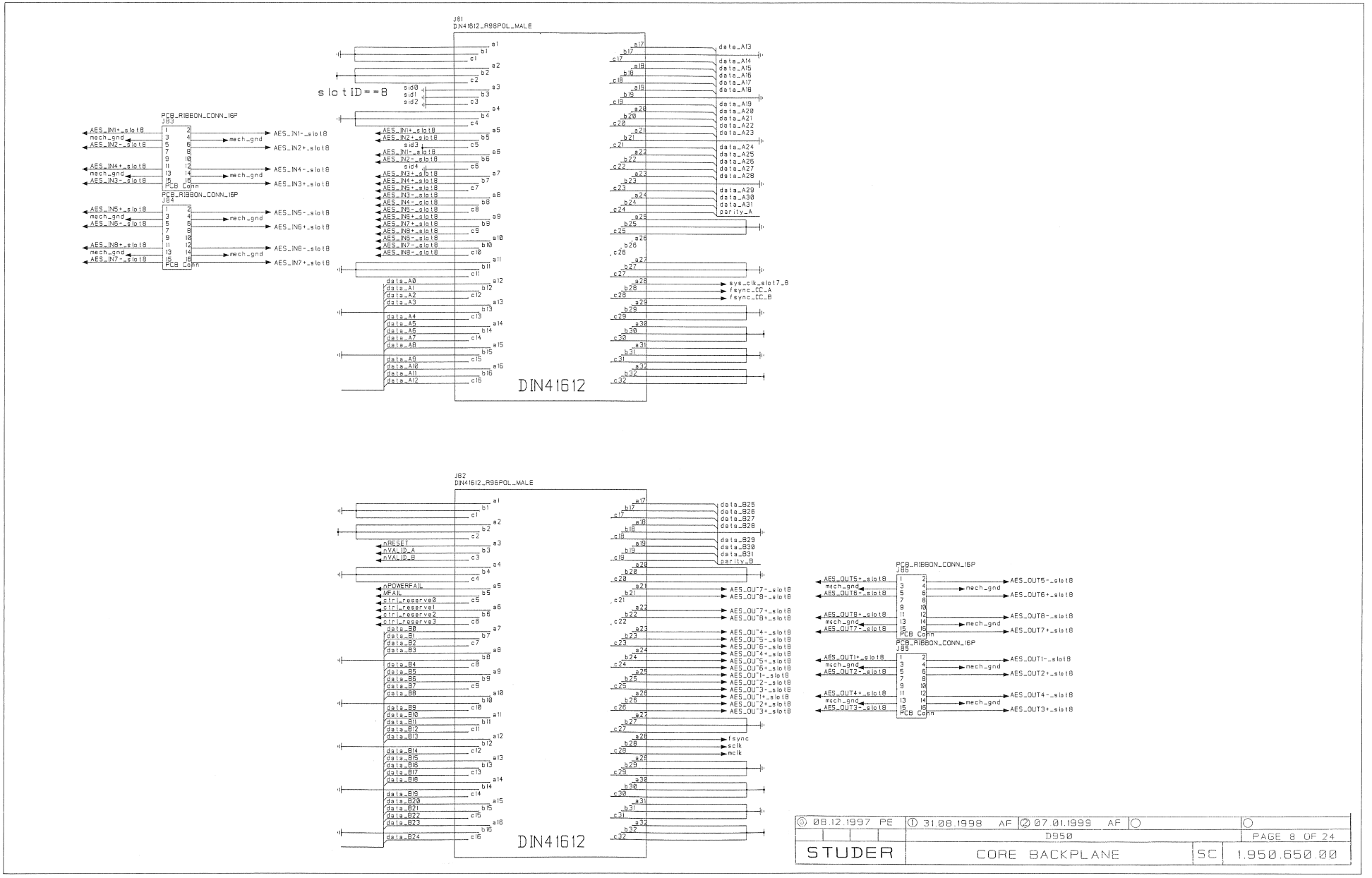


Core Back Plane 1.950.650.00



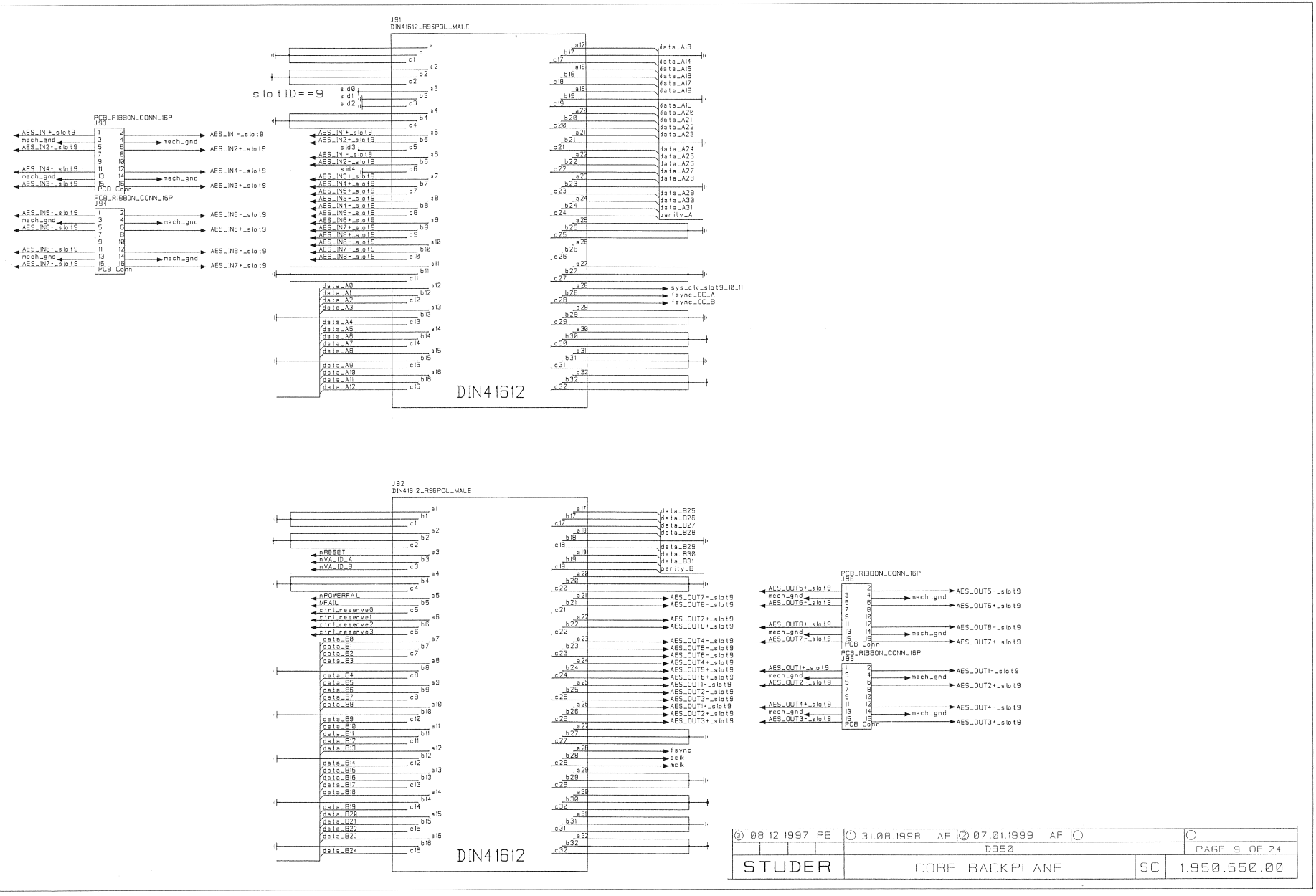
© 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	○	○
		D950		PAGE 7 OF 24
STUDER	CORE BACKPLANE		SC	1.950.650.00

Core Back Plane 1.950.650.00



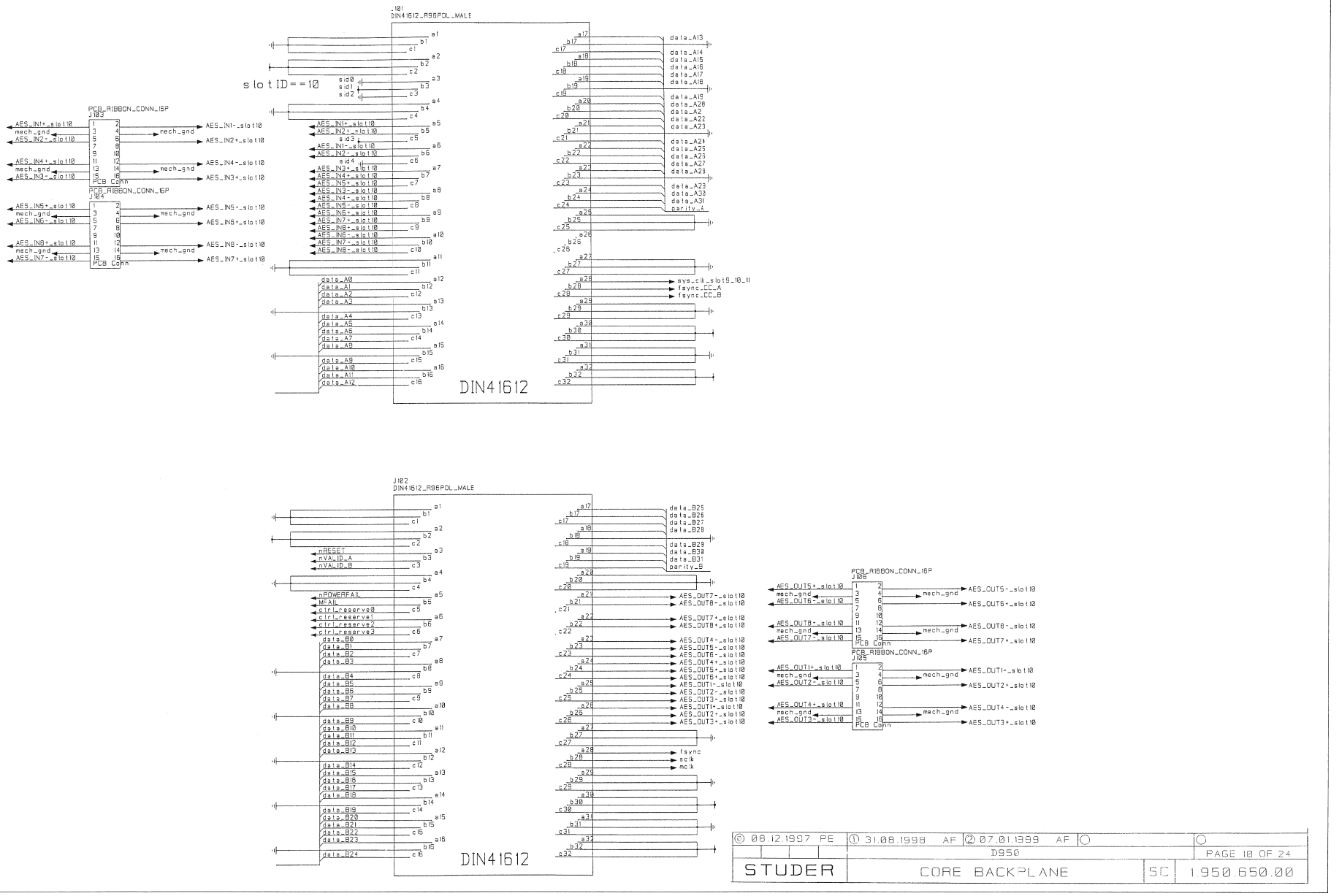
© 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	○	○
		D950		PAGE 8 OF 24
STUDER	CORE BACKPLANE		SC	1.950.650.00

Core Back Plane 1.950.650.00

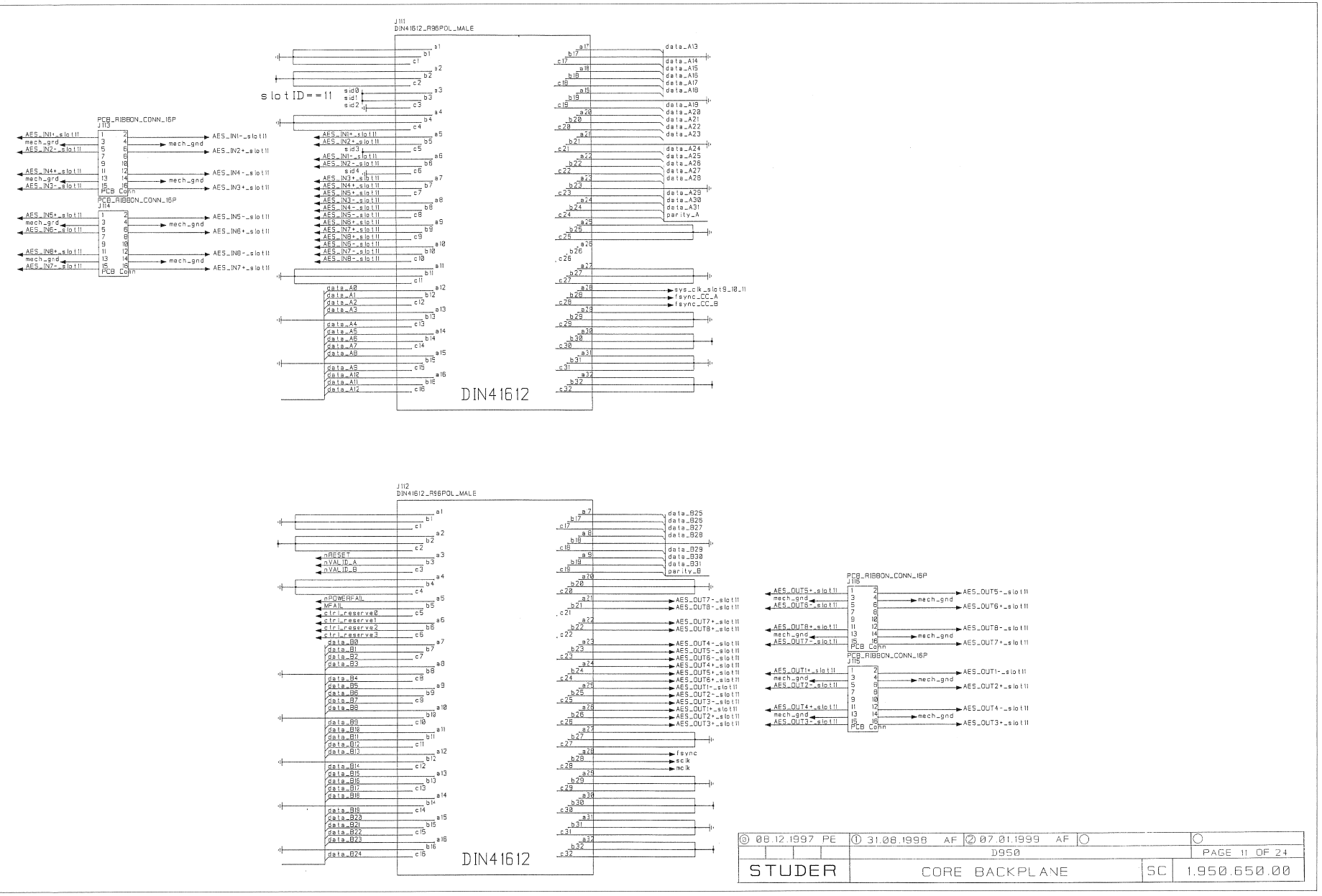


@ 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	○
	D950		PAGE 9 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

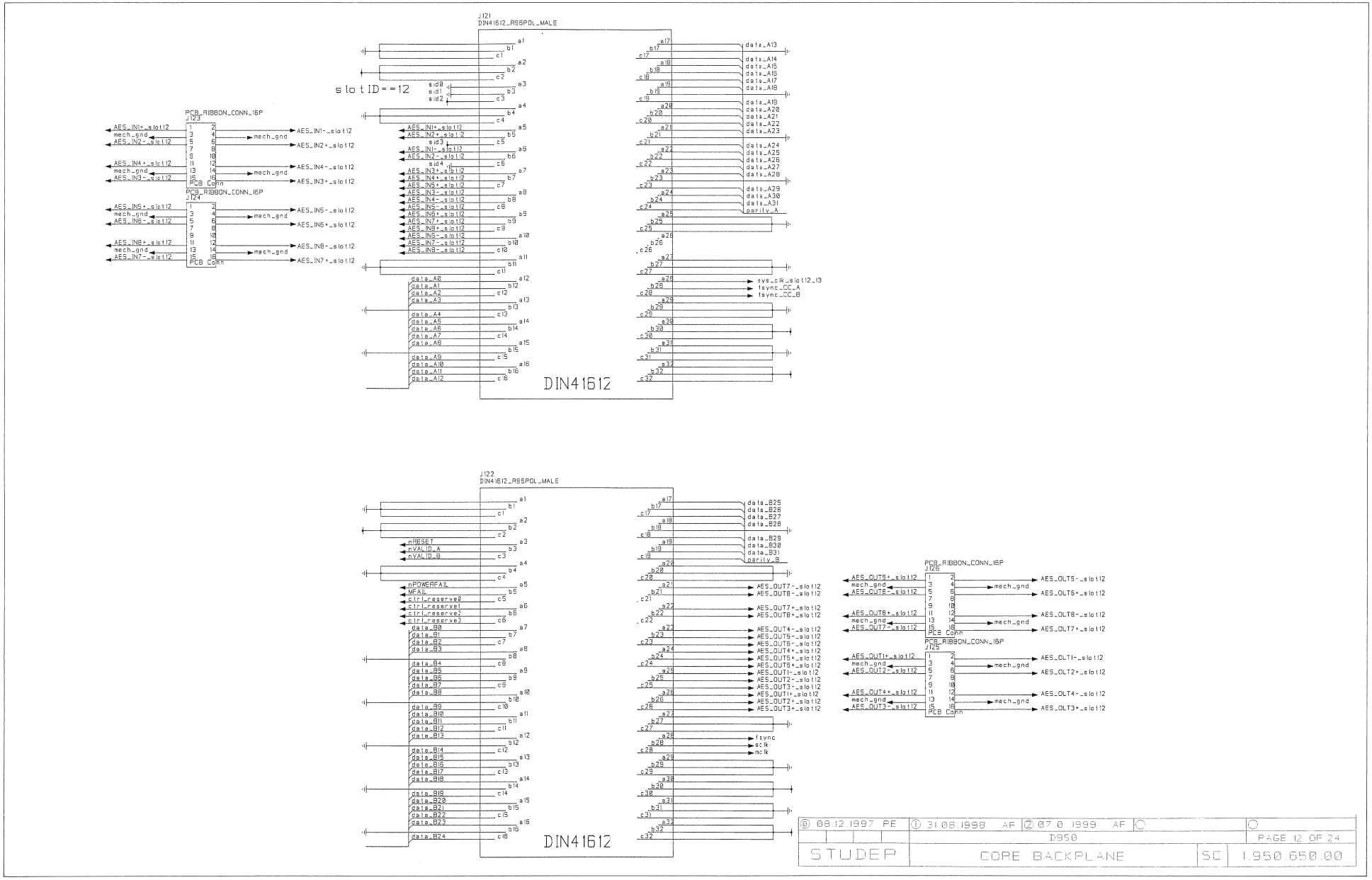
Core Back Plane 1.950.650.00



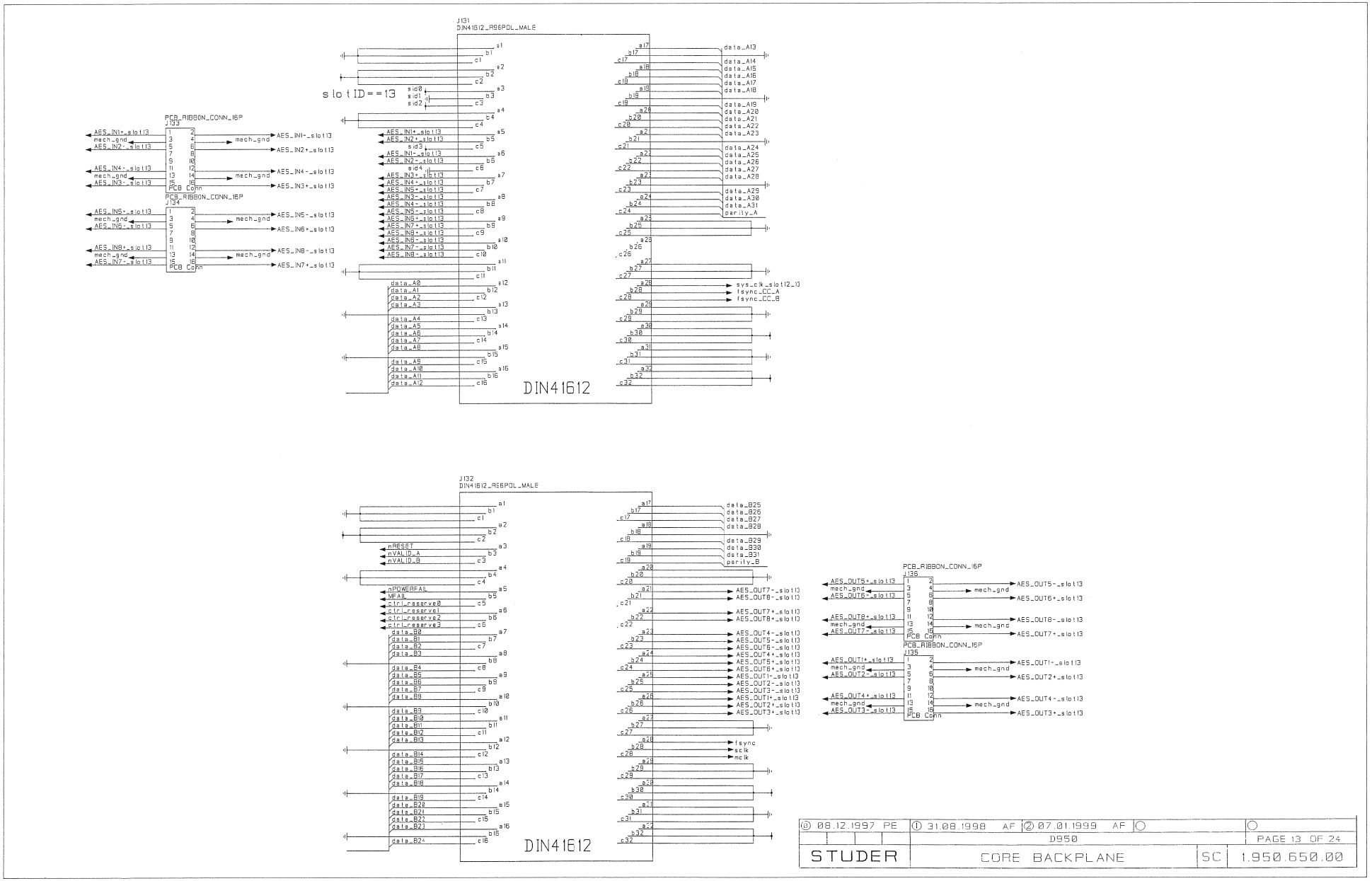
Core Back Plane 1.950.650.00



Core Back Plane 1.950.650.00



Core Back Plane 1.950.650.00



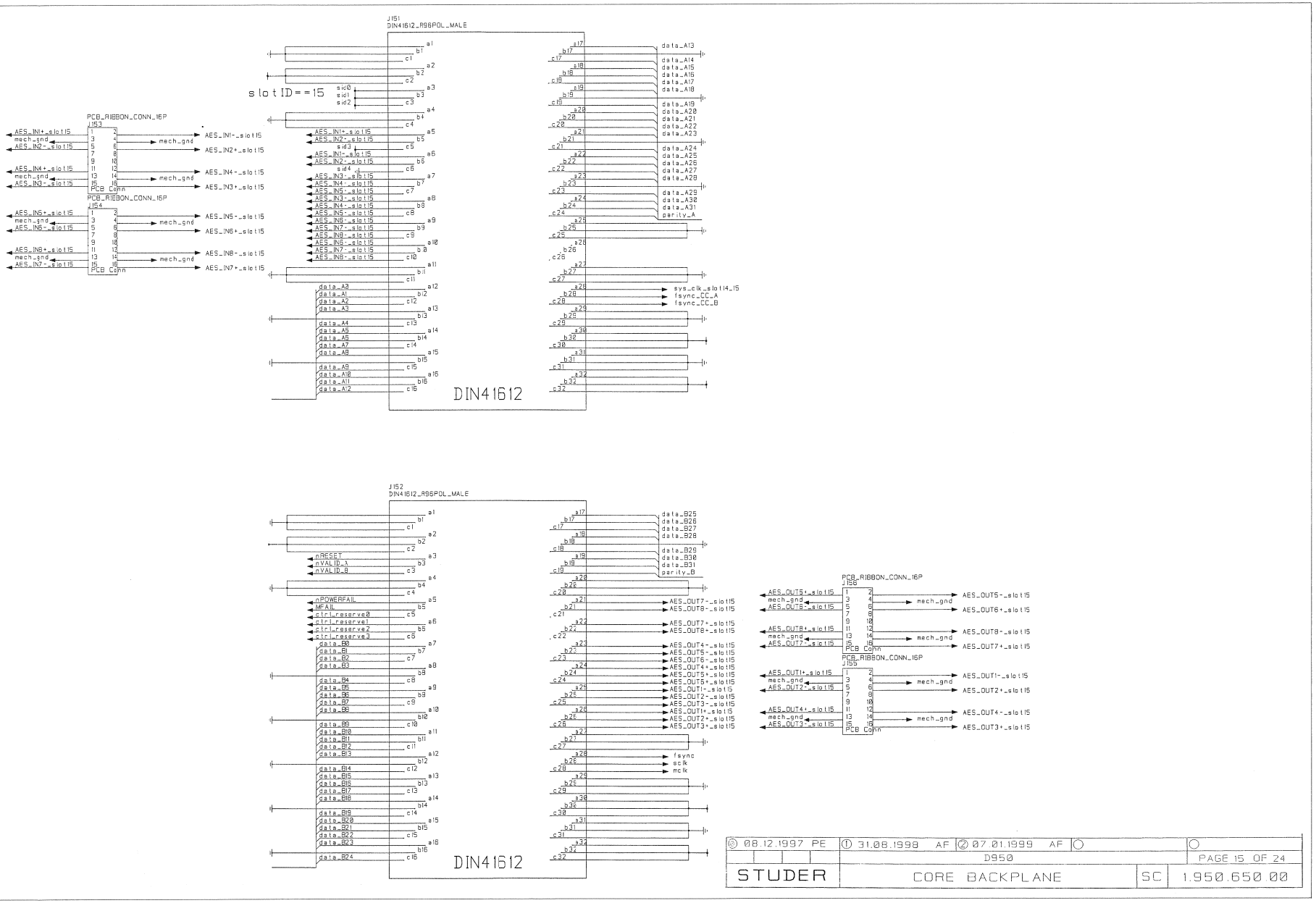
⓪ 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	
D950			PAGE 13 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

Core Back Plane 1.950.650.00

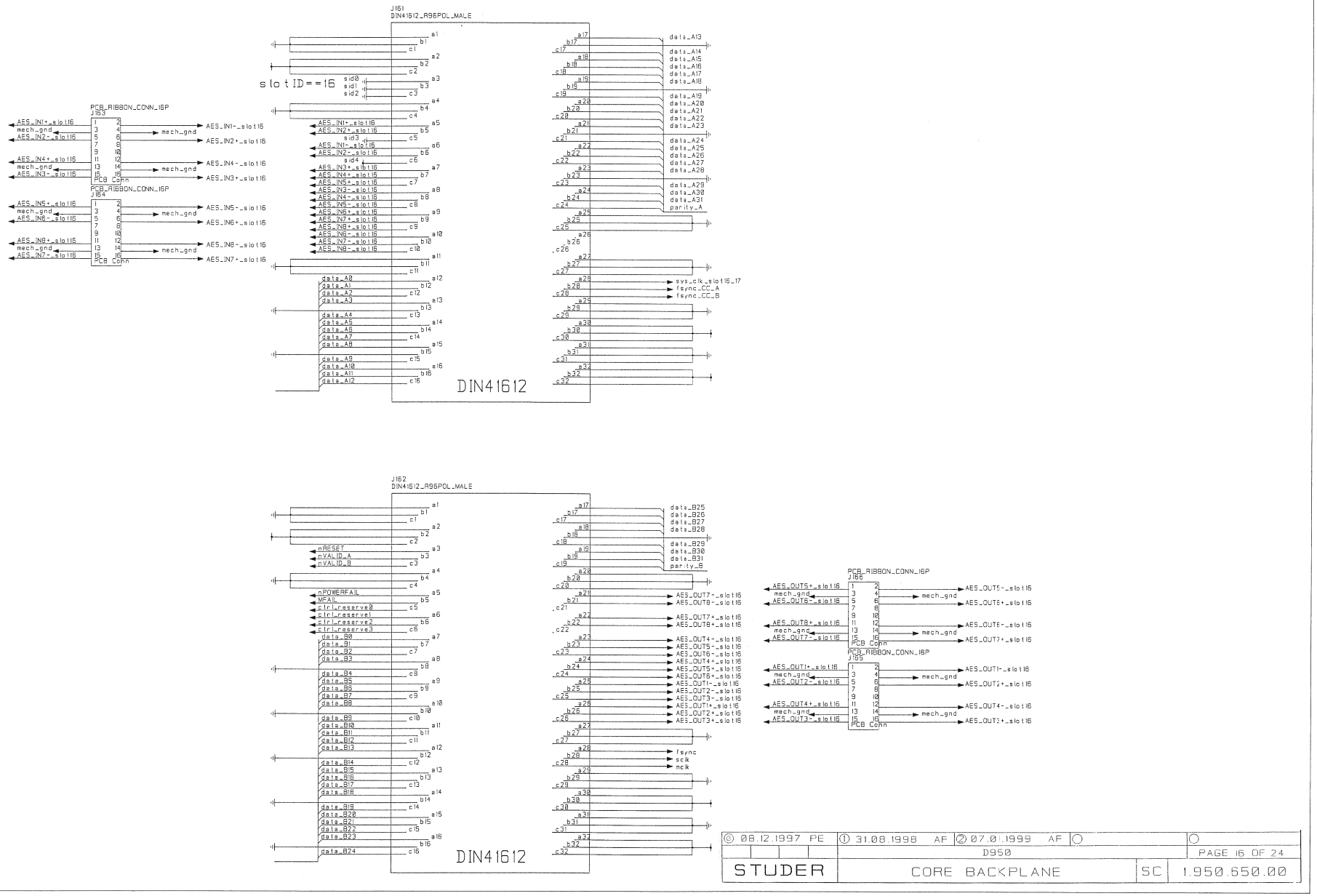


© 08.2.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	○
	D950		PAGE 14 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

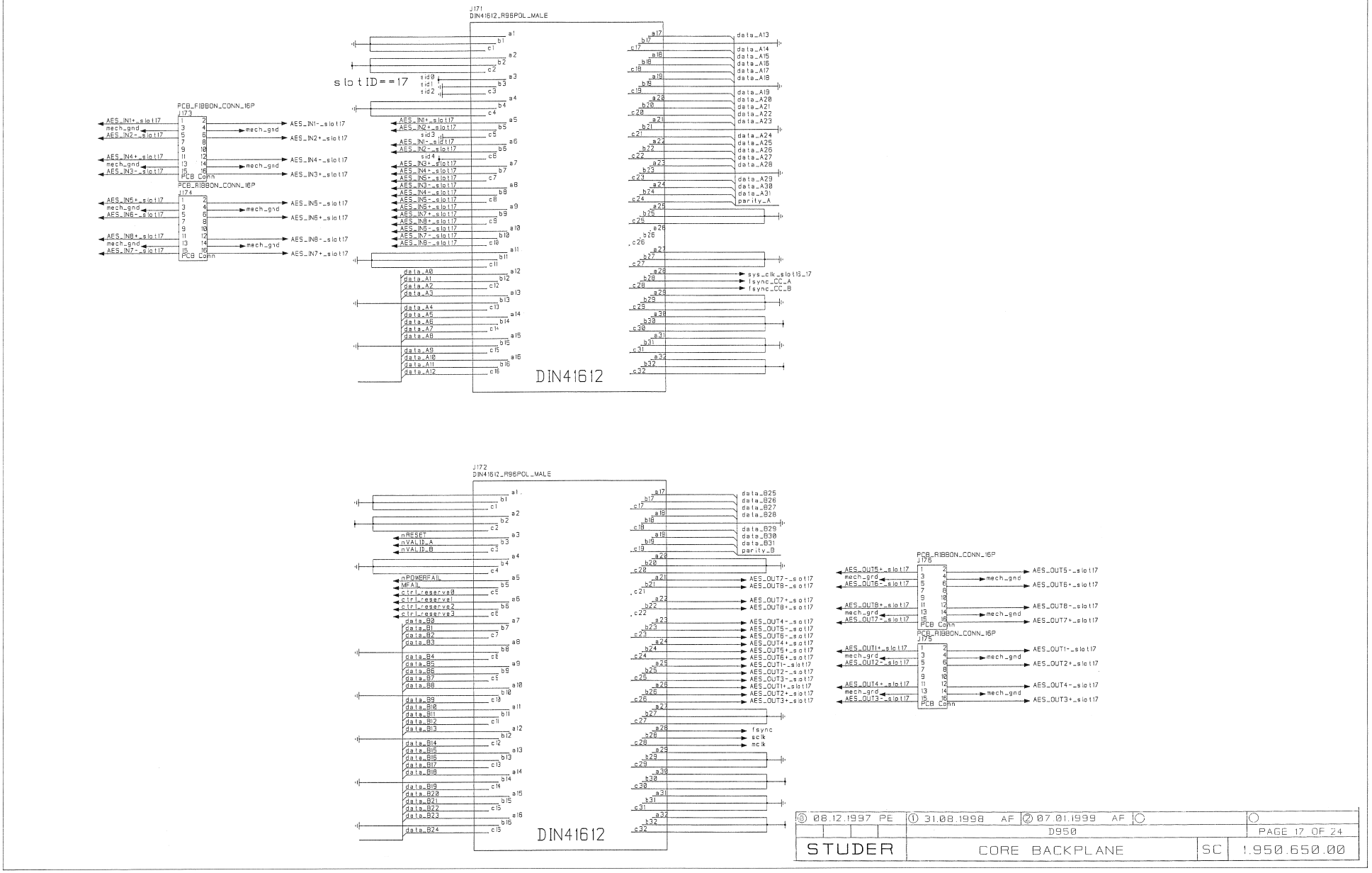
Core Back Plane 1.950.650.00



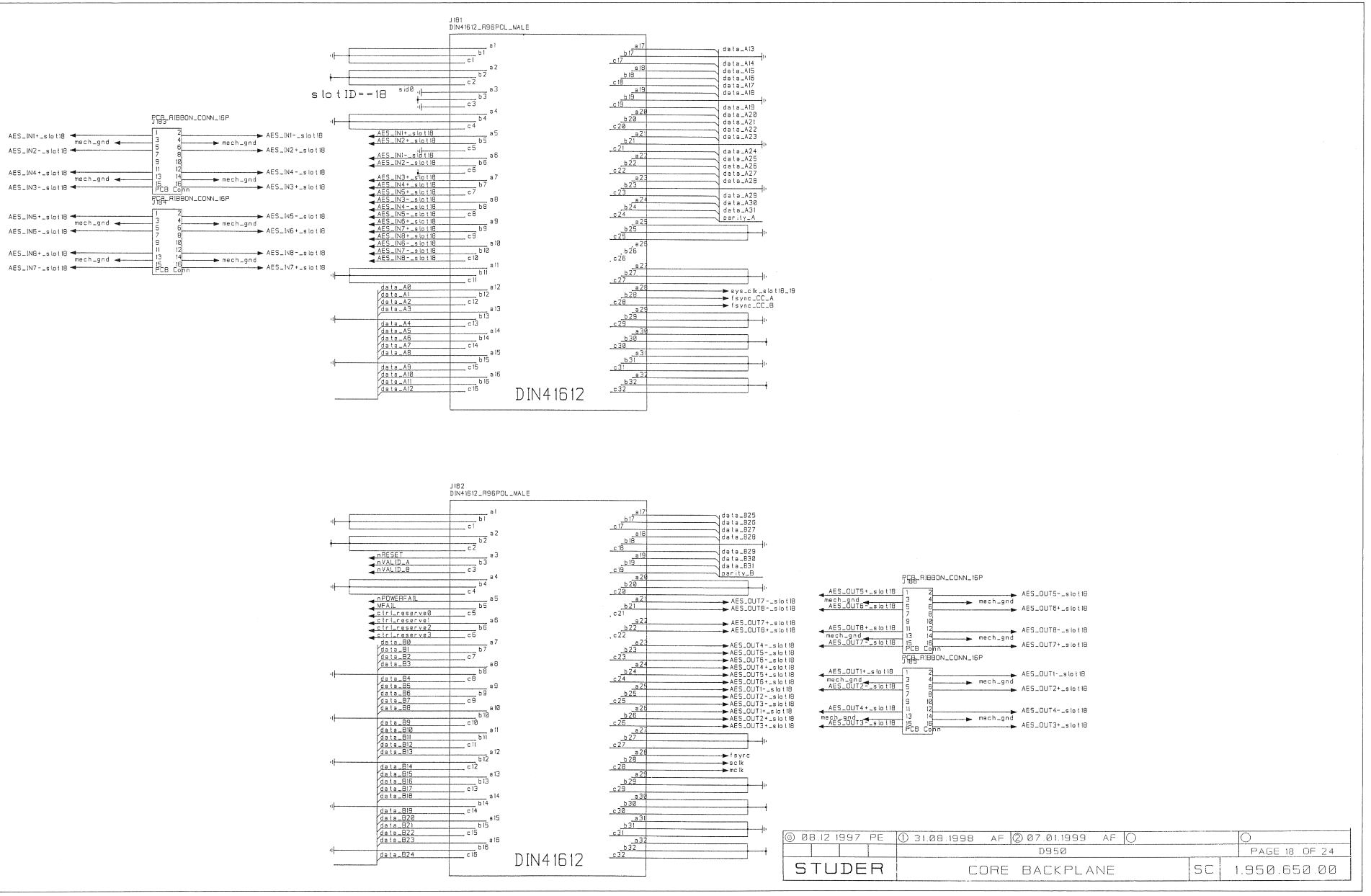
Core Back Plane 1.950.650.00



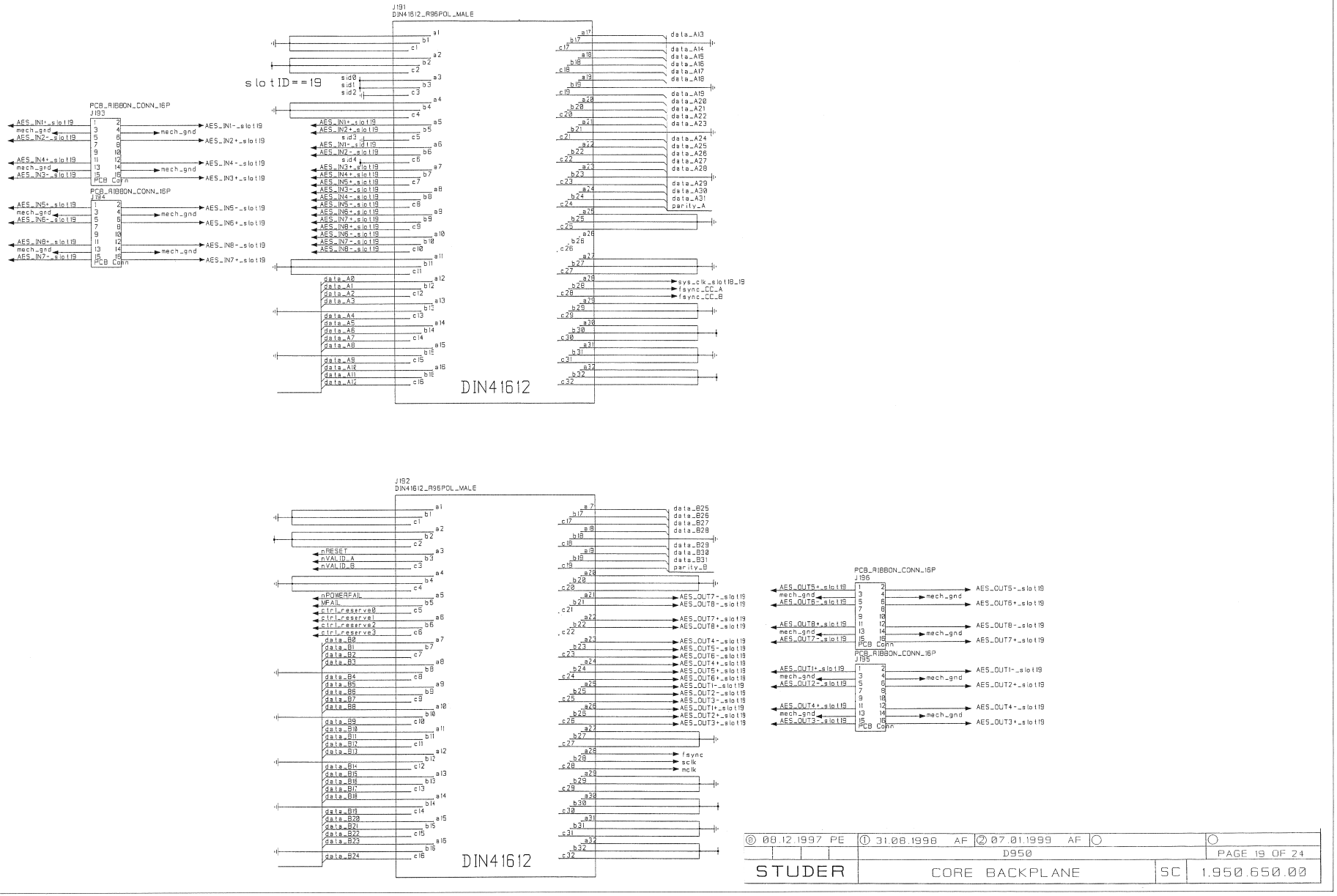
Core Back Plane 1.950.650.00



Core Back Plane 1.950.650.00

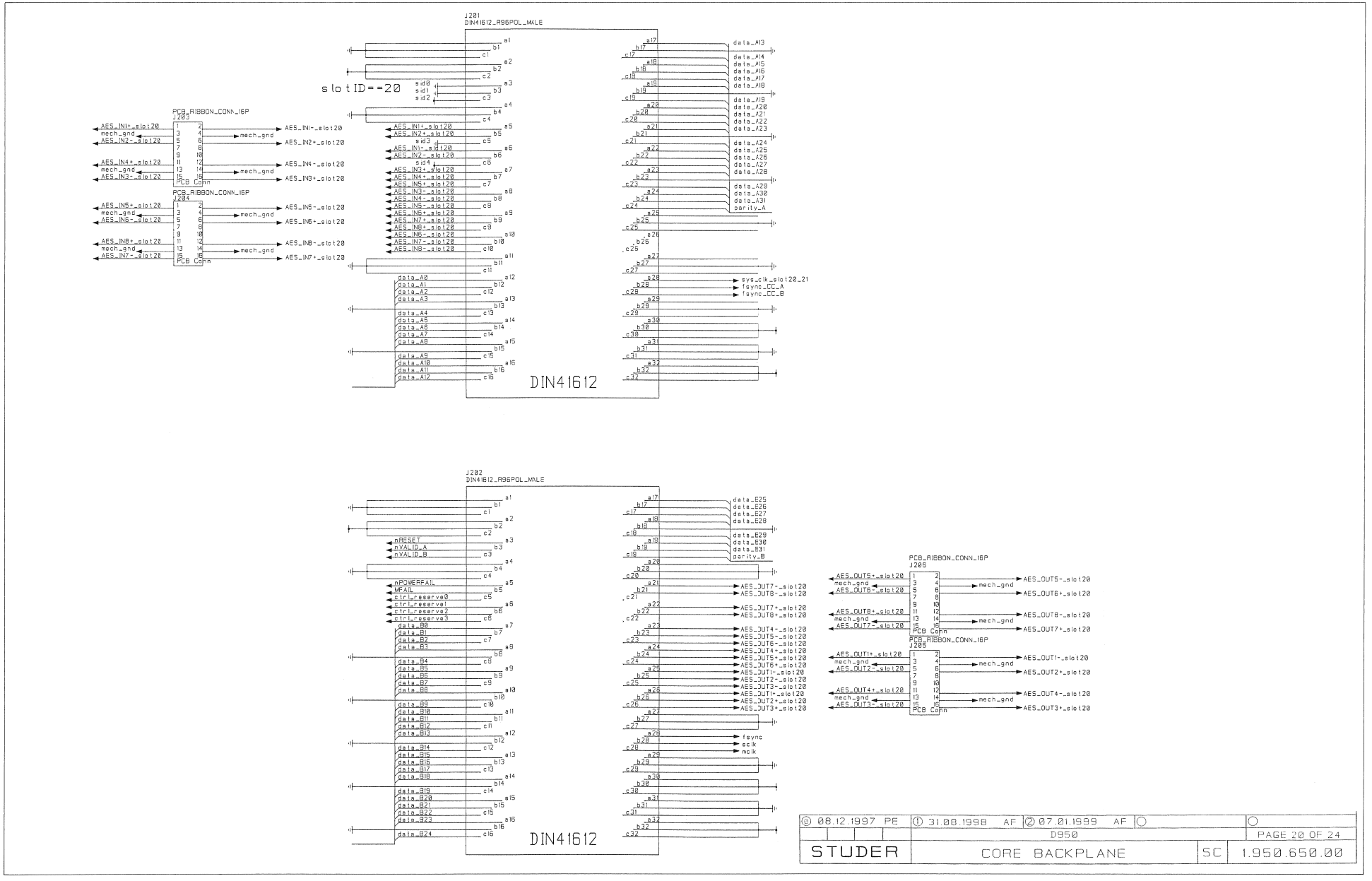


Core Back Plane 1.950.650.00



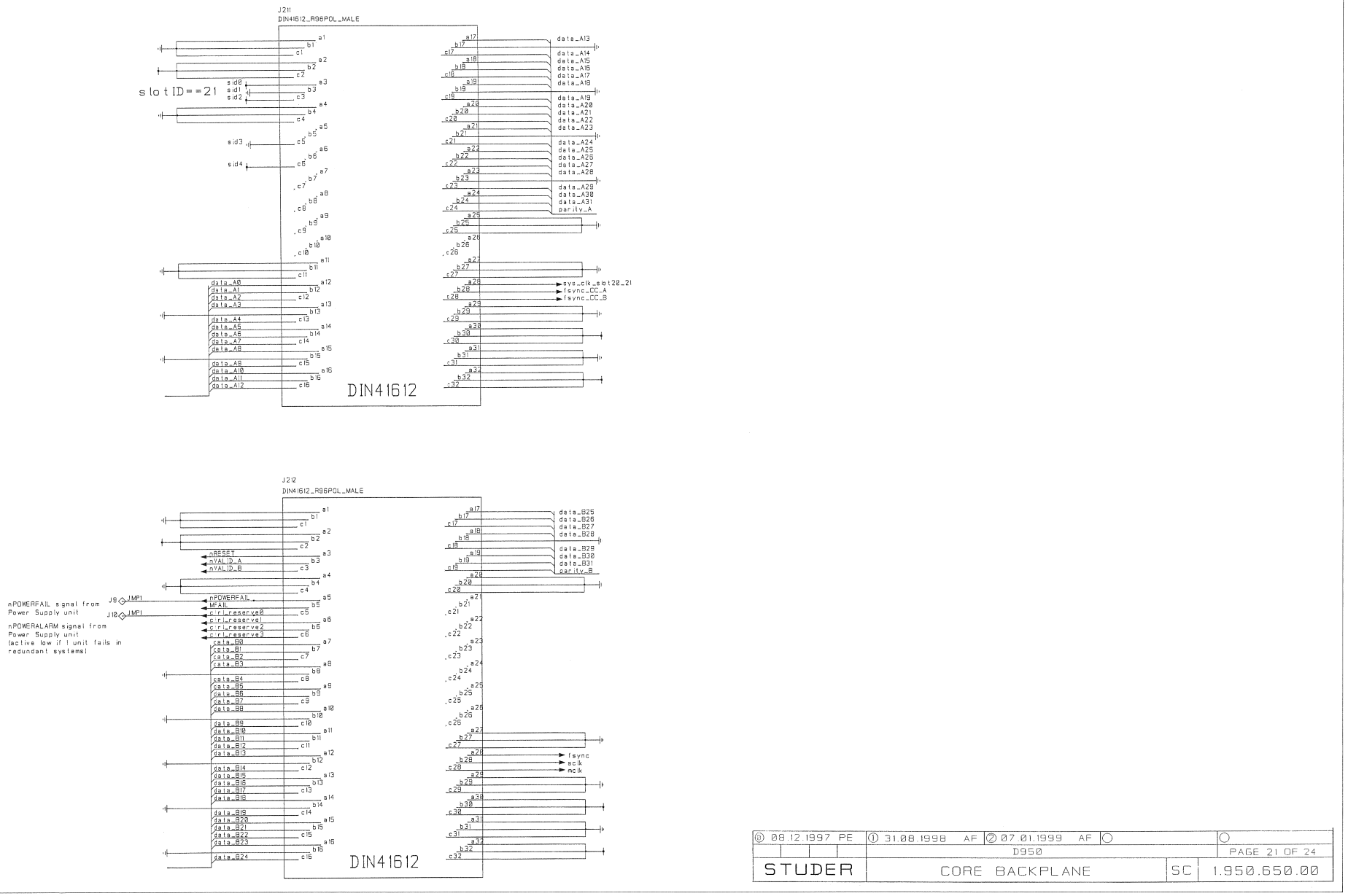
ⓑ 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	○	○
	D950			PAGE 19 OF 24
STUDER	CORE BACKPLANE		SC	1.950.650.00

Core Back Plane 1.950.650.00



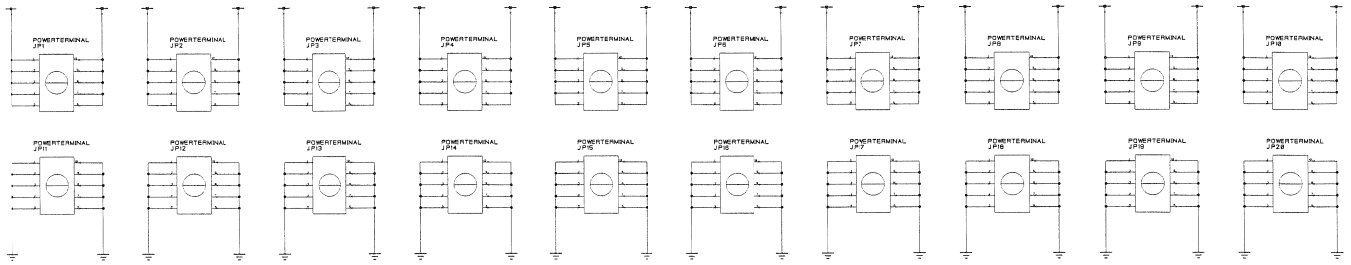
⓪ 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	
	D950		PAGE 20 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

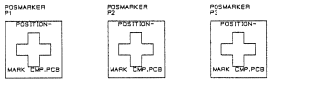
Core Back Plane 1.950.650.00

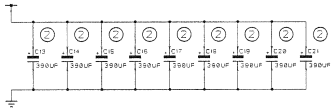


0 08.12.1997 PE	1 31.08.1998 AF	2 07.01.1999 AF	
	D950		PAGE 21 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

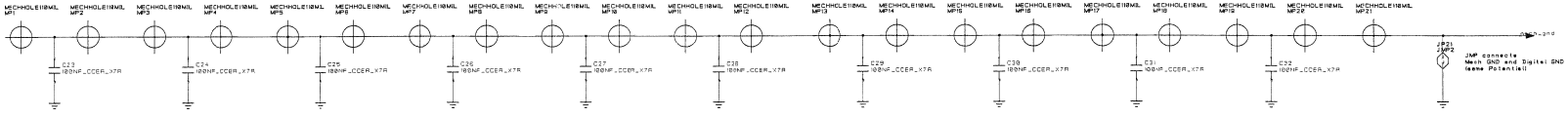
Core Back Plane 1.950.650.00



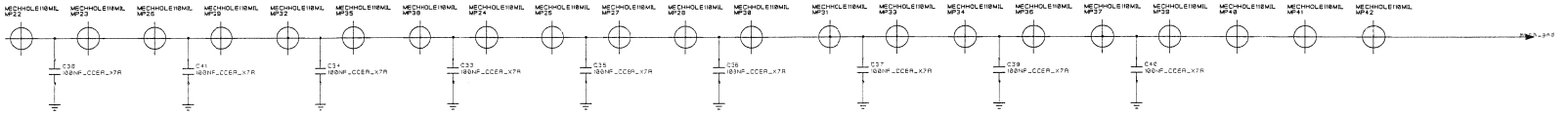




TOP ROW MECH HOLES



BOTTOM ROW MECH HOLES



MIDDLE ROW MECH HOLES

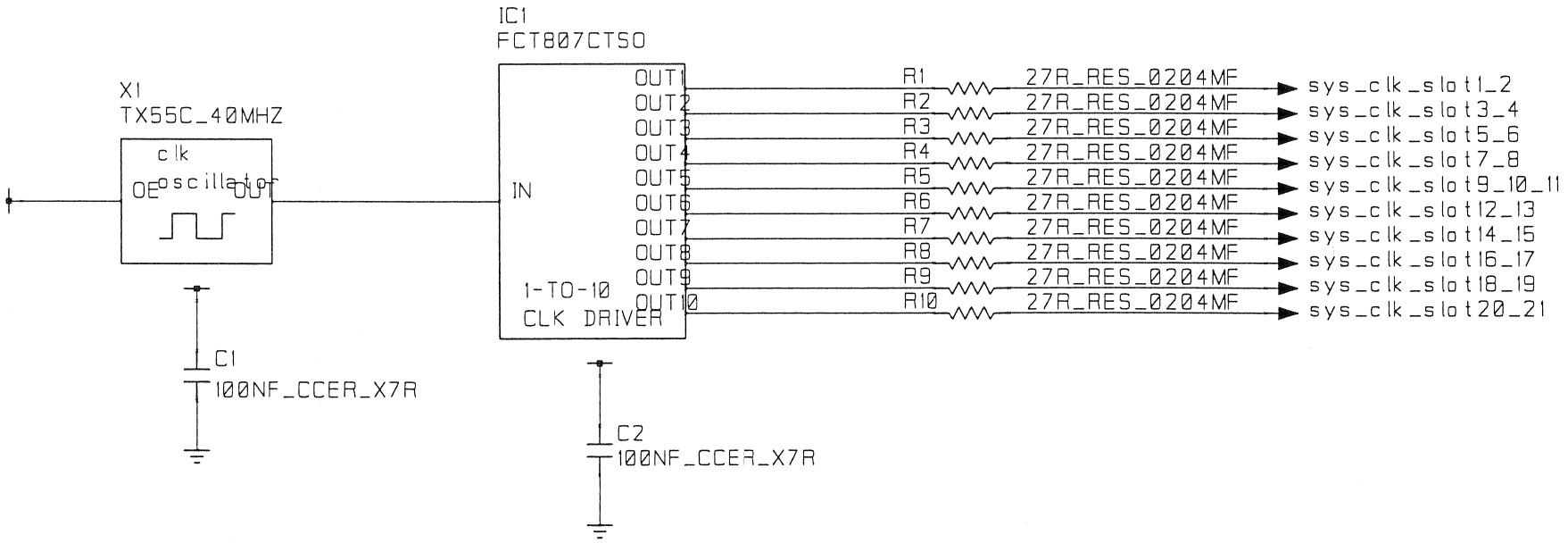


mechanical holes for PCB fixation

Rem: 100nF Cap build low impedance path
between Mech Gnd and Digital Gnd
for high frequency EMI disturbances

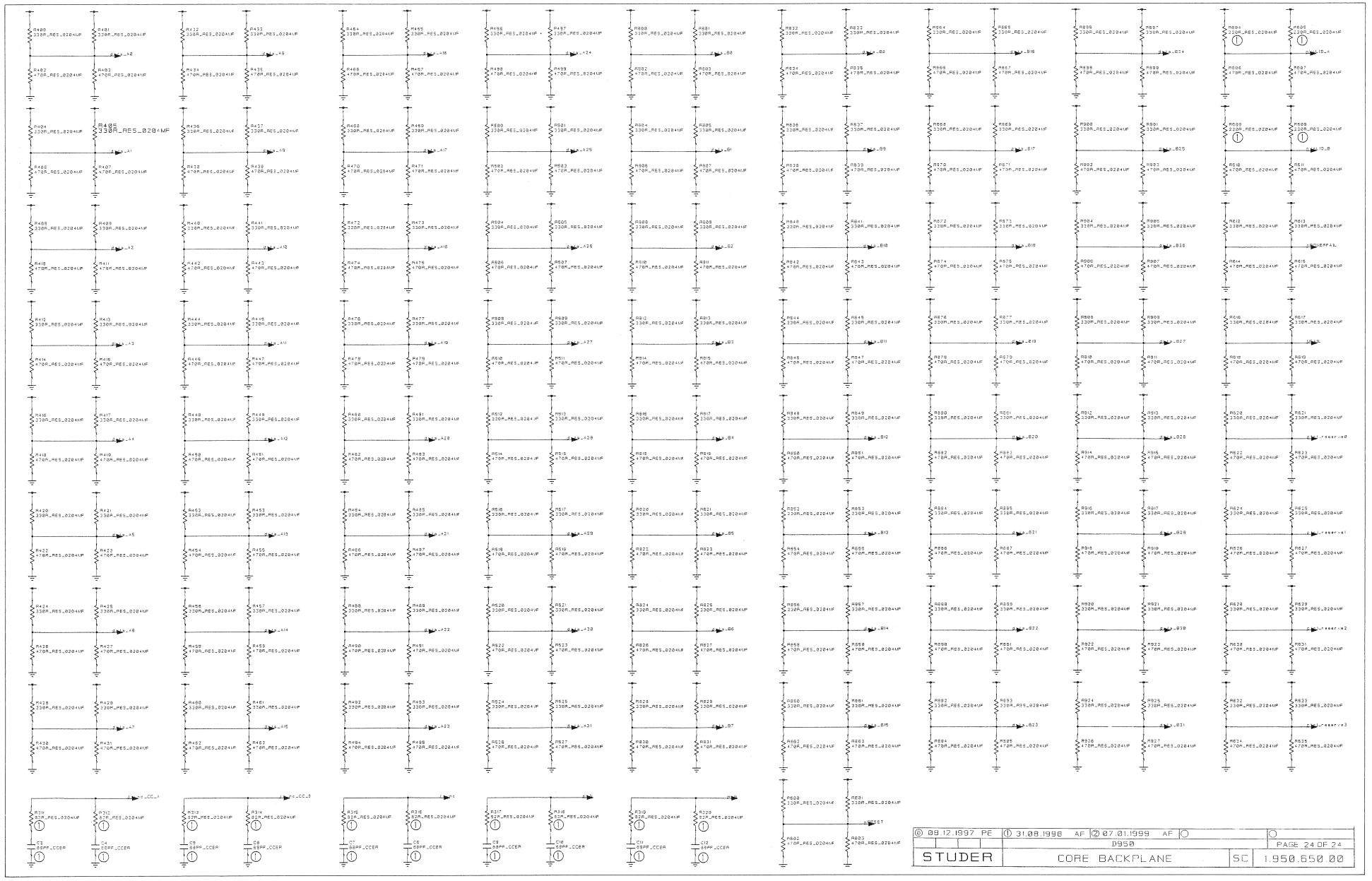
⓪ 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	○
	D950		PAGE 22.0F 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

Core Back Plane 1.950.650.00

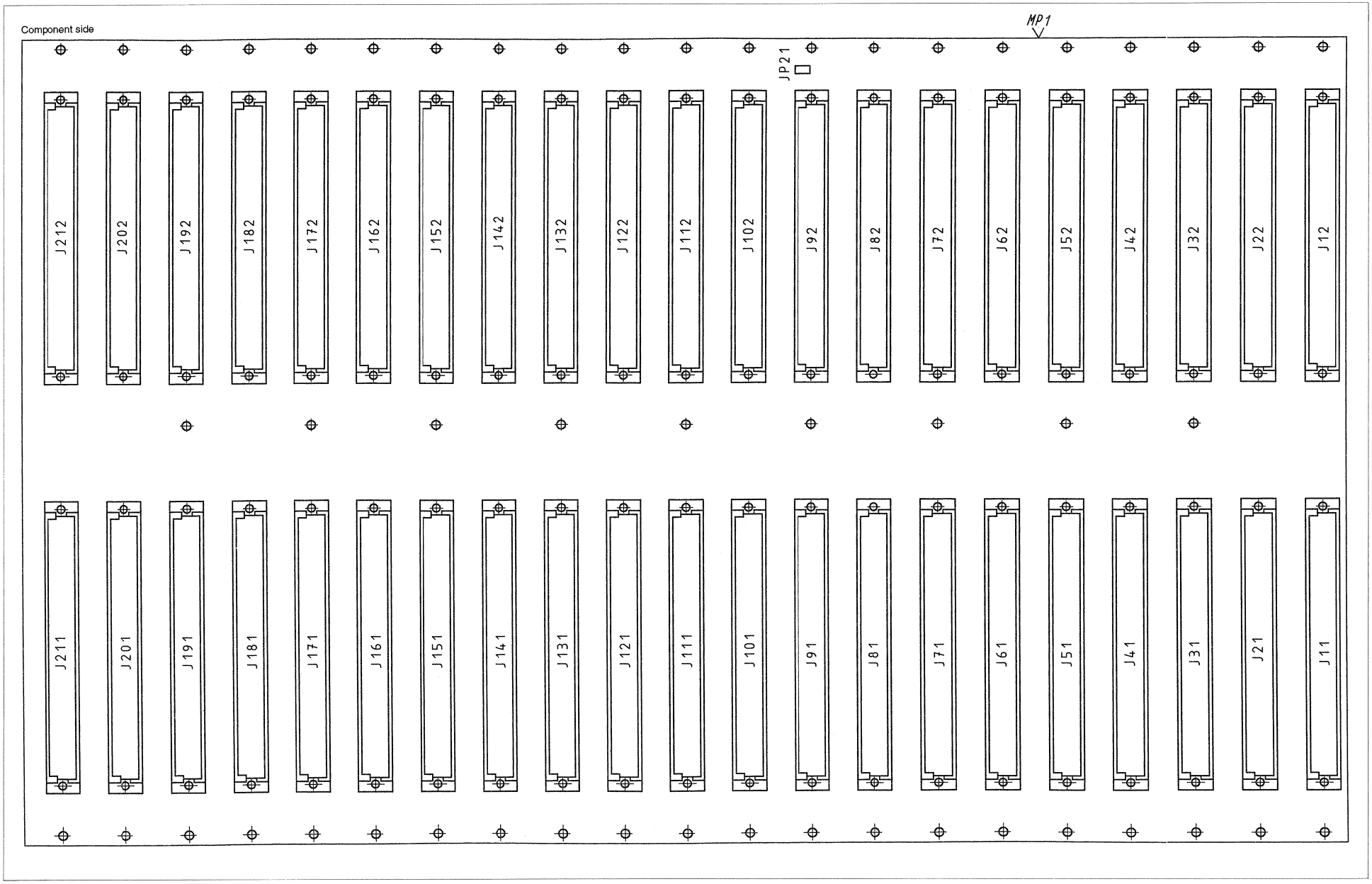


⓪ 08.12.1997 PE	① 31.08.1998 AF	② 07.01.1999 AF	
	D950		PAGE 23 OF 24
STUDER	CORE BACKPLANE	SC	1.950.650.00

Core Back Plane 1.950.650.00

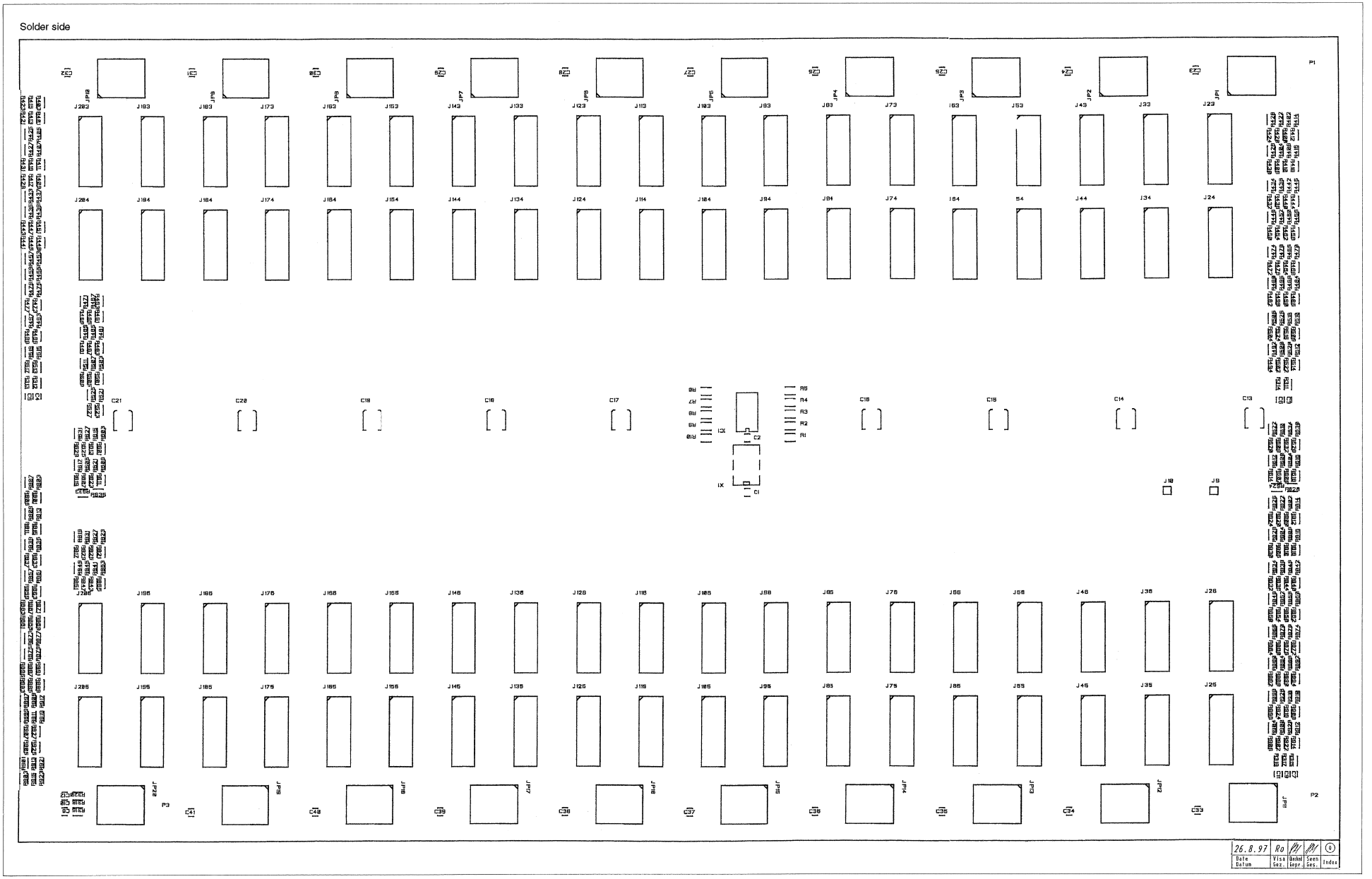


Core Back Plane 1.950.650.00



Core Back Plane 1.950.650.00

Solder side



Core Back Plane 1.950.650.00

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
1	C 3	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 4	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 5	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 6	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 7	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 8	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 9	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 10	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 11	59.60.2345		68p	CER 50V, 5%, C0G, 0805
1	C 12	59.60.2345		68p	CER 50V, 5%, C0G, 0805
2	C 13	59.22.9592		390u	EL 6.3V, 20%, RM5, low ESR
2	C 14	59.22.9592		390u	EL 6.3V, 20%, RM5, low ESR
2	C 15	59.22.9592		390u	EL 6.3V, 20%, RM5, low ESR
2	C 16	59.22.9592		390u	EL 6.3V, 20%, RM5, low ESR
2	C 17	59.22.9592		390u	EL 6.3V, 20%, RM5, low ESR
2	C 18	59.22.9532		390u	EL 6.3V, 20%, RM5, low ESR
2	C 19	59.22.9532		390u	EL 6.3V, 20%, RM5, low ESR
2	C 20	59.22.9532		390u	EL 6.3V, 20%, RM5, low ESR
2	C 21	59.22.9532		390u	EL 6.3V, 20%, RM5, low ESR
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 35	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 36	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 37	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 41	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	IC 1	50.62.6907		74FCT807	Share Clock-Driver
0	J 9	54.01.0020		1p	Pin 0.63*0.63
0	J 10	54.01.0020		1p	Pin 0.63*0.63
0	J 11	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 12	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 21	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 22	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 23	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 24	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 25	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 26	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 31	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 32	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 33	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 34	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 35	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 36	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 41	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
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0	J 43	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 44	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 45	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 46	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 51	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 52	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 53	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 54	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 55	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 56	54.14.4016		16p	1/20" Au, gerade, Actionpin
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0	J 64	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 65	54.14.4016		16p	1/20" Au, gerade, Actionpin
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0	J 73	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 74	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 75	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 76	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 81	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 82	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
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0	J 84	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 85	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 86	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 91	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 92	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 93	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 94	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 95	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 96	54.14.4016		13p	1/20" Au, gerade, Actionpin
0	J 101	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 102	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 103	54.14.4016		13p	1/20" Au, gerade, Actionpin
0	J 104	54.14.4016		13p	1/20" Au, gerade, Actionpin
0	J 105	54.14.4016		13p	1/20" Au, gerade, Actionpin
0	J 106	54.14.4016		13p	1/20" Au, gerade, Actionpin
0	J 111	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 112	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 113	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 114	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 115	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 116	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 121	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 122	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 123	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 124	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 125	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 126	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 131	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 132	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 133	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 134	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 135	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 136	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 141	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 142	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 143	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 144	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 145	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 146	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 151	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 152	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 153	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 154	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 155	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 156	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 161	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 162	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 163	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 164	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 165	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 166	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 171	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 172	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 173	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 174	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 175	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 176	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 181	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 182	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 183	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 184	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 185	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 186	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 191	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 192	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 193	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 194	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 195	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 196	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 201	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 202	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 203	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 204	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 205	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 206	54.14.4016		16p	1/20" Au, gerade, Actionpin
0	J 211	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 212	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	JP 1	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 2	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 3	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 4	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 5	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 6	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 7	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 8	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 9	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 10	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 11	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 12	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 13	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 14	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 15	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 16	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 17	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 18	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 19	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 20	53.05.0147		1p	Kabelklemme mit 10 Action-Pins
0	JP 21	54.01.0020		1p	Pin 0.63*0.63
0	MP 1	1.950.650.11			BACK PLANE PCB
0	MP 2	1.950.650.04			NR. ETIKETTE 5 * 20
0	R 1	57.60.1560		56R	MF, 1%, 0204, E24
0	R 2	57.60.1560		56R	MF, 1%, 0204, E24
0	R 3	57.60.1560		56R	MF, 1%, 0204, E24
0	R 4	57.60.1560		56R	MF, 1%, 0204, E24
0	R 5	57.60.1560		56R	MF, 1%, 0204, E24
0	R 6	57.60.1560		56R	MF, 1%, 0204, E24
0	R 7	57.60.1560		56R	MF, 1%, 0204, E24
0	R 8	57.60.1560		56R	MF, 1%, 0204, E24
0	R 9	57.60.1560		56R	MF, 1%, 0204, E24
0	R 10	57.60.1560		56R	MF, 1%, 0204, E24
1	R 311	57.60.1820		82R	MF, 1%, 0204, E24
1	R 312	57.60.1820		82R	MF, 1%, 0204, E24
1	R 313	57.60.1820		82R	MF, 1%, 0204, E24
1	R 314	57.60.1820		82R	MF, 1%, 0204, E24
1	R 315	57.60.1820		82R	MF, 1%, 0204, E24
1	R 316	57.60.1820		82R	MF, 1%, 0204, E24
1	R 317	57.60.1820		82R	MF, 1%, 0204, E24
1	R 318	57.60.1820		82R	MF, 1%, 0204, E24
1	R 319	57.60.1820		82R	MF, 1%, 0204, E24
1	R 320	57.60.1820		82R	MF, 1%, 0204, E24
0	R 400	57.60.1331		330R	MF, 1%, 0204, E24
0	R 401	57.60.1331		330R	MF, 1%, 0204, E24
0	R 402	57.60.1471		470R	MF, 1%, 0204, E24
0	R 403	57.60.1471		470R	MF, 1%, 0204, E24
0	R 404	57.60.1331		330R	MF, 1%, 0204, E24
0	R 405	57.60.1331		330R	MF, 1%, 0204, E24
0	R 406	57.60.1471		470R	MF, 1%, 0204, E24
0	R 407	57.60.1471		470R	MF, 1%, 0204, E24
0	R 408	57.60.1331		330R	MF, 1%, 0204, E24
0	R 409	57.60.1331		330R	MF, 1%, 0204, E24
0	R 410	57.60.1471		470R	MF, 1%, 0204, E24
0	R 411	57.60.1471		470R	MF, 1%, 0204, E24
0	R 412	57.60.1331		330R	MF, 1%, 0204, E24
0	R 413	57.60.1331		330R	MF, 1%, 0204, E24
0	R 414	57.60.1471		470R	MF, 1%, 0204, E24
0	R 415	57.60.1471		470R	MF, 1%, 0204, E24
0	R 416	57.60.1331		330R	MF, 1%, 0204, E24
0	R 417	57.60.1331		330R	MF, 1%, 0204, E24
0	R 418	57.60.1471		470R	MF, 1%, 0204, E24
0	R 419	57.60.1471		470R	MF, 1%, 0204, E24
0	R 420	57.60.1331		330R	MF, 1%, 0204, E24
0	R 421	57.60.1331		330R	MF, 1%, 0204, E24
0	R 422	57.60.1471		470R	MF, 1%, 0204, E24
0	R 423	57.60.1471		470R	MF, 1%, 0204, E24
0	R 424	57.60.1331		330R	MF, 1%, 0204, E24
0	R 425	57.60.1331		330R	MF, 1%, 0204, E24
0	R 426	57.60.1471		470R	MF, 1%, 0204, E24
0	R 427	57.60.1471		470R	MF, 1%, 0204, E24
0	R 428	57.60.1331		330R	MF, 1%, 0204, E24
0	R 429	57.60.1331		330R	MF, 1%, 0204, E24
0	R 430	57.60.1471		470R	MF, 1%, 0204, E24
0	R 431	57.60.1471		470R	MF, 1%, 0204, E24
0	R 432	57.60.1331		330R	MF, 1%, 0204, E24
0	R 433	57.60.1331		330R	MF, 1%, 0204, E24
0	R 434	57.60.1471		470R	MF, 1%, 0204, E24
0	R 435	57.60.1471		470R	MF, 1%, 0204, E24
0	R 436	57.60.1331		330R	MF, 1%, 0204, E24
0	R 437	57.60.1331		330R	MF, 1%, 0204, E24
0	R 438	57.60.1471		470R	MF, 1%, 0204, E24
0	R 439	57.60.1471		470R	MF, 1%, 0204, E24
0	R 440	57.60.1331		330R	MF, 1%, 0204, E24
0	R 441	57.60.1331		330R	MF, 1%, 0204, E24
0	R 442	57.60.1471		470R	MF, 1%, 0204, E24
0	R 443	57.60.1471		470R	MF, 1%, 0204, E24
0	R 444	57.60.1331		330R	MF, 1%, 0204, E24
0	R 445	57.60.1331		330R	MF, 1%, 0204, E24
0	R 446	57.60.1471		470R	MF, 1%, 0204, E24
0	R 447	57.60.1471		470R	MF, 1%, 0204, E24
0	R 448	57.60.1331		330R	MF, 1%, 0204, E24
0	R 449	57.60.1331		330R	MF, 1%, 0204, E24
0	R 450	57.60.1471		470R	MF, 1%, 0204, E24
0	R 451	57.60.1471		470R	MF, 1%, 0204, E24
0	R 452	57.60.1331		330R	MF, 1%, 0204, E24
0	R 453	57.60.1331		330R	MF, 1%, 0204, E24
0	R 454	57.60.1471		470R	MF, 1%, 0204, E24
0	R 455	57.60.1471		470R	MF, 1%, 0204, E24
0	R 456	57.60.1331		330R	MF, 1%, 0204, E24
0	R 457	57.60.1331		330R	MF, 1%, 0204, E24
0	R 458	57.60.1471		470R	MF, 1%, 0204, E24
0	R 459	57.60.1471		470R	MF, 1%, 0204, E24
0	R 460	57.60.1331		330R	MF, 1%, 0204, E24
0	R 461	57.60.1331		330R	MF, 1%, 0204, E24
0	R 462	57.60.1471		470R	MF, 1%, 0204, E24
0	R 463	57.60.1471		470R	MF, 1%, 0204, E24
0	R 464	57.60.1331		330R	MF, 1%, 0204, E24
0	R 465	57.60.1331		330R	MF, 1%, 0204, E24
0	R 466	57.60.1471		470R	MF, 1%, 0204, E24
0	R 467	57.60.1471		470R	MF, 1%, 0204, E24
0	R 468	57.60.1331		330R	MF, 1%, 0204, E24
0	R 469	57.60.1331		330R	MF, 1%, 0204, E24
0	R 470	57.60.1471		470R	MF, 1%, 0204, E24
0	R 471	57.60.1471		470R	MF, 1%, 0204, E24
0	R 472	57.60.1331		330R	MF, 1%, 0204, E24
0	R 473	57.60.1331		330R	MF, 1%, 0204, E24
0	R 474	57.60.1471		470R	MF, 1%, 0204, E24
0	R 475	57.60.1471		470R	MF, 1%, 0204, E24
0	R 476	57.60.1331		330R	MF, 1%, 0204, E24
0	R 477	57.60.1331		330R	MF, 1%, 0204, E24
0	R 478	57.60.1471		470R	MF, 1%, 0204, E24
0	R 479	57.60.1471		470R	MF, 1%, 0204, E24
0	R 480	57.60.1331		330R	MF, 1%, 0204, E24
0	R 481	57.60.1331		330R	MF, 1%, 0204, E24
0	R 482	57.60.1471		470R	MF, 1%, 0204, E24
0	R 483	57.60.1471		470R	MF, 1%, 0204, E24
0	R 484	57.60.1331		330R	MF, 1%, 0204, E24
0	R 485	57.60.1331		330R	MF, 1%, 0204, E24
0	R 486	57.60.1471		470R	MF, 1%, 0204, E24
0	R 487	57.60.1471		470R	MF, 1%, 0204, E24
0	R 488	57.60.1331		330R	MF, 1%, 0204, E24
0	R 489	57.60.1331		330R	MF, 1%, 0204, E24
0	R 490	57.60.1471		470R	MF, 1%, 0204, E24
0	R 491	57.60.1471		470R	MF, 1%, 0204, E24
0	R 492	57.60.1331		330R	MF, 1%, 0204, E24
0	R 493	57.60.1331		330R	MF, 1%, 0204, E24
0	R 494	57.60.1471		470R	MF, 1%, 0204, E24
0	R 495	57.60.1471		470R	MF, 1%, 0204, E24
0	R 496	57.60.1331		330R	MF, 1%, 0204, E24
0	R 497	57.60.1331		330R	MF, 1%, 0204, E24
0	R 498	57.60.1471		470R	MF, 1%, 0204, E24
0	R 499	57.60.1471		470R	MF, 1%, 0204, E24
0	R 500	57.60.1331		330R	MF, 1%, 0204, E24
0	R 501	57.60.1331		330R	MF, 1%, 0204, E24
0	R 502	57.60.1471		470R	MF, 1%, 0204, E24
0	R 503	57.60.1471		470R	MF, 1%, 0204, E24
0	R 504	57.60.1331		330R	MF, 1%, 0204, E24
0	R 505	57.60.1331		330R	MF, 1%, 0204, E24
0	R 506	57.60.1471		470R	MF, 1%, 0204, E24
0	R 507	57.60.1471		470R	MF, 1%, 0204, E24
0	R 508	57.60.1331		330R	MF, 1%, 0204, E24
0	R 509	57.60.1331		330R	MF, 1%, 0204, E24
0	R 510	57.60.1471		470R	MF, 1%, 0204, E24
0	R 511	57.60.1471		470R	MF, 1%, 0204, E24
0	R 512	57.60.1331		330R	MF, 1%, 0204, E24
0	R 513	57.60.1331		330R	MF, 1%, 0204, E24
0	R 514	57.60.1471		470R	MF, 1%, 0204, E24
0	R 515	57.60.1471		470R	MF, 1%, 0204, E24
0	R 516	57.60.1331		330R	MF, 1%, 0204, E24
0	R 517	57.60.1331		330R	MF, 1%, 0204, E24
0	R 518	57.60.1471		470R	MF, 1%, 0204, E24
0	R 519	57.60.1471		470R	MF, 1%, 0204, E24
0	R 520	57.60.1331		330R	MF, 1%, 0204, E24
0	R 521	57.60.1331		330R	MF, 1%, 0204, E24
0	R 522	57.60.1471		470R	MF, 1%, 0204, E24
0	R 523	57.60.1471		470R	MF, 1%, 0204, E24
0	R 524	57.60.1331		330R	MF, 1%, 0204, E24
0	R 525	57.60.1331		330R	MF, 1%, 0204, E24
0	R 526	57.60.1471		470R	MF, 1%, 0204, E24
0	R 527	57.60.1471		470R	MF, 1%, 0204, E24
0	R 600	57.60.1331		330R	MF, 1%, 0204, E24
0	R 601	57.60.1331		330R	MF, 1%, 0204, E24
0	R 602	57.60.1471		470R	MF, 1%, 0204, E24
0	R 603	57.60.1471		470R	MF, 1%, 0204, E24
1	R 604	57.60.1221		220R	MF, 1%, 0204, E24
1	R 605	57.60.1221		220R	MF, 1%, 0204, E24
0	R 606	57.60.1471		470R	MF, 1%, 0204, E24

Core Back Plane 1.950.650.00

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 607	57.60.1471		470R	MF, 1%, 0204, E24
1	R 608	57.60.1221		220R	MF, 1%, 0204, E24
1	R 609	57.60.1221		220R	MF, 1%, 0204, E24
0	R 610	57.60.1471		470R	MF, 1%, 0204, E24
0	R 611	57.60.1471		470R	MF, 1%, 0204, E24
0	R 612	57.60.1331		330R	MF, 1%, 0204, E24
0	R 613	57.60.1331		330R	MF, 1%, 0204, E24
0	R 614	57.60.1471		470R	MF, 1%, 0204, E24
0	R 615	57.60.1471		470R	MF, 1%, 0204, E24
0	R 616	57.60.1331		330R	MF, 1%, 0204, E24
0	R 617	57.60.1331		330R	MF, 1%, 0204, E24
0	R 618	57.60.1471		470R	MF, 1%, 0204, E24
0	R 619	57.60.1471		470R	MF, 1%, 0204, E24
0	R 620	57.60.1331		330R	MF, 1%, 0204, E24
0	R 621	57.60.1331		330R	MF, 1%, 0204, E24
0	R 622	57.60.1471		470R	MF, 1%, 0204, E24
0	R 623	57.60.1471		470R	MF, 1%, 0204, E24
0	R 624	57.60.1331		330R	MF, 1%, 0204, E24
0	R 625	57.60.1331		330R	MF, 1%, 0204, E24
0	R 626	57.60.1471		470R	MF, 1%, 0204, E24
0	R 627	57.60.1471		470R	MF, 1%, 0204, E24
0	R 628	57.60.1331		330R	MF, 1%, 0204, E24
0	R 629	57.60.1331		330R	MF, 1%, 0204, E24
0	R 630	57.60.1471		470R	MF, 1%, 0204, E24
0	R 631	57.60.1471		470R	MF, 1%, 0204, E24
0	R 632	57.60.1331		330R	MF, 1%, 0204, E24
0	R 633	57.60.1331		330R	MF, 1%, 0204, E24
0	R 634	57.60.1471		470R	MF, 1%, 0204, E24
0	R 635	57.60.1471		470R	MF, 1%, 0204, E24
0	R 800	57.60.1331		330R	MF, 1%, 0204, E24
0	R 801	57.60.1331		330R	MF, 1%, 0204, E24
0	R 802	57.60.1471		470R	MF, 1%, 0204, E24
0	R 803	57.60.1471		470R	MF, 1%, 0204, E24
0	R 804	57.60.1331		330R	MF, 1%, 0204, E24
0	R 805	57.60.1331		330R	MF, 1%, 0204, E24
0	R 806	57.60.1471		470R	MF, 1%, 0204, E24
0	R 807	57.60.1471		470R	MF, 1%, 0204, E24
0	R 808	57.60.1331		330R	MF, 1%, 0204, E24
0	R 809	57.60.1331		330R	MF, 1%, 0204, E24
0	R 810	57.60.1471		470R	MF, 1%, 0204, E24
0	R 811	57.60.1471		470R	MF, 1%, 0204, E24
0	R 812	57.60.1331		330R	MF, 1%, 0204, E24
0	R 813	57.60.1331		330R	MF, 1%, 0204, E24
0	R 814	57.60.1471		470R	MF, 1%, 0204, E24
0	R 815	57.60.1471		470R	MF, 1%, 0204, E24
0	R 816	57.60.1331		330R	MF, 1%, 0204, E24
0	R 817	57.60.1331		330R	MF, 1%, 0204, E24
0	R 818	57.60.1471		470R	MF, 1%, 0204, E24
0	R 819	57.60.1471		470R	MF, 1%, 0204, E24
0	R 820	57.60.1331		330R	MF, 1%, 0204, E24
0	R 821	57.60.1331		330R	MF, 1%, 0204, E24
0	R 822	57.60.1471		470R	MF, 1%, 0204, E24
0	R 823	57.60.1471		470R	MF, 1%, 0204, E24
0	R 824	57.60.1331		330R	MF, 1%, 0204, E24
0	R 825	57.60.1331		330R	MF, 1%, 0204, E24
0	R 826	57.60.1471		470R	MF, 1%, 0204, E24
0	R 827	57.60.1471		470R	MF, 1%, 0204, E24
0	R 828	57.60.1331		330R	MF, 1%, 0204, E24
0	R 829	57.60.1331		330R	MF, 1%, 0204, E24
0	R 830	57.60.1471		470R	MF, 1%, 0204, E24
0	R 831	57.60.1471		470R	MF, 1%, 0204, E24
0	R 832	57.60.1331		330R	MF, 1%, 0204, E24
0	R 833	57.60.1331		330R	MF, 1%, 0204, E24
0	R 834	57.60.1471		470R	MF, 1%, 0204, E24
0	R 835	57.60.1471		470R	MF, 1%, 0204, E24
0	R 836	57.60.1331		330R	MF, 1%, 0204, E24
0	R 837	57.60.1331		330R	MF, 1%, 0204, E24
0	R 838	57.60.1471		470R	MF, 1%, 0204, E24
0	R 839	57.60.1471		470R	MF, 1%, 0204, E24
0	R 840	57.60.1331		330R	MF, 1%, 0204, E24
0	R 841	57.60.1331		330R	MF, 1%, 0204, E24
0	R 842	57.60.1471		470R	MF, 1%, 0204, E24
0	R 843	57.60.1471		470R	MF, 1%, 0204, E24
0	R 844	57.60.1331		330R	MF, 1%, 0204, E24
0	R 845	57.60.1331		330R	MF, 1%, 0204, E24
0	R 846	57.60.1471		470R	MF, 1%, 0204, E24
0	R 847	57.60.1471		470R	MF, 1%, 0204, E24
0	R 848	57.60.1331		330R	MF, 1%, 0204, E24
0	R 849	57.60.1331		330R	MF, 1%, 0204, E24
0	R 850	57.60.1471		470R	MF, 1%, 0204, E24
0	R 851	57.60.1471		470R	MF, 1%, 0204, E24
0	R 852	57.60.1331		330R	MF, 1%, 0204, E24
0	R 853	57.60.1331		330R	MF, 1%, 0204, E24
0	R 854	57.60.1471		470R	MF, 1%, 0204, E24
0	R 855	57.60.1471		470R	MF, 1%, 0204, E24
0	R 856	57.60.1331		330R	MF, 1%, 0204, E24
0	R 857	57.60.1331		330R	MF, 1%, 0204, E24
0	R 858	57.60.1471		470R	MF, 1%, 0204, E24
0	R 859	57.60.1471		470R	MF, 1%, 0204, E24
0	R 860	57.60.1331		330R	MF, 1%, 0204, E24
0	R 861	57.60.1331		330R	MF, 1%, 0204, E24
0	R 862	57.60.1471		470R	MF, 1%, 0204, E24
0	R 863	57.60.1471		470R	MF, 1%, 0204, E24
0	R 864	57.60.1331		330R	MF, 1%, 0204, E24
0	R 865	57.60.1331		330R	MF, 1%, 0204, E24
0	R 866	57.60.1471		470R	MF, 1%, 0204, E24
0	R 867	57.60.1471		470R	MF, 1%, 0204, E24
0	R 868	57.60.1331		330R	MF, 1%, 0204, E24
0	R 869	57.60.1331		330R	MF, 1%, 0204, E24
0	R 870	57.60.1471		470R	MF, 1%, 0204, E24
0	R 871	57.60.1471		470R	MF, 1%, 0204, E24
0	R 872	57.60.1331		330R	MF, 1%, 0204, E24
0	R 873	57.60.1331		330R	MF, 1%, 0204, E24
0	R 874	57.60.1471		470R	MF, 1%, 0204, E24
0	R 875	57.60.1471		470R	MF, 1%, 0204, E24
0	R 876	57.60.1331		330R	MF, 1%, 0204, E24
0	R 877	57.60.1331		330R	MF, 1%, 0204, E24
0	R 878	57.60.1471		470R	MF, 1%, 0204, E24
0	R 879	57.60.1471		470R	MF, 1%, 0204, E24
0	R 880	57.60.1331		330R	MF, 1%, 0204, E24
0	R 881	57.60.1331		330R	MF, 1%, 0204, E24
0	R 882	57.60.1471		470R	MF, 1%, 0204, E24
0	R 883	57.60.1471		470R	MF, 1%, 0204, E24
0	R 884	57.60.1331		330R	MF, 1%, 0204, E24
0	R 885	57.60.1331		330R	MF, 1%, 0204, E24
0	R 886	57.60.1471		470R	MF, 1%, 0204, E24
0	R 887	57.60.1471		470R	MF, 1%, 0204, E24
0	R 888	57.60.1331		330R	MF, 1%, 0204, E24
0	R 889	57.60.1331		330R	MF, 1%, 0204, E24
0	R 890	57.60.1471		470R	MF, 1%, 0204, E24
0	R 891	57.60.1471		470R	MF, 1%, 0204, E24
0	R 892	57.60.1331		330R	MF, 1%, 0204, E24
0	R 893	57.60.1331		330R	MF, 1%, 0204, E24
0	R 894	57.60.1471		470R	MF, 1%, 0204, E24
0	R 895	57.60.1471		470R	MF, 1%, 0204, E24
0	R 896	57.60.1331		330R	MF, 1%, 0204, E24
0	R 897	57.60.1331		330R	MF, 1%, 0204, E24
0	R 898	57.60.1471		470R	MF, 1%, 0204, E24
0	R 899	57.60.1471		470R	MF, 1%, 0204, E24
0	R 900	57.60.1331		330R	MF, 1%, 0204, E24
0	R 901	57.60.1331		330R	MF, 1%, 0204, E24
0	R 902	57.60.1471		470R	MF, 1%, 0204, E24
0	R 903	57.60.1471		470R	MF, 1%, 0204, E24
0	R 904	57.60.1331		330R	MF, 1%, 0204, E24
0	R 905	57.60.1331		330R	MF, 1%, 0204, E24
0	R 906	57.60.1471		470R	MF, 1%, 0204, E24
0	R 907	57.60.1471		470R	MF, 1%, 0204, E24
0	R 908	57.60.1331		330R	MF, 1%, 0204, E24
0	R 909	57.60.1331		330R	MF, 1%, 0204, E24
0	R 910	57.60.1471		470R	MF, 1%, 0204, E24
0	R 911	57.60.1471		470R	MF, 1%, 0204, E24
0	R 912	57.60.1331		330R	MF, 1%, 0204, E24
0	R 913	57.60.1331		330R	MF, 1%, 0204, E24
0	R 914	57.60.1471		470R	MF, 1%, 0204, E24
0	R 915	57.60.1471		470R	MF, 1%, 0204, E24
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0	R 917	57.60.1331		330R	MF, 1%, 0204, E24
0	R 918	57.60.1471		470R	MF, 1%, 0204, E24
0	R 919	57.60.1471		470R	MF, 1%, 0204, E24
0	R 920	57.60.1331		330R	MF, 1%, 0204, E24
0	R 921	57.60.1331		330R	MF, 1%, 0204, E24
0	R 922	57.60.1471		470R	MF, 1%, 0204, E24
0	R 923	57.60.1471		470R	MF, 1%, 0204, E24
0	R 924	57.60.1331		330R	MF, 1%, 0204, E24
0	R 925	57.60.1331		330R	MF, 1%, 0204, E24
0	R 926	57.60.1471		470R	MF, 1%, 0204, E24
0	R 927	57.60.1471		470R	MF, 1%, 0204, E24
0	X 1	89.60.2003		33.33MHz	XTAL Oscillator

End of List

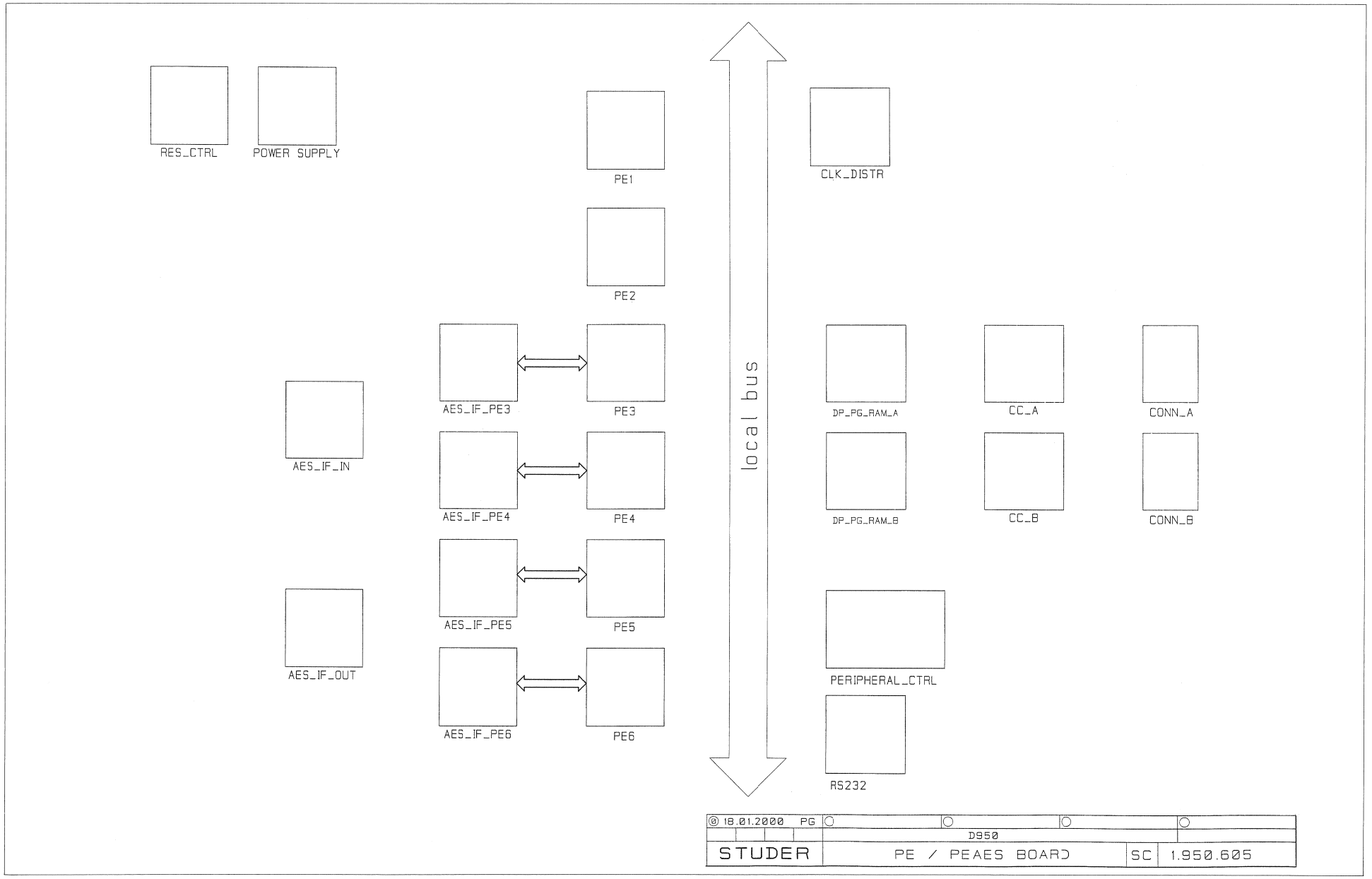
Comments

Index 1: Value has changed
Index 2: Type and value has changed

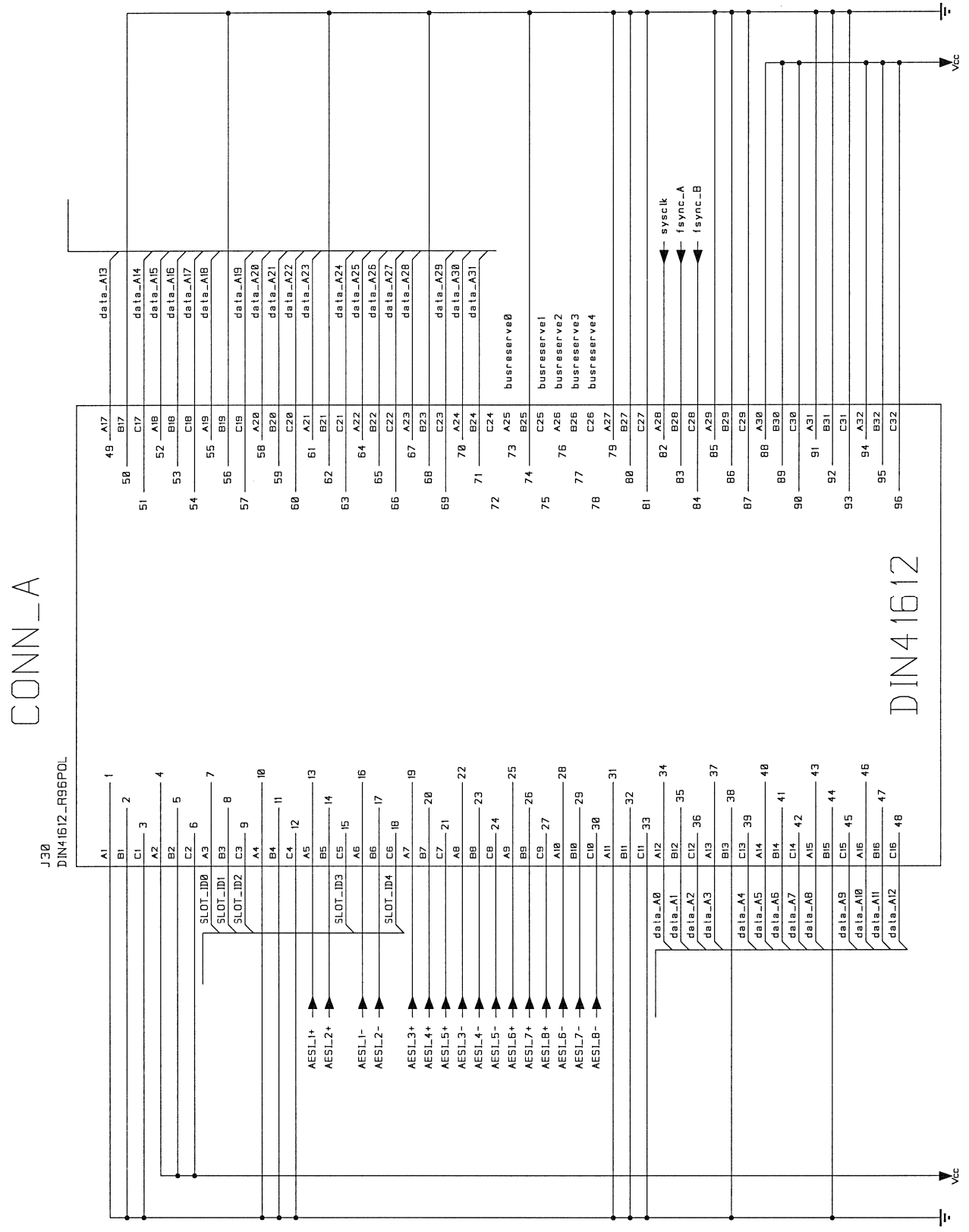
DIAGRAMS PE/PEAES BOARD

	Assembly No.	Diagram	Component Layout	Parts List
Block Diagram PEAES Board	*1.950.605*	-	-	-
Block Diagram PE Board	*1.950.610*			
PEAES Board	1.950.605.26	1.950.605.26	1.950.605.26	1.950.605.26
PE Board	1.950.610.26		1.950.610.26	1.950.610.26

Block Diagram
PEAES Board 1.950.605
PE Board 1.950.610

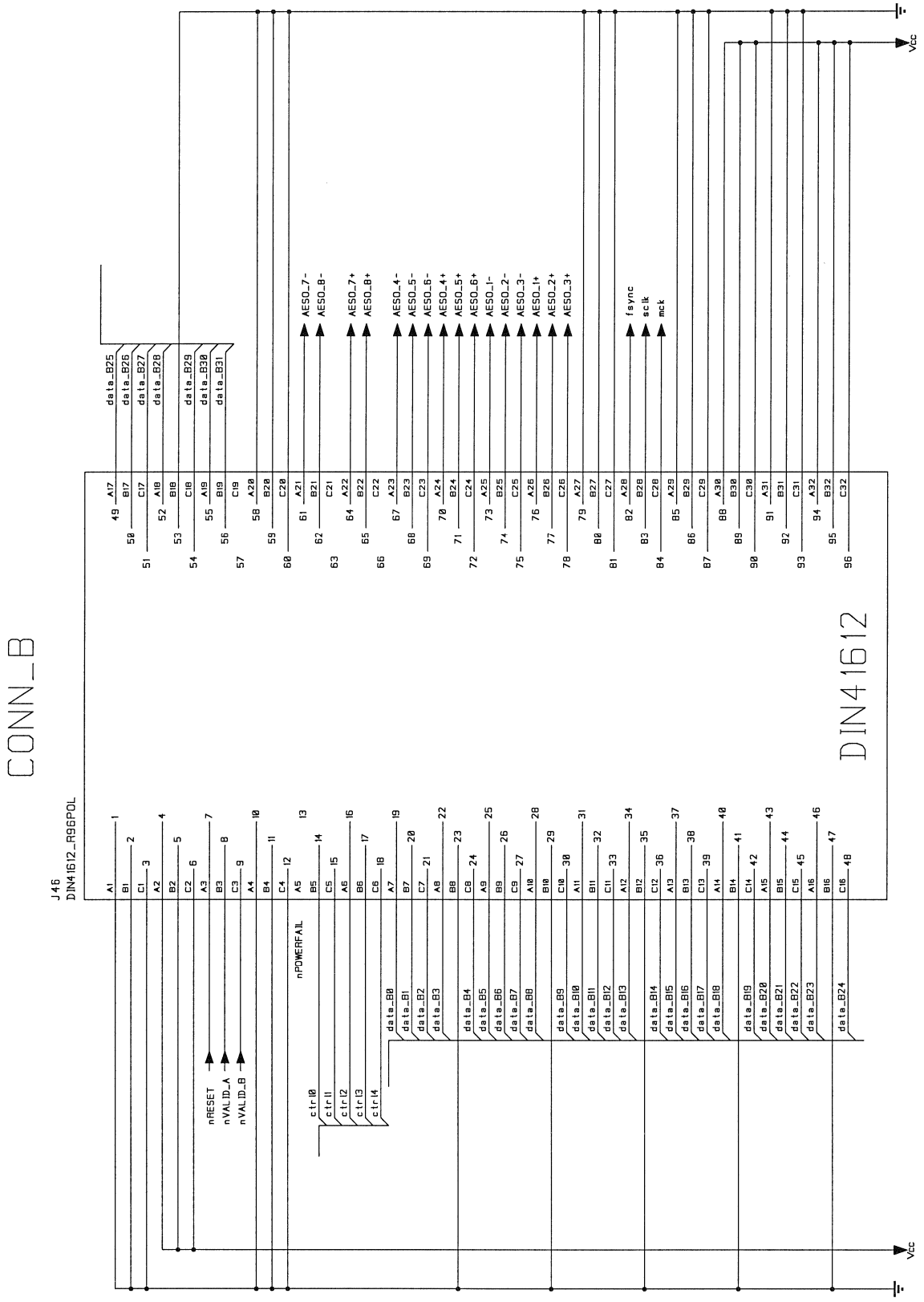


PEAES Board 1.950.605.26 (0)
PE Board 1.950.610.26 (0)

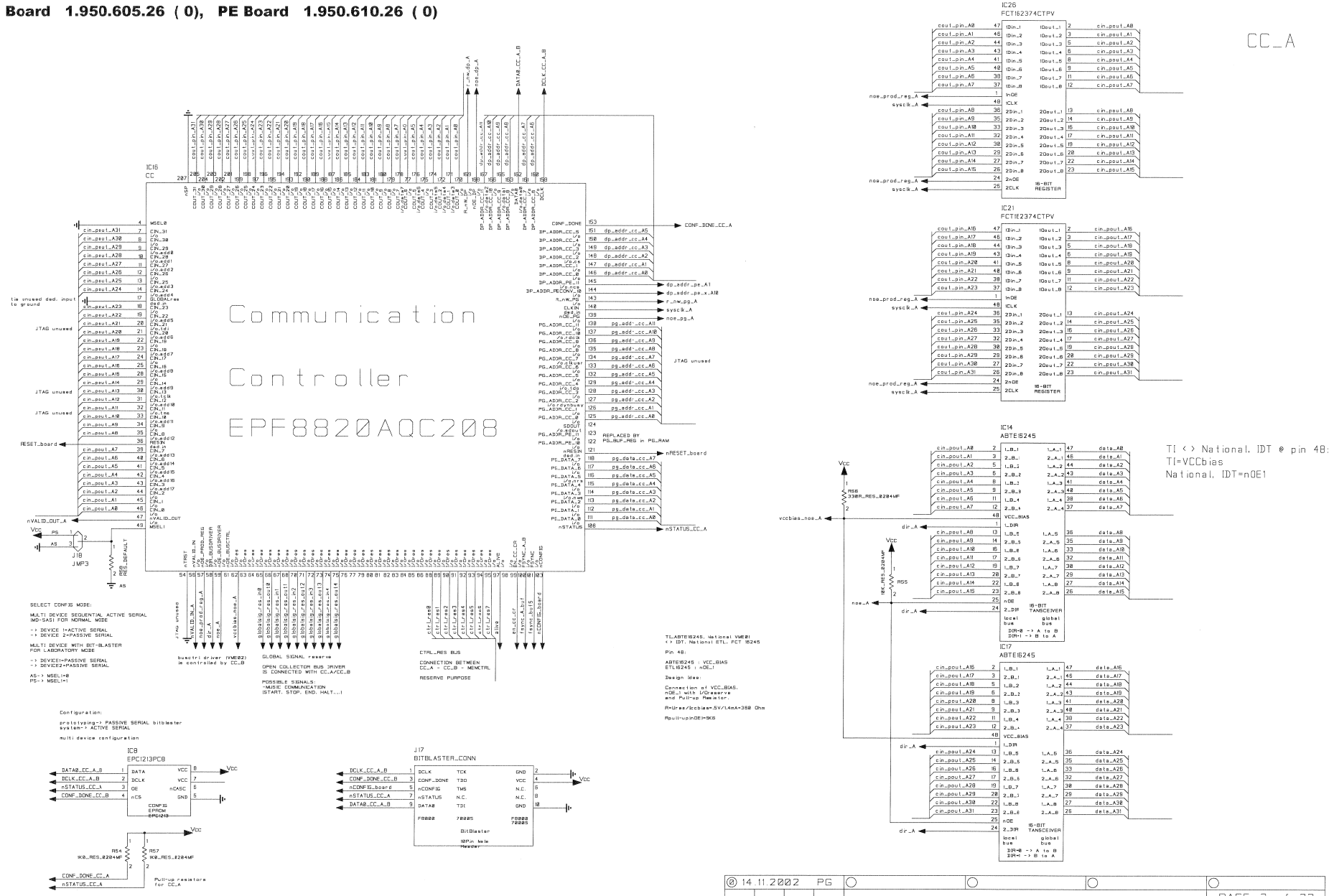


14.11.2002 PG				
				PAGE 1 of 23
STUDER	PE / PEAES BOARD			1.950.605.26

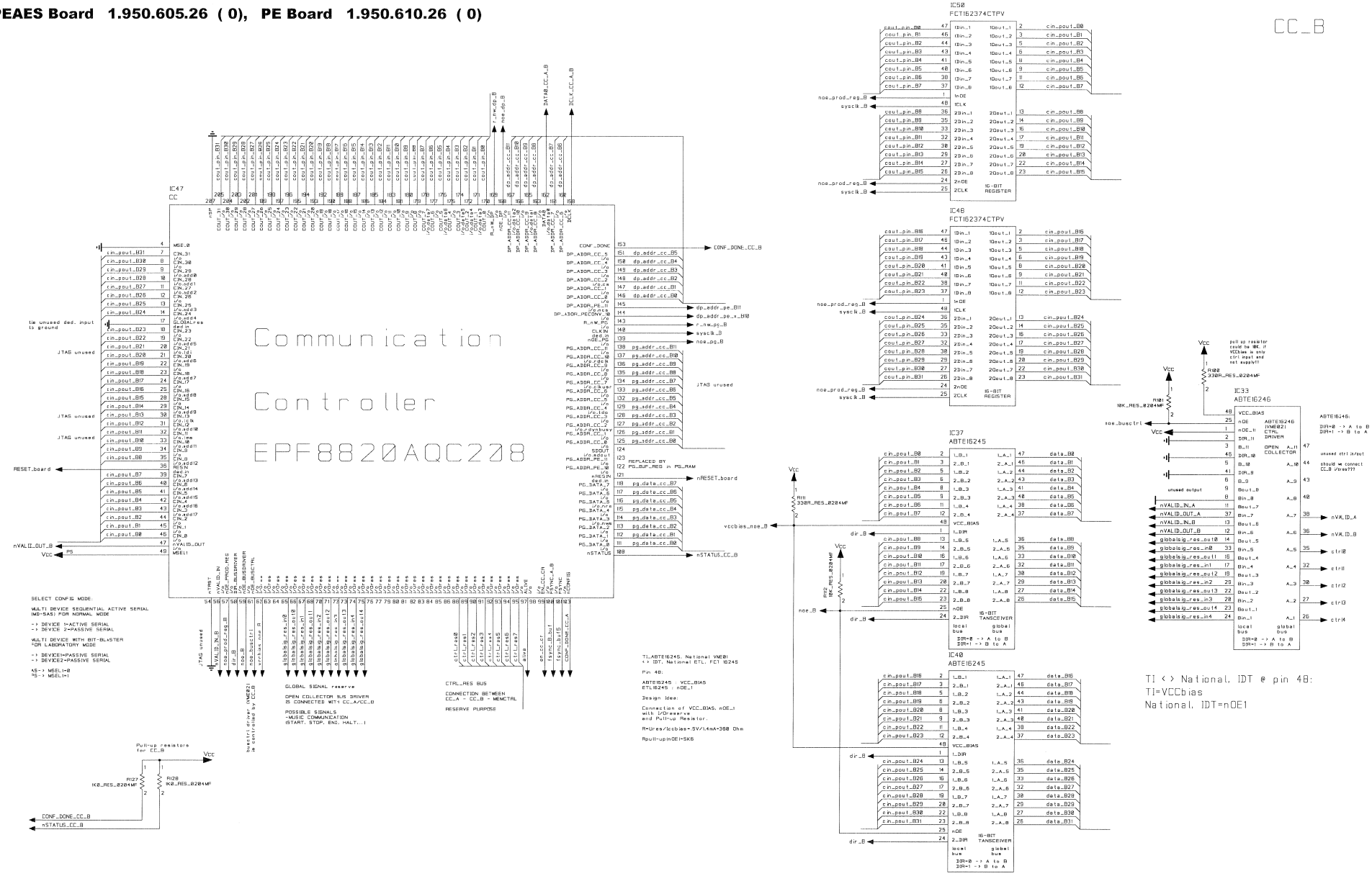
PEAES Board 1.950.605.26 (0)
PE Board 1.950.610.26 (0)



PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

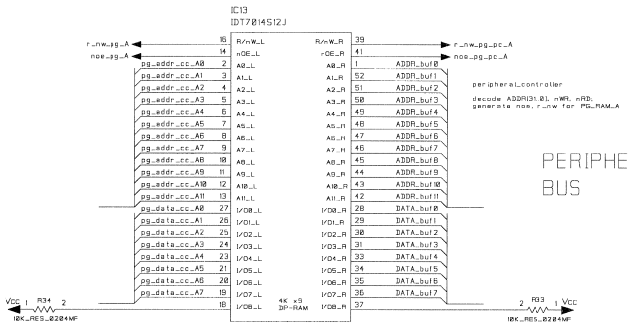

Communication
Controller
EPF8820AQC208
CC_A
IC26
FCT162374CTPV
IC21
FCT162374CTPV
IC14
ABT16245
IC17
ABT16245
IC16
CC
IC8
EPC1213PCB
J17
BITBLASTER_CONN
J18
JMP3
SELECT CONFIG MODE:
MULTI DEVICE SEQUENTIAL ACTIVE SERIAL
MD-SAS1 FOR NORMAL MODE
-> DEVICE 1=ACTIVE SERIAL
-> DEVICE 2=PASSIVE SERIAL
MULTI DEVICE WITH BIT-BLASTER
FOR LABORATORY MODE
-> DEVICE1=PASSIVE SERIAL
-> DEVICE2=PASSIVE SERIAL
AS-> MSEL1=0
PS-> MSEL1=1
Configuration:
prototyping-> PASSIVE SERIAL bitblaster
system-> ACTIVE SERIAL
multi device configuration
GLOBAL SIGNAL reserve
OPEN COLLECTOR BUS DRIVER
IS CONNECTED WITH CC_A/CC_B
POSSIBLE SIGNALS:
-MUSIC COMMUNICATION
(START, STOP, END, HALT,...)
CTRL_RES BUS
CONNECTION BETWEEN
CC_A -> CC_B - MEMCTRL
RESERVE PURPOSE
TI <> National, IDT @ pin 48:
TI=VCCbias
National, IDT=nOE1
TL-ABT16245, National VME81
<> IDT, National BTL, FCT 16245
Pin 48:
ABT16245 : VCC_BIAS
BTL16245 : nOE1
Design Idea:
Connection of VCC_BIAS,
nOE1 with I/Oreserve
and Pull-up Resistor.
R=Ures/Iccbias=.5V/14mA=36Ω Ohm
Pull-upinOE1=1KΩ
JTAG unused
RESET_board
nVALID_OUT_A
Vcc
Vcc
Vcc

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

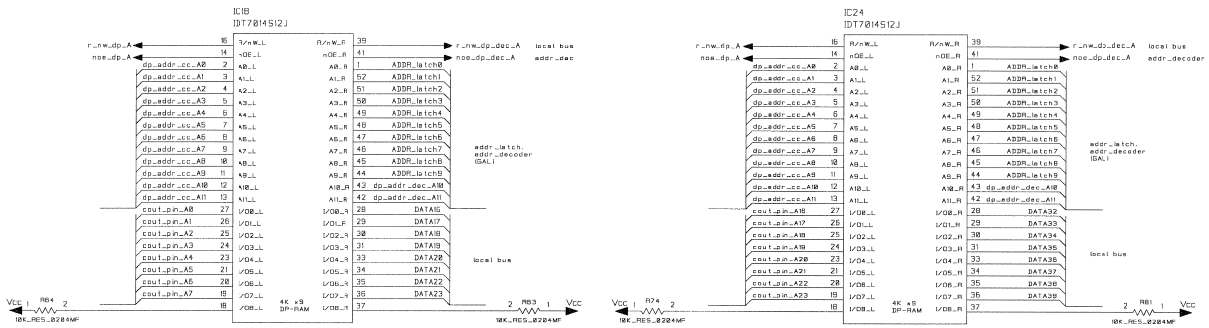


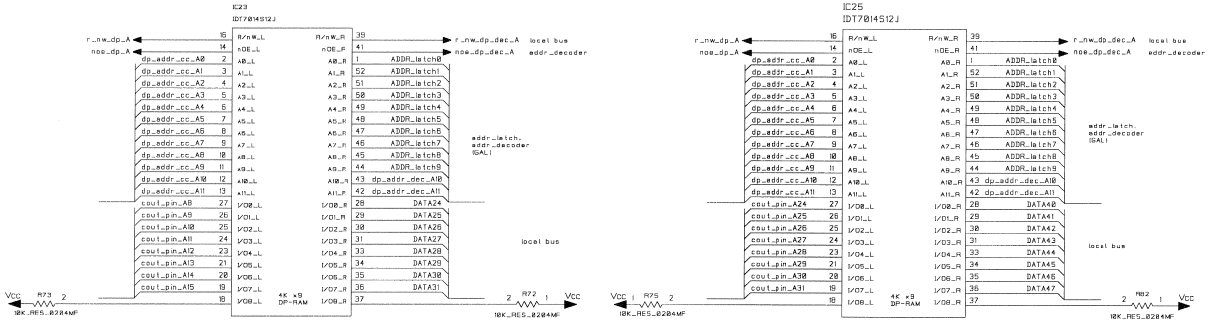
PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

PG_RAM_A



DP_RAM_A



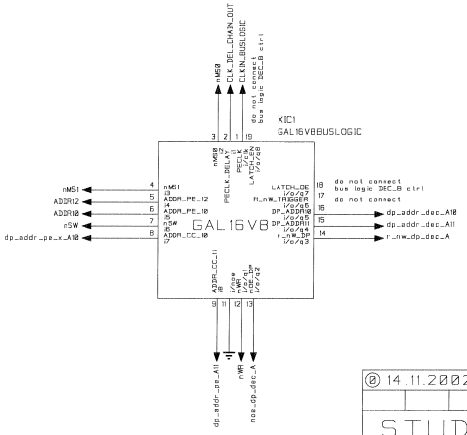


DP_RAM_A/B:
nMS0 -> DP_A/B read
nMS1 -> DP_A/B write

->PG_bitmap_A offset: 0x30400fff
->ccmode_A: 0x30400ffe

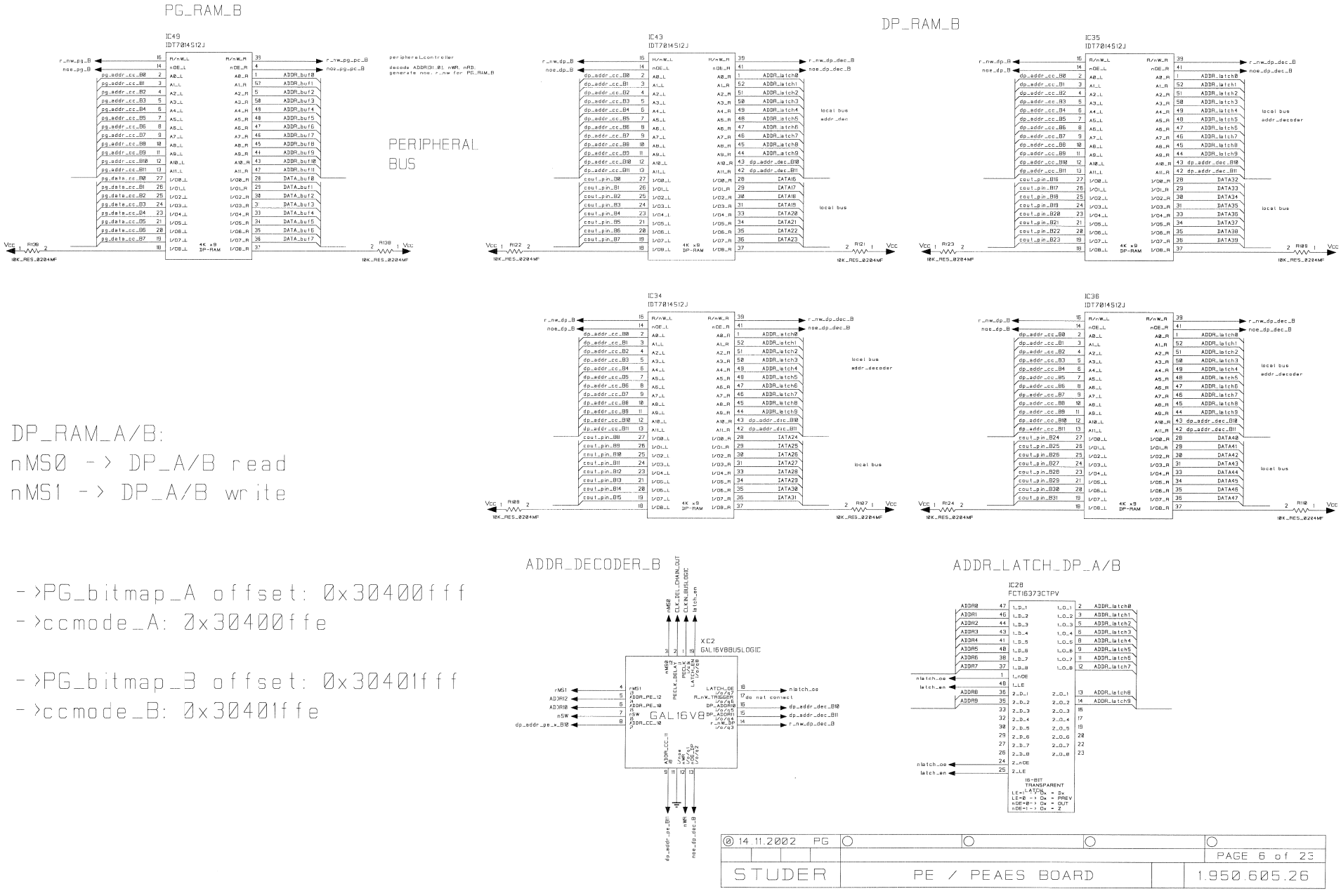
->PG_bitmap_B offset: 0x30401fff
->ccmode_B: 0x30401ffe

ADDR_DECODER_A

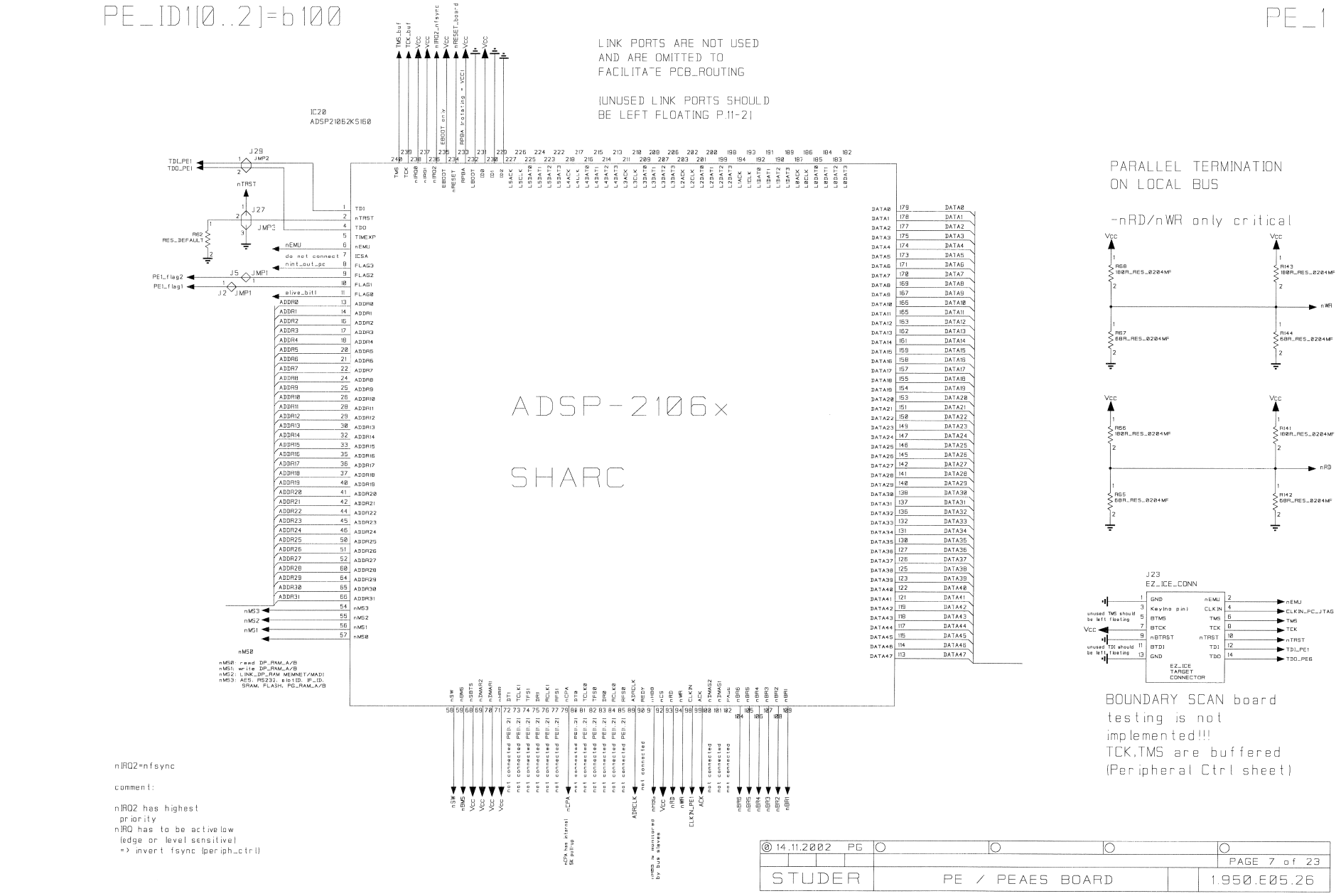


14.11.2002 PG				
				PAGE 5 of 23
STUDER	PE / PEAES BOARD			1.950.605.26

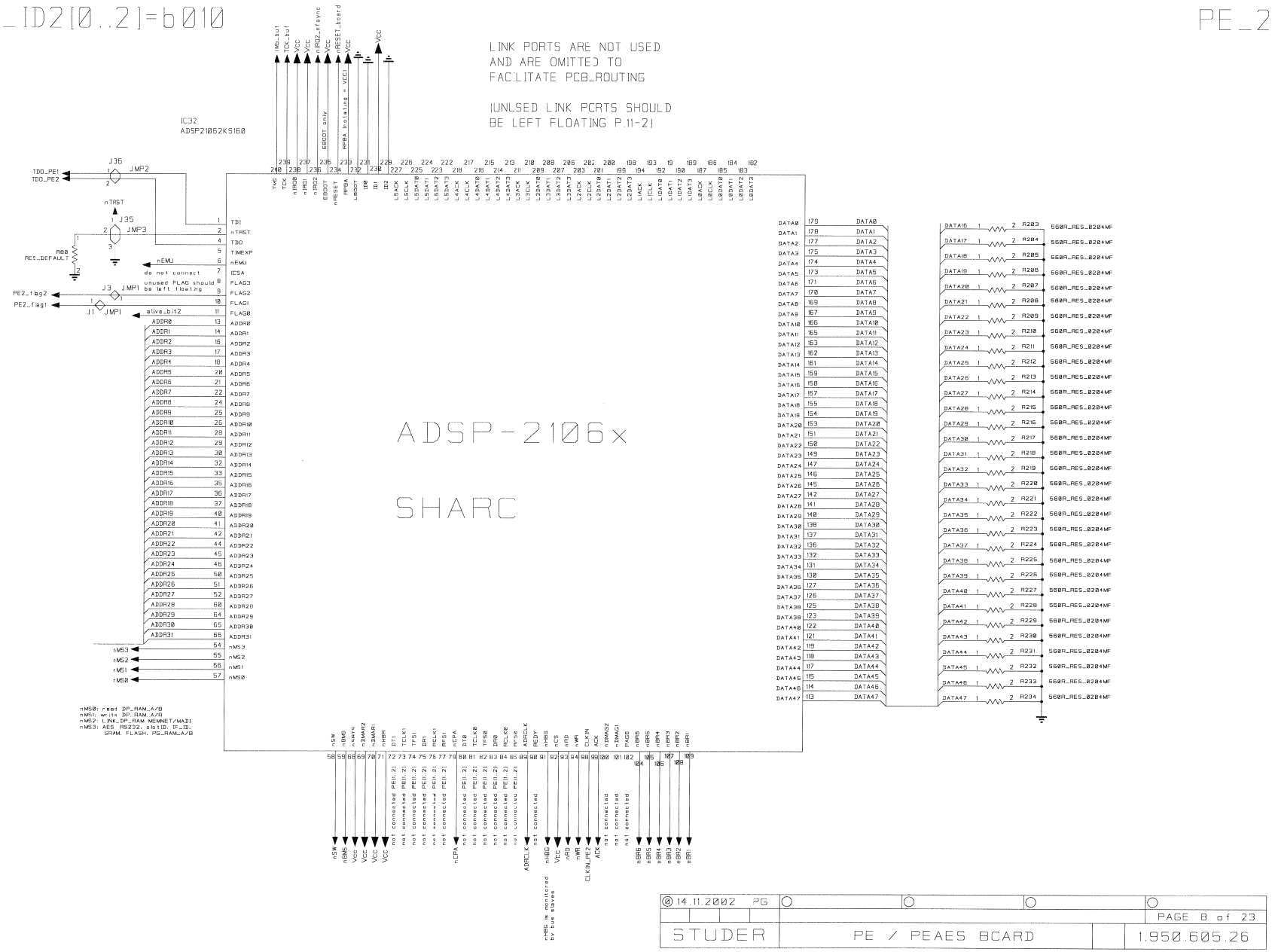
PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)



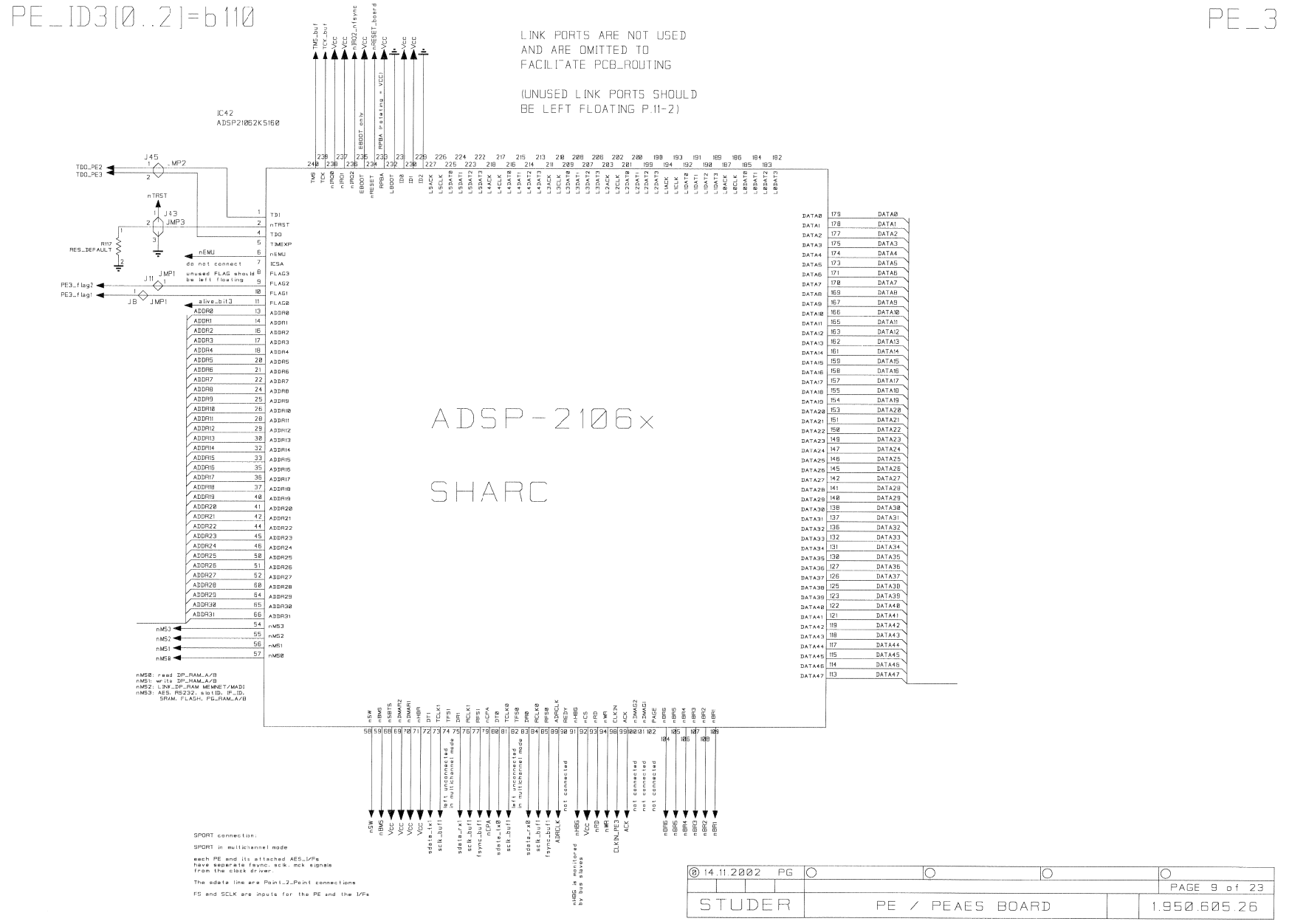
PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)



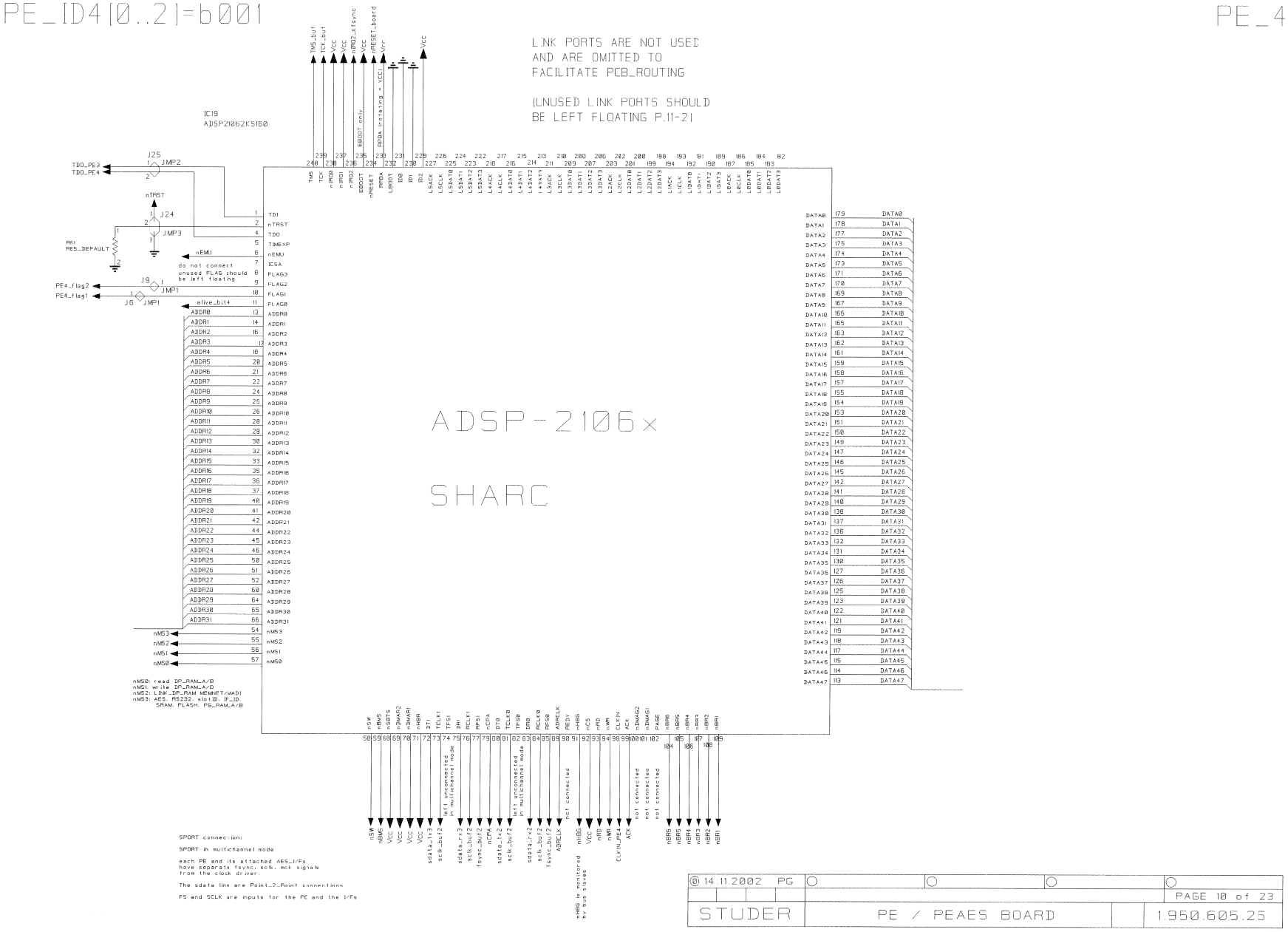
PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)



PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)



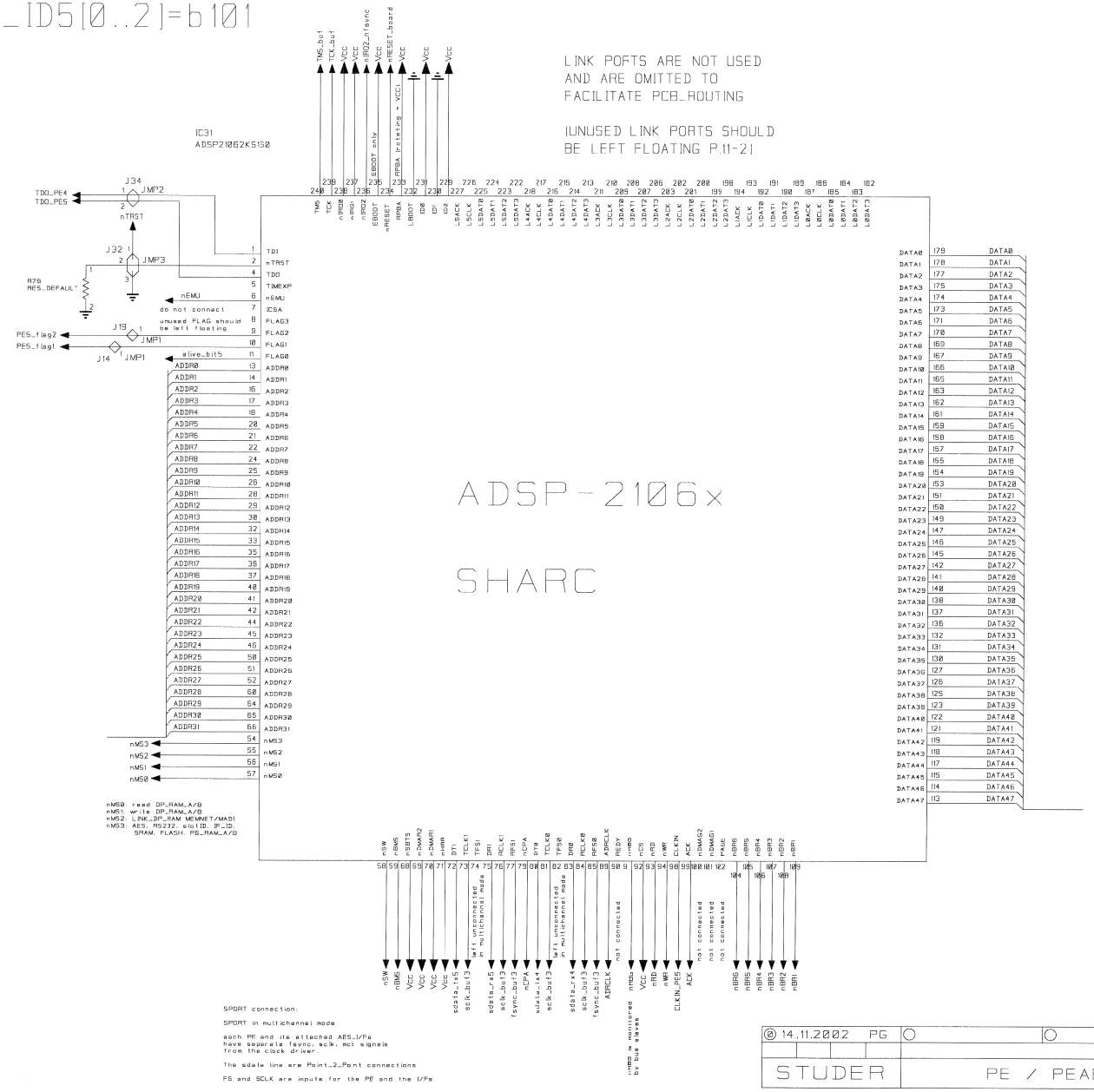
PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)



PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

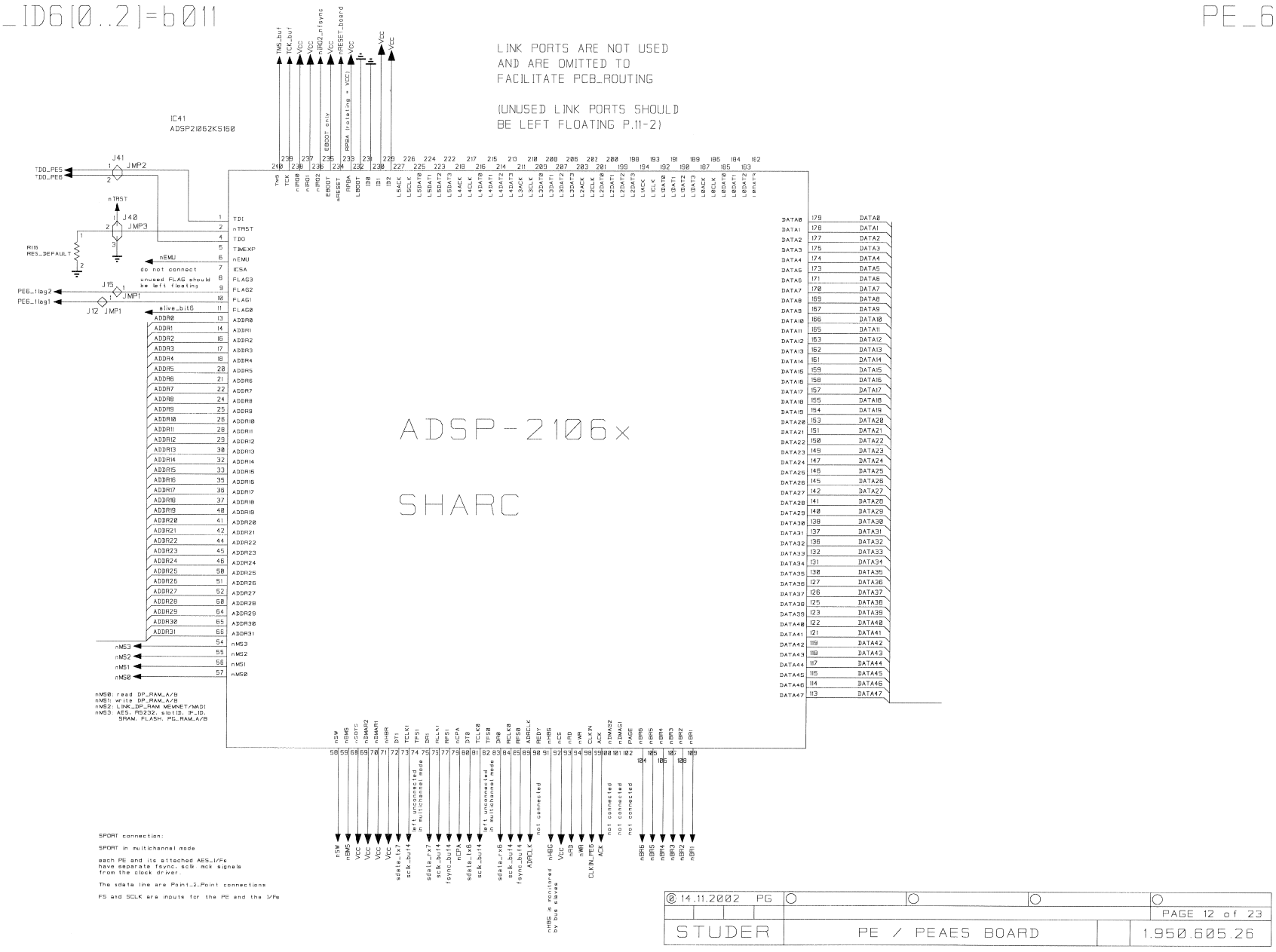
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PE_5



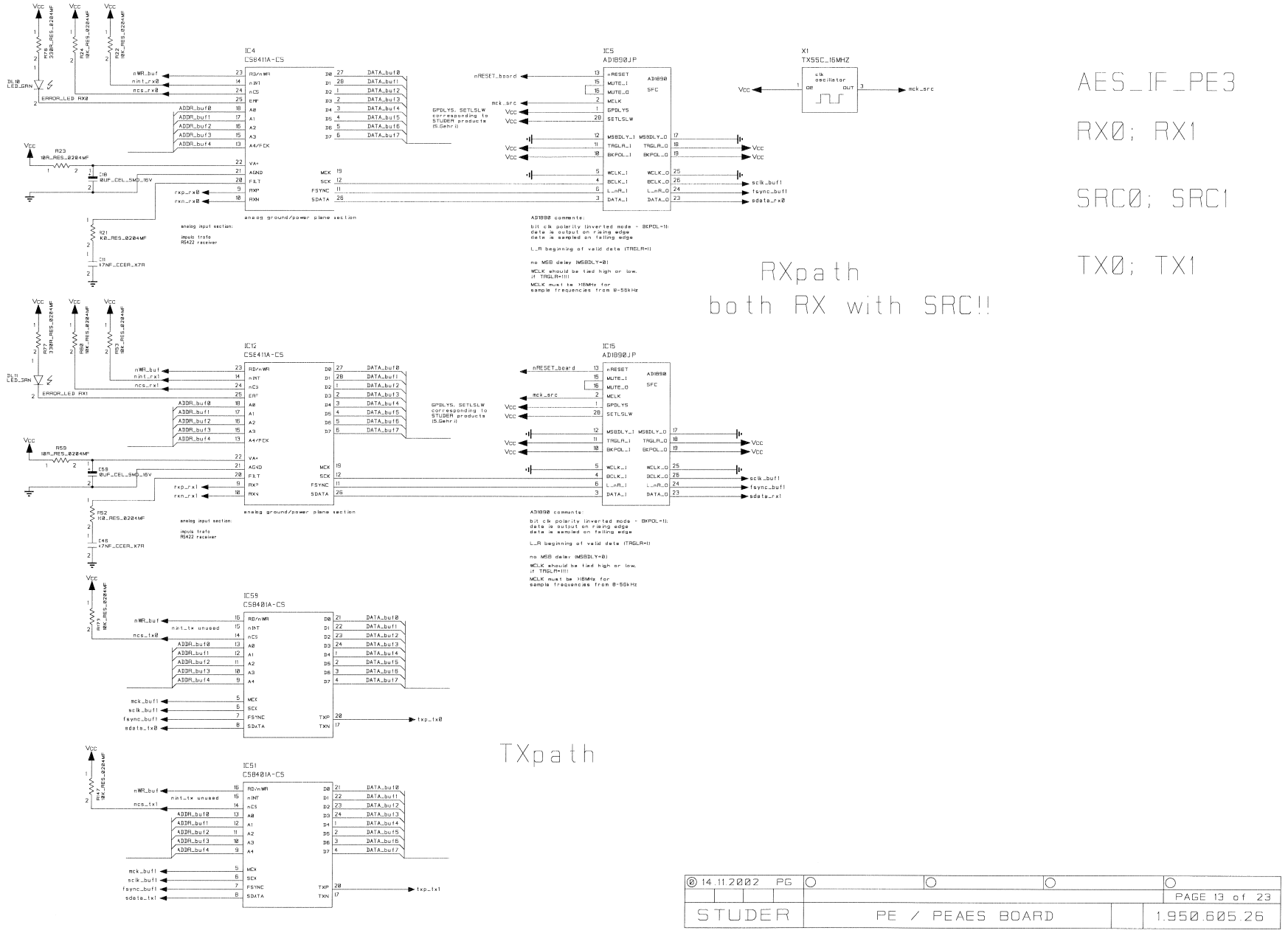
14.11.2002 PG					PAGE 11 of 23
STUDER	PE / PEAES BOARD				1.950.605.26

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

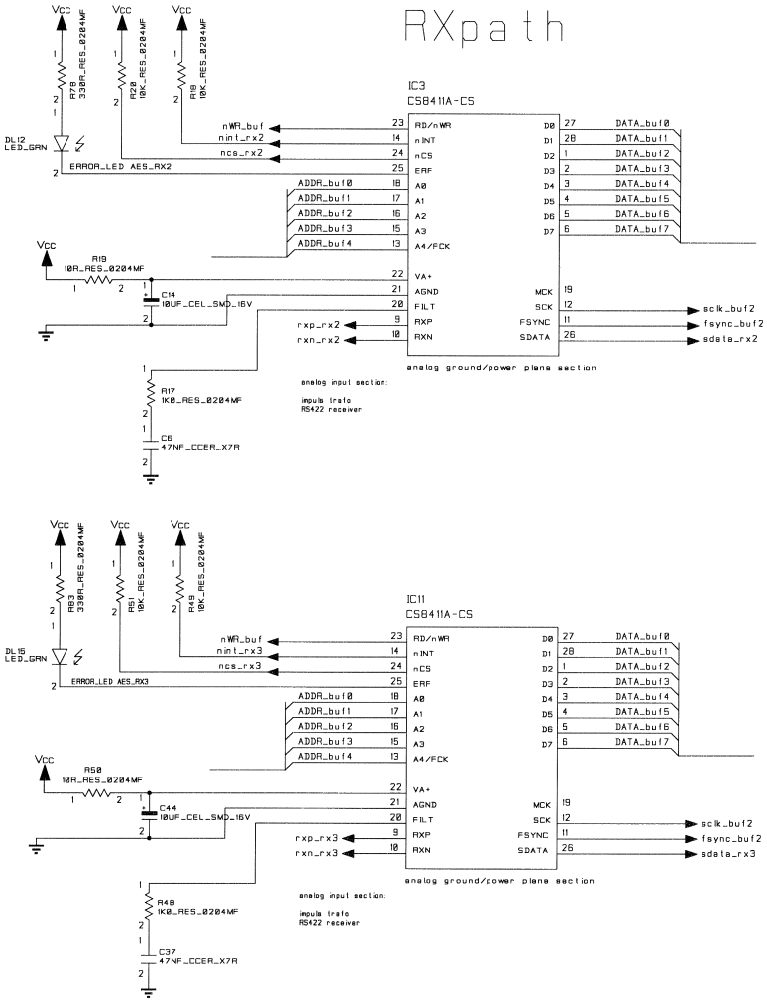


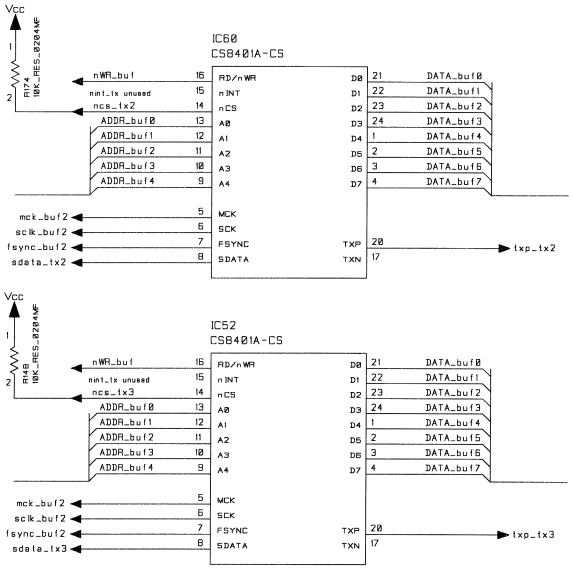
© 14.11.2002 PG					PAGE 12 of 23
STUDER	PE / PEAES BOARD				1.950.605.26

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)



PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)





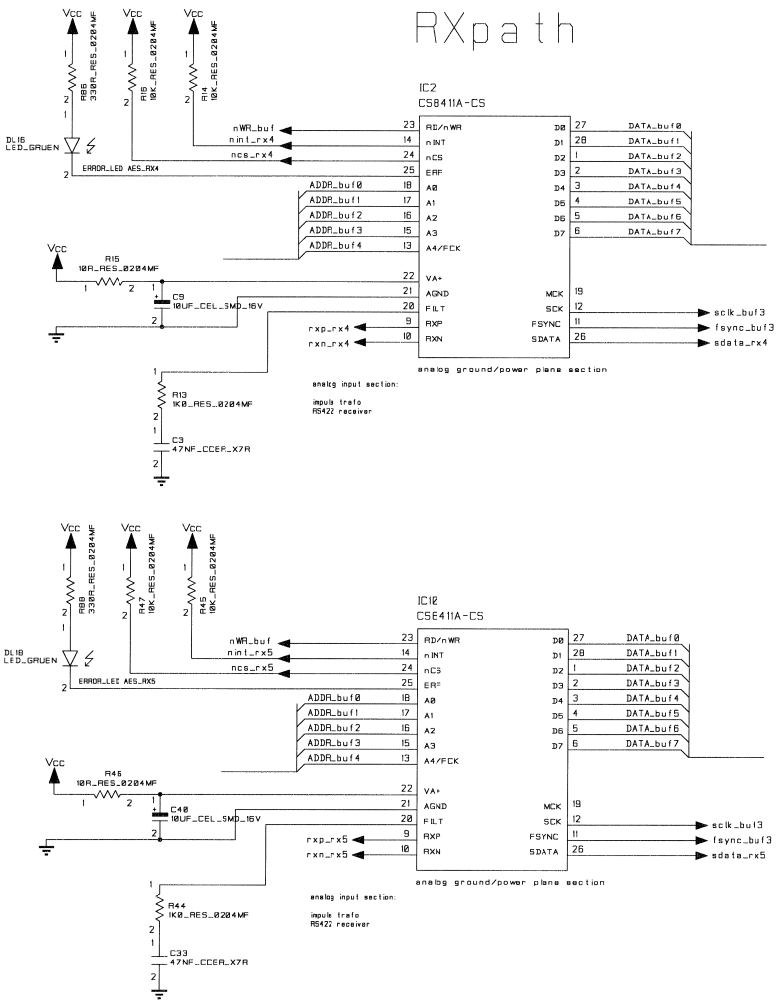
AES_IF_PE4

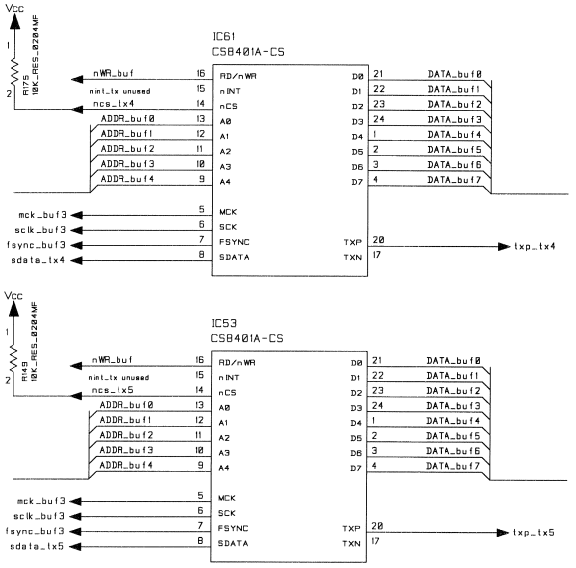
RX2; RX3

TX2; TX3

14.11.2002 PG				
				PAGE 14 of 23
STUDER	PE / PEAES BOARD			1.950.605.26

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)





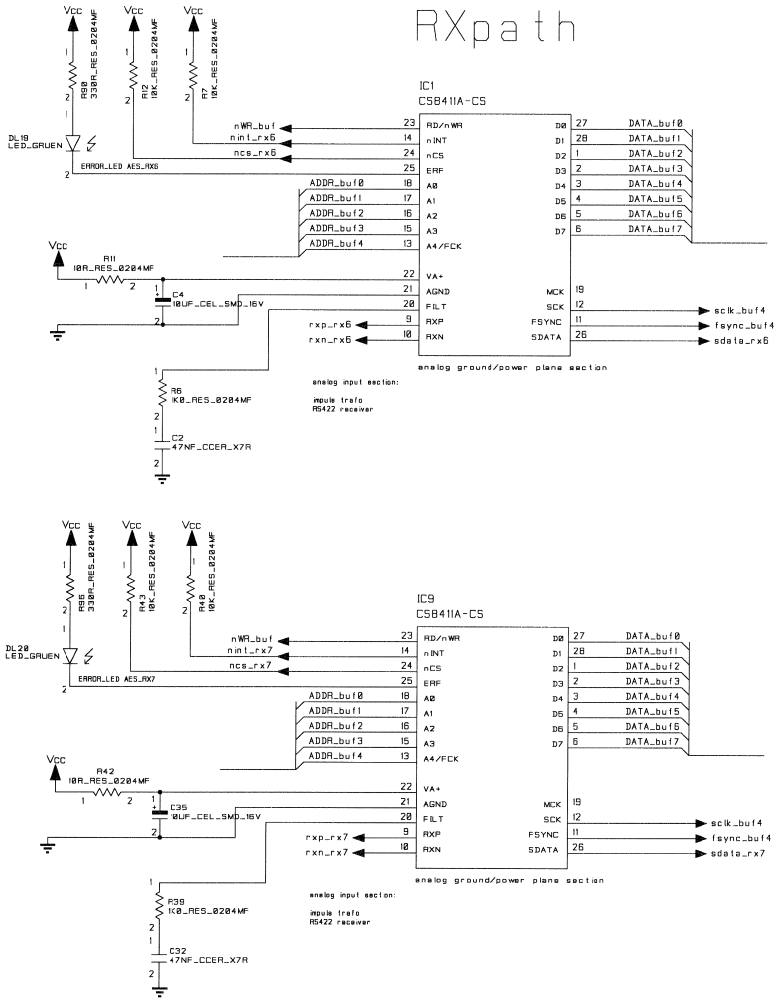
AES_IF_PE5

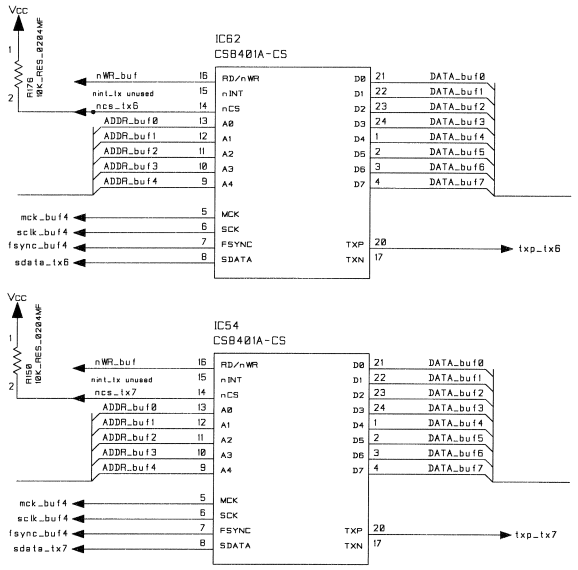
RX4; RX5

TX4; TX5

14.1.2002 PG				
				PAGE 5 of 23
STUDER	PE / PEAES BOARD			1.950.605.26

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)





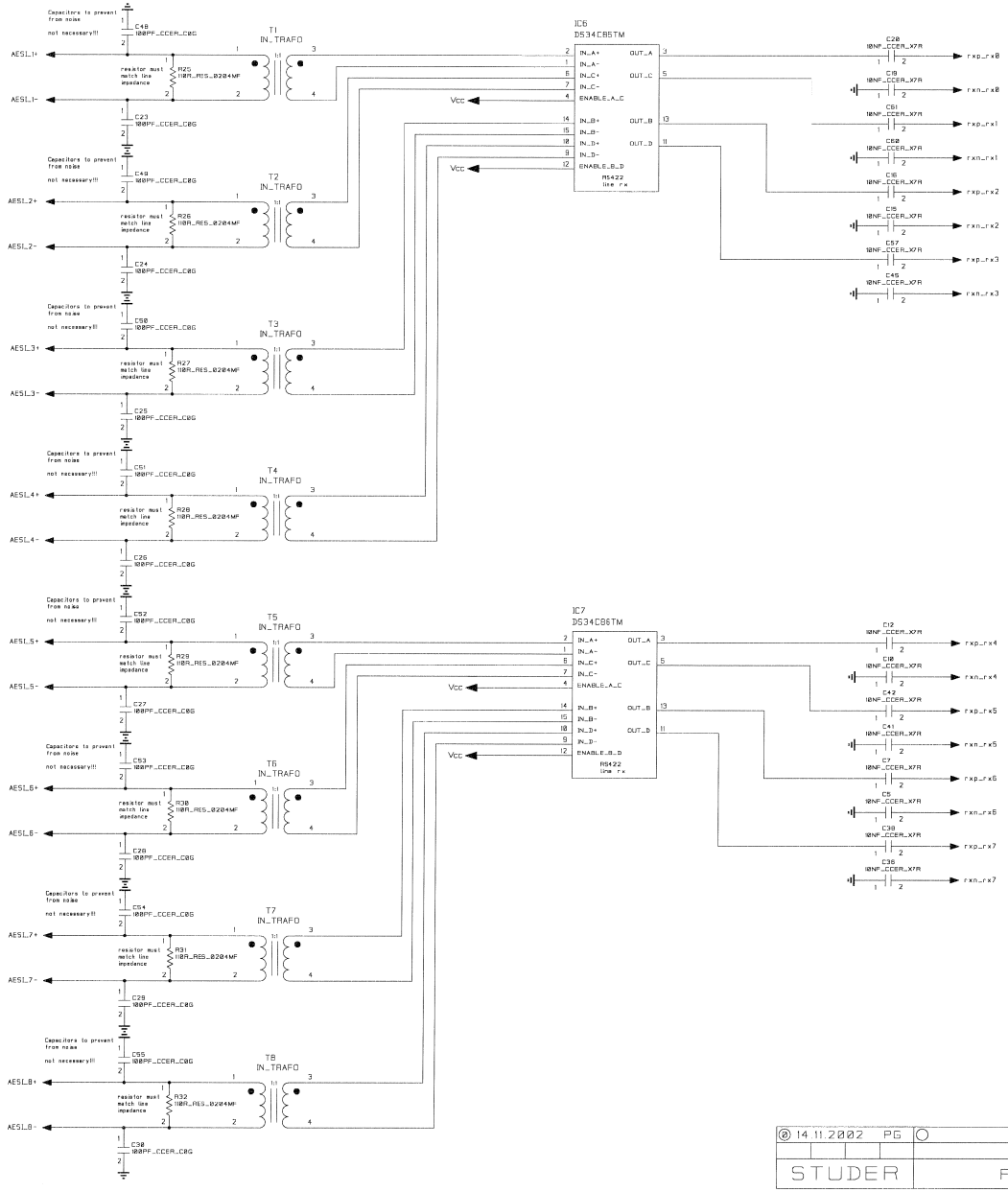
AES_IF_PE6

RX6; RX7

TX6; TX7

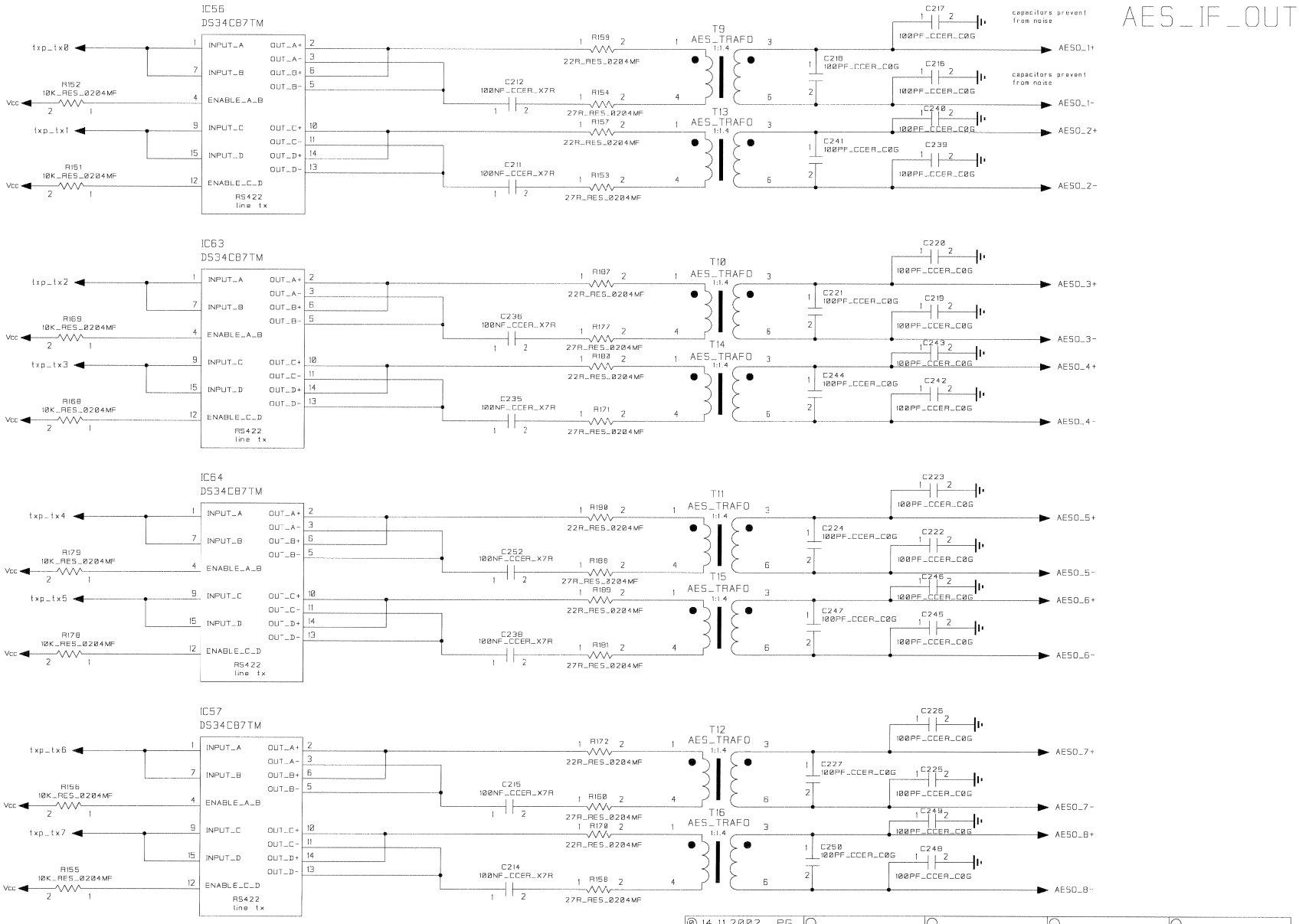
@ 14.11.2002 PG					PAGE 16 of 23
STUDER	PE / PEAES BOARD				1.950.605.26

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

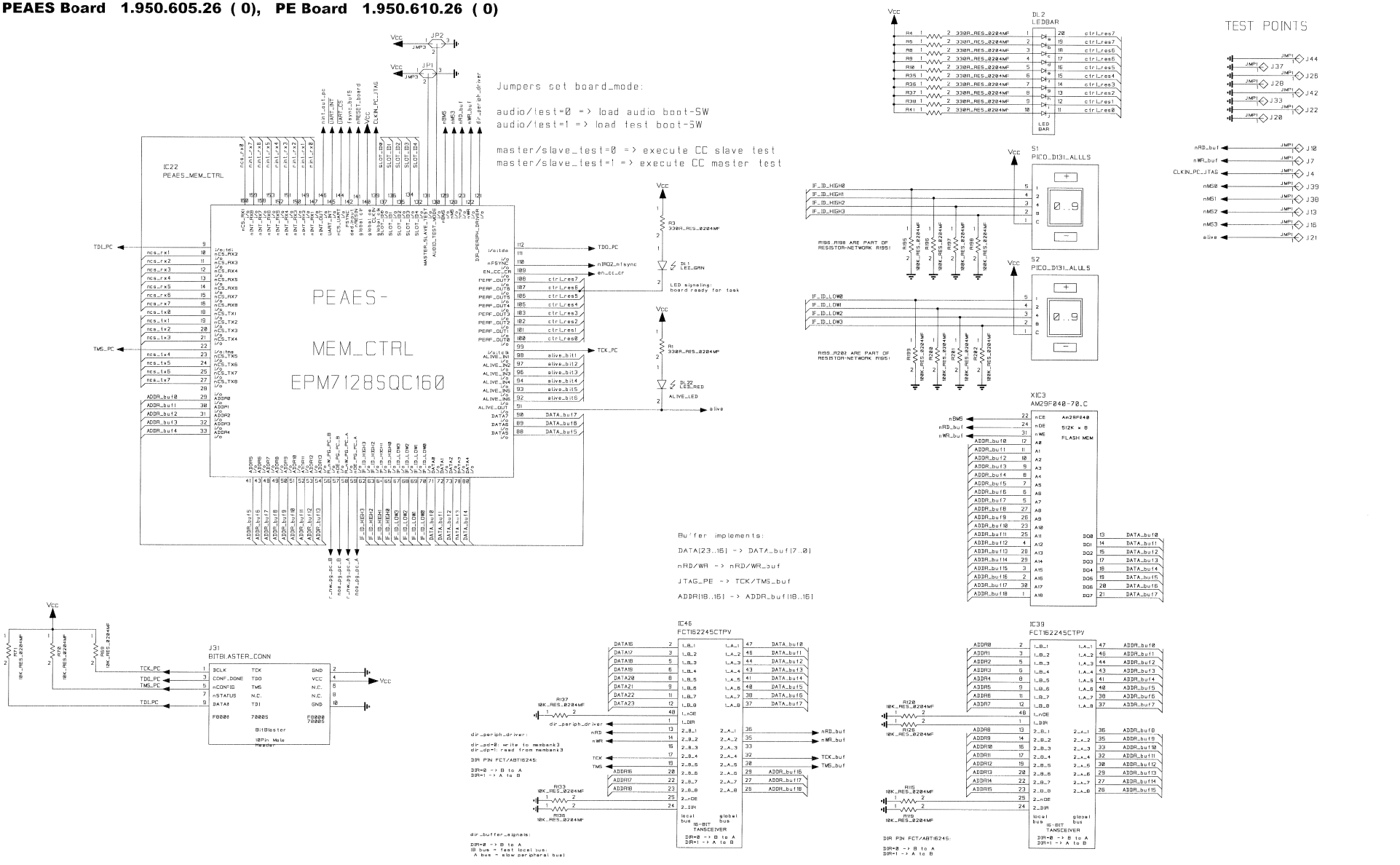


14.11.2002 PG				PAGE 17 of 23
STUDER	PE / PEAES BOARD			1.950.605.26

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)



PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

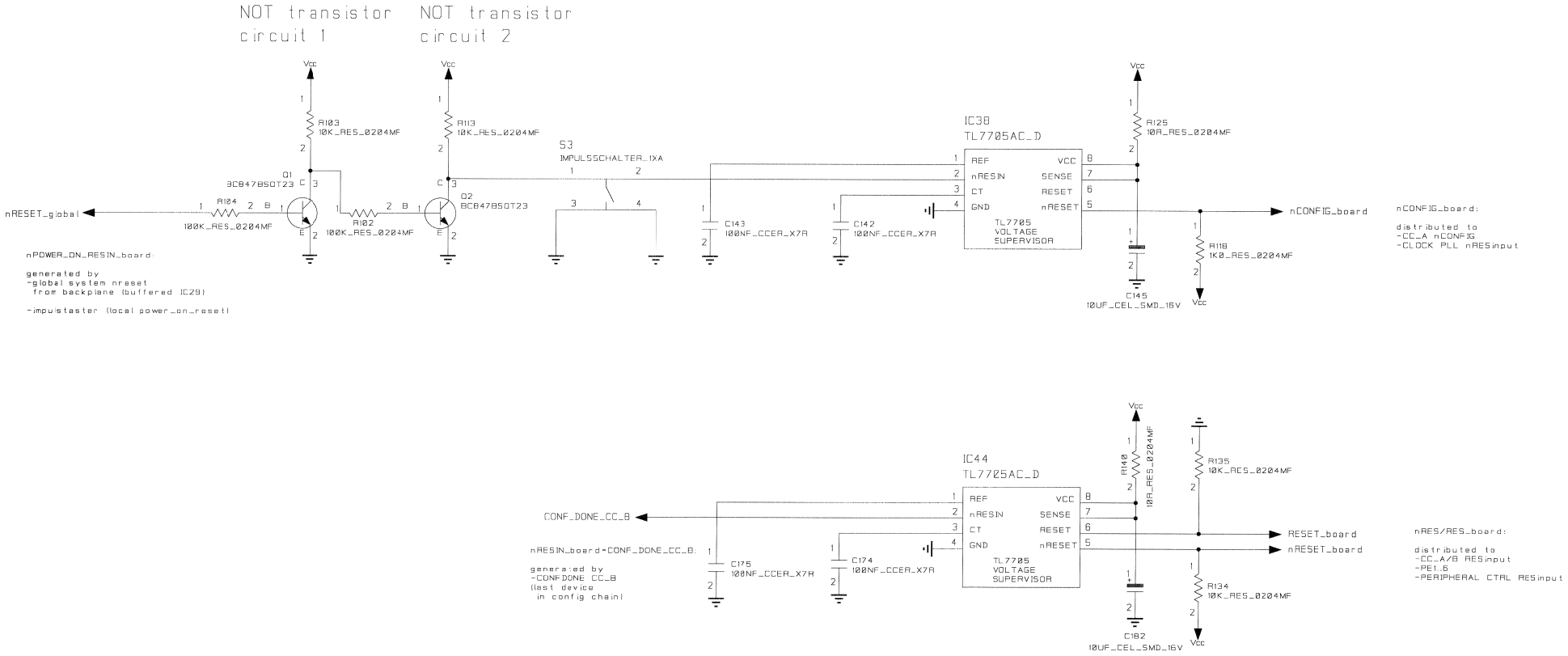


PERIPH CTRL/BUS

14.11.2002 PG			PAGE 19 of 23
STUDER	PE / PEAES BOARD		1.950.605.26

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

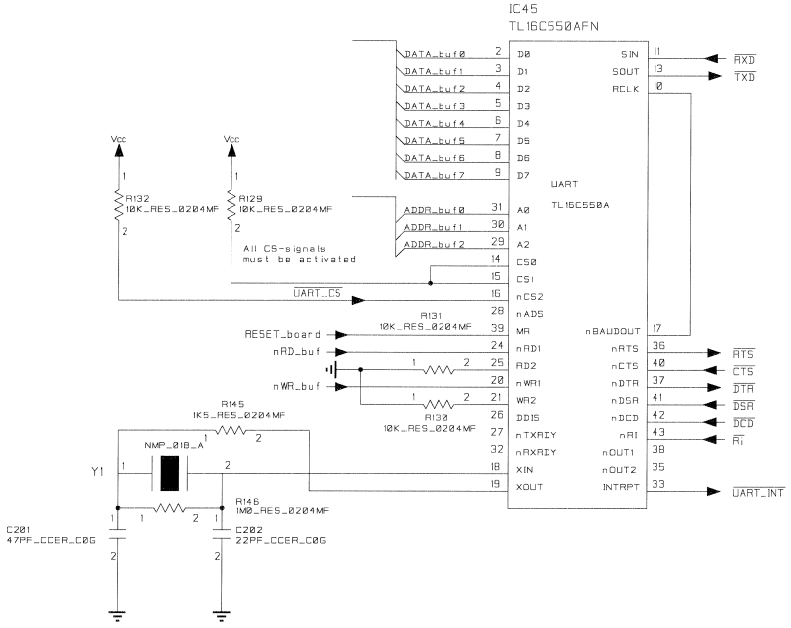
RESET CONTROLLER

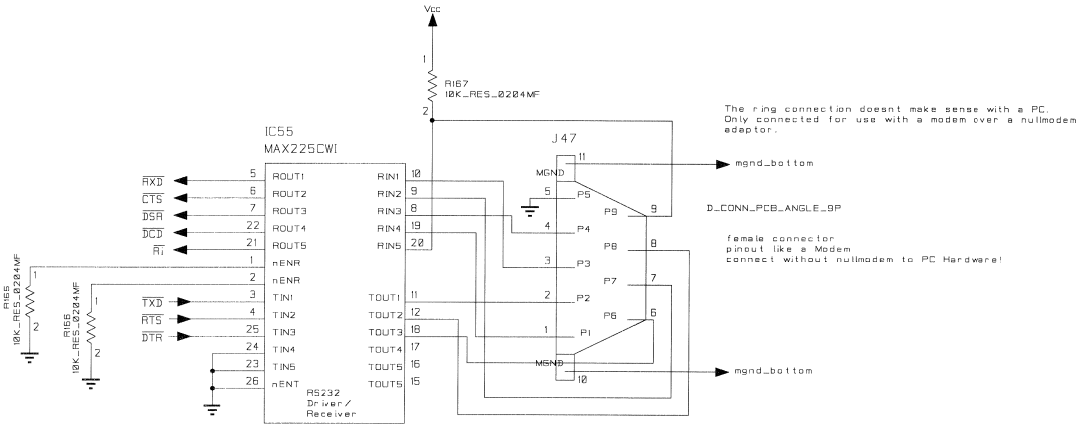


@ 14.11.2002 PG					PAGE 20 of 23
STUDER	PE / PEAES BOARD				1.950.605.26

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

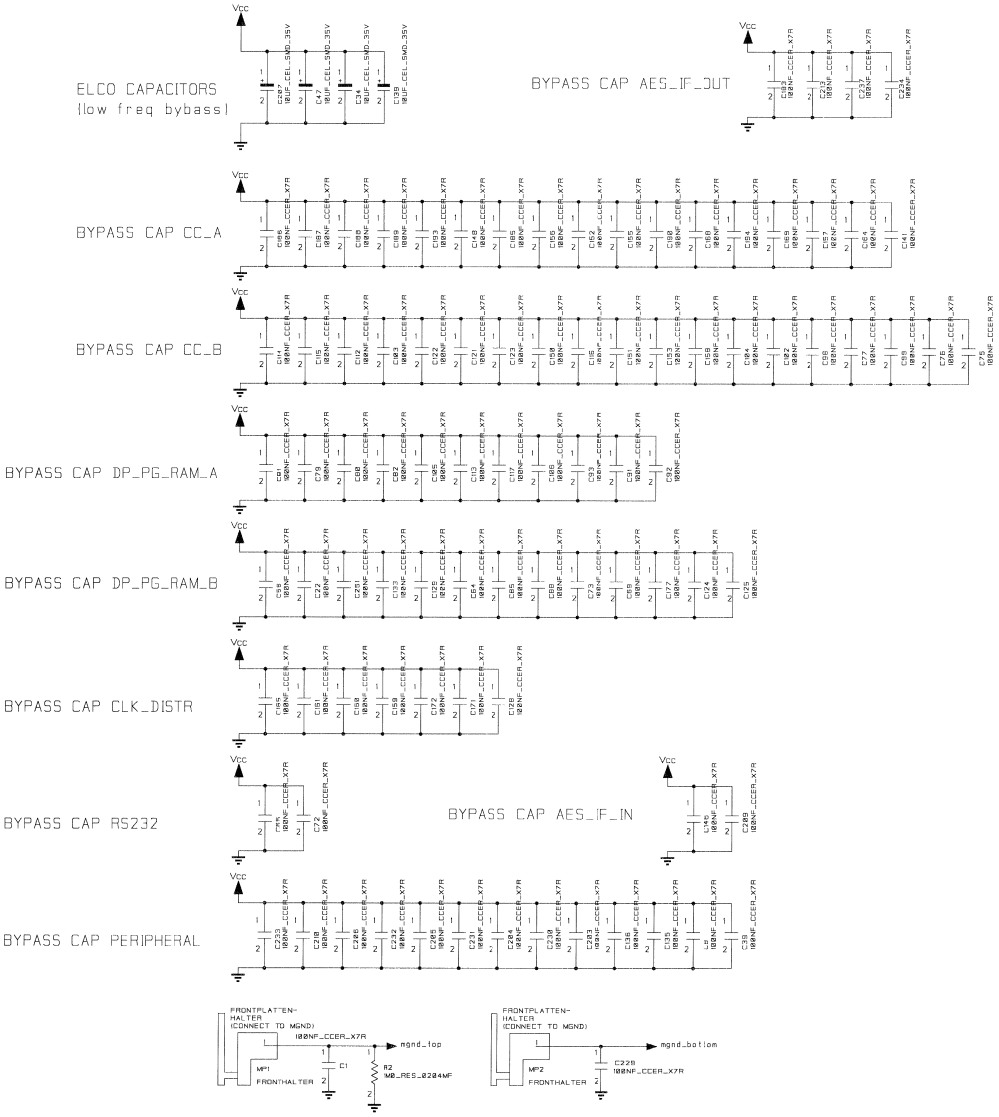
RS232

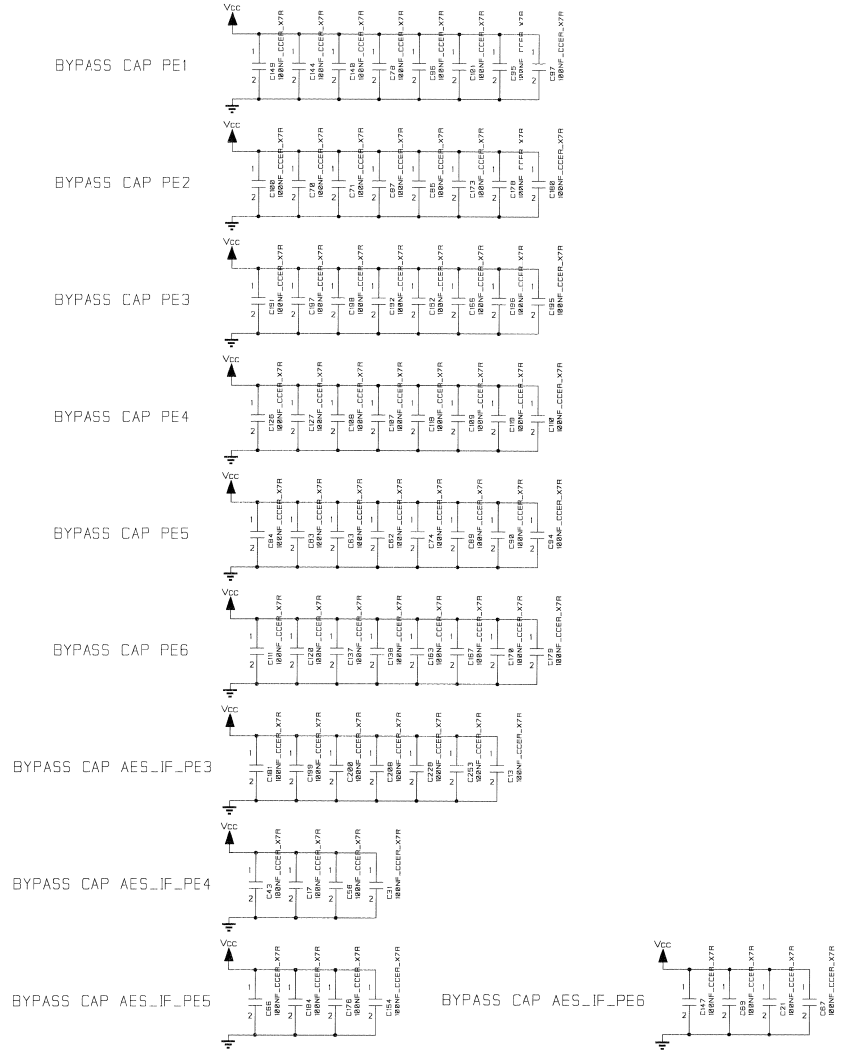




14.11.2002 PG					
					PAGE 21 of 23
STUDER	PE / PEAES BOARD				1.950.605.26

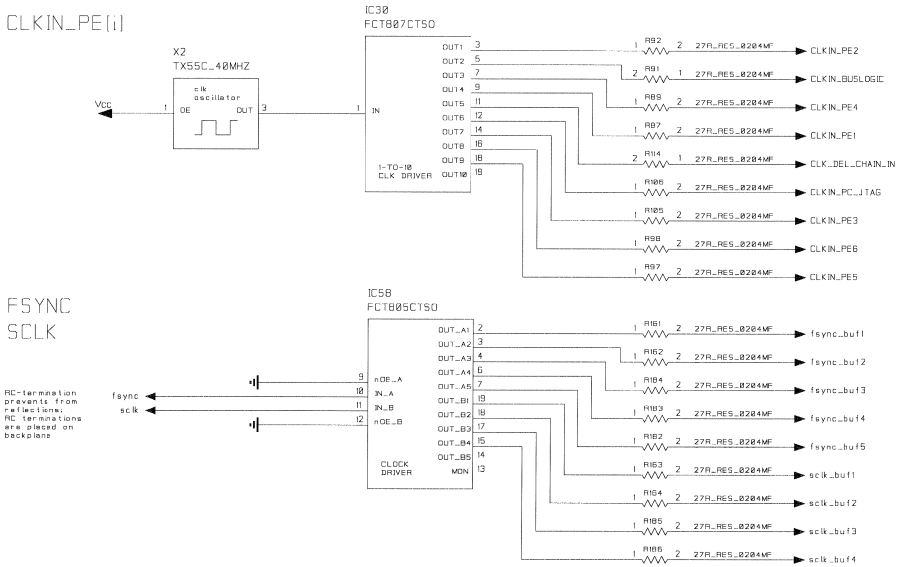
PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)





@ 14.11.2002 PG					PAGE 22 of 23
STUDER	PE / PEAES BOARD				1.950.605.25

PEAES Board 1.950.605.26 (0), PE Board 1.950.610.26 (0)

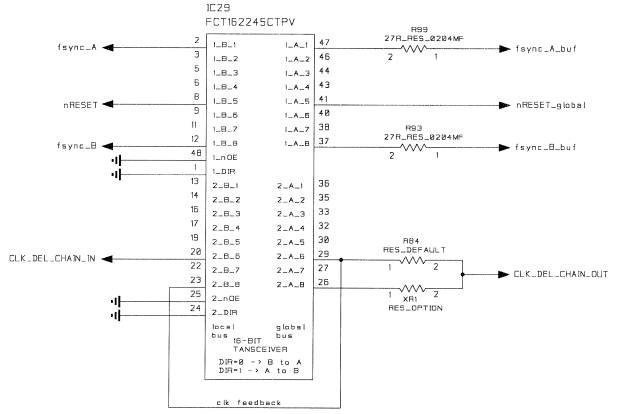


CLOCK_DISTR

source termination
for all clock lines

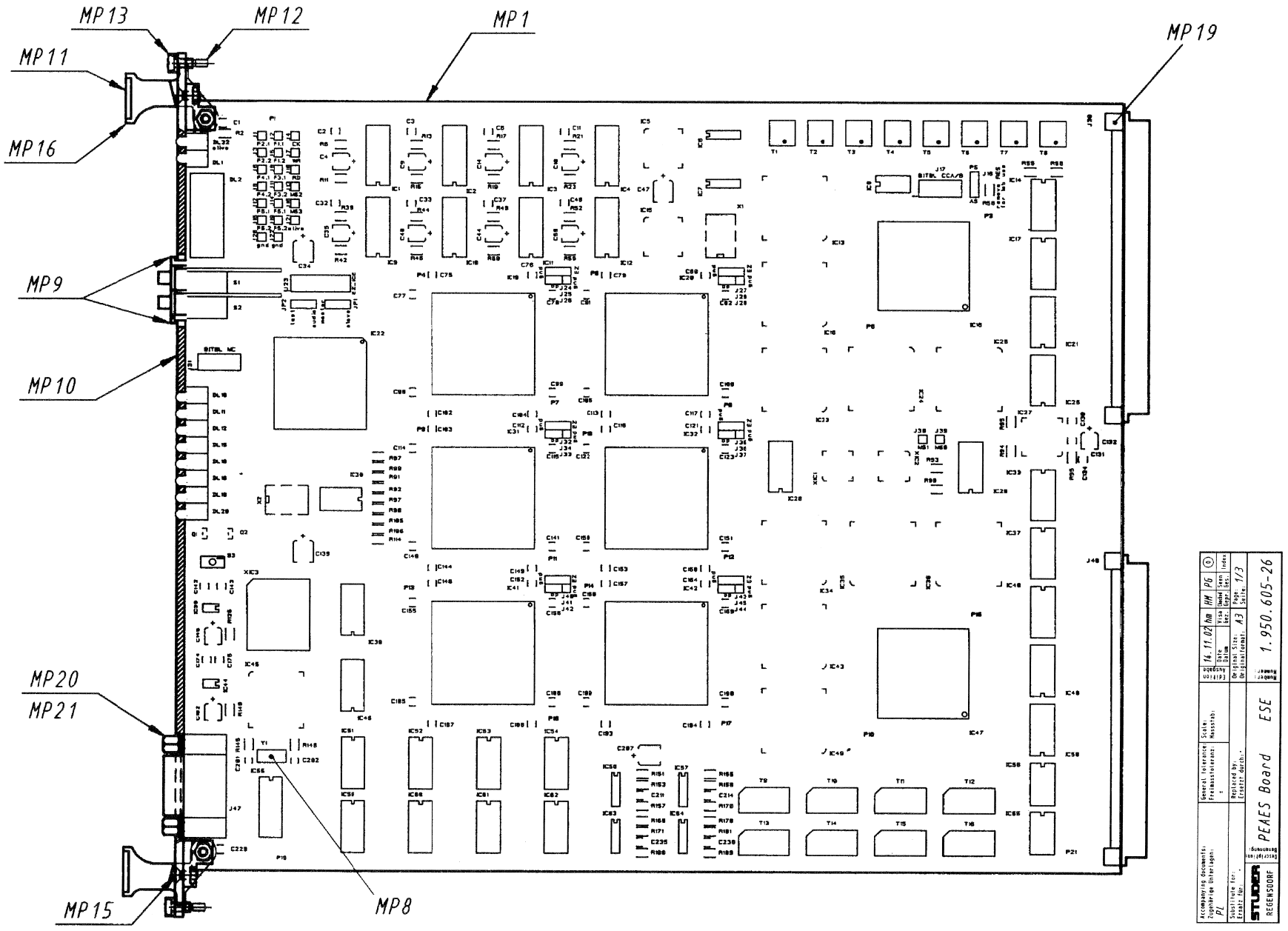
(line impedance <> 50 Ohm)

FSYNC_A
FSYNC_B



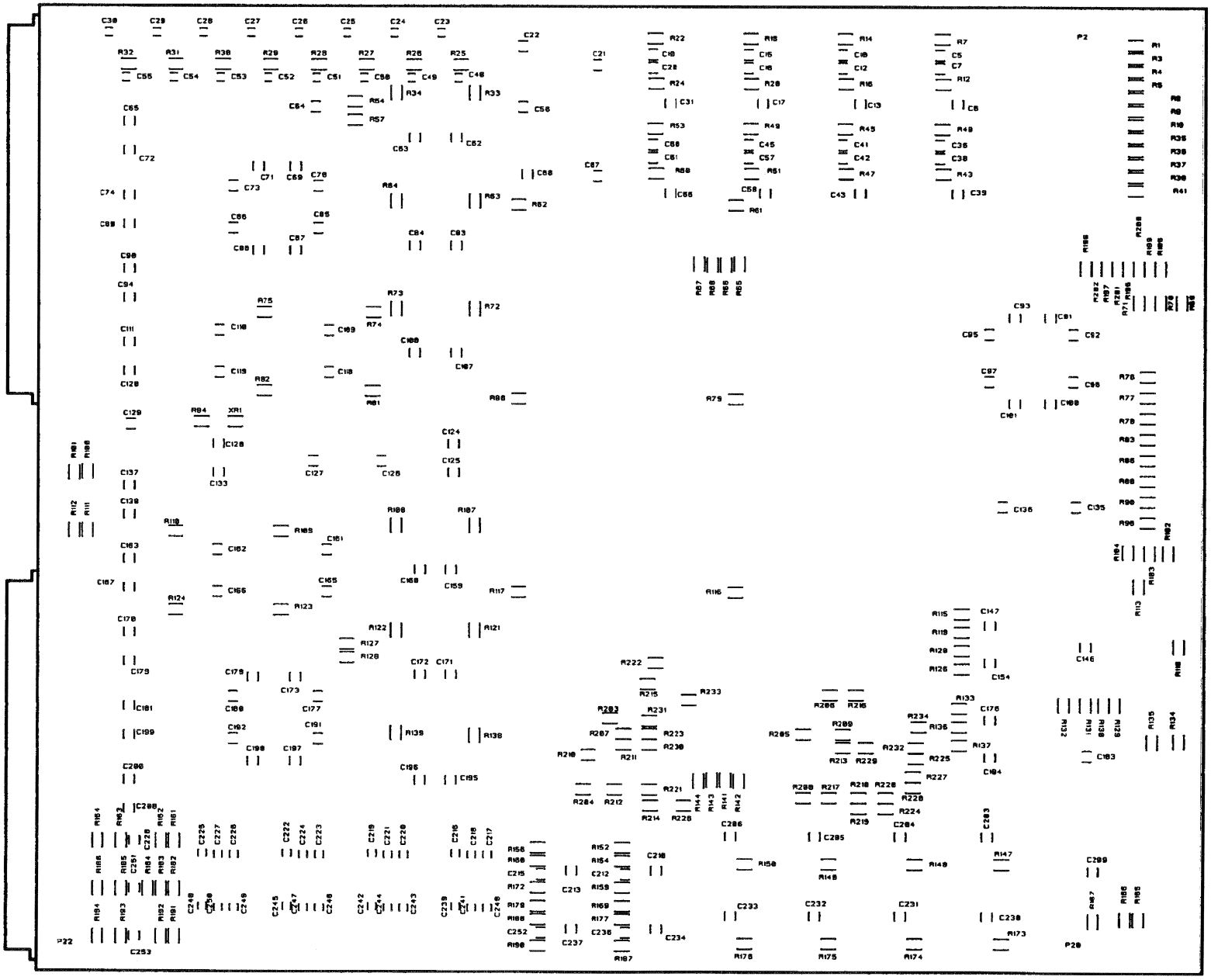
@ 14.11.2002 PG					PAGE 23 of 23
STUDER	PE / PEAES BOARD				1.950.605.26

PEAES Board 1.950.605.26 (0) (Component Side)



Accompanying Documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±	Scale: Massstab:	Approved (Name) Visa	14.11.02 Date Datum	HM Visa Visa	PG Index Ind.	0
Substitute for: Ersatz für: -	Replaced by: Ersetzt durch: -	Original Size: Originalformat: A3	Page: Seite: 1/3				
STUDER REGENSDORF	PEAES Board	ESE	1.950.605-26				

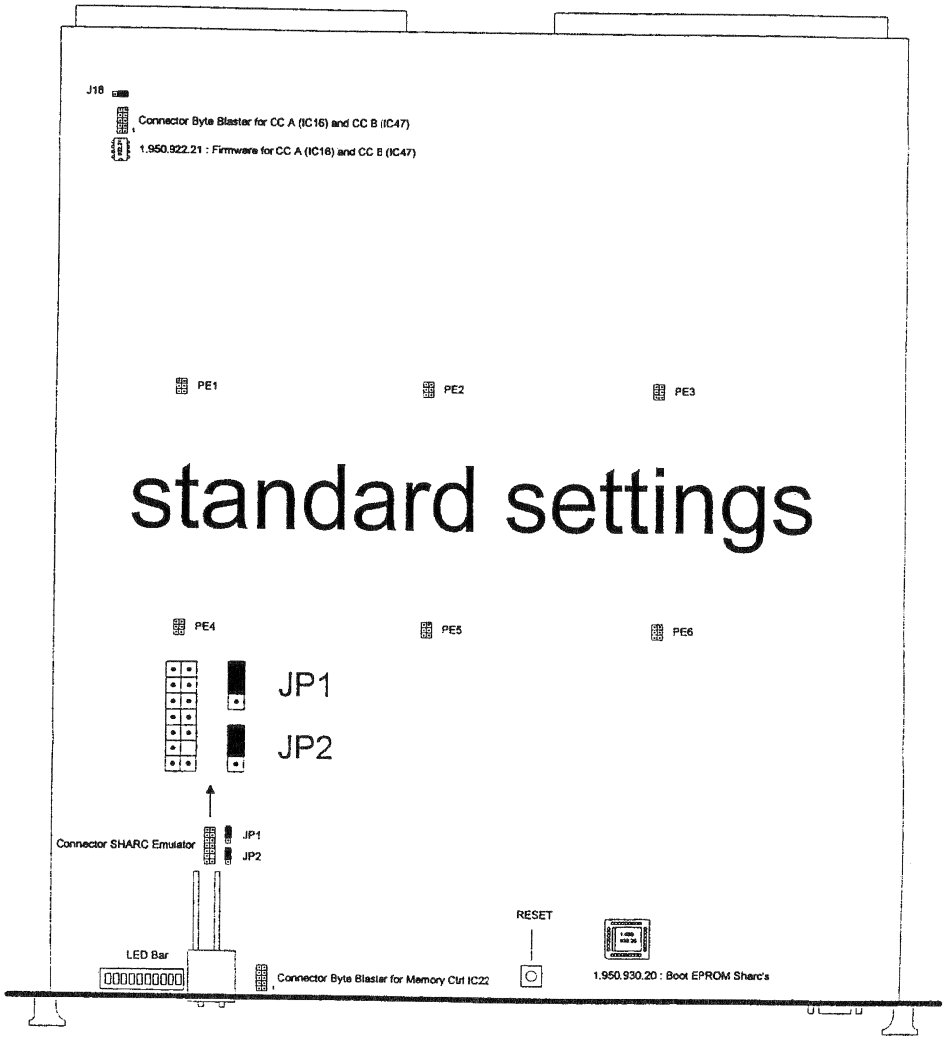
PEAES Board 1.950.605.26 (0) (Solder Side)



Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimassstoleranz: ±	Scale: Massstab:	Replaced by: Ersetzt durch:	Edition Ausgabe	14.11.02 Date Datum	HM Visa Ges.	PG Checked Gepr.	Seen Index
Substitute for: Ersatz für:				Original Size: A3 Originalformat:			Page: 2/3 Seite:	

STUDER REGENSDORF — Description: PEAES Board — Designation: ESE 1.950.605-26 — Number: Nummer

PEAES Board 1.950.605.26 (0) (Jumper Setting)



Settings for lab use

Jumper settings fot board test

JP1

JP2

test the board (master)

support the test (slave)

Jumper settings Byte Blaster (IC16 and IC47)

If you want to program the Altera with the Byte Blaster, you first have to remove R58

R58 removed
programming by EPC1

R58 removed
programming over Bit Blaster

Jumper settings using the SHARC Emulator

If you want to access a PE with the Emulator, you first have to remove the correspond-ing resistors
((R62 to access PE1) (R80 PE2) (R117 PE4) (R61 PE4) (R79 PE5) (R116 PE6)

		access by the Emulator	
		yes	no
resistor in place	yes		
	no		

Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±	Scale: Massstab:	Edition Ausgabe	14.11.02	hm	HM	PG	0
				Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz für: -	Replaced by: Ersetzt durch: -		Original Size: Originalformat: A3			Page: Seite: 3/3		
STUDER REGENSDORF	Description: Benennung: PEAES Board		ESE	Number: Nummer: 1.950.605-26				

PEAES Board 1.950.605.26 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 4	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 5	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 9	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 10	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 14	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 15	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 16	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 19	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 24	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 25	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 26	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 27	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 28	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 29	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 30	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 34	59.68.0109		10u	EL 35V, 5.0*5.7
0	C 35	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 36	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 37	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 40	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 41	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 45	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 46	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 47	59.68.0109		10u	EL 35V, 5.0*5.7
0	C 48	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 49	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 50	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 51	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 52	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 53	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 54	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 55	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 56	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 57	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 58	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 59	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 60	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 61	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 62	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 63	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 64	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 65	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 66	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 67	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 68	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 71	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 72	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 73	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 74	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 75	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 76	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 77	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 78	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 79	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 80	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 81	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 82	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 83	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 84	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 85	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 86	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 87	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 88	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 89	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 90	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 91	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 92	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 93	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 94	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 95	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 96	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 97	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 98	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 99	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 100	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 102	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 103	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 104	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 105	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 106	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 107	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 108	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 109	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 110	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 111	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 112	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 113	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 114	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 115	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 116	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 117	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 118	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 119	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 120	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 121	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 122	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 123	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 124	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 125	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 126	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 127	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 128	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 129	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 130	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 131	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 132	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 133	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 134	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 135	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 136	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 137	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 138	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 139	59.68.0109		10u	EL 35V, 5.0*5.7
0	C 140	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 141	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 142	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 143	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 144	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 145	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 146	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 147	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 148	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 149	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 150	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 151	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 152	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 153	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 154	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 155	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 156	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 157	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 158	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 159	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 160	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 161	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 162	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 163	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 164	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 165	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 166	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 167	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 168	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 169	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 170	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 171	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 172	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 173	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 174	59.60.3337		100n	CER 50V, 10%, X7R, 0805

PEAES Board 1.950.605.26 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 175	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 176	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 177	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 178	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 179	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 180	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 181	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 182	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 183	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 184	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 185	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 186	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 187	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 188	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 189	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 190	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 191	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 192	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 193	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 194	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 195	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 196	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 197	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 198	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 199	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 200	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 201	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 202	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 203	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 204	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 205	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 206	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 207	59.68.0109		10u	EL 35V, 5.0*5.7
0	C 208	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 209	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 210	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 211	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 212	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 213	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 214	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 215	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 216	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 217	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 218	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 219	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 220	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 221	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 222	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 223	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 224	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 225	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 226	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 227	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 228	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 229	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 230	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 231	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 232	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 233	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 234	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 235	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 236	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 237	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 238	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 239	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 240	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 241	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 242	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 243	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 244	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 245	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 246	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 247	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 248	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 249	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 250	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 251	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 252	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 253	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	DL 1	50.04.2751		grn	LED mit Halter
0	DL 2	50.04.2811		10*grn	LED-Bargraph 10*green
0	DL 10	50.04.2751		grn	LED mit Halter
0	DL 11	50.04.2751		grn	LED mit Halter
0	DL 12	50.04.2751		grn	LED mit Halter
0	DL 15	50.04.2751		grn	LED mit Halter
0	DL 16	50.04.2751		grn	LED mit Halter
0	DL 18	50.04.2751		grn	LED mit Halter
0	DL 19	50.04.2751		grn	LED mit Halter
0	DL 20	50.04.2751		grn	LED mit Halter
0	DL 22	50.04.2750		red	LED mit Halter
0	IC 1	50.62.0912		CS8411A	Dig audio interface receiver
0	IC 2	50.62.0912		CS8411A	Dig audio interface receiver
0	IC 3	50.62.0912		CS8411A	Dig audio interface receiver
0	IC 4	50.62.0912		CS8411A	Dig audio interface receiver
0	IC 5	50.62.0914		AD1890	Sample Rate Converter
0	IC 6	50.62.0463		DS34C86	4*RS 422 Line Receiver
0	IC 7	50.62.0463		DS34C86	4*RS 422 Line Receiver
0	IC 8	1.950.922.22			SW 605/615 CC (50.63.4298)
0	IC 9	50.62.0912		CS8411A	Dig audio interface receiver
0	IC 10	50.62.0912		CS8411A	Dig audio interface receiver
0	IC 11	50.62.0912		CS8411A	Dig audio interface receiver
0	IC 12	50.62.0912		CS8411A	Dig audio interface receiver
0	IC 13	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 14	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 15	50.62.0914		AD1890	Sample Rate Converter
0	IC 16	50.63.4207		EPF8820R	EPLD 8000 QFP208
0	IC 17	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 18	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 19	50.63.0408		ADSP21062	32bit DSP
0	IC 20	50.63.0408		ADSP21062	32bit DSP
0	IC 21	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 22	1.950.923.21			SW 605 MEMCTRL (50.63.4206)
0	IC 23	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 24	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 25	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 26	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 27	50.62.6915		74FCT88915	Clock-Driver
0	IC 28	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 29	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 30	50.62.6907		74FCT807	Share Clock-Driver
0	IC 31	50.63.0408		ADSP21062	32bit DSP
0	IC 32	50.63.0408		ADSP21062	32bit DSP
0	IC 33	50.62.6746		74ABTE16246	16bit Bus-Driver o.c.
0	IC 34	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 35	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 36	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 37	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 38	50.63.2001		7705B	Reset Generator
0	IC 39	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 40	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 41	50.63.0408		ADSP21062	32bit DSP
0	IC 42	50.63.0408		ADSP21062	32bit DSP
0	IC 43	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 44	50.63.2001		7705B	Reset Generator
0	IC 45	50.63.0203		TL16C550	UART
0	IC 46	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 47	50.63.4207		EPF8820R	EPLD 8000 QFP208
0	IC 48	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 49	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 50	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 51	50.62.0911		CS8401A	Dig audio interface transmitt
0	IC 52	50.62.0911		CS8401A	Dig audio interface transmitt
0	IC 53	50.62.0911		CS8401A	Dig audio interface transmitt
0	IC 54	50.62.0911		CS8401A	Dig audio interface transmitt
0	IC 55	50.62.0462		MAX 225	5*RS 232 Driver/Receiver
0	IC 56	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 57	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 58	50.62.6905		49FCT805	Dual Clock-Driver
0	IC 59	50.62.0911		CS8401A	Dig audio interface transmitt
0	IC 60	50.62.0911		CS8401A	Dig audio interface transmitt
0	IC 61	50.62.0911		CS8401A	Dig audio interface transmitt
0	IC 62	50.62.0911		CS8401A	Dig audio interface transmitt
0	IC 63	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 64	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 65	50.62.6905		49FCT805	Dual Clock-Driver
0	J 1	not used		1p	Pin, 1reihig, gerade
0	J 2	not used		1p	Pin, 1reihig, gerade
0	J 3	not used		1p	Pin, 1reihig, gerade
0	J 4	not used		1p	Pin, 1reihig, gerade
0	J 5	not used		1p	Pin, 1reihig, gerade
0	J 6	not used		1p	Pin, 1reihig, gerade
0	J 7	not used		1p	Pin, 1reihig, gerade
0	J 8	not used		1p	Pin, 1reihig, gerade
0	J 9	not used		1p	Pin, 1reihig, gerade
0	J 10	not used		1p	Pin, 1reihig, gerade
0	J 11	not used		1p	Pin, 1reihig, gerade
0	J 12	not used		1p	Pin, 1reihig, gerade
0	J 13	not used		1p	Pin, 1reihig, gerade
0	J 14	not used		1p	Pin, 1reihig, gerade
0	J 15	not used		1p	Pin, 1reihig, gerade
0	J 16	not used		1p	Pin, 1reihig, gerade
0	J 17	not used	10 pcs	1p	Pin, 1reihig, gerade
0	J 18	not used	3 pcs	1p	Pin, 1reihig, gerade
0	J 19	not used		1p	Pin, 1reihig, gerade

PEAES Board 1.950.605.26 (0)

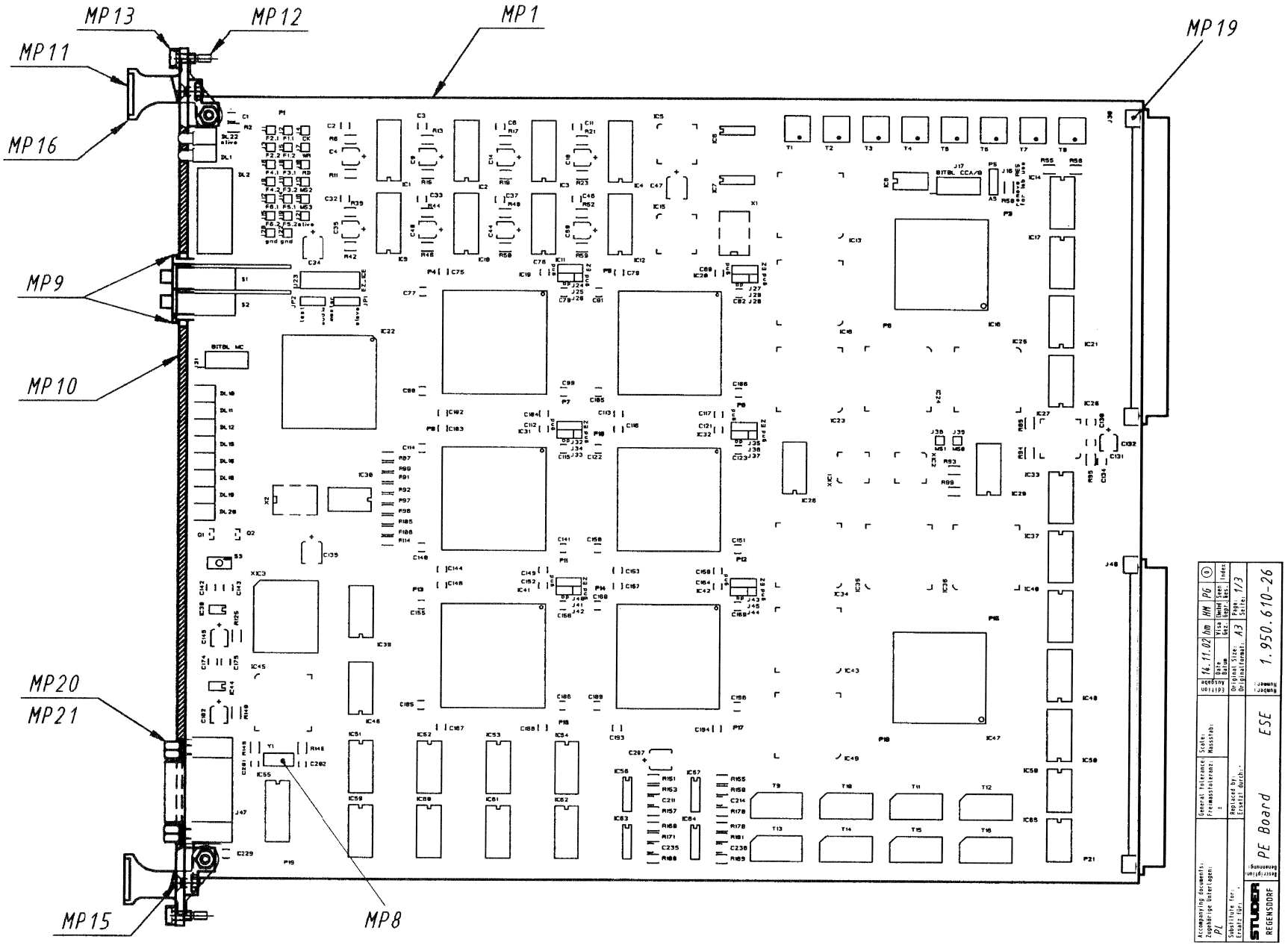
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	J 20	not used		1p	Pin, 1reihig, gerade
0	J 21	not used		1p	Pin, 1reihig, gerade
0	J 22	not used		1p	Pin, 1reihig, gerade
0	J 23	54.01.0020	14 pcs	1p	Pin, 1reihig, gerade
0	J 24	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 25	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 26	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 27	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 28	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 29	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 30	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 31	54.01.0020	10 pcs	1p	Pin, 1reihig, gerade
0	J 32	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 33	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 34	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 35	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 36	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 37	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 38	not used		1p	Pin, 1reihig, gerade
0	J 39	not used		1p	Pin, 1reihig, gerade
0	J 40	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 41	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 42	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 43	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 44	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 45	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 46	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 47	54.13.0071	1 pce	9p	D-Sub, PCB, Winkel
0	J 48	54.01.0021	2 pcs	Jumper	0.63*0.63mm, Au
0	JP 1	54.01.0020	3 pcs	1p	Pin, 1reihig, gerade
0	JP 2	54.01.0020	3 pcs	1p	Pin, 1reihig, gerade
0	MP 1	1.950.605.12	1 pce		PEAES PCB
0	MP 2	1.950.605.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	1.101.001.26	1 pce		TEXT-ETIK. 5*20 HARDWARE -26
0	MP 5	1.950.605.10	1 pce		BAUGRUPPENSCHILD 10X80
0	MP 8	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	MP 9	55.12.1122	1 pce		Seitenwand
0	MP 10	1.950.605.01	1 pce		FRONTPLATTE PEAES
0	MP 11	1.940.600.05	2 pcs		GRIFFEINLAGE 4TE
0	MP 12	49.02.0524	2 pcs	M2.5*12	Schraube spezial
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 15	not used	2 pcs	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0514	1 pce	4TE	Frontplatten-Griffsatz
0	MP 19	28.99.0119	4 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	54.13.0081	2 pcs	4.85mm	Bolzen UNC 4-40
0	MP 21	24.16.2030	2 pcs	3.2/6.0	Fächerscheibe Form A
0	Q 1	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	R 1	57.60.1331		330R	MF, 1%, 0204, E24
0	R 2	57.60.1105		1M	MF, 1%, 0204, E24
0	R 3	57.60.1331		330R	MF, 1%, 0204, E24
0	R 4	57.60.1331		330R	MF, 1%, 0204, E24
0	R 5	57.60.1331		330R	MF, 1%, 0204, E24
0	R 6	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 7	57.60.1103		10k	MF, 1%, 0204, E24
0	R 8	57.60.1331		330R	MF, 1%, 0204, E24
0	R 9	57.60.1331		330R	MF, 1%, 0204, E24
0	R 10	57.60.1331		330R	MF, 1%, 0204, E24
0	R 11	57.60.1100		10R	MF, 1%, 0204, E24
0	R 12	57.60.1103		10k	MF, 1%, 0204, E24
0	R 13	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 14	57.60.1103		10k	MF, 1%, 0204, E24
0	R 15	57.60.1100		10R	MF, 1%, 0204, E24
0	R 16	57.60.1103		10k	MF, 1%, 0204, E24
0	R 17	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 18	57.60.1103		10k	MF, 1%, 0204, E24
0	R 19	57.60.1100		10R	MF, 1%, 0204, E24
0	R 20	57.60.1103		10k	MF, 1%, 0204, E24
0	R 21	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 22	57.60.1103		10k	MF, 1%, 0204, E24
0	R 23	57.60.1100		10R	MF, 1%, 0204, E24
0	R 24	57.60.1103		10k	MF, 1%, 0204, E24
0	R 25	57.60.1111		110R	MF, 1%, 0204, E24
0	R 26	57.60.1111		110R	MF, 1%, 0204, E24
0	R 27	57.60.1111		110R	MF, 1%, 0204, E24
0	R 28	57.60.1111		110R	MF, 1%, 0204, E24
0	R 29	57.60.1111		110R	MF, 1%, 0204, E24
0	R 30	57.60.1111		110R	MF, 1%, 0204, E24
0	R 31	57.60.1111		110R	MF, 1%, 0204, E24
0	R 32	57.60.1111		110R	MF, 1%, 0204, E24
0	R 33	57.60.1103		10k	MF, 1%, 0204, E24
0	R 34	57.60.1103		10k	MF, 1%, 0204, E24
0	R 35	57.60.1331		330R	MF, 1%, 0204, E24
0	R 36	57.60.1331		330R	MF, 1%, 0204, E24
0	R 37	57.60.1331		330R	MF, 1%, 0204, E24
0	R 38	57.60.1331		330R	MF, 1%, 0204, E24
0	R 39	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 40	57.60.1103		10k	MF, 1%, 0204, E24
0	R 41	57.60.1331		330R	MF, 1%, 0204, E24
0	R 42	57.60.1100		10R	MF, 1%, 0204, E24
0	R 43	57.60.1103		10k	MF, 1%, 0204, E24
0	R 44	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 45	57.60.1103		10k	MF, 1%, 0204, E24
0	R 46	57.60.1100		10R	MF, 1%, 0204, E24
0	R 47	57.60.1103		10k	MF, 1%, 0204, E24
0	R 48	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 49	57.60.1103		10k	MF, 1%, 0204, E24
0	R 50	57.60.1100		10R	MF, 1%, 0204, E24
0	R 51	57.60.1103		10k	MF, 1%, 0204, E24
0	R 52	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 53	57.60.1103		10k	MF, 1%, 0204, E24
0	R 54	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 55	57.60.1103		10k	MF, 1%, 0204, E24
0	R 56	57.60.1331		330R	MF, 1%, 0204, E24
0	R 57	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 58	57.60.1109		1R	MF, 1%, 0204, E24
0	R 59	57.60.1100		10R	MF, 1%, 0204, E24
0	R 60	57.60.1103		10k	MF, 1%, 0204, E24
0	R 61	57.60.1109		1R	MF, 1%, 0204, E24
0	R 62	57.60.1109		1R	MF, 1%, 0204, E24
0	R 63	57.60.1103		10k	MF, 1%, 0204, E24
0	R 64	57.60.1103		10k	MF, 1%, 0204, E24
0	R 65	57.60.1680		68R	MF, 1%, 0204, E24
0	R 66	57.60.1181		180R	MF, 1%, 0204, E24
0	R 67	57.60.1680		68R	MF, 1%, 0204, E24
0	R 68	57.60.1181		180R	MF, 1%, 0204, E24
0	R 69	57.60.1103		10k	MF, 1%, 0204, E24
0	R 70	57.60.1103		10k	MF, 1%, 0204, E24
0	R 71	57.60.1103		10k	MF, 1%, 0204, E24
0	R 72	57.60.1103		10k	MF, 1%, 0204, E24
0	R 73	57.60.1103		10k	MF, 1%, 0204, E24
0	R 74	57.60.1103		10k	MF, 1%, 0204, E24
0	R 75	57.60.1103		10k	MF, 1%, 0204, E24
0	R 76	57.60.1331		330R	MF, 1%, 0204, E24
0	R 77	57.60.1331		330R	MF, 1%, 0204, E24
0	R 78	57.60.1331		330R	MF, 1%, 0204, E24
0	R 79	57.60.1109		1R	MF, 1%, 0204, E24
0	R 80	57.60.1109		1R	MF, 1%, 0204, E24
0	R 81	57.60.1103		10k	MF, 1%, 0204, E24
0	R 82	57.60.1103		10k	MF, 1%, 0204, E24
0	R 83	57.60.1331		330R	MF, 1%, 0204, E24
0	R 84	57.60.1109		1R	MF, 1%, 0204, E24
0	R 85	57.60.1270		27R	MF, 1%, 0204, E24
0	R 86	57.60.1331		330R	MF, 1%, 0204, E24
0	R 87	57.60.1270		27R	MF, 1%, 0204, E24
0	R 88	57.60.1331		330R	MF, 1%, 0204, E24
0	R 89	57.60.1270		27R	MF, 1%, 0204, E24
0	R 90	57.60.1331		330R	MF, 1%, 0204, E24
0	R 91	57.60.1270		27R	MF, 1%, 0204, E24
0	R 92	57.60.1270		27R	MF, 1%, 0204, E24
0	R 93	57.60.1270		27R	MF, 1%, 0204, E24
0	R 94	57.60.1270		27R	MF, 1%, 0204, E24
0	R 95	57.60.1270		27R	MF, 1%, 0204, E24
0	R 96	57.60.1331		330R	MF, 1%, 0204, E24
0	R 97	57.60.1270		27R	MF, 1%, 0204, E24
0	R 98	57.60.1270		27R	MF, 1%, 0204, E24
0	R 99	57.60.1270		27R	MF, 1%, 0204, E24
0	R 100	57.60.1331		330R	MF, 1%, 0204, E24
0	R 101	57.60.1103		10k	MF, 1%, 0204, E24
0	R 102	57.60.1104		100k	MF, 1%, 0204, E24
0	R 103	57.60.1103		10k	MF, 1%, 0204, E24
0	R 104	57.60.1104		100k	MF, 1%, 0204, E24
0	R 105	57.60.1270		27R	MF, 1%, 0204, E24
0	R 106	57.60.1270		27R	MF, 1%, 0204, E24
0	R 107	57.60.1103		10k	MF, 1%, 0204, E24
0	R 108	57.60.1103		10k	MF, 1%, 0204, E24
0	R 109	57.60.1103		10k	MF, 1%, 0204, E24
0	R 110	57.60.1103		10k	MF, 1%, 0204, E24
0	R 111	57.60.1331		330R	MF, 1%, 0204, E24
0	R 112	57.60.1103		10k	MF, 1%, 0204, E24
0	R 113	57.60.1103		10k	MF, 1%, 0204, E24
0	R 114	57.60.1270		27R	MF, 1%, 0204, E24
0	R 115	57.60.1103		10k	MF, 1%, 0204, E24
0	R 116	57.60.1109		1R	MF, 1%, 0204, E24
0	R 117	57.60.1109		1R	MF, 1%, 0204, E24
0	R 118	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 119	57.60.1103		10k	MF, 1%, 0204, E24
0	R 120	57.60.1103		10k	MF, 1%, 0204, E24
0	R 121	57.60.1103		10k	MF, 1%, 0204, E24
0	R 122	57.60.1103		10k	MF, 1%, 0204, E24
0	R 123	57.60.1103		10k	MF, 1%, 0204, E24
0	R 124	57.60.1103		10k	MF, 1%, 0204, E24
0	R 125	57.60.1100		10R	MF, 1%, 0204, E24

PEAES Board 1.950.605.26 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 126	57.60.1103		10k	MF, 1%, 0204, E24
0	R 127	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 128	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 129	57.60.1103		10k	MF, 1%, 0204, E24
0	R 130	57.60.1103		10k	MF, 1%, 0204, E24
0	R 131	57.60.1103		10k	MF, 1%, 0204, E24
0	R 132	57.60.1103		10k	MF, 1%, 0204, E24
0	R 133	57.60.1103		10k	MF, 1%, 0204, E24
0	R 134	57.60.1103		10k	MF, 1%, 0204, E24
0	R 135	57.60.1103		10k	MF, 1%, 0204, E24
0	R 136	57.60.1103		10k	MF, 1%, 0204, E24
0	R 137	57.60.1103		10k	MF, 1%, 0204, E24
0	R 138	57.60.1103		10k	MF, 1%, 0204, E24
0	R 139	57.60.1103		10k	MF, 1%, 0204, E24
0	R 140	57.60.1100		10R	MF, 1%, 0204, E24
0	R 141	57.60.1181		180R	MF, 1%, 0204, E24
0	R 142	57.60.1680		68R	MF, 1%, 0204, E24
0	R 143	57.60.1181		180R	MF, 1%, 0204, E24
0	R 144	57.60.1680		68R	MF, 1%, 0204, E24
0	R 145	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 146	57.60.1105		1M	MF, 1%, 0204, E24
0	R 147	57.60.1103		10k	MF, 1%, 0204, E24
0	R 148	57.60.1103		10k	MF, 1%, 0204, E24
0	R 149	57.60.1103		10k	MF, 1%, 0204, E24
0	R 150	57.60.1103		10k	MF, 1%, 0204, E24
0	R 151	57.60.1103		10k	MF, 1%, 0204, E24
0	R 152	57.60.1103		10k	MF, 1%, 0204, E24
0	R 153	57.60.1270		27R	MF, 1%, 0204, E24
0	R 154	57.60.1270		27R	MF, 1%, 0204, E24
0	R 155	57.60.1103		10k	MF, 1%, 0204, E24
0	R 156	57.60.1103		10k	MF, 1%, 0204, E24
0	R 157	57.60.1220		22R	MF, 1%, 0204, E24
0	R 158	57.60.1270		27R	MF, 1%, 0204, E24
0	R 159	57.60.1220		22R	MF, 1%, 0204, E24
0	R 160	57.60.1270		27R	MF, 1%, 0204, E24
0	R 161	57.60.1270		27R	MF, 1%, 0204, E24
0	R 162	57.60.1270		27R	MF, 1%, 0204, E24
0	R 163	57.60.1270		27R	MF, 1%, 0204, E24
0	R 164	57.60.1270		27R	MF, 1%, 0204, E24
0	R 165	57.60.1103		10k	MF, 1%, 0204, E24
0	R 166	57.60.1103		10k	MF, 1%, 0204, E24
0	R 167	57.60.1103		10k	MF, 1%, 0204, E24
0	R 168	57.60.1103		10k	MF, 1%, 0204, E24
0	R 169	57.60.1103		10k	MF, 1%, 0204, E24
0	R 170	57.60.1220		22R	MF, 1%, 0204, E24
0	R 171	57.60.1270		27R	MF, 1%, 0204, E24
0	R 172	57.60.1220		22R	MF, 1%, 0204, E24
0	R 173	57.60.1103		10k	MF, 1%, 0204, E24
0	R 174	57.60.1103		10k	MF, 1%, 0204, E24
0	R 175	57.60.1103		10k	MF, 1%, 0204, E24
0	R 176	57.60.1103		10k	MF, 1%, 0204, E24
0	R 177	57.60.1270		27R	MF, 1%, 0204, E24
0	R 178	57.60.1103		10k	MF, 1%, 0204, E24
0	R 179	57.60.1103		10k	MF, 1%, 0204, E24
0	R 180	57.60.1220		22R	MF, 1%, 0204, E24
0	R 181	57.60.1270		27R	MF, 1%, 0204, E24
0	R 182	57.60.1270		27R	MF, 1%, 0204, E24
0	R 183	57.60.1270		27R	MF, 1%, 0204, E24
0	R 184	57.60.1270		27R	MF, 1%, 0204, E24
0	R 185	57.60.1270		27R	MF, 1%, 0204, E24
0	R 186	57.60.1270		27R	MF, 1%, 0204, E24
0	R 187	57.60.1220		22R	MF, 1%, 0204, E24
0	R 188	57.60.1270		27R	MF, 1%, 0204, E24
0	R 189	57.60.1220		22R	MF, 1%, 0204, E24
0	R 190	57.60.1220		22R	MF, 1%, 0204, E24
0	R 191	57.60.1270		27R	MF, 1%, 0204, E24
0	R 192	57.60.1270		27R	MF, 1%, 0204, E24
0	R 193	57.60.1270		27R	MF, 1%, 0204, E24
0	R 194	57.60.1270		27R	MF, 1%, 0204, E24
0	R 195	57.60.1104		100k	MF, 1%, 0204, E24
0	R 196	57.60.1104		100k	MF, 1%, 0204, E24
0	R 197	57.60.1104		100k	MF, 1%, 0204, E24
0	R 198	57.60.1104		100k	MF, 1%, 0204, E24
0	R 199	57.60.1104		100k	MF, 1%, 0204, E24
0	R 200	57.60.1104		100k	MF, 1%, 0204, E24
0	R 201	57.60.1104		100k	MF, 1%, 0204, E24
0	R 202	57.60.1104		100k	MF, 1%, 0204, E24
0	R 203	57.60.1561		560R	MF, 1%, 0204, E24
0	R 204	57.60.1561		560R	MF, 1%, 0204, E24
0	R 205	57.60.1561		560R	MF, 1%, 0204, E24
0	R 206	57.60.1561		560R	MF, 1%, 0204, E24
0	R 207	57.60.1561		560R	MF, 1%, 0204, E24
0	R 208	57.60.1561		560R	MF, 1%, 0204, E24
0	R 209	57.60.1561		560R	MF, 1%, 0204, E24
0	R 210	57.60.1561		560R	MF, 1%, 0204, E24
0	R 211	57.60.1561		560R	MF, 1%, 0204, E24
0	R 212	57.60.1561		560R	MF, 1%, 0204, E24
0	R 213	57.60.1561		560R	MF, 1%, 0204, E24
0	R 214	57.60.1561		560R	MF, 1%, 0204, E24
0	R 215	57.60.1561		560R	MF, 1%, 0204, E24
0	R 216	57.60.1561		560R	MF, 1%, 0204, E24
0	R 217	57.60.1561		560R	MF, 1%, 0204, E24
0	R 218	57.60.1561		560R	MF, 1%, 0204, E24
0	R 219	57.60.1561		560R	MF, 1%, 0204, E24
0	R 220	57.60.1561		560R	MF, 1%, 0204, E24
0	R 221	57.60.1561		560R	MF, 1%, 0204, E24
0	R 222	57.60.1561		560R	MF, 1%, 0204, E24
0	R 223	57.60.1561		560R	MF, 1%, 0204, E24
0	R 224	57.60.1561		560R	MF, 1%, 0204, E24
0	R 225	57.60.1561		560R	MF, 1%, 0204, E24
0	R 226	57.60.1561		560R	MF, 1%, 0204, E24
0	R 227	57.60.1561		560R	MF, 1%, 0204, E24
0	R 228	57.60.1561		560R	MF, 1%, 0204, E24
0	R 229	57.60.1561		560R	MF, 1%, 0204, E24
0	R 230	57.60.1561		560R	MF, 1%, 0204, E24
0	R 231	57.60.1561		560R	MF, 1%, 0204, E24
0	R 232	57.60.1561		560R	MF, 1%, 0204, E24
0	R 233	57.60.1561		560R	MF, 1%, 0204, E24
0	R 234	57.60.1561		560R	MF, 1%, 0204, E24
0	S 1	55.12.1121			Code-Switch
0	S 2	55.12.1121			Code-Switch
0	S 3	55.15.0138		1*A	S 1 TASTE, 1*A,IMPULS,1.0 N
0	T 1	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 2	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 3	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 4	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 5	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 6	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 7	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 8	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 9	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 10	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 11	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 12	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 13	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 14	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 15	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 16	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	X 1	89.60.2002		16.0MHz	XTAL Oscillator
0	X 2	89.60.2004		40.0MHz	XTAL Oscillator
0	XDL 2	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 1	1.950.920.20			SW 605/10/1 GAL A (50.63.3002)
0	XIC 2	1.950.921.20			SW 605/615 GAL B (50.63.3002)
0	XIC 3	1.950.930.26			SW605/06/10/16/21 BOOT(.1301)
0	XIC 8	53.03.0166	pce	8p	DIL 0.3", löt, gerade
0	XR 1	not used		1R	MF, 1%, 0204, E24
0	XXIC 3	53.03.2232		32p	PLCC-Socket
0	Y 1	89.01.1017		1.8432MHz	XTAL HC49U

End of List

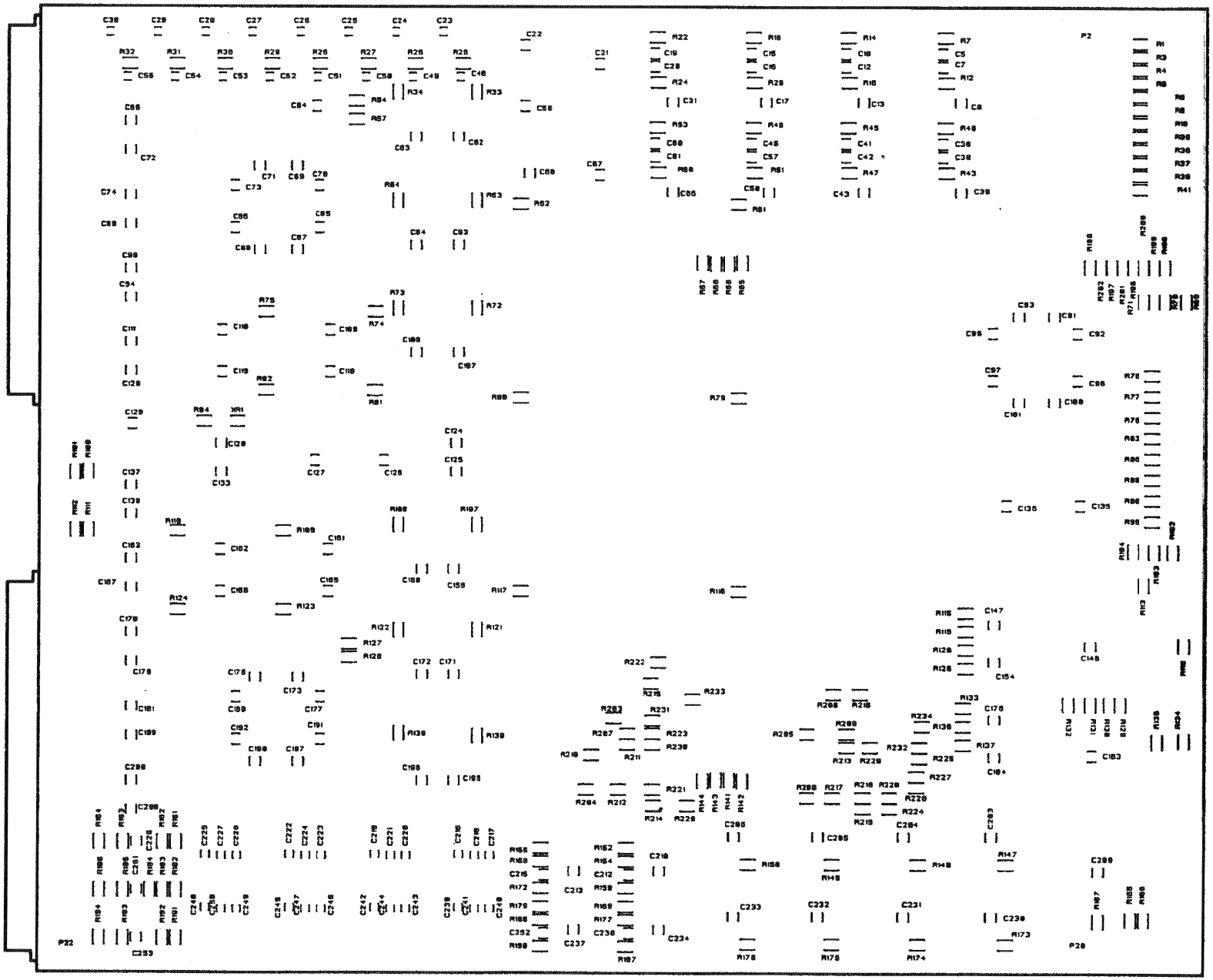
PE Board 1.950.610.26 (0) (Component Side)



Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±	Scale: Massstab:	Date 14.11.02	Name hm	HM	P6	0
			Visa	Check'd Gepr.	Appr. Abgen.	Index	
Substitute for: Ersatz für: -	Replaced by: Ersatzt durch: -		Original size: A3	Page Seite 1/3			
			Original format:				

STUDER REGENSDORF — PE Board — ESE 1.950.610-26

PE Board 1.950.610.26 (0) (Solder Side)



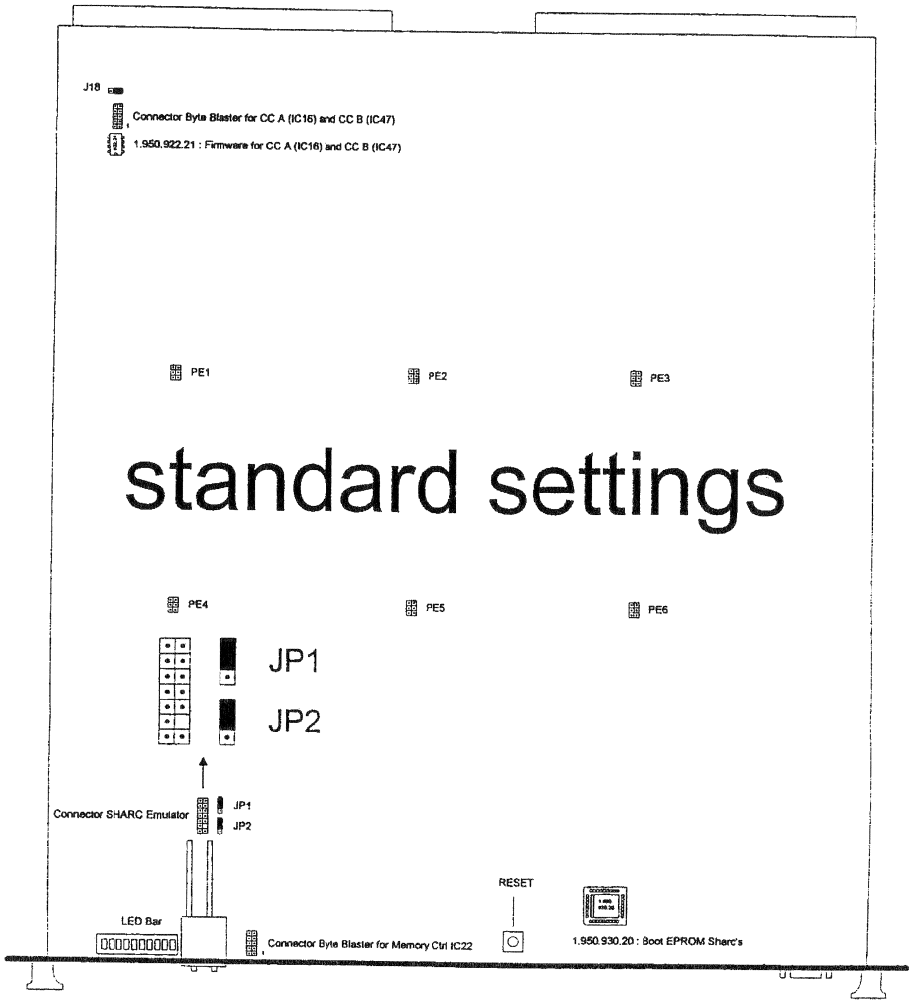
Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±	Scale: Massstab:	Edition Ausgabe	14.11.02 Date Datum	hm Visa Gez.	HM PG Checked Gepr.	6 Seen Index ges.
Substitute for: Ersatz für: -	Replaced by: Ersetzt durch: -	Original Size: Originalformat: A3	Page: Seite: 2/3				

STUDER REGENSDORF

Description: PE Board

Number: ESE 1.950.610-26

PE Board 1.950.610.26 (0) (Jumper Setting)



Settings for lab use

Jumper settings fot board test

JP1

JP2

test the board (master)

support the test (slave)

Jumper settings Byte Blaster (IC16 and IC47)

If you want to program the Altera with the Byte Blaster, you first have to remove R58

R58 removed
programming by EPC1

R58 removed
prgramming over Bit Blaster

Jumper settings using the SHARC Emulator

If you want to access a PE with the Emulator, you first have to remove the corresponding resistors
((R62 to access PE1) (R80 PE2) (R117 PE4) (R61 PE4) (R79 PE5) (R116 PE6)

		access by the Emulator	
		yes	no
resistor in place	yes		
	no		

Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±	Scale: Massstab:	Edition Ausgabe	14.11.02	hm	HM	PG	0
			Date Datum		Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz für: -	Replaced by: Ersetzt durch: -		Original Size: Originalformat:	A3	Page: Seite:	3/3		
STUDER REGENSDORF	Description: Benennung: PE Board		ESE	Number: Nummer:	1.950.610-26			

PE Board 1.950.610.26 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	not used		47n	CER 50V, 10%, X7R, 0805
0	C 3	not used		47n	CER 50V, 10%, X7R, 0805
0	C 4	not used		10u	EL 16V, 4.0*5.7
0	C 5	not used		10n	CER 50V, 10%, X7R, 0805
0	C 6	not used		47n	CER 50V, 10%, X7R, 0805
0	C 7	not used		10n	CER 50V, 10%, X7R, 0805
0	C 8	not used		100n	CER 50V, 10%, X7R, 0805
0	C 9	not used		10u	EL 16V, 4.0*5.7
0	C 10	not used		10n	CER 50V, 10%, X7R, 0805
0	C 11	not used		47n	CER 50V, 10%, X7R, 0805
0	C 12	not used		10n	CER 50V, 10%, X7R, 0805
0	C 13	not used		100n	CER 50V, 10%, X7R, 0805
0	C 14	not used		10u	EL 16V, 4.0*5.7
0	C 15	not used		10n	CER 50V, 10%, X7R, 0805
0	C 16	not used		10n	CER 50V, 10%, X7R, 0805
0	C 17	not used		100n	CER 50V, 10%, X7R, 0805
0	C 18	not used		10u	EL 16V, 4.0*5.7
0	C 19	not used		10n	CER 50V, 10%, X7R, 0805
0	C 20	not used		10n	CER 50V, 10%, X7R, 0805
0	C 21	not used		100n	CER 50V, 10%, X7R, 0805
0	C 22	not used		100n	CER 50V, 10%, X7R, 0805
0	C 23	not used		100p	CER 50V, 5%, C0G, 0603
0	C 24	not used		100p	CER 50V, 5%, C0G, 0603
0	C 25	not used		100p	CER 50V, 5%, C0G, 0603
0	C 26	not used		100p	CER 50V, 5%, C0G, 0603
0	C 27	not used		100p	CER 50V, 5%, C0G, 0603
0	C 28	not used		100p	CER 50V, 5%, C0G, 0603
0	C 29	not used		100p	CER 50V, 5%, C0G, 0603
0	C 30	not used		100p	CER 50V, 5%, C0G, 0603
0	C 31	not used		100n	CER 50V, 10%, X7R, 0805
0	C 32	not used		47n	CER 50V, 10%, X7R, 0805
0	C 33	not used		47n	CER 50V, 10%, X7R, 0805
0	C 34	59.68.0109		10u	EL 35V, 5.0*5.7
0	C 35	not used		10u	EL 16V, 4.0*5.7
0	C 36	not used		10n	CER 50V, 10%, X7R, 0805
0	C 37	not used		47n	CER 50V, 10%, X7R, 0805
0	C 38	not used		10n	CER 50V, 10%, X7R, 0805
0	C 39	not used		100n	CER 50V, 10%, X7R, 0805
0	C 40	not used		10u	EL 16V, 4.0*5.7
0	C 41	not used		10n	CER 50V, 10%, X7R, 0805
0	C 42	not used		10n	CER 50V, 10%, X7R, 0805
0	C 43	not used		100n	CER 50V, 10%, X7R, 0805
0	C 44	not used		10u	EL 16V, 4.0*5.7
0	C 45	not used		10n	CER 50V, 10%, X7R, 0805
0	C 46	not used		47n	CER 50V, 10%, X7R, 0805
0	C 47	59.68.0109		10u	EL 35V, 5.0*5.7
0	C 48	not used		100p	CER 50V, 5%, C0G, 0603
0	C 49	not used		100p	CER 50V, 5%, C0G, 0603
0	C 50	not used		100p	CER 50V, 5%, C0G, 0603
0	C 51	not used		100p	CER 50V, 5%, C0G, 0603
0	C 52	not used		100p	CER 50V, 5%, C0G, 0603
0	C 53	not used		100p	CER 50V, 5%, C0G, 0603
0	C 54	not used		100p	CER 50V, 5%, C0G, 0603
0	C 55	not used		100p	CER 50V, 5%, C0G, 0603
0	C 56	not used		100n	CER 50V, 10%, X7R, 0805
0	C 57	not used		10n	CER 50V, 10%, X7R, 0805
0	C 58	not used		100n	CER 50V, 10%, X7R, 0805
0	C 59	not used		10u	EL 16V, 4.0*5.7
0	C 60	not used		10n	CER 50V, 10%, X7R, 0805
0	C 61	not used		10n	CER 50V, 10%, X7R, 0805
0	C 62	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 63	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 64	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 65	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 66	not used		100n	CER 50V, 10%, X7R, 0805
0	C 67	not used		100n	CER 50V, 10%, X7R, 0805
0	C 68	not used		100n	CER 50V, 10%, X7R, 0805
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 71	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 72	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 73	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 74	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 75	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 76	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 77	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 78	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 79	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 80	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 81	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 82	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 83	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 84	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 85	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 86	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 87	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 88	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 89	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 90	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 91	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 92	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 93	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 94	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 95	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 96	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 97	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 98	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 99	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 100	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 102	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 103	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 104	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 105	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 106	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 107	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 108	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 109	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 110	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 111	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 112	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 113	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 114	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 115	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 116	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 117	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 118	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 119	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 120	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 121	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 122	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 123	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 124	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 125	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 126	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 127	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 128	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 129	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 130	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 131	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 132	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 133	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 134	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 135	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 136	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 137	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 138	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 139	59.68.0109		10u	EL 35V, 5.0*5.7
0	C 140	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 141	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 142	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 143	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 144	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 145	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 146	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 147	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 148	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 149	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 150	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 151	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 152	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 153	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 154	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 155	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 156	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 157	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 158	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 159	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 160	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 161	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 162	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 163	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 164	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 165	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 166	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 167	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 168	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 169	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 170	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 171	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 172	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 173	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 174	59.60.3337		100n	CER 50V, 10%, X7R, 0805

PE Board 1.950.610.26 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 175	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 176	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 177	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 178	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 179	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 180	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 181	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 182	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 183	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 184	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 185	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 186	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 187	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 188	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 189	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 190	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 191	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 192	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 193	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 194	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 195	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 196	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 197	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 198	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 199	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 200	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 201	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 202	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 203	not used		100n	CER 50V, 10%, X7R, 0805
0	C 204	not used		100n	CER 50V, 10%, X7R, 0805
0	C 205	not used		100n	CER 50V, 10%, X7R, 0805
0	C 206	not used		100n	CER 50V, 10%, X7R, 0805
0	C 207	not used		10u	EL 35V, 5.0*5.7
0	C 208	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 209	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 210	not used		100n	CER 50V, 10%, X7R, 0805
0	C 211	not used		100n	CER 50V, 10%, X7R, 0805
0	C 212	not used		100n	CER 50V, 10%, X7R, 0805
0	C 213	not used		100n	CER 50V, 10%, X7R, 0805
0	C 214	not used		100n	CER 50V, 10%, X7R, 0805
0	C 215	not used		100n	CER 50V, 10%, X7R, 0805
0	C 216	not used		100p	CER 50V, 5%, C0G, 0603
0	C 217	not used		100p	CER 50V, 5%, C0G, 0603
0	C 218	not used		100p	CER 50V, 5%, C0G, 0603
0	C 219	not used		100p	CER 50V, 5%, C0G, 0603
0	C 220	not used		100p	CER 50V, 5%, C0G, 0603
0	C 221	not used		100p	CER 50V, 5%, C0G, 0603
0	C 222	not used		100p	CER 50V, 5%, C0G, 0603
0	C 223	not used		100p	CER 50V, 5%, C0G, 0603
0	C 224	not used		100p	CER 50V, 5%, C0G, 0603
0	C 225	not used		100p	CER 50V, 5%, C0G, 0603
0	C 226	not used		100p	CER 50V, 5%, C0G, 0603
0	C 227	not used		100p	CER 50V, 5%, C0G, 0603
0	C 228	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 229	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 230	not used		100n	CER 50V, 10%, X7R, 0805
0	C 231	not used		100n	CER 50V, 10%, X7R, 0805
0	C 232	not used		100n	CER 50V, 10%, X7R, 0805
0	C 233	not used		100n	CER 50V, 10%, X7R, 0805
0	C 234	not used		100n	CER 50V, 10%, X7R, 0805
0	C 235	not used		100n	CER 50V, 10%, X7R, 0805
0	C 236	not used		100n	CER 50V, 10%, X7R, 0805
0	C 237	not used		100n	CER 50V, 10%, X7R, 0805
0	C 238	not used		100n	CER 50V, 10%, X7R, 0805
0	C 239	not used		100p	CER 50V, 5%, C0G, 0603
0	C 240	not used		100p	CER 50V, 5%, C0G, 0603
0	C 241	not used		100p	CER 50V, 5%, C0G, 0603
0	C 242	not used		100p	CER 50V, 5%, C0G, 0603
0	C 243	not used		100p	CER 50V, 5%, C0G, 0603
0	C 244	not used		100p	CER 50V, 5%, C0G, 0603
0	C 245	not used		100p	CER 50V, 5%, C0G, 0603
0	C 246	not used		100p	CER 50V, 5%, C0G, 0603
0	C 247	not used		100p	CER 50V, 5%, C0G, 0603
0	C 248	not used		100p	CER 50V, 5%, C0G, 0603
0	C 249	not used		100p	CER 50V, 5%, C0G, 0603
0	C 250	not used		100p	CER 50V, 5%, C0G, 0603
0	C 251	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 252	not used		100n	CER 50V, 10%, X7R, 0805
0	C 253	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	DL 1	50.04.2751		grn	LED mit Halter
0	DL 2	50.04.2811		10*grn	LED-Bargraph 10*green
0	DL 10	not used		grn	LED mit Halter
0	DL 11	not used		grn	LED mit Halter
0	DL 12	not used		grn	LED mit Halter
0	DL 15	not used		grn	LED mit Halter
0	DL 16	not used		grn	LED mit Halter
0	DL 18	not used		grn	LED mit Halter
0	DL 19	not used		grn	LED mit Halter
0	DL 20	not used		grn	LED mit Halter
0	DL 22	50.04.2750		red	LED mit Halter
0	IC 1	not used		CS8411A	Dig audio interface receiver
0	IC 2	not used		CS8411A	Dig audio interface receiver
0	IC 3	not used		CS8411A	Dig audio interface receiver
0	IC 4	not used		CS8411A	Dig audio interface receiver
0	IC 5	not used		AD1890	Sample Rate Converter
0	IC 6	not used		DS34C86	4*RS 422 Line Receiver
0	IC 7	not used		DS34C86	4*RS 422 Line Receiver
0	IC 8	1.950.922.22			SW 605/615 CC (50.63.4298)
0	IC 9	not used		CS8411A	Dig audio interface receiver
0	IC 10	not used		CS8411A	Dig audio interface receiver
0	IC 11	not used		CS8411A	Dig audio interface receiver
0	IC 12	not used		CS8411A	Dig audio interface receiver
0	IC 13	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 14	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 15	not used		AD1890	Sample Rate Converter
0	IC 16	50.63.4207		EPF8820R	EPLD 8000 QFP208
0	IC 17	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 18	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 19	50.63.0408		ADSP21062	32bit DSP
0	IC 20	50.63.0408		ADSP21062	32bit DSP
0	IC 21	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 22	1.950.919.21			SW 610 MEMCTRL (50.63.4206)
0	IC 23	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 24	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 25	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 26	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 27	50.62.6915		74FCT88915	Clock-Driver
0	IC 28	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 29	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 30	50.62.6907		74FCT807	Share Clock-Driver
0	IC 31	50.63.0408		ADSP21062	32bit DSP
0	IC 32	50.63.0408		ADSP21062	32bit DSP
0	IC 33	50.62.6746		74ABTE16246	16bit Bus-Driver o.c.
0	IC 34	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 35	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 36	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 37	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 38	50.63.2001		7705B	Reset Generator
0	IC 39	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 40	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 41	50.63.0408		ADSP21062	32bit DSP
0	IC 42	50.63.0408		ADSP21062	32bit DSP
0	IC 43	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 44	50.63.2001		7705B	Reset Generator
0	IC 45	50.63.0203		TL16C550	UART
0	IC 46	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 47	50.63.4207		EPF8820R	EPLD 8000 QFP208
0	IC 48	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 49	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 50	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 51	not used		CS8401A	Dig audio interface transmitt
0	IC 52	not used		CS8401A	Dig audio interface transmitt
0	IC 53	not used		CS8401A	Dig audio interface transmitt
0	IC 54	not used		CS8401A	Dig audio interface transmitt
0	IC 55	50.62.0462		MAX 225	5*RS 232 Driver/Receiver
0	IC 56	not used		DS34C87	4*RS 422 Line Driver
0	IC 57	not used		DS34C87	4*RS 422 Line Driver
0	IC 58	50.62.6905		49FCT805	Dual Clock-Driver
0	IC 59	not used		CS8401A	Dig audio interface transmitt
0	IC 60	not used		CS8401A	Dig audio interface transmitt
0	IC 61	not used		CS8401A	Dig audio interface transmitt
0	IC 62	not used		CS8401A	Dig audio interface transmitt
0	IC 63	not used		DS34C87	4*RS 422 Line Driver
0	IC 64	not used		DS34C87	4*RS 422 Line Driver
0	IC 65	50.62.6905		49FCT805	Dual Clock-Driver
0	J 1	not used		1p	Pin, 1reihig, gerade
0	J 2	not used		1p	Pin, 1reihig, gerade
0	J 3	not used		1p	Pin, 1reihig, gerade
0	J 4	not used		1p	Pin, 1reihig, gerade
0	J 5	not used		1p	Pin, 1reihig, gerade
0	J 6	not used		1p	Pin, 1reihig, gerade
0	J 7	not used		1p	Pin, 1reihig, gerade
0	J 8	not used		1p	Pin, 1reihig, gerade
0	J 9	not used		1p	Pin, 1reihig, gerade
0	J 10	not used		1p	Pin, 1reihig, gerade
0	J 11	not used		1p	Pin, 1reihig, gerade
0	J 12	not used		1p	Pin, 1reihig, gerade
0	J 13	not used		1p	Pin, 1reihig, gerade
0	J 14	not used		1p	Pin, 1reihig, gerade
0	J 15	not used		1p	Pin, 1reihig, gerade
0	J 16	not used		1p	Pin, 1reihig, gerade
0	J 17	not used	10 pcs	1p	Pin, 1reihig, gerade
0	J 18	not used	3 pcs	1p	Pin, 1reihig, gerade
0	J 19	not used		1p	Pin, 1reihig, gerade

PE Board 1.950.610.26 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	J 20	not used		1p	Pin, 1reihig, gerade
0	J 21	not used		1p	Pin, 1reihig, gerade
0	J 22	not used		1p	Pin, 1reihig, gerade
0	J 23	54.01.0020	14 pcs	1p	Pin, 1reihig, gerade
0	J 24	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 25	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 26	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 27	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 28	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 29	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 30	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 31	54.01.0020	10 pcs	1p	Pin, 1reihig, gerade
0	J 32	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 33	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 34	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 35	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 36	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 37	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 38	not used		1p	Pin, 1reihig, gerade
0	J 39	not used		1p	Pin, 1reihig, gerade
0	J 40	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 41	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 42	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 43	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 44	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 45	54.01.0020	0 pce	1p	Pin, 1reihig, gerade
0	J 46	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 47	54.13.0071	1 pce	9p	D-Sub, PCB, Winkel
0	J 48	54.01.0021	2 pcs	Jumper	0.63*0.63mm, Au
0	JP 1	54.01.0020	3 pcs	1p	Pin, 1reihig, gerade
0	JP 2	54.01.0020	3 pcs	1p	Pin, 1reihig, gerade
0	MP 1	1.950.605.12	1 pce		PEAES PCB
0	MP 2	1.950.610.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	1.101.001.26	1 pce		TEXT-ETIK. 5*20 HARDWARE -26
0	MP 5	1.950.610.10	1 pce		BAUGRUPPENSCHILD 10X80
0	MP 8	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	MP 9	55.12.1122	1 pce		Seitenwand
0	MP 10	1.950.610.01	1 pce		FRONTPLATTE PE
0	MP 11	1.940.600.05	2 pcs		GRIFFEINLAGE 4TE
0	MP 12	49.02.0524	2 pcs	M2.5*12	Schraube spezial
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 15	not used	2 pcs	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0514	1 pce	4TE	Frontplatten-Griffsatz
0	MP 19	28.99.0119	4 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	54.13.0081	2 pcs	4.85mm	Bolzen UNC 4-40
0	MP 21	24.16.2030	2 pcs	3.2/6.0	Fächerscheibe Form A
0	Q 1	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	R 1	57.60.1331		330R	MF, 1%, 0204, E24
0	R 2	57.60.1105		1M	MF, 1%, 0204, E24
0	R 3	57.60.1331		330R	MF, 1%, 0204, E24
0	R 4	57.60.1331		330R	MF, 1%, 0204, E24
0	R 5	57.60.1331		330R	MF, 1%, 0204, E24
0	R 6	not used		1k0	MF, 1%, 0204, E24
0	R 7	not used		10k	MF, 1%, 0204, E24
0	R 8	57.60.1331		330R	MF, 1%, 0204, E24
0	R 9	57.60.1331		330R	MF, 1%, 0204, E24
0	R 10	57.60.1331		330R	MF, 1%, 0204, E24
0	R 11	not used		10R	MF, 1%, 0204, E24
0	R 12	not used		10k	MF, 1%, 0204, E24
0	R 13	not used		1k0	MF, 1%, 0204, E24
0	R 14	not used		10k	MF, 1%, 0204, E24
0	R 15	not used		10R	MF, 1%, 0204, E24
0	R 16	not used		10k	MF, 1%, 0204, E24
0	R 17	not used		1k0	MF, 1%, 0204, E24
0	R 18	not used		10k	MF, 1%, 0204, E24
0	R 19	not used		10R	MF, 1%, 0204, E24
0	R 20	not used		10k	MF, 1%, 0204, E24
0	R 21	not used		1k0	MF, 1%, 0204, E24
0	R 22	not used		10k	MF, 1%, 0204, E24
0	R 23	not used		10R	MF, 1%, 0204, E24
0	R 24	not used		10k	MF, 1%, 0204, E24
0	R 25	not used		110R	MF, 1%, 0204, E24
0	R 26	not used		110R	MF, 1%, 0204, E24
0	R 27	not used		110R	MF, 1%, 0204, E24
0	R 28	not used		110R	MF, 1%, 0204, E24
0	R 29	not used		110R	MF, 1%, 0204, E24
0	R 30	not used		110R	MF, 1%, 0204, E24
0	R 31	not used		110R	MF, 1%, 0204, E24
0	R 32	not used		110R	MF, 1%, 0204, E24
0	R 33	57.60.1103		10k	MF, 1%, 0204, E24
0	R 34	57.60.1103		10k	MF, 1%, 0204, E24
0	R 35	57.60.1331		330R	MF, 1%, 0204, E24
0	R 36	57.60.1331		330R	MF, 1%, 0204, E24
0	R 37	57.60.1331		330R	MF, 1%, 0204, E24
0	R 38	57.60.1331		330R	MF, 1%, 0204, E24

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 39	not used		1k0	MF, 1%, 0204, E24
0	R 40	not used		10k	MF, 1%, 0204, E24
0	R 41	57.60.1331		330R	MF, 1%, 0204, E24
0	R 42	not used		10R	MF, 1%, 0204, E24
0	R 43	not used		10k	MF, 1%, 0204, E24
0	R 44	not used		1k0	MF, 1%, 0204, E24
0	R 45	not used		10k	MF, 1%, 0204, E24
0	R 46	not used		10R	MF, 1%, 0204, E24
0	R 47	not used		10k	MF, 1%, 0204, E24
0	R 48	not used		1k0	MF, 1%, 0204, E24
0	R 49	not used		10k	MF, 1%, 0204, E24
0	R 50	not used		10R	MF, 1%, 0204, E24
0	R 51	not used		10k	MF, 1%, 0204, E24
0	R 52	not used		1k0	MF, 1%, 0204, E24
0	R 53	not used		10k	MF, 1%, 0204, E24
0	R 54	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 55	57.60.1103		10k	MF, 1%, 0204, E24
0	R 56	57.60.1331		330R	MF, 1%, 0204, E24
0	R 57	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 58	57.60.1109		1R	MF, 1%, 0204, E24
0	R 59	not used		10R	MF, 1%, 0204, E24
0	R 60	not used		10k	MF, 1%, 0204, E24
0	R 61	57.60.1109		1R	MF, 1%, 0204, E24
0	R 62	57.60.1109		1R	MF, 1%, 0204, E24
0	R 63	57.60.1103		10k	MF, 1%, 0204, E24
0	R 64	57.60.1103		10k	MF, 1%, 0204, E24
0	R 65	57.60.1680		68R	MF, 1%, 0204, E24
0	R 66	57.60.1181		180R	MF, 1%, 0204, E24
0	R 67	57.60.1680		68R	MF, 1%, 0204, E24
0	R 68	57.60.1181		180R	MF, 1%, 0204, E24
0	R 69	57.60.1103		10k	MF, 1%, 0204, E24
0	R 70	57.60.1103		10k	MF, 1%, 0204, E24
0	R 71	57.60.1103		10k	MF, 1%, 0204, E24
0	R 72	57.60.1103		10k	MF, 1%, 0204, E24
0	R 73	57.60.1103		10k	MF, 1%, 0204, E24
0	R 74	57.60.1103		10k	MF, 1%, 0204, E24
0	R 75	57.60.1103		10k	MF, 1%, 0204, E24
0	R 76	57.60.1331		330R	MF, 1%, 0204, E24
0	R 77	57.60.1331		330R	MF, 1%, 0204, E24
0	R 78	57.60.1331		330R	MF, 1%, 0204, E24
0	R 79	57.60.1109		1R	MF, 1%, 0204, E24
0	R 80	57.60.1109		1R	MF, 1%, 0204, E24
0	R 81	57.60.1103		10k	MF, 1%, 0204, E24
0	R 82	57.60.1103		10k	MF, 1%, 0204, E24
0	R 83	57.60.1331		330R	MF, 1%, 0204, E24
0	R 84	57.60.1109		1R	MF, 1%, 0204, E24
0	R 85	57.60.1270		27R	MF, 1%, 0204, E24
0	R 86	57.60.1331		330R	MF, 1%, 0204, E24
0	R 87	57.60.1270		27R	MF, 1%, 0204, E24
0	R 88	57.60.1331		330R	MF, 1%, 0204, E24
0	R 89	57.60.1270		27R	MF, 1%, 0204, E24
0	R 90	57.60.1331		330R	MF, 1%, 0204, E24
0	R 91	57.60.1270		27R	MF, 1%, 0204, E24
0	R 92	57.60.1270		27R	MF, 1%, 0204, E24
0	R 93	57.60.1270		27R	MF, 1%, 0204, E24
0	R 94	57.60.1270		27R	MF, 1%, 0204, E24
0	R 95	57.60.1270		27R	MF, 1%, 0204, E24
0	R 96	57.60.1331		330R	MF, 1%, 0204, E24
0	R 97	57.60.1270		27R	MF, 1%, 0204, E24
0	R 98	57.60.1270		27R	MF, 1%, 0204, E24
0	R 99	57.60.1270		27R	MF, 1%, 0204, E24
0	R 100	57.60.1331		330R	MF, 1%, 0204, E24
0	R 101	57.60.1103		10k	MF, 1%, 0204, E24
0	R 102	57.60.1104		100k	MF, 1%, 0204, E24
0	R 103	57.60.1103		10k	MF, 1%, 0204, E24
0	R 104	57.60.1104		100k	MF, 1%, 0204, E24
0	R 105	57.60.1270		27R	MF, 1%, 0204, E24
0	R 106	57.60.1270		27R	MF, 1%, 0204, E24
0	R 107	57.60.1103		10k	MF, 1%, 0204, E24
0	R 108	57.60.1103		10k	MF, 1%, 0204, E24
0	R 109	57.60.1103		10k	MF, 1%, 0204, E24
0	R 110	57.60.1103		10k	MF, 1%, 0204, E24
0	R 111	57.60.1331		330R	MF, 1%, 0204, E24
0	R 112	57.60.1103		10k	MF, 1%, 0204, E24
0	R 113	57.60.1103		10k	MF, 1%, 0204, E24
0	R 114	57.60.1270		27R	MF, 1%, 0204, E24
0	R 115	57.60.1103		10k	MF, 1%, 0204, E24
0	R 116	57.60.1109		1R	MF, 1%, 0204, E24
0	R 117	57.60.1109		1R	MF, 1%, 0204, E24
0	R 118	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 119	57.60.1103		10k	MF, 1%, 0204, E24
0	R 120	57.60.1103		10k	MF, 1%, 0204, E24
0	R 121	57.60.1103		10k	MF, 1%, 0204, E24
0	R 122	57.60.1103		10k	MF, 1%, 0204, E24
0	R 123	57.60.1103		10k	MF, 1%, 0204, E24
0	R 124	57.60.1103		10k	MF, 1%, 0204, E24
0	R 125	57.60.1100		10R	MF, 1%, 0204, E24

PE Board 1.950.610.26 (0)

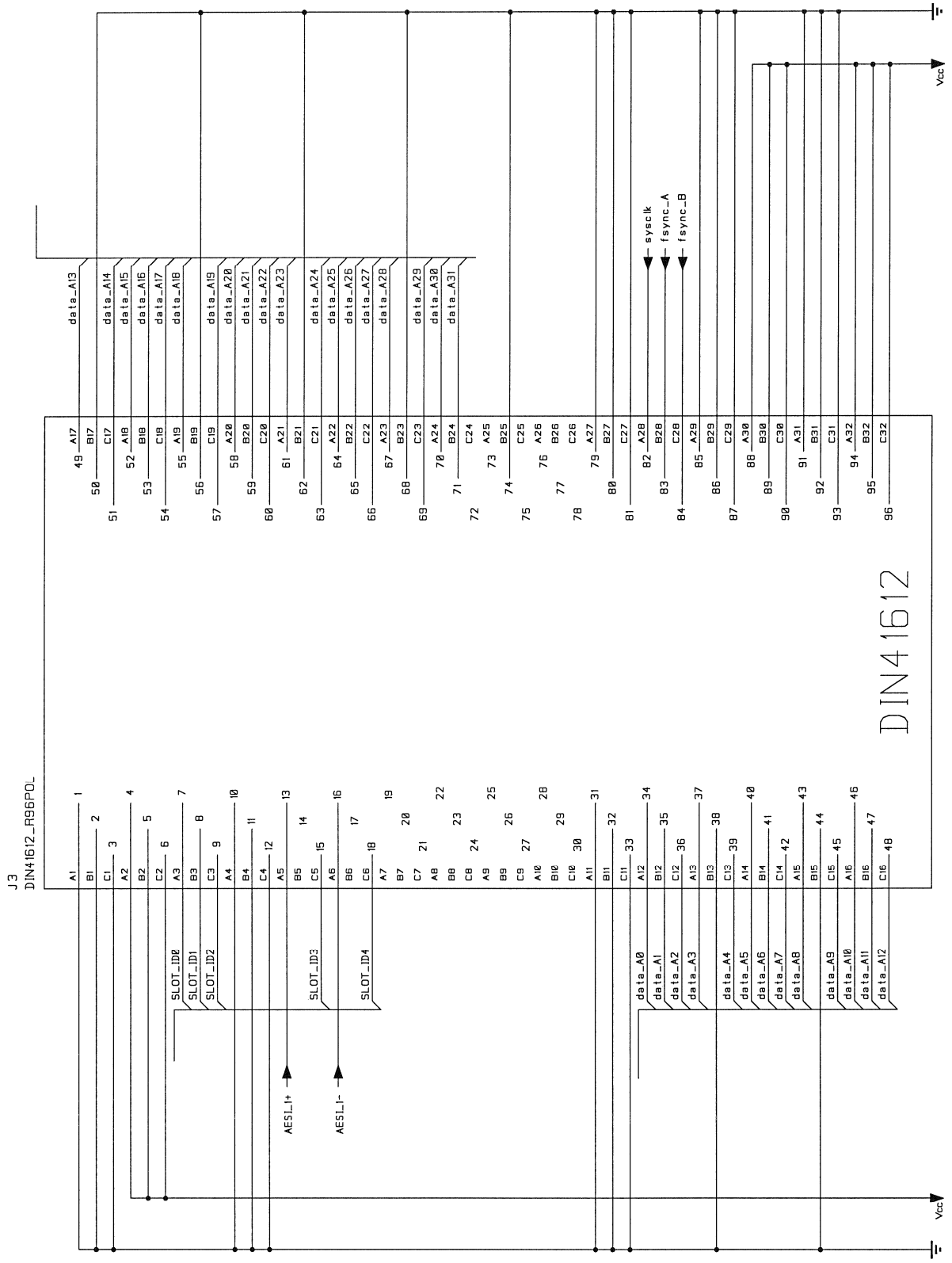
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 126	57.60.1103		10k	MF, 1%, 0204, E24
0	R 127	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 128	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 129	57.60.1103		10k	MF, 1%, 0204, E24
0	R 130	57.60.1103		10k	MF, 1%, 0204, E24
0	R 131	57.60.1103		10k	MF, 1%, 0204, E24
0	R 132	57.60.1103		10k	MF, 1%, 0204, E24
0	R 133	57.60.1103		10k	MF, 1%, 0204, E24
0	R 134	57.60.1103		10k	MF, 1%, 0204, E24
0	R 135	57.60.1103		10k	MF, 1%, 0204, E24
0	R 136	57.60.1103		10k	MF, 1%, 0204, E24
0	R 137	57.60.1103		10k	MF, 1%, 0204, E24
0	R 138	57.60.1103		10k	MF, 1%, 0204, E24
0	R 139	57.60.1103		10k	MF, 1%, 0204, E24
0	R 140	57.60.1100		10R	MF, 1%, 0204, E24
0	R 141	57.60.1181		180R	MF, 1%, 0204, E24
0	R 142	57.60.1680		68R	MF, 1%, 0204, E24
0	R 143	57.60.1181		180R	MF, 1%, 0204, E24
0	R 144	57.60.1680		68R	MF, 1%, 0204, E24
0	R 145	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 146	57.60.1105		1M	MF, 1%, 0204, E24
0	R 147	not used		10k	MF, 1%, 0204, E24
0	R 148	not used		10k	MF, 1%, 0204, E24
0	R 149	not used		10k	MF, 1%, 0204, E24
0	R 150	not used		10k	MF, 1%, 0204, E24
0	R 151	not used		10k	MF, 1%, 0204, E24
0	R 152	not used		10k	MF, 1%, 0204, E24
0	R 153	not used		27R	MF, 1%, 0204, E24
0	R 154	not used		27R	MF, 1%, 0204, E24
0	R 155	not used		10k	MF, 1%, 0204, E24
0	R 156	not used		10k	MF, 1%, 0204, E24
0	R 157	not used		22R	MF, 1%, 0204, E24
0	R 158	not used		27R	MF, 1%, 0204, E24
0	R 159	not used		22R	MF, 1%, 0204, E24
0	R 160	57.60.1270		27R	MF, 1%, 0204, E24
0	R 161	57.60.1270		27R	MF, 1%, 0204, E24
0	R 162	57.60.1270		27R	MF, 1%, 0204, E24
0	R 163	57.60.1270		27R	MF, 1%, 0204, E24
0	R 164	57.60.1270		27R	MF, 1%, 0204, E24
0	R 165	57.60.1103		10k	MF, 1%, 0204, E24
0	R 166	57.60.1103		10k	MF, 1%, 0204, E24
0	R 167	57.60.1103		10k	MF, 1%, 0204, E24
0	R 168	not used		10k	MF, 1%, 0204, E24
0	R 169	not used		10k	MF, 1%, 0204, E24
0	R 170	not used		22R	MF, 1%, 0204, E24
0	R 171	not used		27R	MF, 1%, 0204, E24
0	R 172	not used		22R	MF, 1%, 0204, E24
0	R 173	not used		10k	MF, 1%, 0204, E24
0	R 174	not used		10k	MF, 1%, 0204, E24
0	R 175	not used		10k	MF, 1%, 0204, E24
0	R 176	not used		10k	MF, 1%, 0204, E24
0	R 177	not used		27R	MF, 1%, 0204, E24
0	R 178	not used		10k	MF, 1%, 0204, E24
0	R 179	not used		10k	MF, 1%, 0204, E24
0	R 180	not used		22R	MF, 1%, 0204, E24
0	R 181	not used		27R	MF, 1%, 0204, E24
0	R 182	57.60.1270		27R	MF, 1%, 0204, E24
0	R 183	57.60.1270		27R	MF, 1%, 0204, E24
0	R 184	57.60.1270		27R	MF, 1%, 0204, E24
0	R 185	57.60.1270		27R	MF, 1%, 0204, E24
0	R 186	57.60.1270		27R	MF, 1%, 0204, E24
0	R 187	not used		22R	MF, 1%, 0204, E24
0	R 188	not used		27R	MF, 1%, 0204, E24
0	R 189	not used		22R	MF, 1%, 0204, E24
0	R 190	not used		22R	MF, 1%, 0204, E24
0	R 191	57.60.1270		27R	MF, 1%, 0204, E24
0	R 192	57.60.1270		27R	MF, 1%, 0204, E24
0	R 193	57.60.1270		27R	MF, 1%, 0204, E24
0	R 194	57.60.1270		27R	MF, 1%, 0204, E24
0	R 195	57.60.1104		100k	MF, 1%, 0204, E24
0	R 196	57.60.1104		100k	MF, 1%, 0204, E24
0	R 197	57.60.1104		100k	MF, 1%, 0204, E24
0	R 198	57.60.1104		100k	MF, 1%, 0204, E24
0	R 199	57.60.1104		100k	MF, 1%, 0204, E24
0	R 200	57.60.1104		100k	MF, 1%, 0204, E24
0	R 201	57.60.1104		100k	MF, 1%, 0204, E24
0	R 202	57.60.1104		100k	MF, 1%, 0204, E24
0	R 203	57.60.1561		560R	MF, 1%, 0204, E24
0	R 204	57.60.1561		560R	MF, 1%, 0204, E24
0	R 205	57.60.1561		560R	MF, 1%, 0204, E24
0	R 206	57.60.1561		560R	MF, 1%, 0204, E24
0	R 207	57.60.1561		560R	MF, 1%, 0204, E24
0	R 208	57.60.1561		560R	MF, 1%, 0204, E24
0	R 209	57.60.1561		560R	MF, 1%, 0204, E24
0	R 210	57.60.1561		560R	MF, 1%, 0204, E24
0	R 211	57.60.1561		560R	MF, 1%, 0204, E24
0	R 212	57.60.1561		560R	MF, 1%, 0204, E24
0	R 213	57.60.1561		560R	MF, 1%, 0204, E24
0	R 214	57.60.1561		560R	MF, 1%, 0204, E24
0	R 215	57.60.1561		560R	MF, 1%, 0204, E24
0	R 216	57.60.1561		560R	MF, 1%, 0204, E24
0	R 217	57.60.1561		560R	MF, 1%, 0204, E24
0	R 218	57.60.1561		560R	MF, 1%, 0204, E24
0	R 219	57.60.1561		560R	MF, 1%, 0204, E24
0	R 220	57.60.1561		560R	MF, 1%, 0204, E24
0	R 221	57.60.1561		560R	MF, 1%, 0204, E24
0	R 222	57.60.1561		560R	MF, 1%, 0204, E24
0	R 223	57.60.1561		560R	MF, 1%, 0204, E24
0	R 224	57.60.1561		560R	MF, 1%, 0204, E24
0	R 225	57.60.1561		560R	MF, 1%, 0204, E24
0	R 226	57.60.1561		560R	MF, 1%, 0204, E24
0	R 227	57.60.1561		560R	MF, 1%, 0204, E24
0	R 228	57.60.1561		560R	MF, 1%, 0204, E24
0	R 229	57.60.1561		560R	MF, 1%, 0204, E24
0	R 230	57.60.1561		560R	MF, 1%, 0204, E24
0	R 231	57.60.1561		560R	MF, 1%, 0204, E24
0	R 232	57.60.1561		560R	MF, 1%, 0204, E24
0	R 233	57.60.1561		560R	MF, 1%, 0204, E24
0	R 234	57.60.1561		560R	MF, 1%, 0204, E24
0	S 1	55.12.1121			Code-Switch
0	S 2	55.12.1121			Code-Switch
0	S 3	55.15.0138		1*A	S 1 TASTE, 1*A,IMPULS,1.0 N
0	T 1	not used		1:1	DI/DO TRANSFORMER
0	T 2	not used		1:1	DI/DO TRANSFORMER
0	T 3	not used		1:1	DI/DO TRANSFORMER
0	T 4	not used		1:1	DI/DO TRANSFORMER
0	T 5	not used		1:1	DI/DO TRANSFORMER
0	T 6	not used		1:1	DI/DO TRANSFORMER
0	T 7	not used		1:1	DI/DO TRANSFORMER
0	T 8	not used		1:1	DI/DO TRANSFORMER
0	T 9	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 10	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 11	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 12	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 13	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 14	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 15	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 16	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	X 1	not used		16.0MHz	XTAL Oscillator
0	X 2	89.60.2004		40.0MHz	XTAL Oscillator
0	XDL 2	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 1	1.950.920.20			SW 605/10/1 GAL A (50.63.3002)
0	XIC 2	1.950.921.20			SW 605/615 GAL B (50.63.3002)
0	XIC 3	1.950.930.26			SW605/06/10/16/21 BOOT(.1301)
0	XIC 8	53.03.0166	pce	8p	DIL 0.3", löt, gerade
0	XR 1	not used		1R	MF, 1%, 0204, E24
0	XXIC 3	53.03.2232		32p	PLCC-Socket
0	Y 1	89.01.1017		1.8432MHz	XTAL HC49U

End of List

DIAGRAMS MADI/MEMNET BOARD

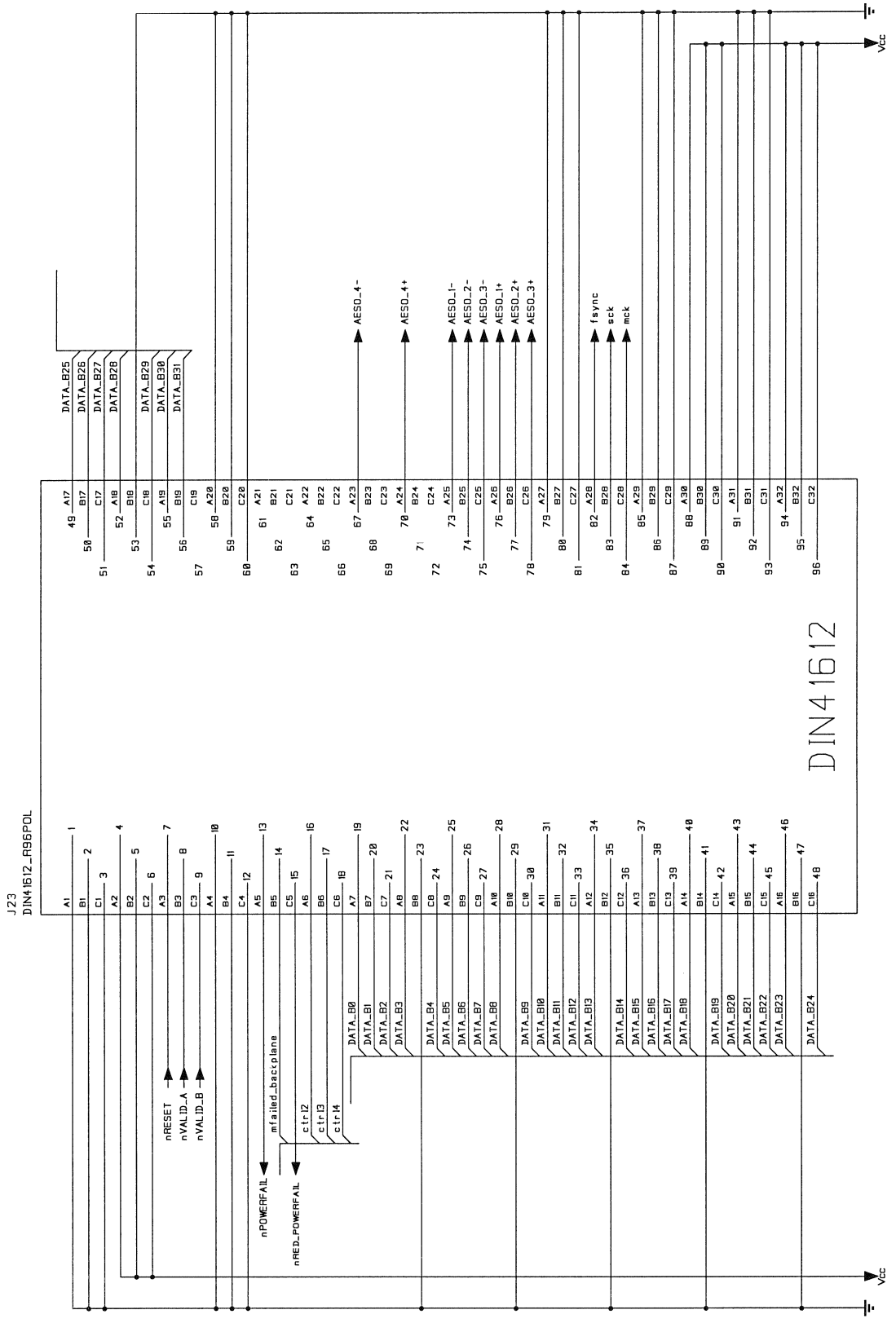
	Assembly No.	Diagram	Component Layout	Parts List
MADI Board 96k	1.950.616.20	1.950.616.20	1.950.616.20	1.950.616.20
MEMNET Board 96k	1.950.621.20		1.950.621.20	1.950.621.20

MADI Board 96k 1.950.616.20 (0)
MEMNET Board 96k 1.950.621.20 (0)



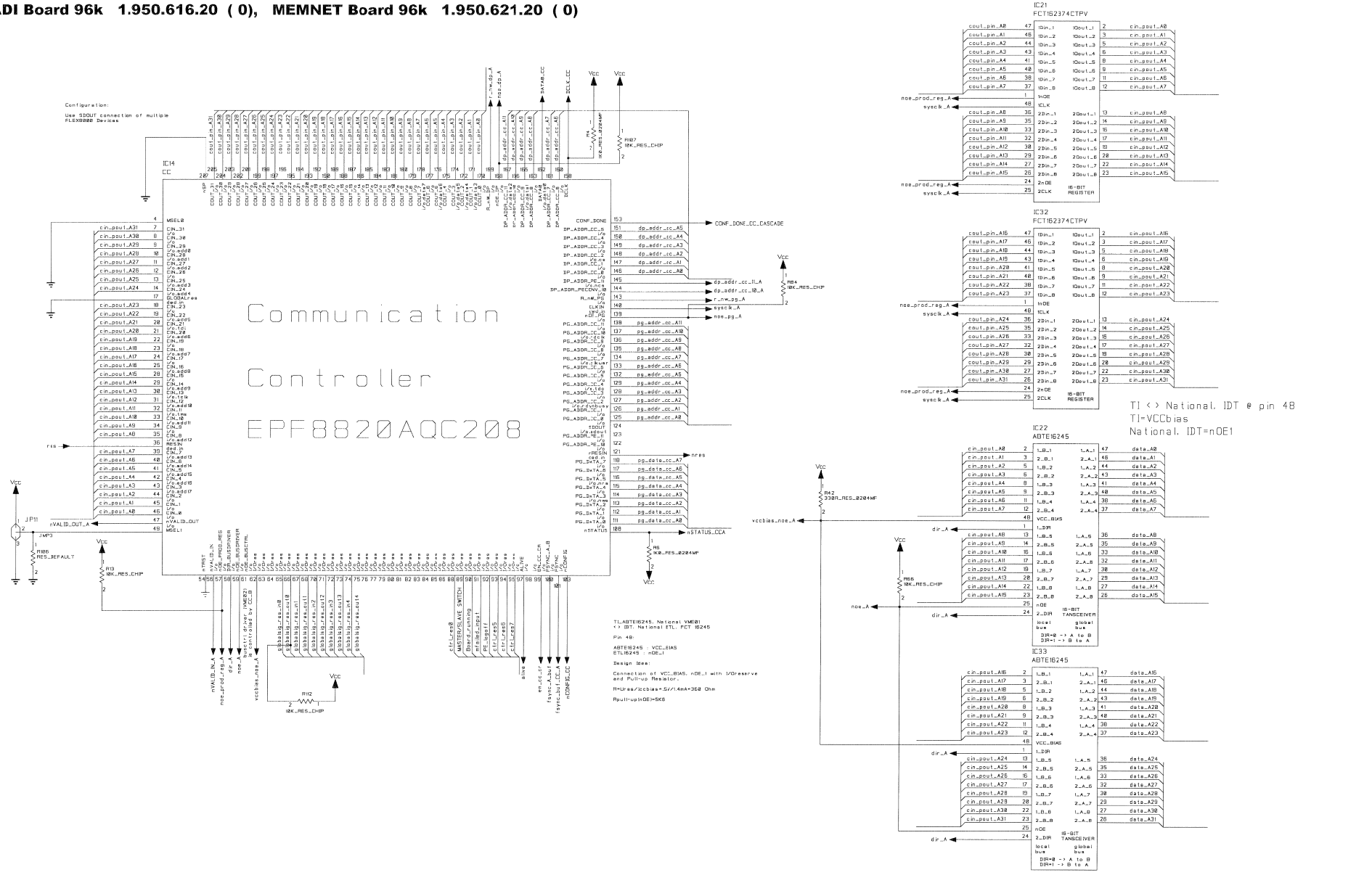
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	D950			PAGE 1 of 25
STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

MADI Board 96k 1.950.616.20 (0)
MEMNET Board 96k 1.950.621.20 (0)



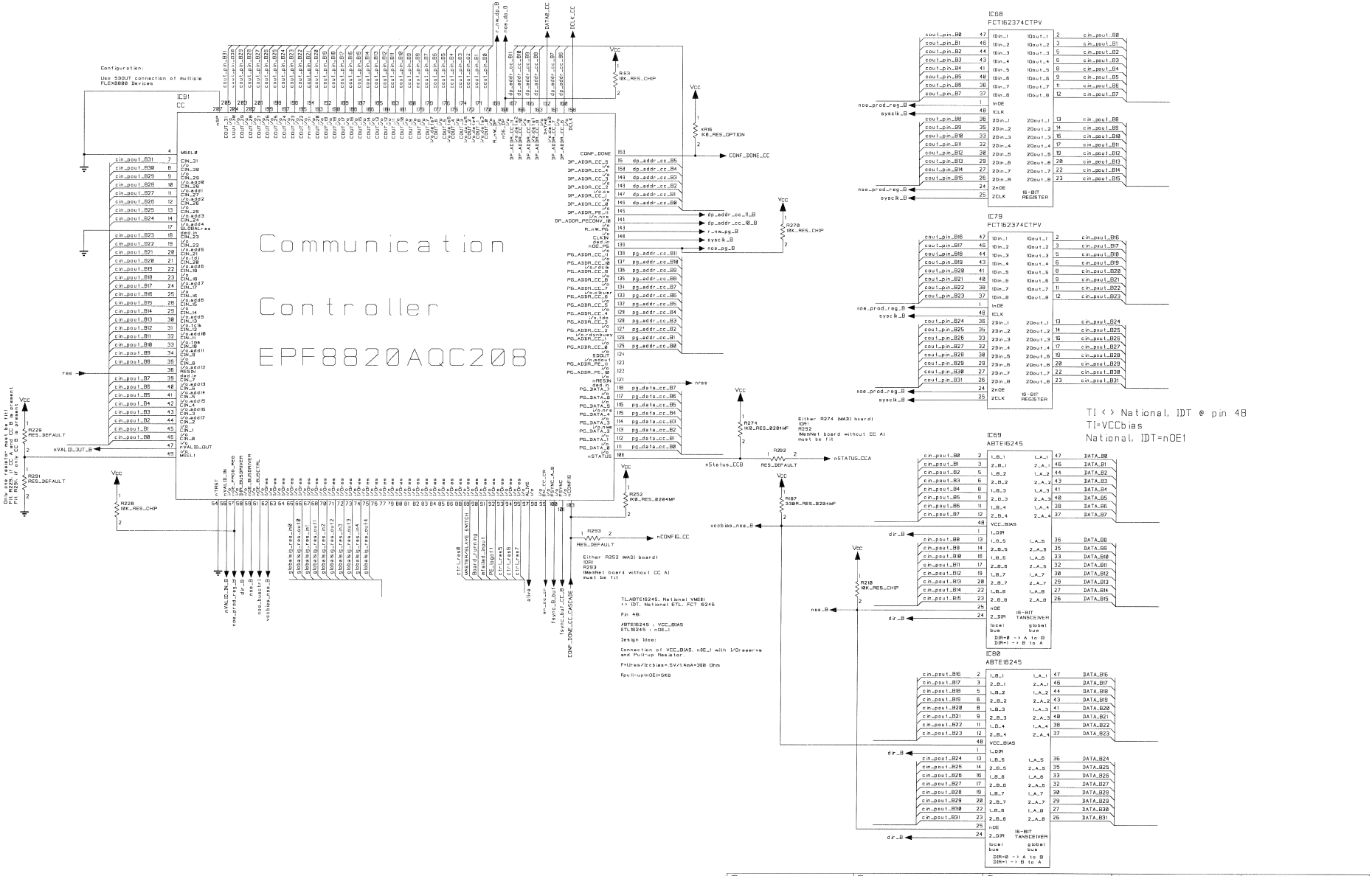
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	D950			PAGE 2 of 25
STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

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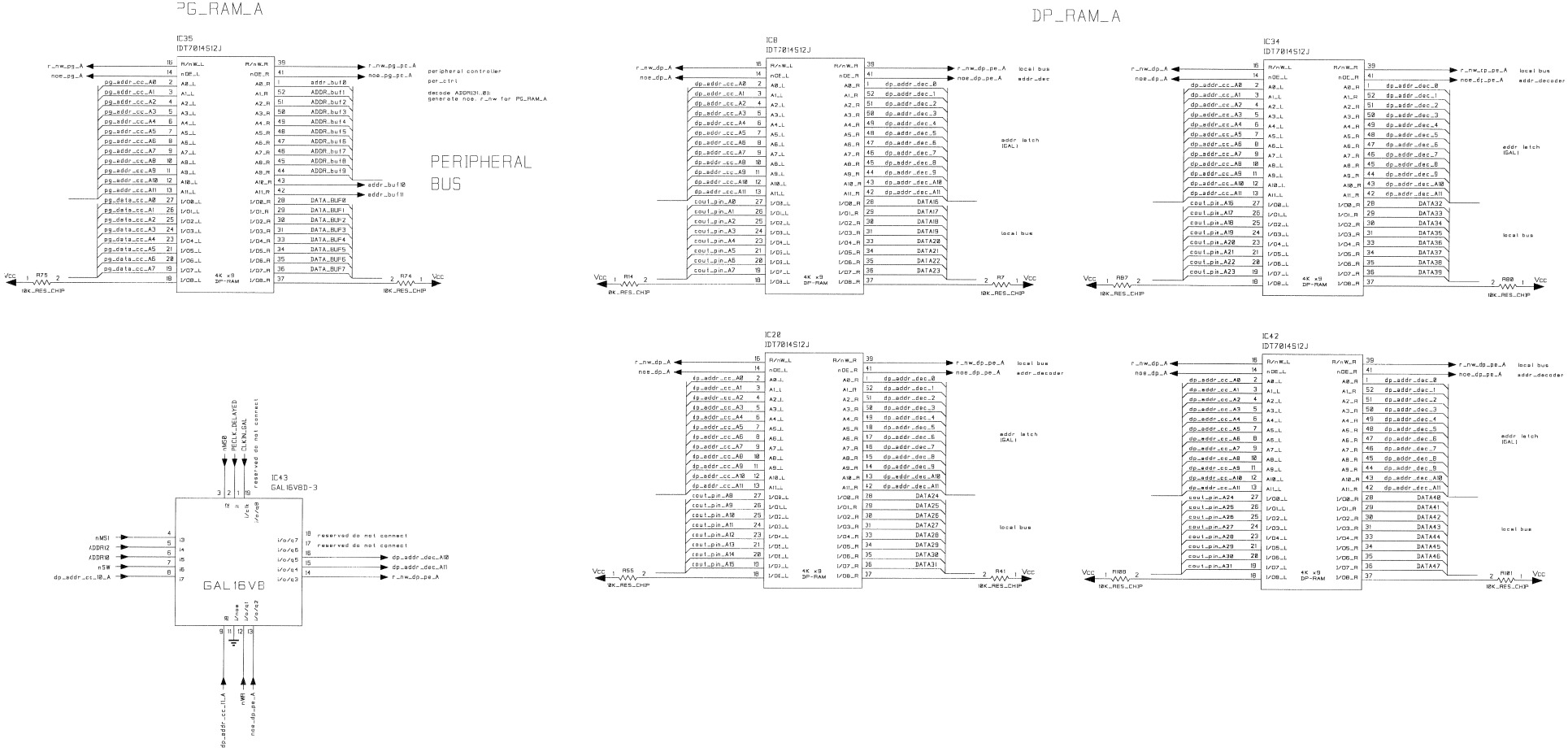


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STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

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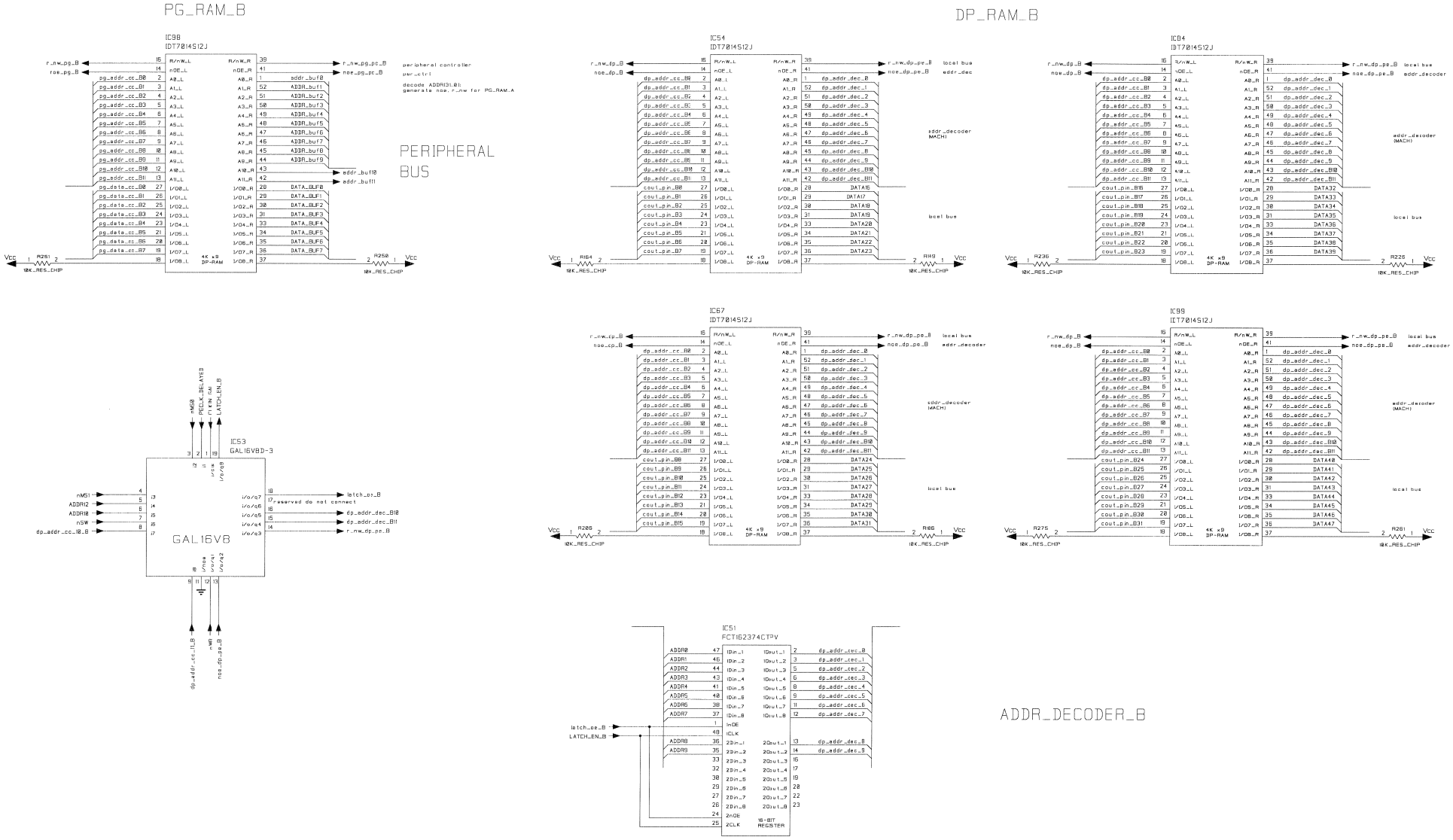


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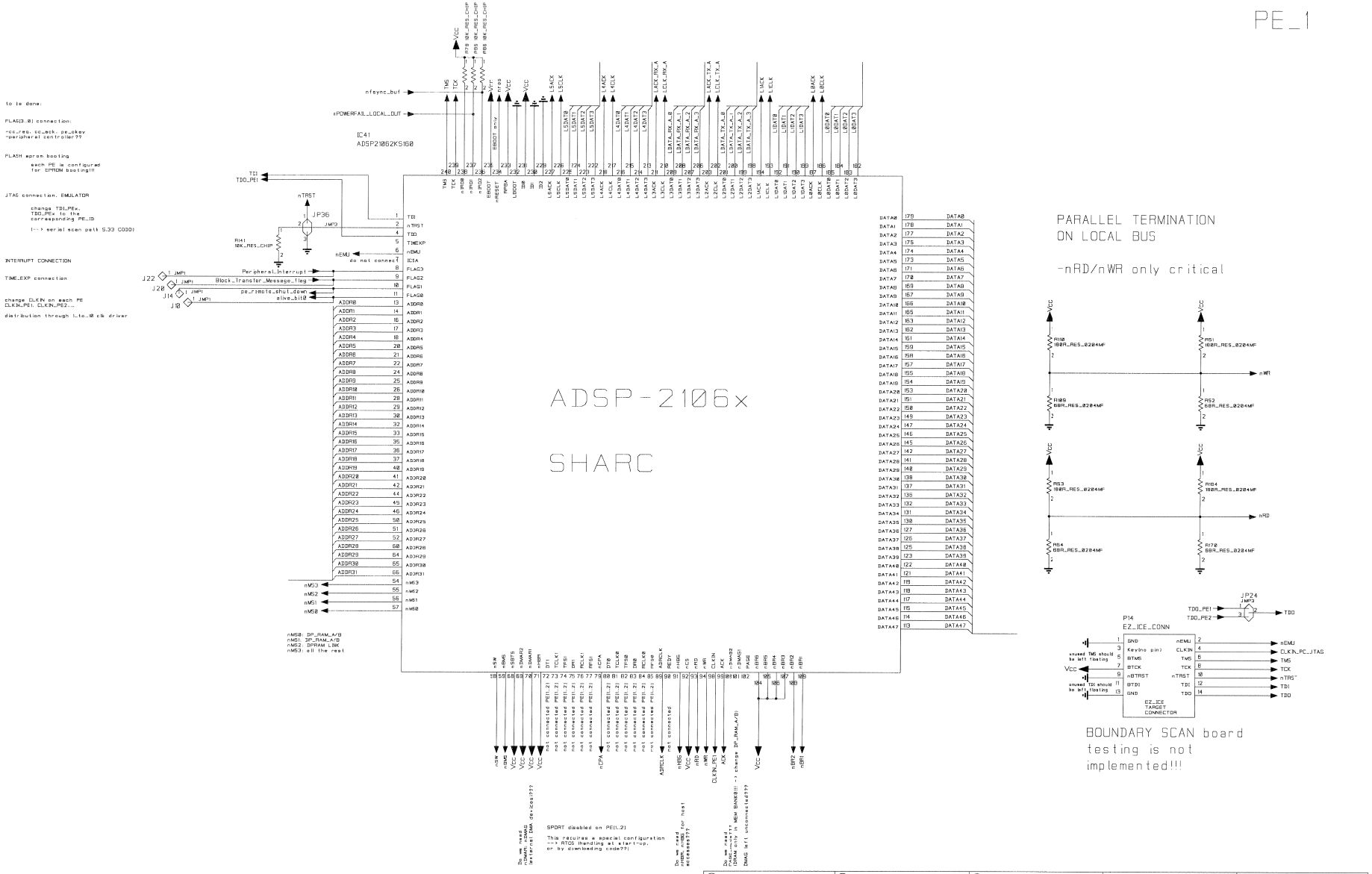


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	D950			PAGE 5 of 25
STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

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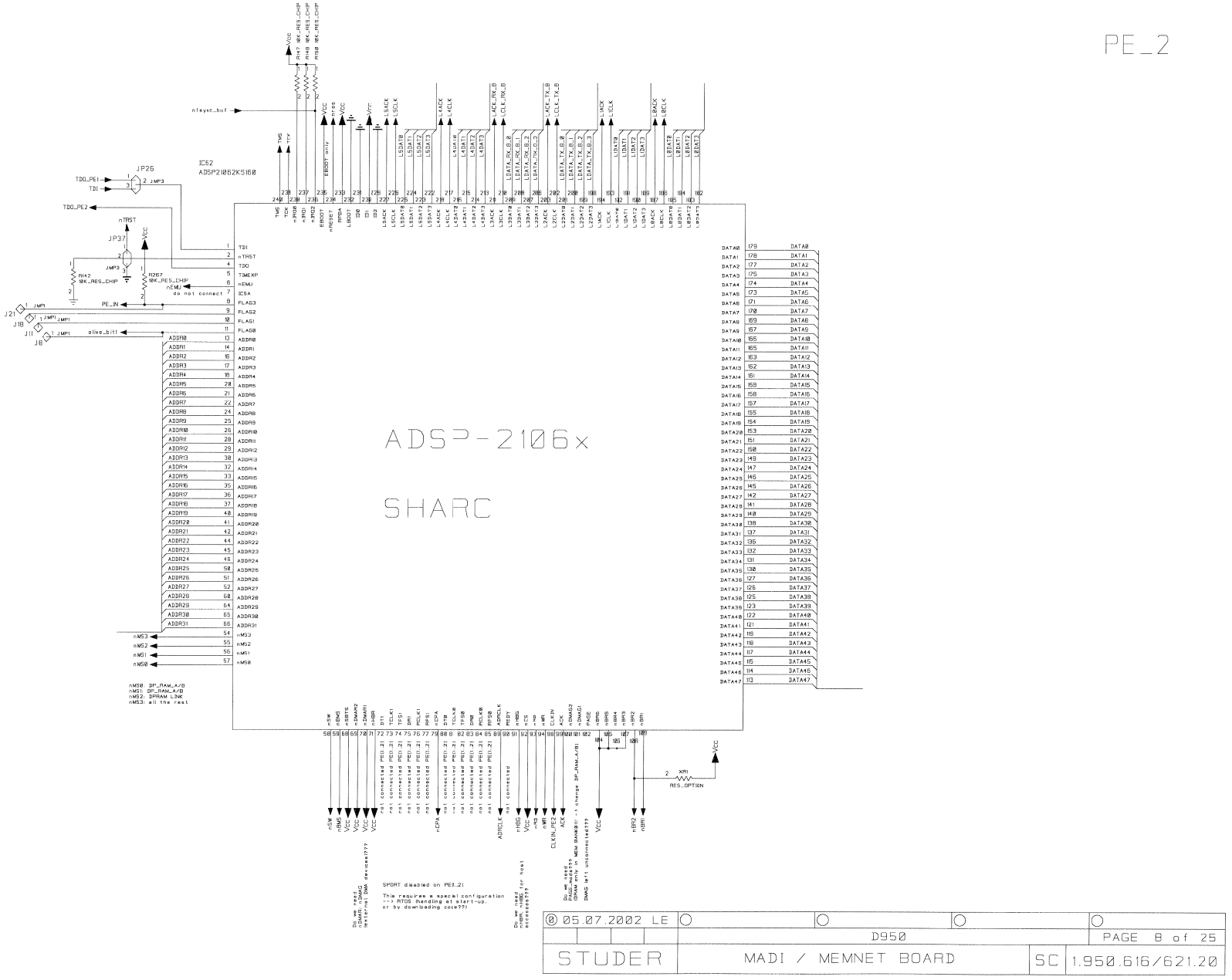


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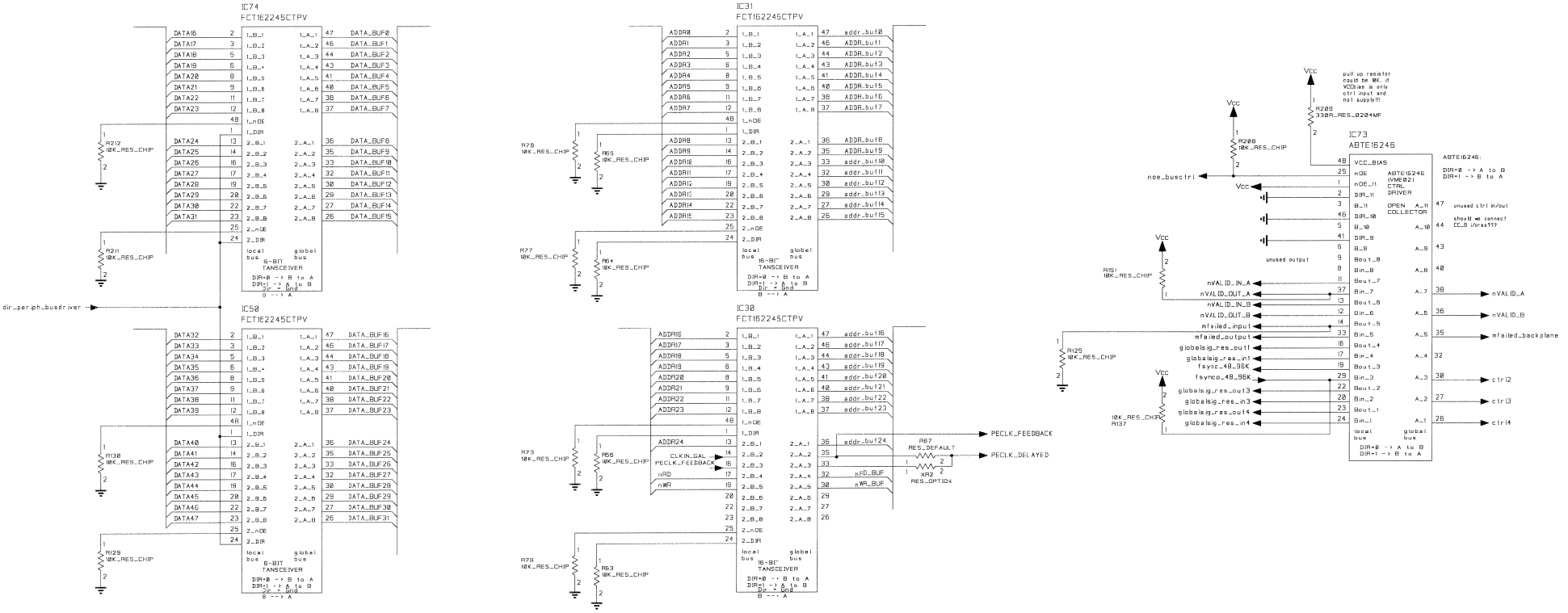
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	D950			PAGE 7 of 25
STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



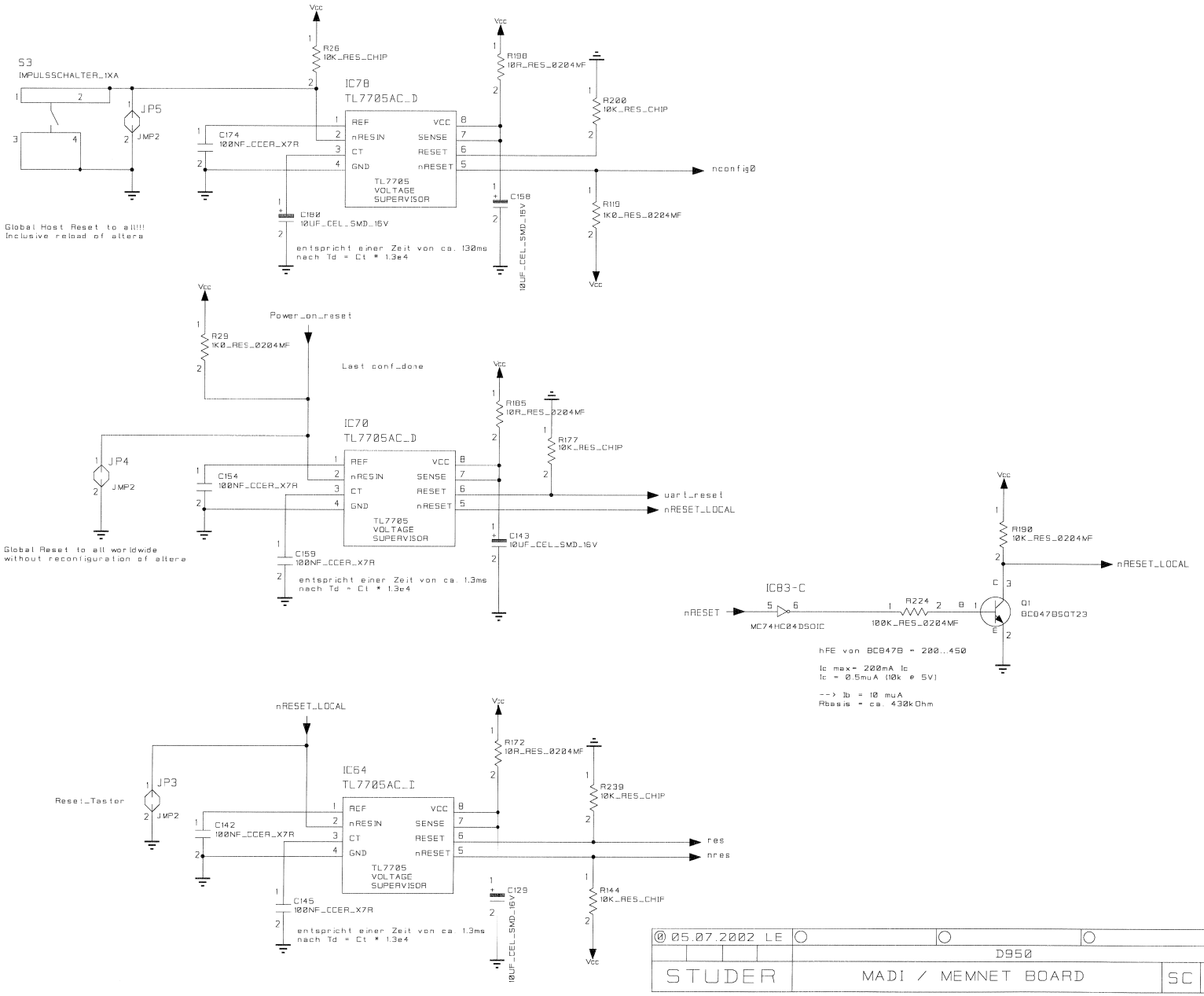
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STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)

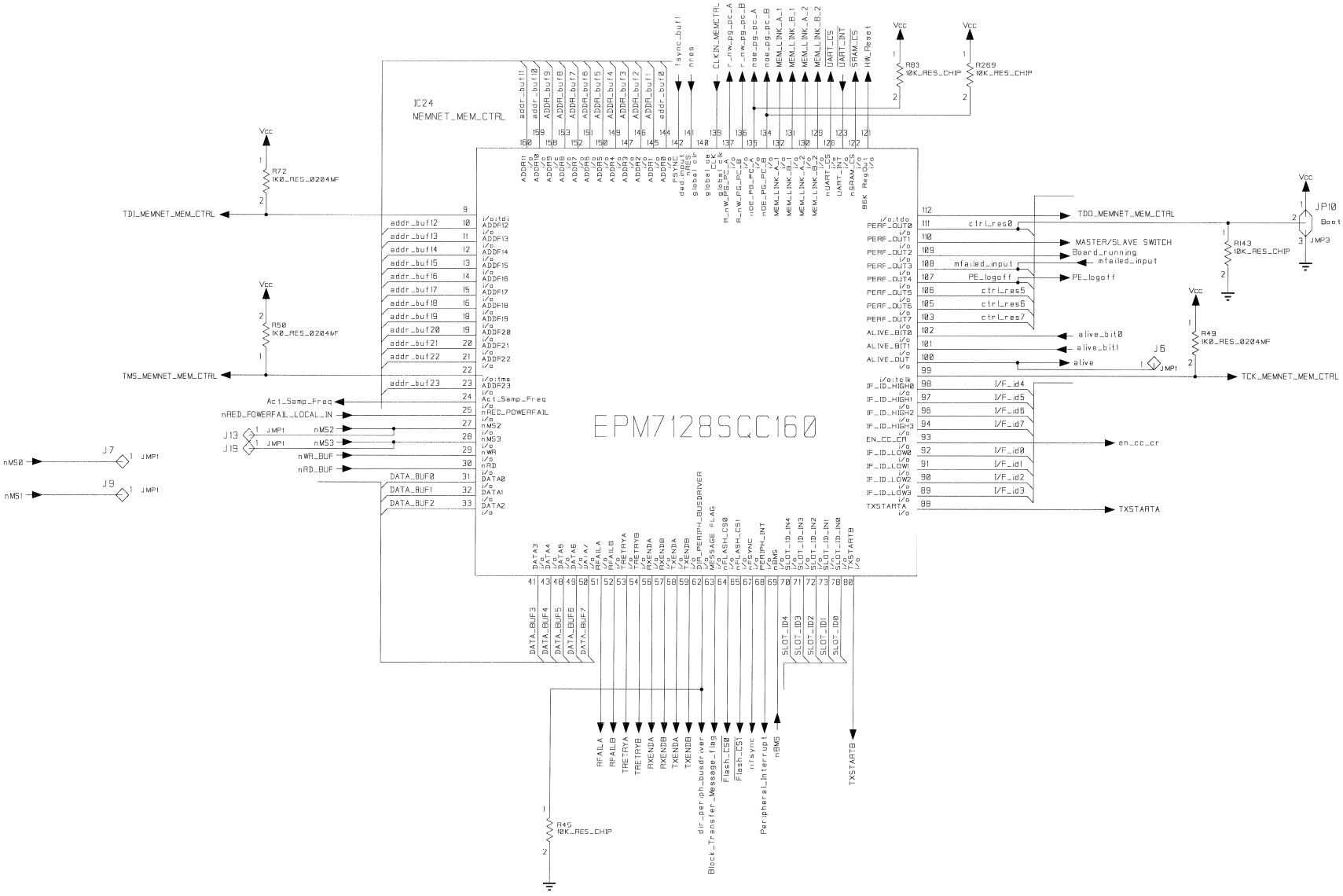


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STUDER	MADI / MEMNET BOARD	SC	1.950.616/621.20	

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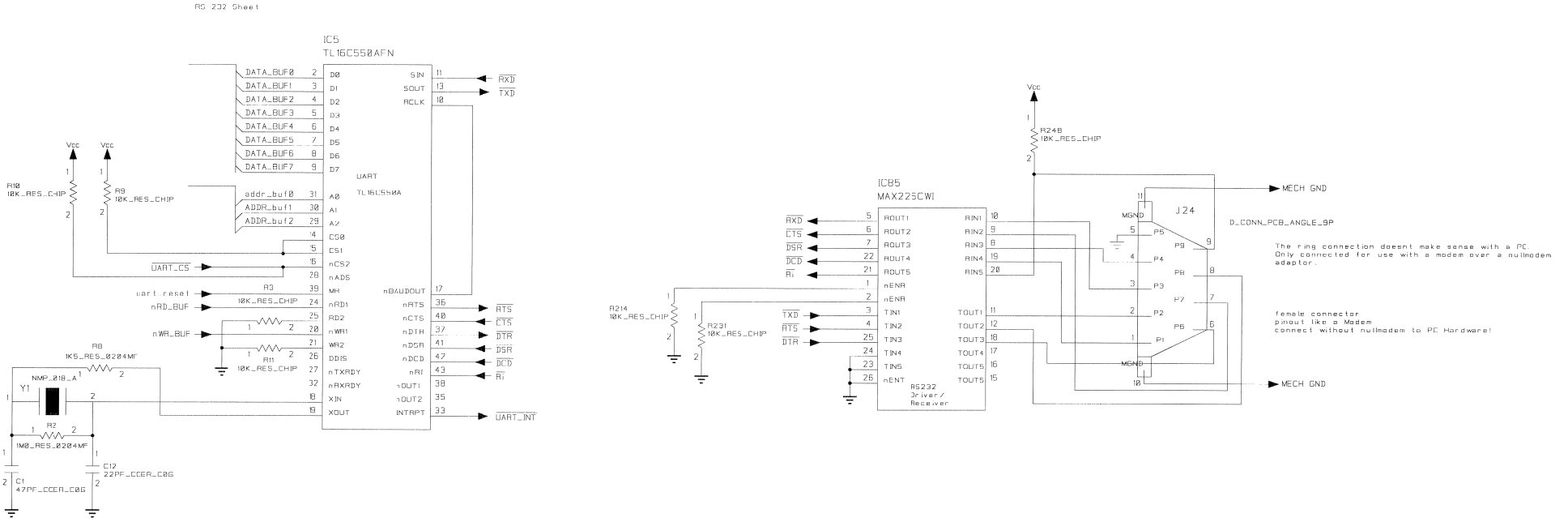


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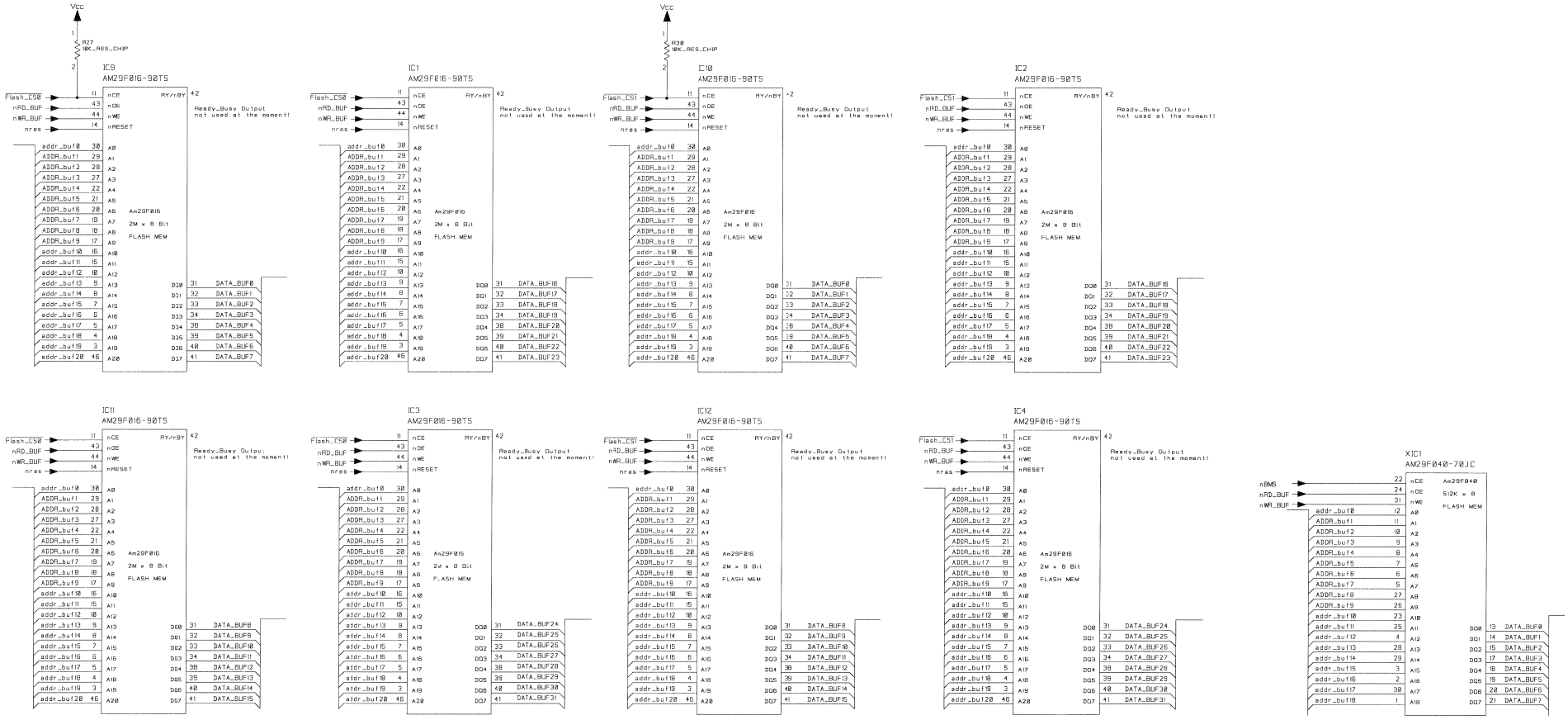
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		D950		PAGE 11 of 25
STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)

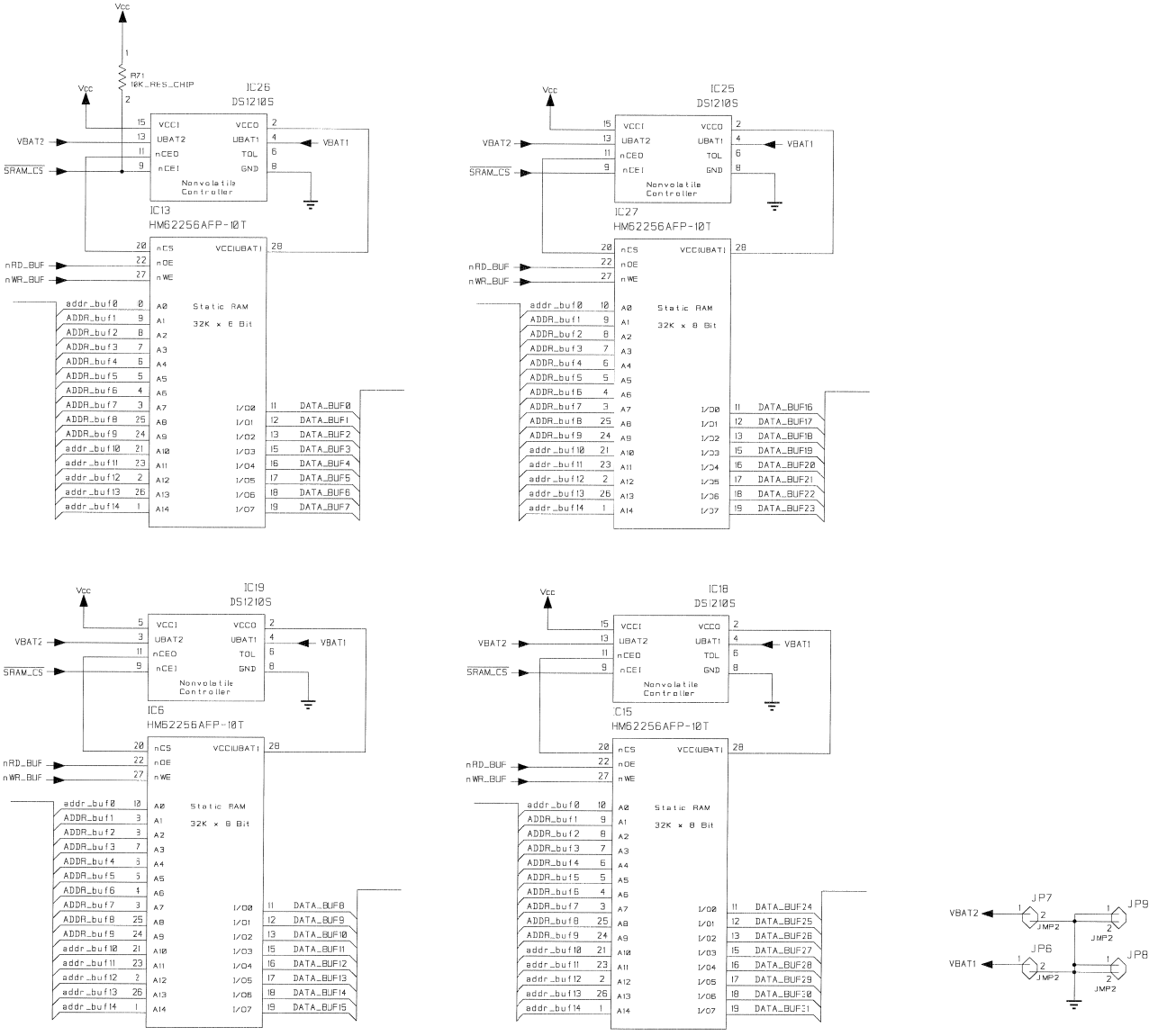


05.07.2002 LF				
	D950			PAGE 12 of 25
STUDER	MADI / MEMNET BOARD			1.950.616/621.20

MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)

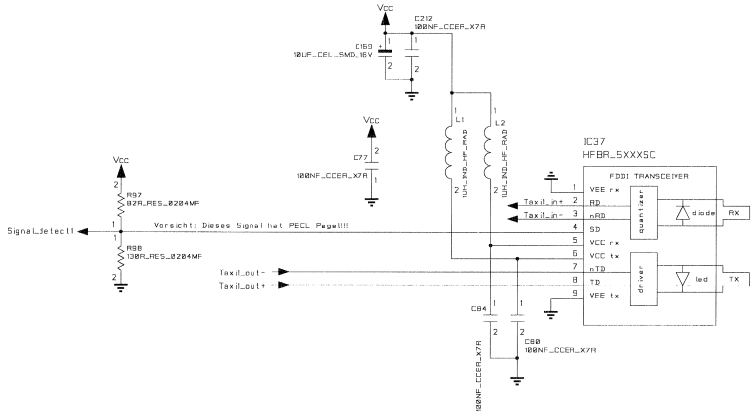


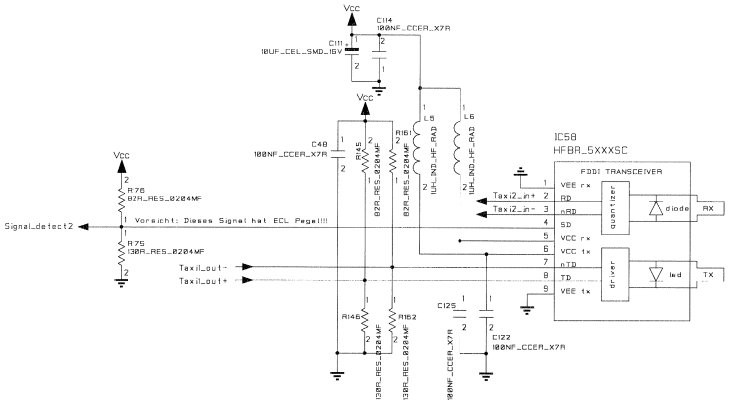
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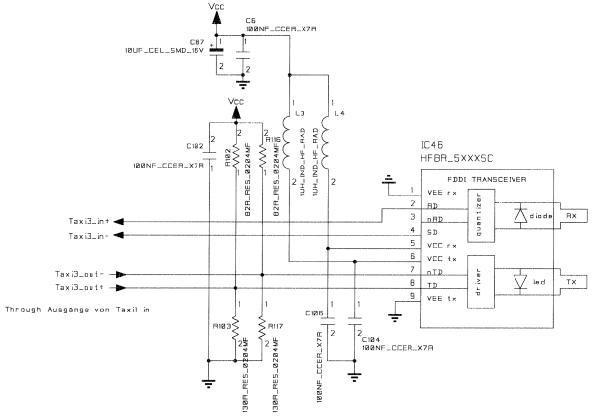


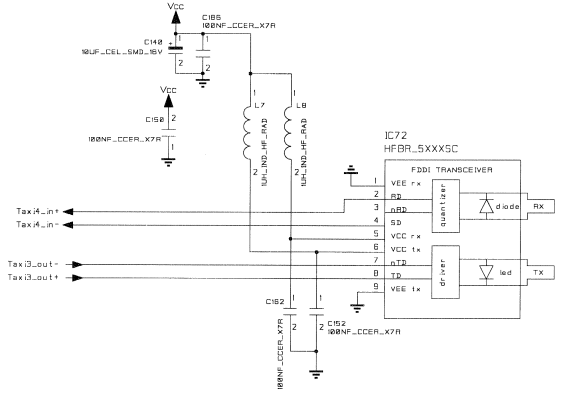
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STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

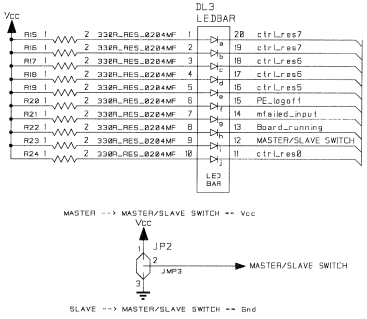
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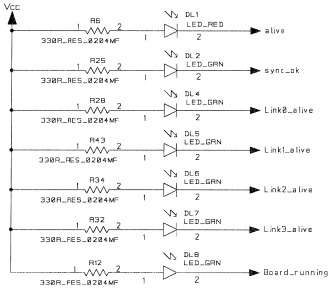


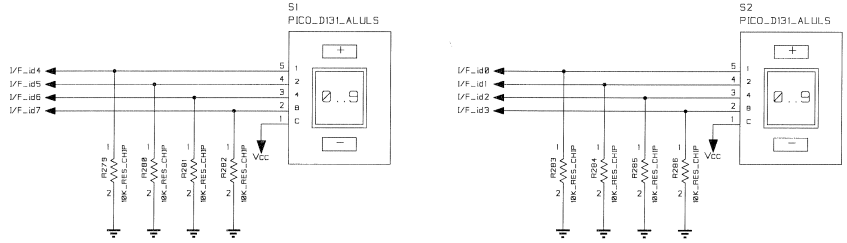






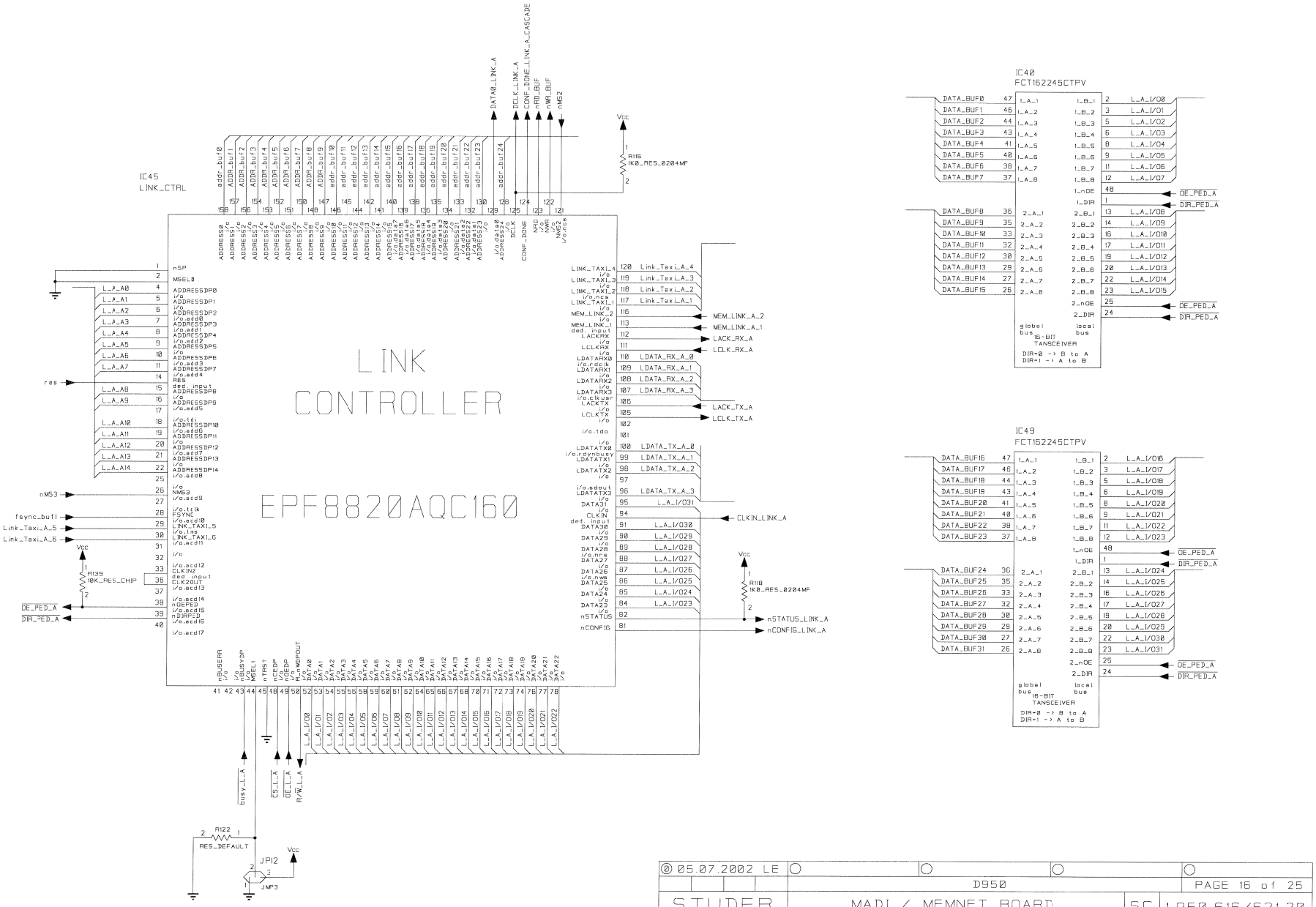






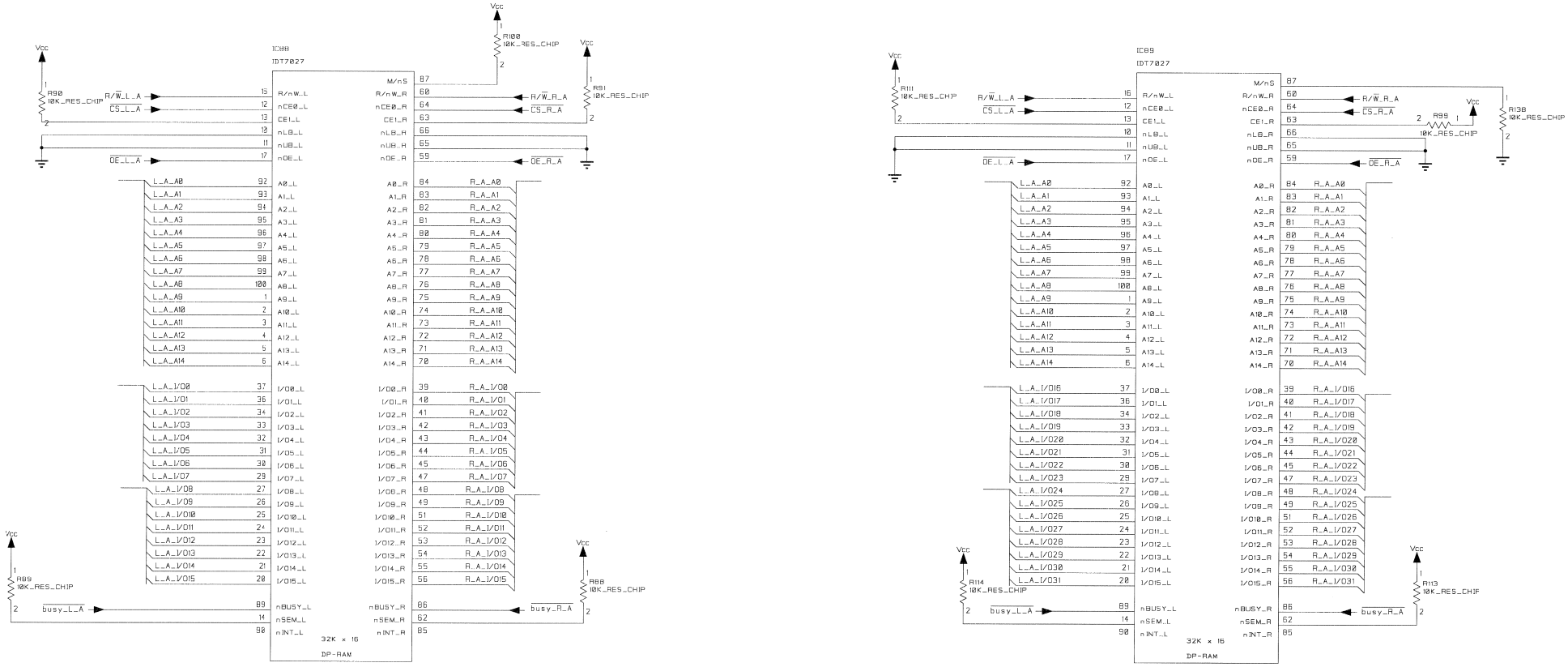
© 05.07.2002 LE				
	D950			PAGE 15 of 25
STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



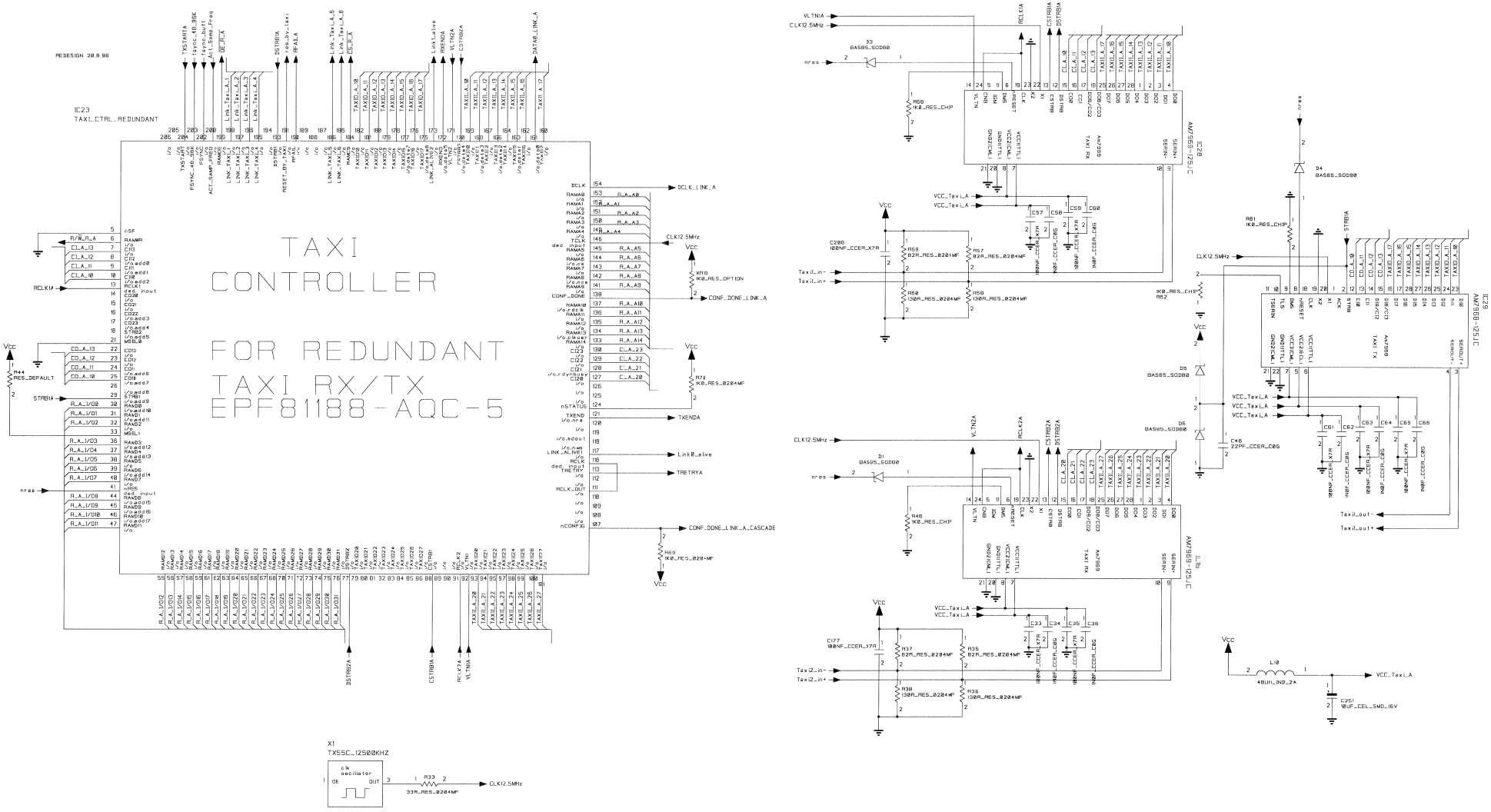
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STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



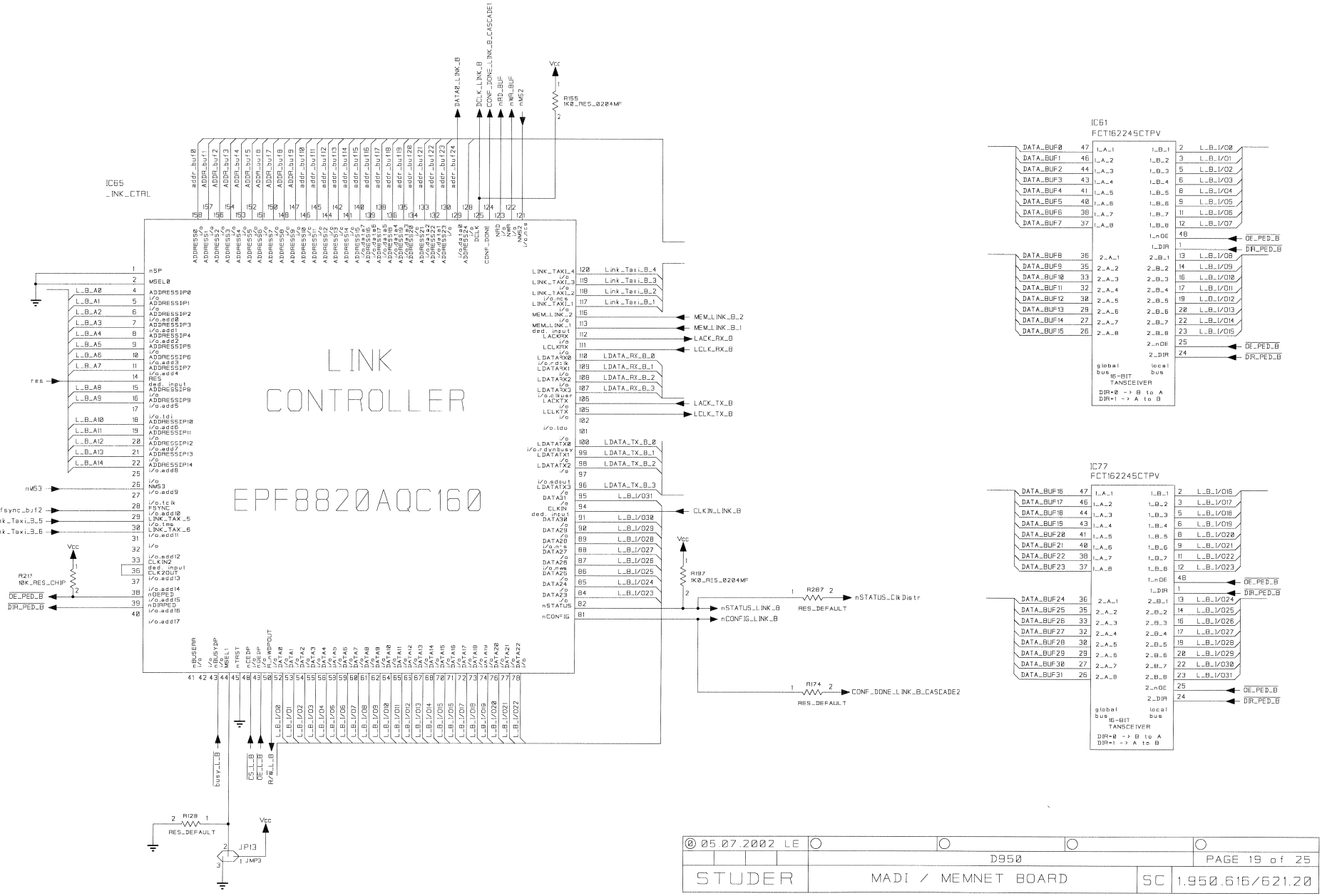
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		D950		PAGE 17 of 25
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MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



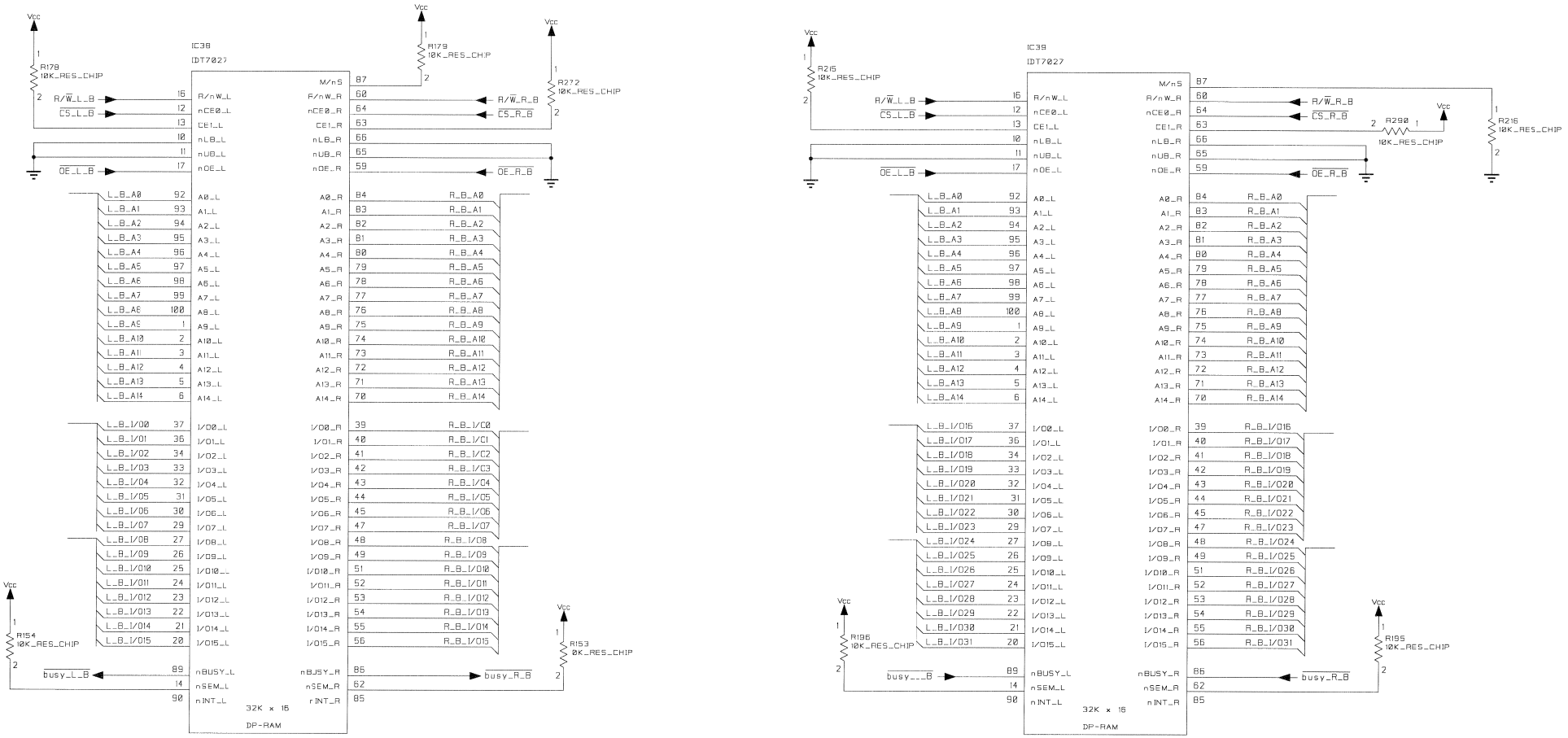
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STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



05.07.2002 LE				
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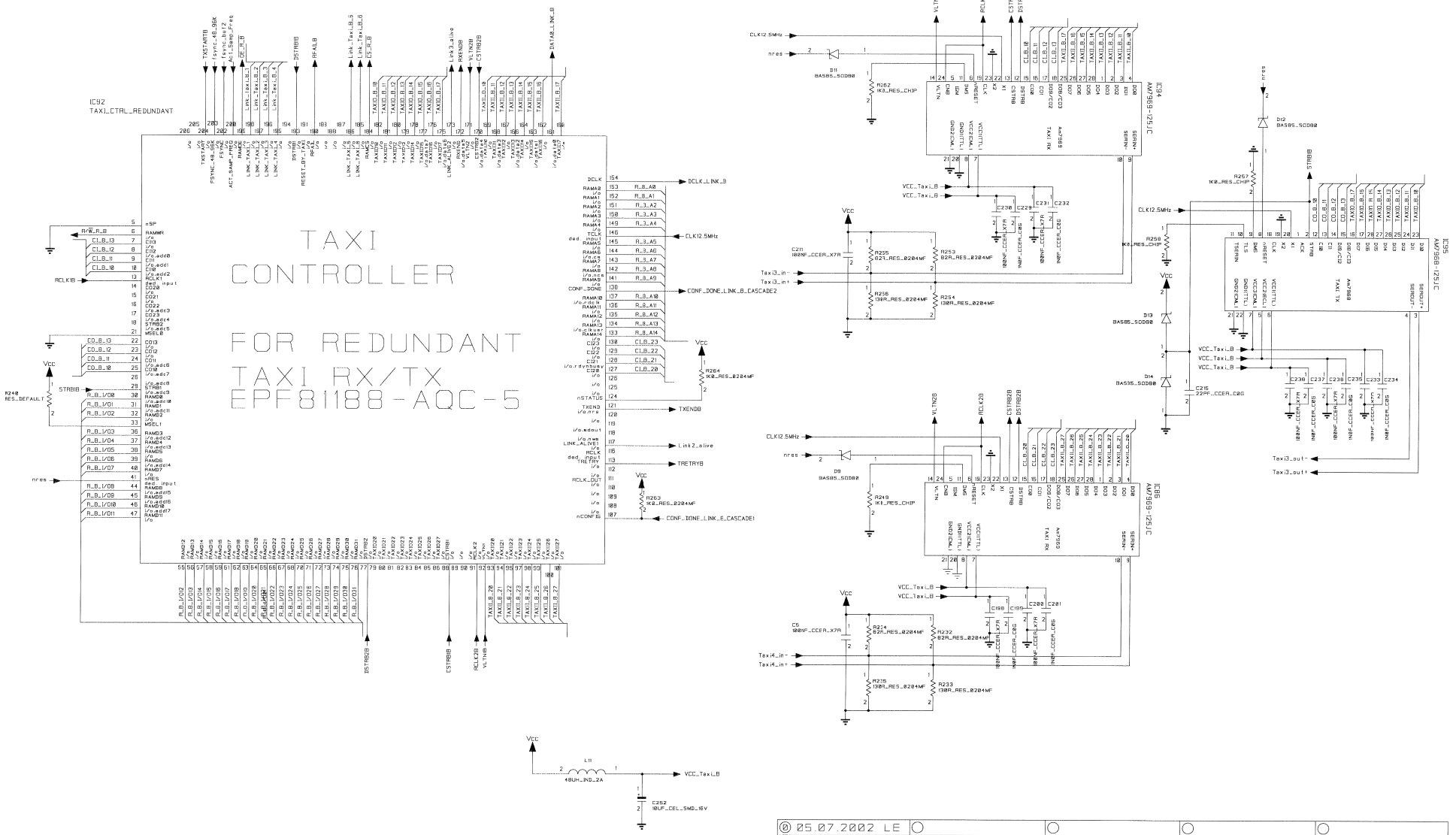
MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



DPRAM 32KB x 32

0 05.07.2002 LE				
		D950		PAGE 20 of 25
STUDER	MADI / MEMNET BOARD		SC	1.950.616/621.20

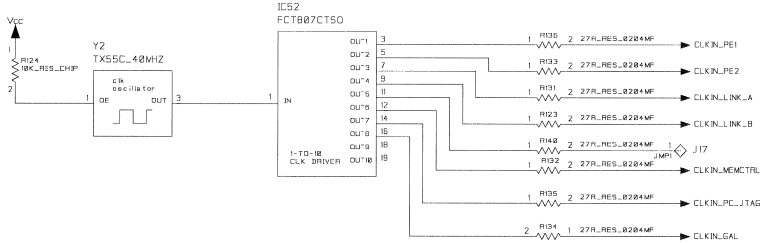
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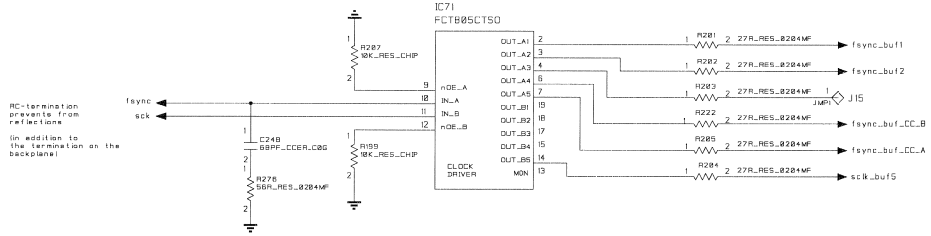
MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)

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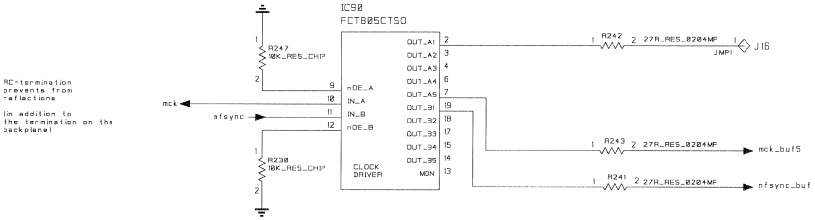


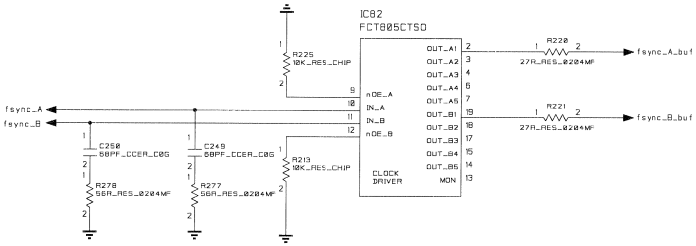
FSYNC

SCLK

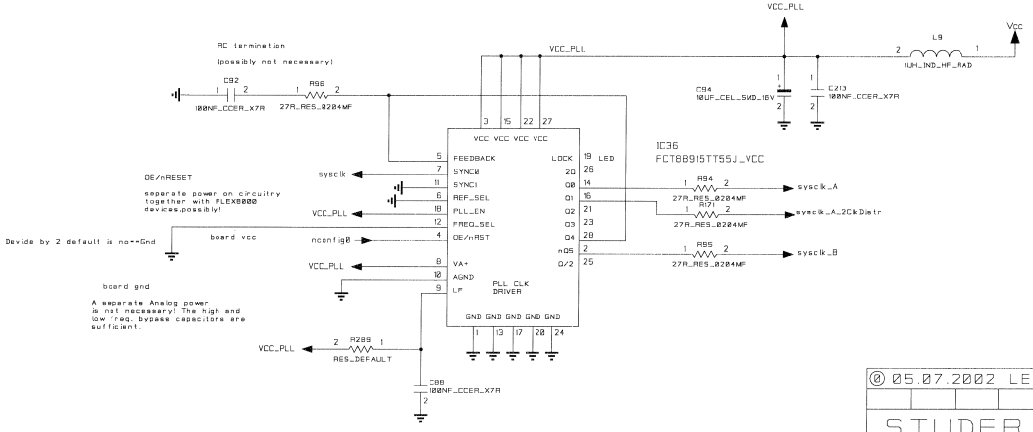


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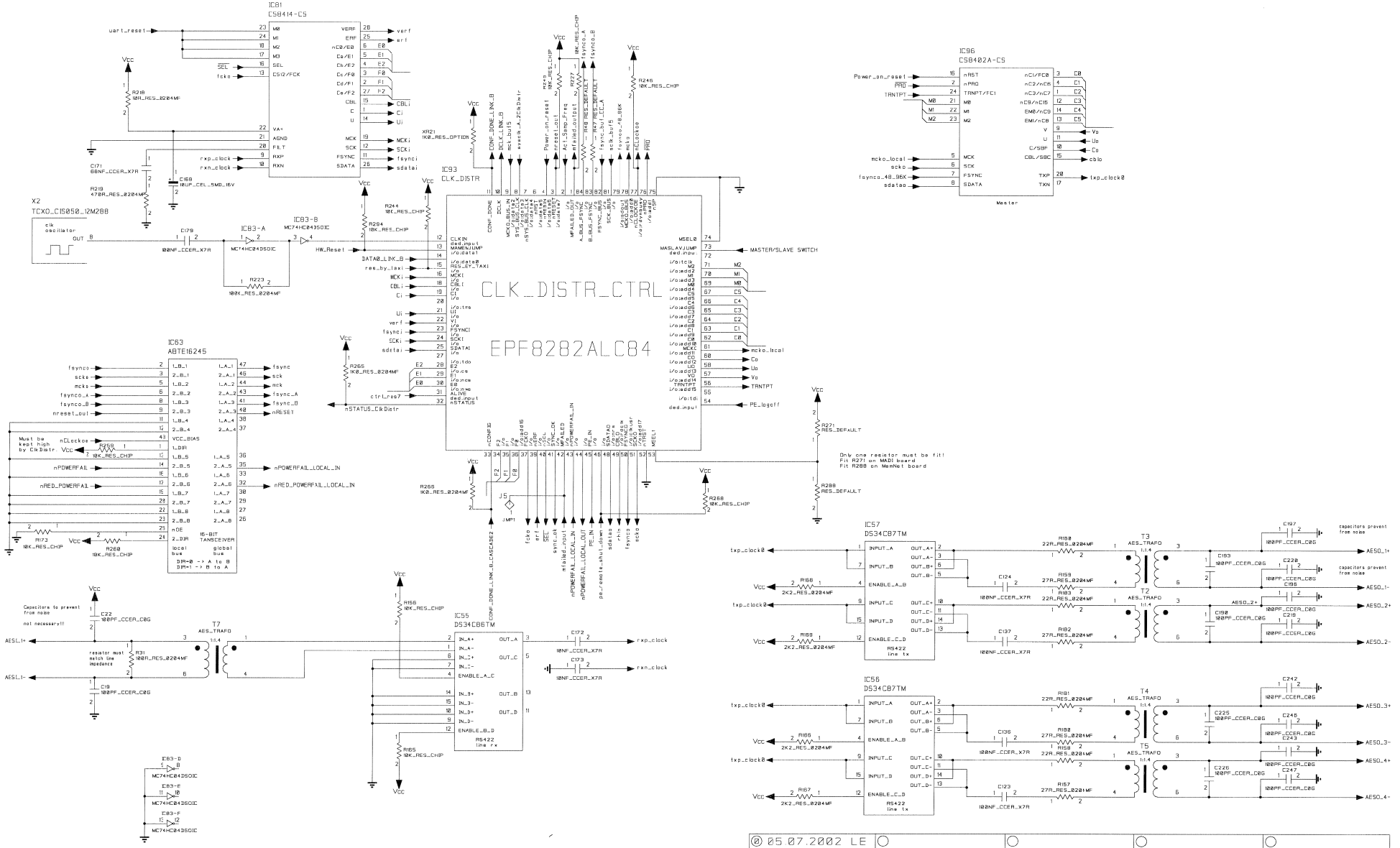




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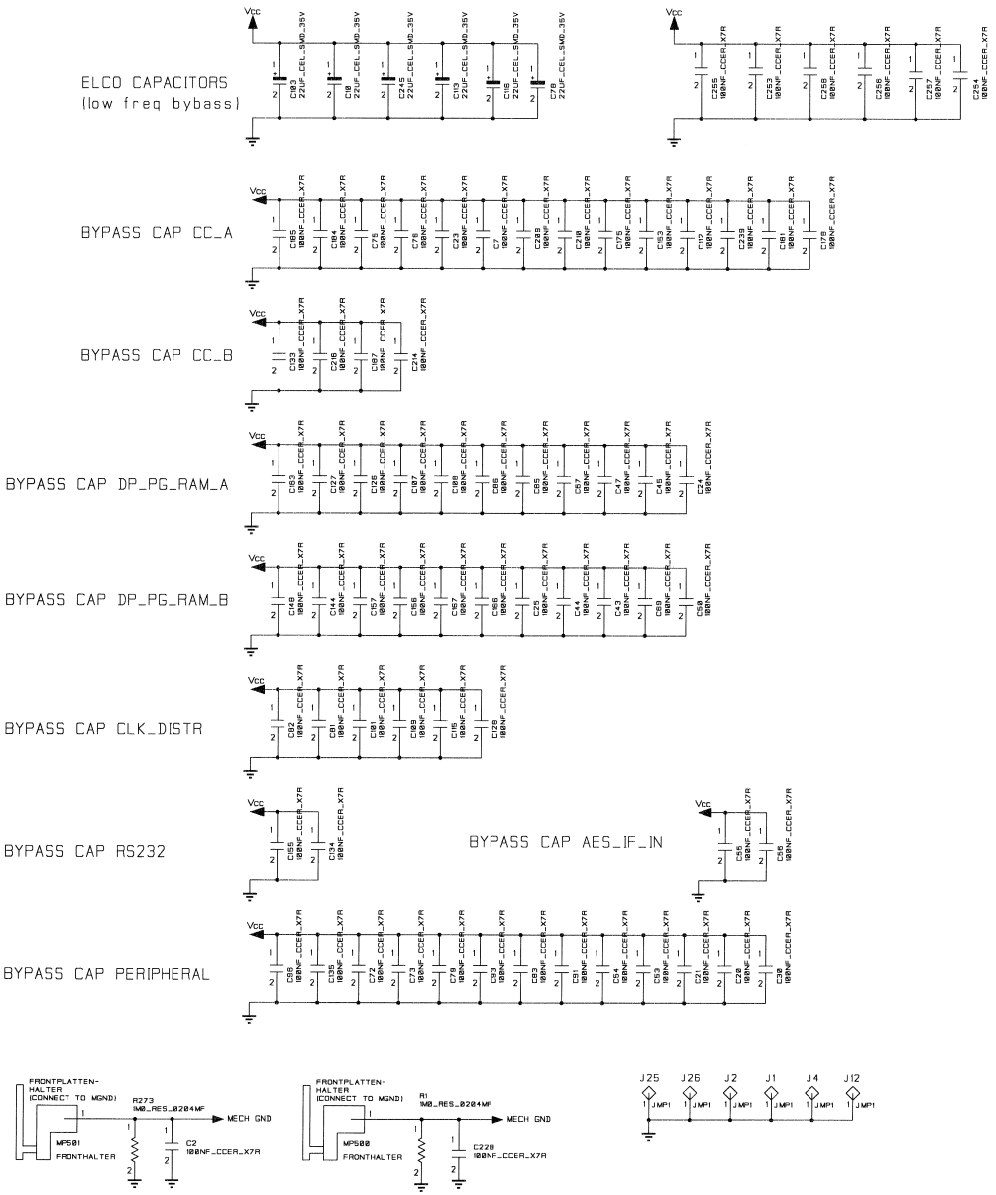


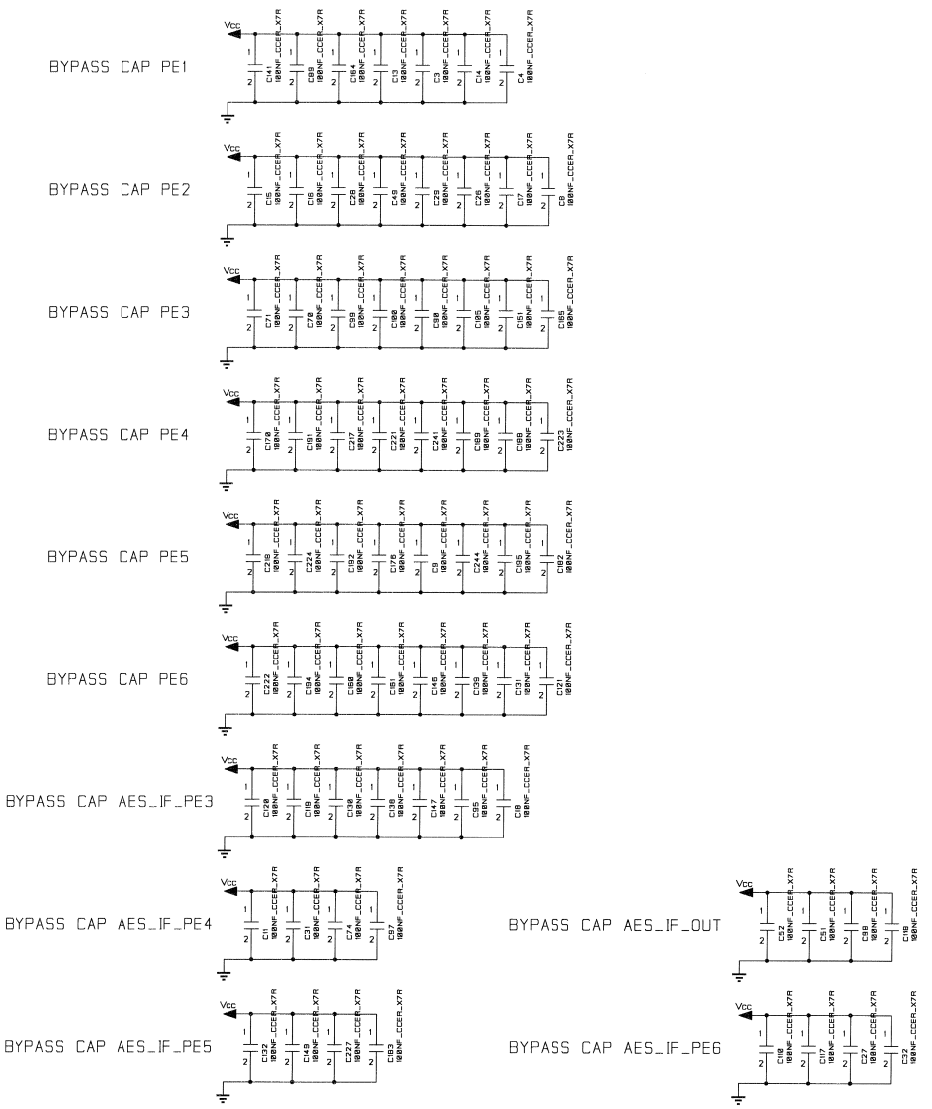
MADI Board 96k 1.950.616.20 (0), MEMNET Board 96k 1.950.621.20 (0)



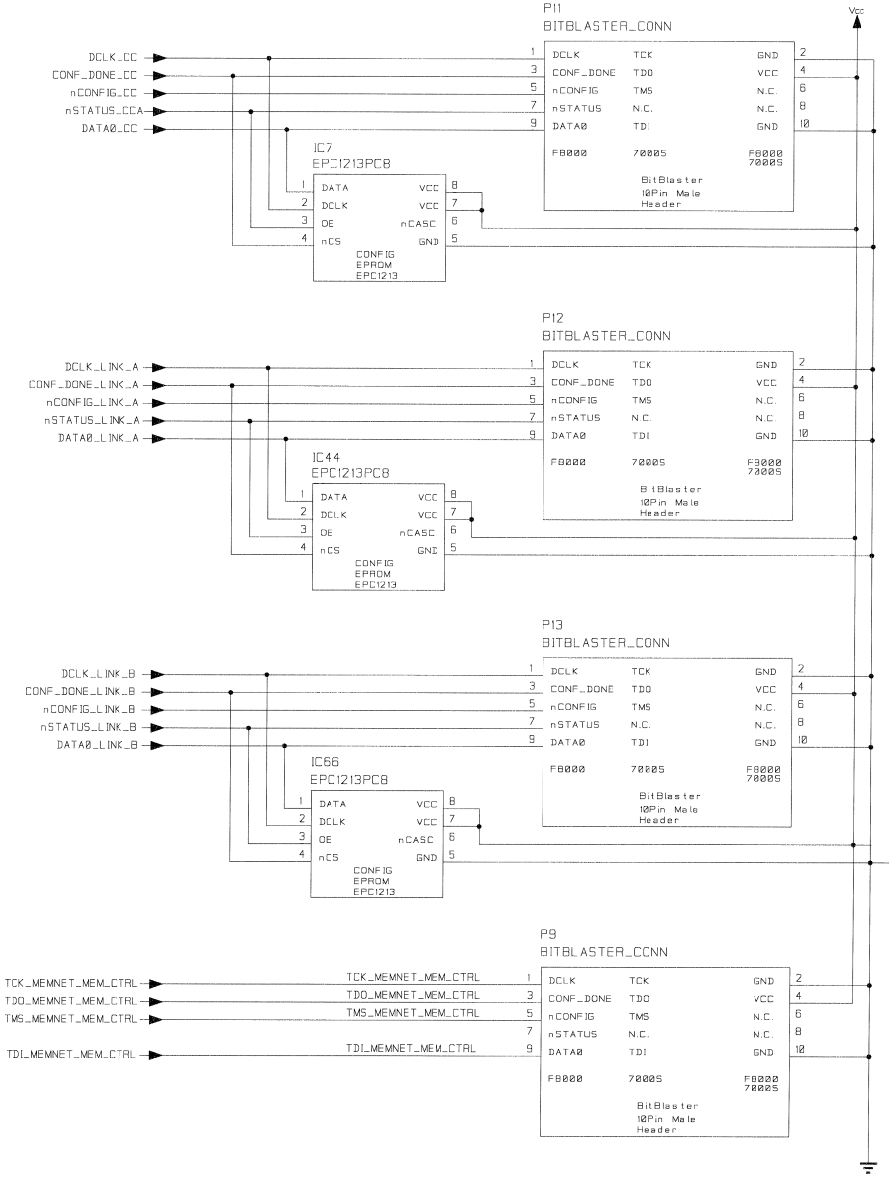
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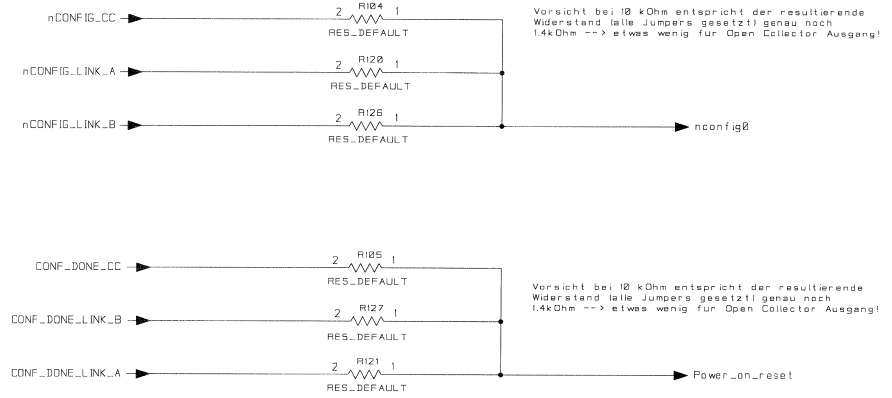
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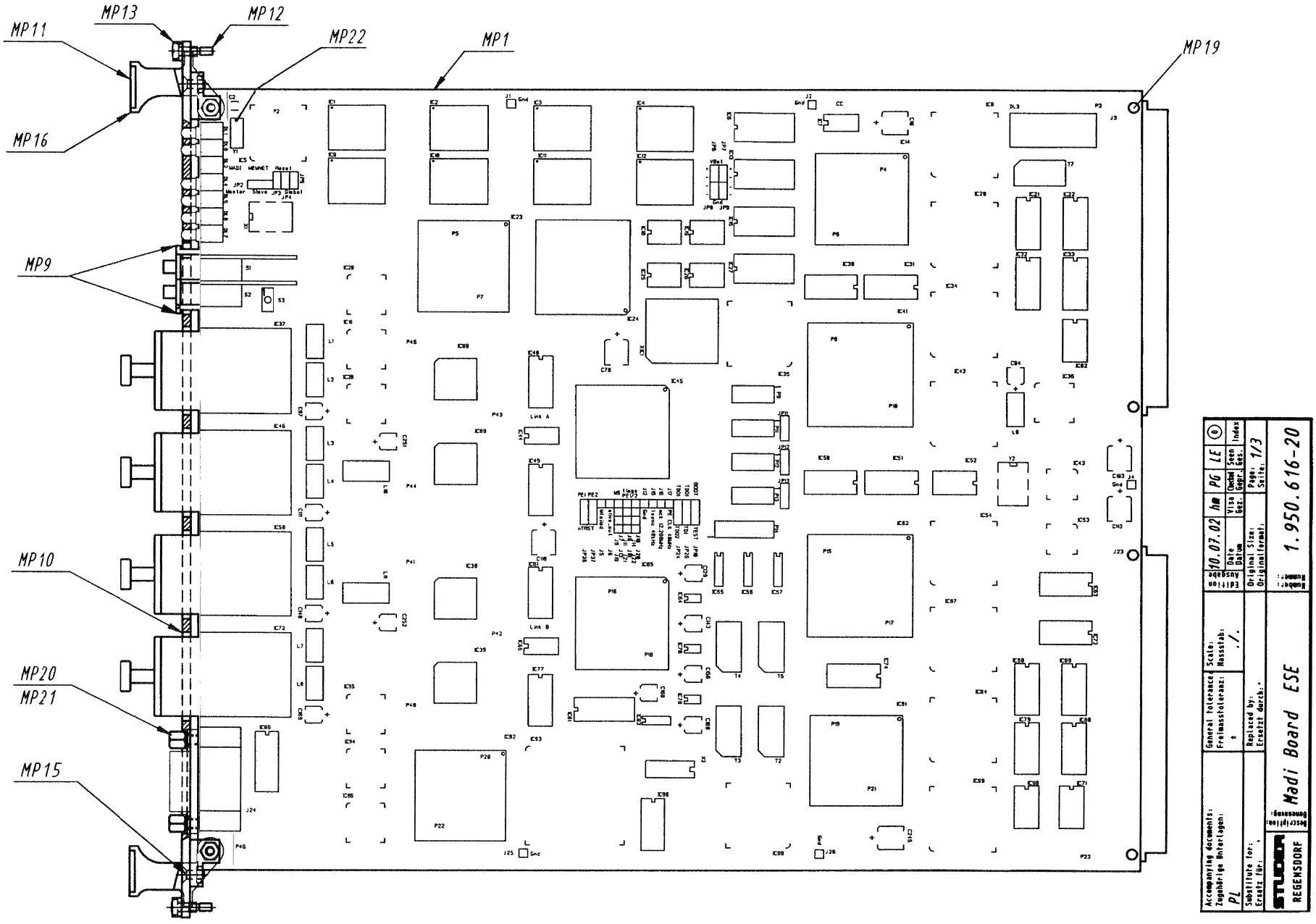
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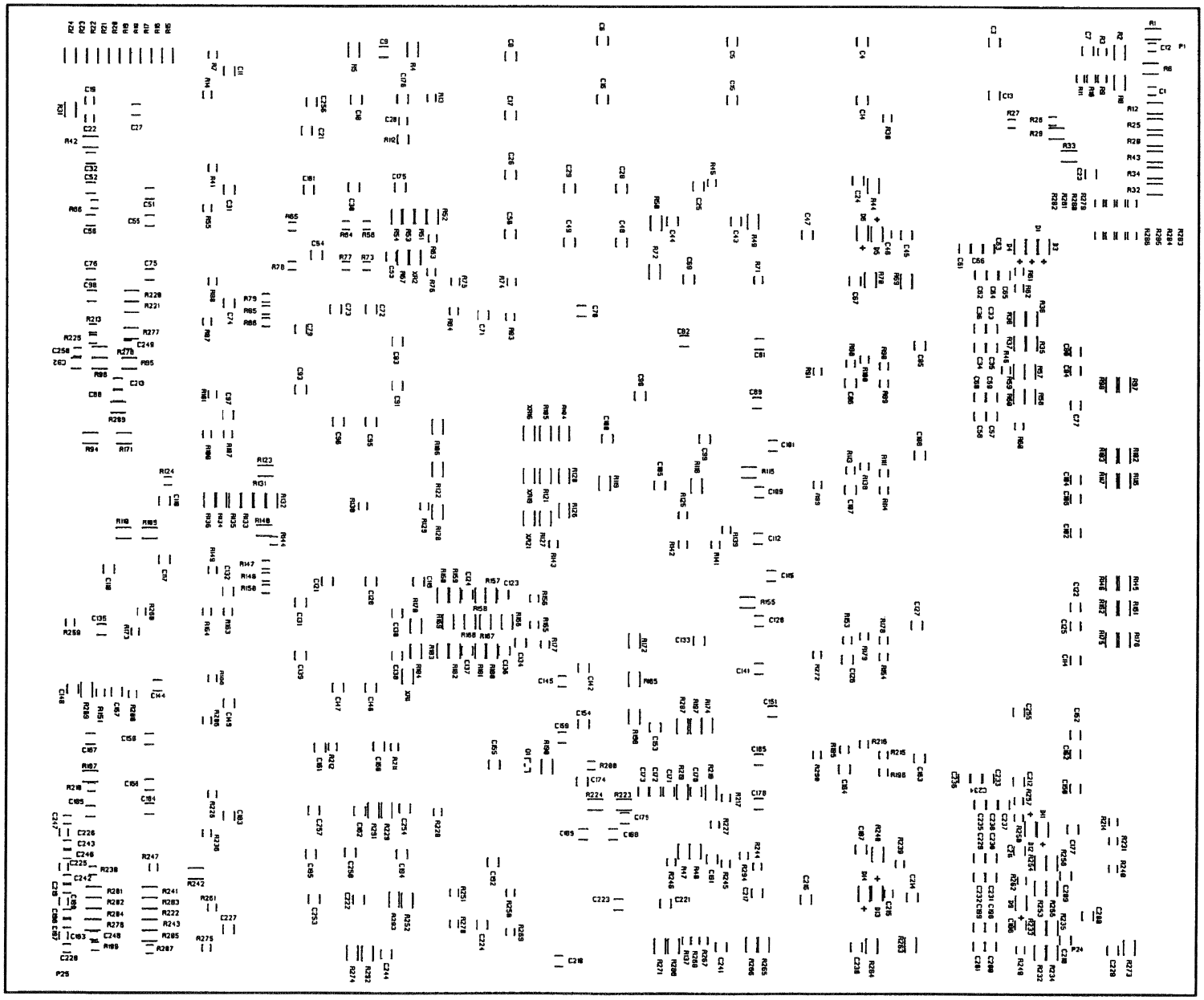
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	D950				PAGE 25 of 25
STUDER	MADI / MEMNET BOARD			SC	1.950.616/621.20

MADI Board 96k 1.950.616.20 (0) (Component Side)



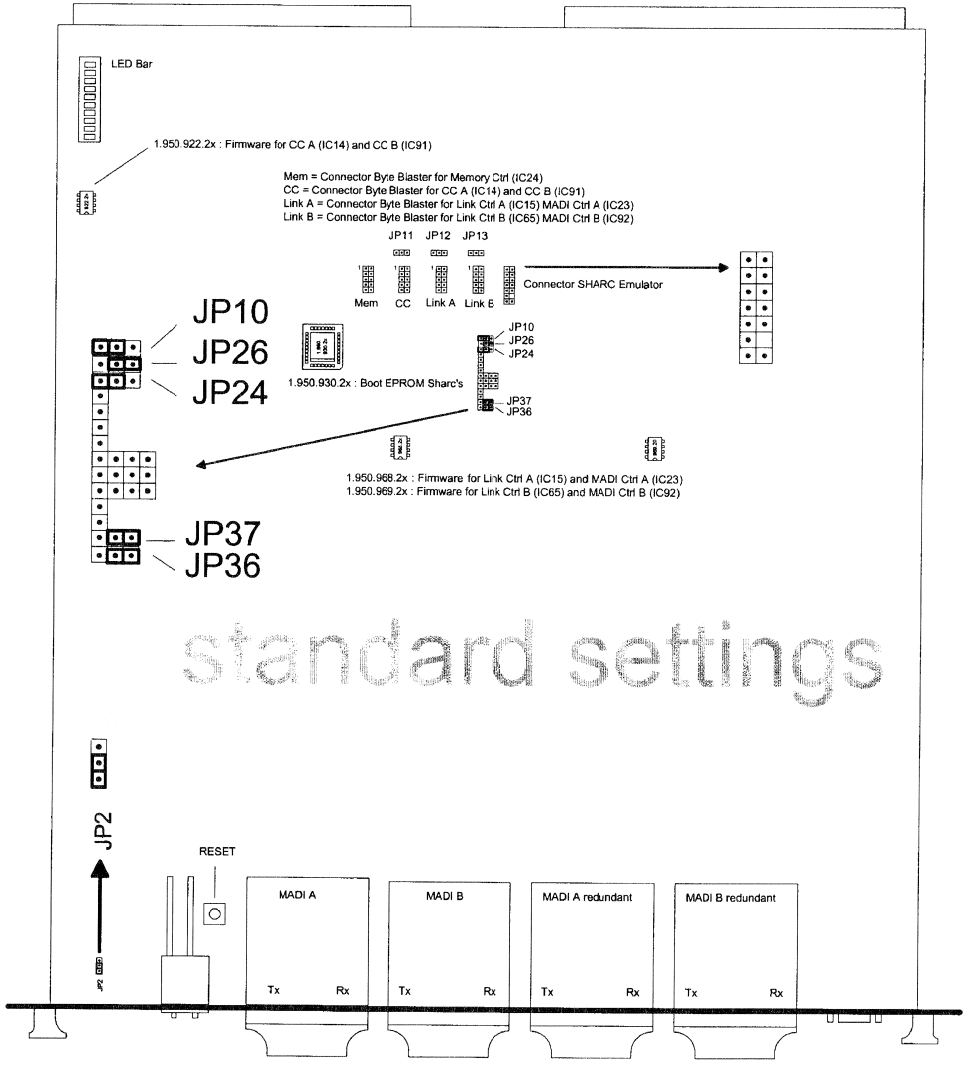
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			Date: Datum:		Visa: Ges.	Checked: Gepr.	Seen: Ges.	Index
Substitute for: Ersatz für: -	Replaced by: Ersetzt durch: -		Original Size: Originalformat:			Page: Seite: 1/3		
STUDER REGENSDORF			Description: Bezeichnung: Madi Board ESE			Number: 1.950.616-20		

MADI Board 96k 1.950.616.20 (0) (Solder Side)



Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±	Scale: Massstab: ./.	Edition Ausgabe	10.07.02	hm	PG	LE 0
			Date Datum		Visa Ges.	Checked Gepr.	Seen Ges. Index
Substitute for: Ersatz für: -	Replaced by: Ersetzt durch: -		Original Size: Originalformat:			Page: Seite: 2/3	
STUDER REGENSDORF			Designation Bezeichnung	Madi Board ESE		Number Nummer	1.950.616-20

MADI Board 96k 1.950.616.20 (0) (Jumper Setting)



Settings for lab use

Jumper settings for the board test

JP2
JP10

test the board (master)

support the test (slave)

Jumper settings using the Emulator

JP26
JP24
JP37
JP36

PE1

PE2

Jumper settings Byte Blaster

If you want to program the Altera with the Byte Blaster, you first have to remove the corresponding resistor (R106 for the CC, R122 LinkA, R128 Link B)

JP11,12,13

Rx removed
programming by EPC1

Rx removed
prgramming over Bit Blaster

Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±	Scale: Massstab: ./.	Edition Ausgabe	10.07.02 Date Datum	hm Visa Gez.	PG Checked Gepr.	LE Seen Ges.	0 Index
Substitute for: Ersatz für: -	Replaced by: Ersetzt durch: -		Original Size: Originalformat:			Page: Seite: 3/3		
STUDER REGENSDORF	Description: Benennung: Madi Board ESE		Number: Nummer: 1.950.616-20					

MADI Board 96k 1.950.616.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 3	not used		100n	CER 50V, 10%, X7R, 0805
0	C 4	not used		100n	CER 50V, 10%, X7R, 0805
0	C 5	not used		100n	CER 50V, 10%, X7R, 0805
0	C 6	not used		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 8	not used		100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 11	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 13	not used		100n	CER 50V, 10%, X7R, 0805
0	C 14	not used		100n	CER 50V, 10%, X7R, 0805
0	C 15	not used		100n	CER 50V, 10%, X7R, 0805
0	C 16	not used		100n	CER 50V, 10%, X7R, 0805
0	C 17	not used		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 19	not used		100p	CER 50V, 5%, C0G, 0603
0	C 20	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 22	not used		100p	CER 50V, 5%, C0G, 0603
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	not used		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 28	not used		100n	CER 50V, 10%, X7R, 0805
0	C 29	not used		100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 35	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 36	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 46	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 47	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 48	not used		100n	CER 50V, 10%, X7R, 0805
0	C 49	not used		100n	CER 50V, 10%, X7R, 0805
0	C 50	not used		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 52	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 56	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 57	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 58	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 59	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 60	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 61	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 62	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 63	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 64	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 65	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 66	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 67	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 71	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 72	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 73	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 74	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 75	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 76	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 77	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 78	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 79	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 80	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 81	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 82	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 83	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 84	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 85	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 86	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 87	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 88	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 89	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 90	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 91	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 92	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 93	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 94	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 95	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 96	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 97	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 98	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 99	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 100	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 102	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 103	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 104	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 105	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 106	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 107	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 108	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 109	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 110	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 111	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 112	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 113	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 114	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 115	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 116	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 117	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 118	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 119	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 120	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 121	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 122	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 123	not used		100n	CER 50V, 10%, X7R, 0805
0	C 124	not used		100n	CER 50V, 10%, X7R, 0805
0	C 125	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 126	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 127	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 128	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 129	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 130	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 131	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 132	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 133	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 134	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 135	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 136	not used		100n	CER 50V, 10%, X7R, 0805
0	C 137	not used		100n	CER 50V, 10%, X7R, 0805
0	C 138	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 139	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 140	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 141	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 142	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 143	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 144	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 145	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 146	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 147	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 148	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 149	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 150	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 151	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 152	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 153	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 154	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 155	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 156	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 157	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 158	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 159	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 160	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 161	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 162	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 163	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 164	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 165	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 166	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 167	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 168	not used		10u	EL 16V, 4.0*5.7
0	C 169	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 170	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 171	not used		68n	CER 50V, 10%, X7R, 0805
0	C 172	not used		10n	CER 50V, 10%, X7R, 0805
0	C 173	not used		10n	CER 50V, 10%, X7R, 0805
0	C 174	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 175	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 176	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 177	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 178	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 179	not used		100n	CER 50V, 10%, X7R, 0805
0	C 180	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 181	59.60.3337		100n	CER 50V, 10%, X7R, 0805

MADI Board 96k 1.950.616.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 182	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 183	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 184	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 185	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 186	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 187	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 188	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 189	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 190	not used		100p	CER 50V, 5%, C0G, 0603
0	C 191	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 192	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 193	not used		100p	CER 50V, 5%, C0G, 0603
0	C 194	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 195	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 196	not used		100p	CER 50V, 5%, C0G, 0603
0	C 197	not used		100p	CER 50V, 5%, C0G, 0603
0	C 198	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 199	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 200	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 201	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 208	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 209	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 210	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 211	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 212	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 213	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 214	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 215	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 216	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 217	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 218	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 219	not used		100p	CER 50V, 5%, C0G, 0603
0	C 220	not used		100p	CER 50V, 5%, C0G, 0603
0	C 221	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 222	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 223	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 224	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 225	not used		100p	CER 50V, 5%, C0G, 0603
0	C 226	not used		100p	CER 50V, 5%, C0G, 0603
0	C 227	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 228	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 229	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 230	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 231	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 232	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 233	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 234	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 235	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 236	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 237	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 238	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 239	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 241	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 242	not used		100p	CER 50V, 5%, C0G, 0603
0	C 243	not used		100p	CER 50V, 5%, C0G, 0603
0	C 244	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 245	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 246	not used		100p	CER 50V, 5%, C0G, 0603
0	C 247	not used		100p	CER 50V, 5%, C0G, 0603
0	C 248	not used		68p	CER 50V, 5%, C0G, 0603
0	C 249	not used		68p	CER 50V, 5%, C0G, 0603
0	C 250	not used		68p	CER 50V, 5%, C0G, 0603
0	C 251	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 252	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 253	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 254	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 255	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 256	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 257	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 258	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 3	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 4	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 5	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 9	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 11	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 12	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 13	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 14	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	DL 1	50.04.2750		red	LED mit Halter
0	DL 2	not used		grn	LED mit Halter
0	DL 3	50.04.2811		10*grn	LED-Bargraph 10*green
0	DL 4	50.04.2751		grn	LED mit Halter
0	DL 5	50.04.2751		grn	LED mit Halter
0	DL 6	50.04.2751		grn	LED mit Halter
0	DL 7	50.04.2751		grn	LED mit Halter
0	DL 8	50.04.2751		grn	LED mit Halter
0	IC 1	not used		29F016	Flash Memory 2M*8
0	IC 2	not used		29F016	Flash Memory 2M*8
0	IC 3	not used		29F016	Flash Memory 2M*8
0	IC 4	not used		29F016	Flash Memory 2M*8
0	IC 5	50.63.0203		TL16C550	UART
0	IC 6	not used		62256	SRAM 32K*8, 100ns
0	IC 7	1.950.922.22			SW 605/615 CC (50.63.4298)
0	IC 8	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 9	not used		29F016	Flash Memory 2M*8
0	IC 10	not used		29F016	Flash Memory 2M*8
0	IC 11	not used		29F016	Flash Memory 2M*8
0	IC 12	not used		29F016	Flash Memory 2M*8
0	IC 13	not used		62256	SRAM 32K*8, 100ns
0	IC 14	50.63.4207		EPF8820R	EPLD 8000 QFP208
0	IC 15	not used		62256	SRAM 32K*8, 100ns
0	IC 16	50.63.0205		AM7969	TAXI Chip Receiver
0	IC 18	not used		DS1210	Backup-Battery Manager
0	IC 19	not used		DS1210	Backup-Battery Manager
0	IC 20	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 21	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 22	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 23	50.63.4208		EPF81188	EPLD 12000 QFP208
0	IC 24	1.950.967.20			SW 616 MEMCTRL (50.63.4206)
0	IC 25	not used		DS1210	Backup-Battery Manager
0	IC 26	not used		DS1210	Backup-Battery Manager
0	IC 27	not used		62256	SRAM 32K*8, 100ns
0	IC 28	50.63.0205		AM7969	TAXI Chip Receiver
0	IC 29	50.63.0204		AM7968	TAXI Chip Transmitter
0	IC 30	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 31	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 32	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 33	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 34	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 35	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 36	50.62.6915		74FCT88915	Clock-Driver
0	IC 37	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 38	50.63.1704		CY7C027	Dualport RAM, 32K*16
0	IC 39	50.63.1704		CY7C027	Dualport RAM, 32K*16
0	IC 40	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 41	50.63.0408		ADSP21062	32bit DSP
0	IC 42	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 43	1.950.920.20			SW 605/10/1 GAL A (50.63.3002)
0	IC 44	1.950.968.20			SW 616 LINK A (50.63.4298)
0	IC 45	50.63.4209		EPF8820Q	EPLD 8000 QFP160
0	IC 46	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 49	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 50	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 51	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 52	50.62.6907		74FCT807	Share Clock-Driver
0	IC 53	1.950.921.20			SW 605/615 GAL B (50.63.3002)
0	IC 54	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 55	not used		DS34C86	4*RS 422 Line Receiver
0	IC 56	not used		DS34C87	4*RS 422 Line Driver
0	IC 57	not used		DS34C87	4*RS 422 Line Driver
0	IC 58	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 61	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 62	50.63.0408		ADSP21062	32bit DSP
0	IC 63	not used		74ABTE16245	16bit Bus-Driver
0	IC 64	50.63.2001		7705B	Reset Generator
0	IC 65	50.63.4209		EPF8820Q	EPLD 8000 QFP160
0	IC 66	1.950.969.20			SW 616 LINK B (50.63.4298)
0	IC 67	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 68	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 69	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 70	50.63.2001		7705B	Reset Generator
0	IC 71	50.62.6905		49FCT805	Dual Clock-Driver
0	IC 72	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 73	50.62.6746		74ABTE16246	16bit Bus-Driver o.c.
0	IC 74	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 77	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 78	50.63.2001		7705B	Reset Generator
0	IC 79	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 80	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 81	not used		CS8414	Digital Audio Receiver 96kHz
0	IC 82	50.62.6905		49FCT805	Dual Clock-Driver
0	IC 83	50.62.1004		74HC 04	Hex inverter
0	IC 84	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 85	50.62.0462		MAX 225	5*RS 232 Driver/Receiver
0	IC 86	50.63.0205		AM7969	TAXI Chip Receiver
0	IC 88	50.63.1704		CY7C027	Dualport RAM, 32K*16
0	IC 89	50.63.1704		CY7C027	Dualport RAM, 32K*16
0	IC 90	50.62.6905		49FCT805	Dual Clock-Driver
0	IC 91	50.63.4207		EPF8820R	EPLD 8000 QFP208
0	IC 92	50.63.4208		EPF81188	EPLD 12000 QFP208
0	IC 93	50.63.4203		EPLD8282	EPLD 2500 PLCC84
0	IC 94	50.63.0205		AM7969	TAXI Chip Receiver

MADI Board 96k 1.950.616.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 95	50.63.0204		AM7968	TAXI Chip Transmitter
0	IC 96	not used		CS8402A	Dig audio interface transmitt
0	IC 98	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 99	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	J 1	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 2	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 3	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 4	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 5	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 6	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 7	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 8	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 9	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 10	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 11	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 12	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 13	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 14	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 15	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 16	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 17	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 18	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 19	not used	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 20	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 21	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 22	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 23	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 24	54.13.0071	1 pce	9p	D-Sub, PCB, Winkel
0	J 25	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 26	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 30	54.01.0021	6 pcs	Jumper	0.63*0.63mm, Au
0	JP 2	54.01.0020	3 pcs	1p	Pin, 1reihig, gerade
0	JP 3	not used	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	JP 4	not used	1 pce	1p	Pin, 1reihig, gerade
0	JP 5	not used	1 pce	1p	Pin, 1reihig, gerade
0	JP 6	not used	2 pcs	1p	Pin, 1reihig, gerade
0	JP 7	not used	2 pcs	1p	Pin, 1reihig, gerade
0	JP 8	not used	2 pcs	1p	Pin, 1reihig, gerade
0	JP 9	not used	2 pcs	1p	Pin, 1reihig, gerade
0	JP 10	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	JP 11	not used	3 pcs	1p	Pin, 1reihig, gerade
0	JP 12	not used	3 pcs	1p	Pin, 1reihig, gerade
0	JP 13	not used	3 pcs	1p	Pin, 1reihig, gerade
0	JP 24	54.01.0020	3 pce	1p	Pin, 1reihig, gerade
0	JP 26	not used	1 pce	1p	Pin, 1reihig, gerade
0	JP 36	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	JP 37	not used	1 pce	1p	Pin, 1reihig, gerade
0	L 1	62.02.3109		1uH	20%, radial RM 5
0	L 2	62.02.3109		1uH	20%, radial RM 5
0	L 3	62.02.3109		1uH	20%, radial RM 5
0	L 4	62.02.3109		1uH	20%, radial RM 5
0	L 5	62.02.3109		1uH	20%, radial RM 5
0	L 6	62.02.3109		1uH	20%, radial RM 5
0	L 7	62.02.3109		1uH	20%, radial RM 5
0	L 8	62.02.3109		1uH	20%, radial RM 5
0	L 9	62.02.3109		1uH	20%, radial RM 5
0	L 10	62.03.0010		48uH	2A Toroid Chocke
0	L 11	62.03.0010		48uH	2A Toroid Chocke
0	MP 1	1.950.615.13	1 pce		MADIMEMNET PCB
0	MP 2	1.950.615.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20	1 pce	Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 5	not used	2 pcs	M2.5*12	Z - Schraube Zn gb chr
0	MP 6	not used	2 pcs	2.7/5.0	Rippenscheibe
0	MP 7	not used	2 pcs	M2.5	6kt-Mutter 0.8d St gb
0	MP 8	not used	1 pce		VERBINDUNGSKABEL
0	MP 9	55.12.1122	1 pce		Seitenwand
0	MP 10	1.950.615.05	1 pce		Frontplatte MADI
0	MP 11	1.940.600.05	2 pcs		GRIFFEINLAGE 4TE
0	MP 12	49.02.0524	2 pcs	M2.5*12	Schraube spezial
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	not used	2 pcs	1.8*5	Lötspirale Cu Sn
0	MP 15	49.02.0523	2 pcs	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0514	1 pce	4TE	Frontplatten-Griffsatz
0	MP 17	not used	1 pce		BATTERIEHALTER
0	MP 18	not used	1 pce	3.6V	Lithium-Batterie, 750mAh
0	MP 19	28.99.0119	4 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	54.13.0081	2 pcs	4.85mm	Bolzen UNC 4-40
0	MP 21	24.16.2030	2 pcs	3.2/6.0	Fächerscheibe Form A
0	MP 22	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	MP 23	not used	2 pcs	2.5*92	Kabelbinder
0	MP 24	1.950.615.10	1 pce		BAUGRUPPENSCHILD 10X80
0	P 9	54.01.0020	10 pce	1p	Pin, 1reihig, gerade
0	P 11	not used	10 pcs	1p	Pin, 1reihig, gerade
0	P 12	not used	10 pcs	1p	Pin, 1reihig, gerade
0	P 13	not used	10 pcs	1p	Pin, 1reihig, gerade
0	P 14	54.01.0020	14 pcs	1p	Pin, 1reihig, gerade

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	Q 1	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	R 1	57.60.1105		1M	MF, 1%, 0204, E24
0	R 2	57.60.1105		1M	MF, 1%, 0204, E24
0	R 3	57.69.1097		10k	CF 5% 0603
0	R 4	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 5	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 6	57.60.1331		330R	MF, 1%, 0204, E24
0	R 7	57.69.1097		10k	CF 5% 0603
0	R 8	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 9	57.69.1097		10k	CF 5% 0603
0	R 10	57.69.1097		10k	CF 5% 0603
0	R 11	57.69.1097		10k	CF 5% 0603
0	R 12	57.60.1331		330R	MF, 1%, 0204, E24
0	R 13	57.69.1097		10k	CF 5% 0603
0	R 14	57.69.1097		10k	CF 5% 0603
0	R 15	57.60.1331		330R	MF, 1%, 0204, E24
0	R 16	57.60.1331		330R	MF, 1%, 0204, E24
0	R 17	57.60.1331		330R	MF, 1%, 0204, E24
0	R 18	57.60.1331		330R	MF, 1%, 0204, E24
0	R 19	57.60.1331		330R	MF, 1%, 0204, E24
0	R 20	57.60.1331		330R	MF, 1%, 0204, E24
0	R 21	not used		330R	MF, 1%, 0204, E24
0	R 22	57.60.1331		330R	MF, 1%, 0204, E24
0	R 23	57.60.1331		330R	MF, 1%, 0204, E24
0	R 24	57.60.1331		330R	MF, 1%, 0204, E24
0	R 25	57.60.1331		330R	MF, 1%, 0204, E24
0	R 26	57.69.1097		10k	CF 5% 0603
0	R 27	57.69.1097		10k	CF 5% 0603
0	R 28	57.60.1331		330R	MF, 1%, 0204, E24
0	R 29	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 30	57.69.1097		10k	CF 5% 0603
0	R 31	not used		100R	MF, 1%, 0204, E24
0	R 32	57.60.1331		330R	MF, 1%, 0204, E24
0	R 33	57.60.1330		33R	MF, 1%, 0204, E24
0	R 34	57.60.1331		330R	MF, 1%, 0204, E24
0	R 35	57.60.1820		82R	MF, 1%, 0204, E24
0	R 36	57.60.1131		130R	MF, 1%, 0204, E24
0	R 37	57.60.1820		82R	MF, 1%, 0204, E24
0	R 38	57.60.1131		130R	MF, 1%, 0204, E24
0	R 41	57.69.1097		10k	CF 5% 0603
0	R 42	57.60.1331		330R	MF, 1%, 0204, E24
0	R 43	57.60.1331		330R	MF, 1%, 0204, E24
0	R 44	57.60.1109		1R	MF, 1%, 0204, E24
0	R 45	57.69.1097		10k	CF 5% 0603
0	R 46	57.69.1073		1k0	CF 5% 0603
0	R 47	57.60.1109		1R	MF, 1%, 0204, E24
0	R 48	57.60.1109		1R	MF, 1%, 0204, E24
0	R 49	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 50	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 51	57.60.1181		180R	MF, 1%, 0204, E24
0	R 52	57.60.1680		68R	MF, 1%, 0204, E24
0	R 53	57.60.1181		180R	MF, 1%, 0204, E24
0	R 54	57.60.1680		68R	MF, 1%, 0204, E24
0	R 55	57.69.1097		10k	CF 5% 0603
0	R 56	57.69.1097		10k	CF 5% 0603
0	R 57	57.60.1820		82R	MF, 1%, 0204, E24
0	R 58	57.60.1131		130R	MF, 1%, 0204, E24
0	R 59	57.60.1820		82R	MF, 1%, 0204, E24
0	R 60	57.60.1131		130R	MF, 1%, 0204, E24
0	R 61	57.69.1073		1k0	CF 5% 0603
0	R 62	57.69.1073		1k0	CF 5% 0603
0	R 63	57.69.1097		10k	CF 5% 0603
0	R 64	57.69.1097		10k	CF 5% 0603
0	R 65	57.69.1097		10k	CF 5% 0603
0	R 66	57.69.1097		10k	CF 5% 0603
0	R 67	57.60.1109		1R	MF, 1%, 0204, E24
0	R 68	57.69.1073		1k0	CF 5% 0603
0	R 69	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 70	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 71	57.69.1097		10k	CF 5% 0603
0	R 72	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 73	57.69.1097		10k	CF 5% 0603
0	R 74	57.69.1097		10k	CF 5% 0603
0	R 75	57.69.1097		10k	CF 5% 0603
0	R 76	57.69.1097		10k	CF 5% 0603
0	R 77	57.69.1097		10k	CF 5% 0603
0	R 78	57.69.1097		10k	CF 5% 0603
0	R 79	57.69.1097		10k	CF 5% 0603
0	R 80	57.69.1097		10k	CF 5% 0603
0	R 83	57.69.1097		10k	CF 5% 0603
0	R 84	57.69.1097		10k	CF 5% 0603
0	R 85	57.69.1097		10k	CF 5% 0603
0	R 86	57.69.1097		10k	CF 5% 0603
0	R 87	57.69.1097		10k	CF 5% 0603
0	R 88	57.69.1097		10k	CF 5% 0603
0	R 89	57.69.1097		10k	CF 5% 0603
0	R 90	57.69.1097		10k	CF 5% 0603

MADI Board 96k 1.950.616.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 91	57.69.1097		10k	CF 5% 0603
0	R 94	57.60.1270		27R	MF, 1%, 0204, E24
0	R 95	57.60.1270		27R	MF, 1%, 0204, E24
0	R 96	57.60.1270		27R	MF, 1%, 0204, E24
0	R 97	57.60.1820		82R	MF, 1%, 0204, E24
0	R 98	57.60.1131		130R	MF, 1%, 0204, E24
0	R 99	57.69.1097		10k	CF 5% 0603
0	R 100	57.69.1097		10k	CF 5% 0603
0	R 101	57.69.1097		10k	CF 5% 0603
0	R 102	57.60.1820		82R	MF, 1%, 0204, E24
0	R 103	57.60.1131		130R	MF, 1%, 0204, E24
0	R 104	57.60.1109		1R	MF, 1%, 0204, E24
0	R 105	not used		1R	MF, 1%, 0204, E24
0	R 106	57.60.1109		1R	MF, 1%, 0204, E24
0	R 107	57.69.1097		10k	CF 5% 0603
0	R 108	57.69.1097		10k	CF 5% 0603
0	R 109	57.60.1680		68R	MF, 1%, 0204, E24
0	R 110	57.60.1181		180R	MF, 1%, 0204, E24
0	R 111	57.69.1097		10k	CF 5% 0603
0	R 112	57.69.1097		10k	CF 5% 0603
0	R 113	57.69.1097		10k	CF 5% 0603
0	R 114	57.69.1097		10k	CF 5% 0603
0	R 115	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 116	57.60.1820		82R	MF, 1%, 0204, E24
0	R 117	57.60.1131		130R	MF, 1%, 0204, E24
0	R 118	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 119	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 120	57.60.1109		1R	MF, 1%, 0204, E24
0	R 121	not used		1R	MF, 1%, 0204, E24
0	R 122	57.60.1109		1R	MF, 1%, 0204, E24
0	R 123	57.60.1270		27R	MF, 1%, 0204, E24
0	R 124	57.69.1097		10k	CF 5% 0603
0	R 125	57.69.1097		10k	CF 5% 0603
0	R 126	57.60.1109		1R	MF, 1%, 0204, E24
0	R 127	57.60.1109		1R	MF, 1%, 0204, E24
0	R 128	57.60.1109		1R	MF, 1%, 0204, E24
0	R 129	57.69.1097		10k	CF 5% 0603
0	R 130	57.69.1097		10k	CF 5% 0603
0	R 131	57.60.1270		27R	MF, 1%, 0204, E24
0	R 132	57.60.1270		27R	MF, 1%, 0204, E24
0	R 133	57.60.1270		27R	MF, 1%, 0204, E24
0	R 134	57.60.1270		27R	MF, 1%, 0204, E24
0	R 135	57.60.1270		27R	MF, 1%, 0204, E24
0	R 136	57.60.1270		27R	MF, 1%, 0204, E24
0	R 137	57.69.1097		10k	CF 5% 0603
0	R 138	57.69.1097		10k	CF 5% 0603
0	R 139	57.69.1097		10k	CF 5% 0603
0	R 140	57.60.1270		27R	MF, 1%, 0204, E24
0	R 141	57.69.1097		10k	CF 5% 0603
0	R 142	57.69.1097		10k	CF 5% 0603
0	R 143	57.69.1097		10k	CF 5% 0603
0	R 144	57.69.1097		10k	CF 5% 0603
0	R 145	57.60.1820		82R	MF, 1%, 0204, E24
0	R 146	57.60.1131		130R	MF, 1%, 0204, E24
0	R 147	57.69.1097		10k	CF 5% 0603
0	R 148	57.69.1097		10k	CF 5% 0603
0	R 149	57.69.1097		10k	CF 5% 0603
0	R 150	not used		10k	CF 5% 0603
0	R 151	not used		10k	CF 5% 0603
0	R 153	57.69.1097		10k	CF 5% 0603
0	R 154	57.69.1097		10k	CF 5% 0603
0	R 155	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 156	not used		10k	CF 5% 0603
0	R 157	not used		27R	MF, 1%, 0204, E24
0	R 158	not used		22R	MF, 1%, 0204, E24
0	R 159	not used		27R	MF, 1%, 0204, E24
0	R 160	not used		22R	MF, 1%, 0204, E24
0	R 161	57.60.1820		82R	MF, 1%, 0204, E24
0	R 162	57.60.1131		130R	MF, 1%, 0204, E24
0	R 163	57.69.1097		10k	CF 5% 0603
0	R 164	57.69.1097		10k	CF 5% 0603
0	R 165	not used		10k	CF 5% 0603
0	R 166	not used		2k2	MF, 1%, 0204, E24
0	R 167	not used		2k2	MF, 1%, 0204, E24
0	R 168	not used		2k2	MF, 1%, 0204, E24
0	R 169	not used		2k2	MF, 1%, 0204, E24
0	R 170	57.60.1680		68R	MF, 1%, 0204, E24
0	R 171	57.60.1270		27R	MF, 1%, 0204, E24
0	R 172	57.60.1100		10R	MF, 1%, 0204, E24
0	R 173	not used		10k	CF 5% 0603
0	R 174	not used		1R	MF, 1%, 0204, E24
0	R 175	57.60.1131		130R	MF, 1%, 0204, E24
0	R 176	57.60.1820		82R	MF, 1%, 0204, E24
0	R 177	57.69.1097		10k	CF 5% 0603
0	R 178	57.69.1097		10k	CF 5% 0603
0	R 179	57.69.1097		10k	CF 5% 0603
0	R 180	not used		27R	MF, 1%, 0204, E24
0	R 181	not used		22R	MF, 1%, 0204, E24
0	R 182	not used		27R	MF, 1%, 0204, E24
0	R 183	not used		22R	MF, 1%, 0204, E24
0	R 184	57.60.1181		180R	MF, 1%, 0204, E24
0	R 185	57.60.1100		10R	MF, 1%, 0204, E24
0	R 186	57.69.1097		10k	CF 5% 0603
0	R 187	57.60.1331		330R	MF, 1%, 0204, E24
0	R 190	57.60.1103		10k	MF, 1%, 0204, E24
0	R 195	57.69.1097		10k	CF 5% 0603
0	R 196	57.69.1097		10k	CF 5% 0603
0	R 197	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 198	57.60.1100		10R	MF, 1%, 0204, E24
0	R 199	57.69.1097		10k	CF 5% 0603
0	R 200	57.69.1097		10k	CF 5% 0603
0	R 201	57.60.1270		27R	MF, 1%, 0204, E24
0	R 202	57.60.1270		27R	MF, 1%, 0204, E24
0	R 203	57.60.1270		27R	MF, 1%, 0204, E24
0	R 204	57.60.1270		27R	MF, 1%, 0204, E24
0	R 205	57.60.1270		27R	MF, 1%, 0204, E24
0	R 206	57.69.1097		10k	CF 5% 0603
0	R 207	57.69.1097		10k	CF 5% 0603
0	R 208	57.69.1097		10k	CF 5% 0603
0	R 209	57.60.1331		330R	MF, 1%, 0204, E24
0	R 210	57.69.1097		10k	CF 5% 0603
0	R 211	57.69.1097		10k	CF 5% 0603
0	R 212	57.69.1097		10k	CF 5% 0603
0	R 213	57.69.1097		10k	CF 5% 0603
0	R 214	57.69.1097		10k	CF 5% 0603
0	R 215	57.69.1097		10k	CF 5% 0603
0	R 216	57.69.1097		10k	CF 5% 0603
0	R 217	57.69.1097		10k	CF 5% 0603
0	R 218	not used		10R	MF, 1%, 0204, E24
0	R 219	not used		470R	MF, 1%, 0204, E24
0	R 220	57.60.1270		27R	MF, 1%, 0204, E24
0	R 221	57.60.1270		27R	MF, 1%, 0204, E24
0	R 222	57.60.1270		27R	MF, 1%, 0204, E24
0	R 223	57.60.1104		100k	MF, 1%, 0204, E24
0	R 224	57.60.1104		100k	MF, 1%, 0204, E24
0	R 225	57.69.1097		10k	CF 5% 0603
0	R 226	57.69.1097		10k	CF 5% 0603
0	R 227	57.69.1097		10k	CF 5% 0603
0	R 228	57.69.1097		10k	CF 5% 0603
0	R 229	57.60.1109		1R	MF, 1%, 0204, E24
0	R 230	57.69.1097		10k	CF 5% 0603
0	R 231	57.69.1097		10k	CF 5% 0603
0	R 232	57.60.1820		82R	MF, 1%, 0204, E24
0	R 233	57.60.1131		130R	MF, 1%, 0204, E24
0	R 234	57.60.1820		82R	MF, 1%, 0204, E24
0	R 235	57.60.1131		130R	MF, 1%, 0204, E24
0	R 236	57.69.1097		10k	CF 5% 0603
0	R 239	57.69.1097		10k	CF 5% 0603
0	R 240	57.60.1109		1R	MF, 1%, 0204, E24
0	R 241	57.60.1270		27R	MF, 1%, 0204, E24
0	R 242	57.60.1270		27R	MF, 1%, 0204, E24
0	R 243	57.60.1270		27R	MF, 1%, 0204, E24
0	R 244	57.69.1097		10k	CF 5% 0603
0	R 245	57.69.1097		10k	CF 5% 0603
0	R 246	57.69.1097		10k	CF 5% 0603
0	R 247	57.69.1097		10k	CF 5% 0603
0	R 248	57.69.1097		10k	CF 5% 0603
0	R 249	57.69.1073		1k0	CF 5% 0603
0	R 250	57.69.1097		10k	CF 5% 0603
0	R 251	57.69.1097		10k	CF 5% 0603
0	R 252	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 253	57.60.1820		82R	MF, 1%, 0204, E24
0	R 254	57.60.1131		130R	MF, 1%, 0204, E24
0	R 255	57.60.1820		82R	MF, 1%, 0204, E24
0	R 256	57.60.1131		130R	MF, 1%, 0204, E24
0	R 257	57.69.1073		1k0	CF 5% 0603
0	R 258	57.69.1073		1k0	CF 5% 0603
0	R 259	not used		10k	CF 5% 0603
0	R 260	not used		10k	CF 5% 0603
0	R 261	57.69.1097		10k	CF 5% 0603
0	R 262	57.69.1073		1k0	CF 5% 0603
0	R 263	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 264	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 265	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 266	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 267	57.69.1097		10k	CF 5% 0603
0	R 268	57.69.1097		10k	CF 5% 0603
0	R 269	57.69.1097		10k	CF 5% 0603
0	R 270	57.69.1097		10k	CF 5% 0603
0	R 271	57.60.1109		1R	MF, 1%, 0204, E24
0	R 272	57.69.1097		10k	CF 5% 0603
0	R 273	57.60.1105		1M	MF, 1%, 0204, E24
0	R 274	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 275	57.69.1097		10k	CF 5% 0603

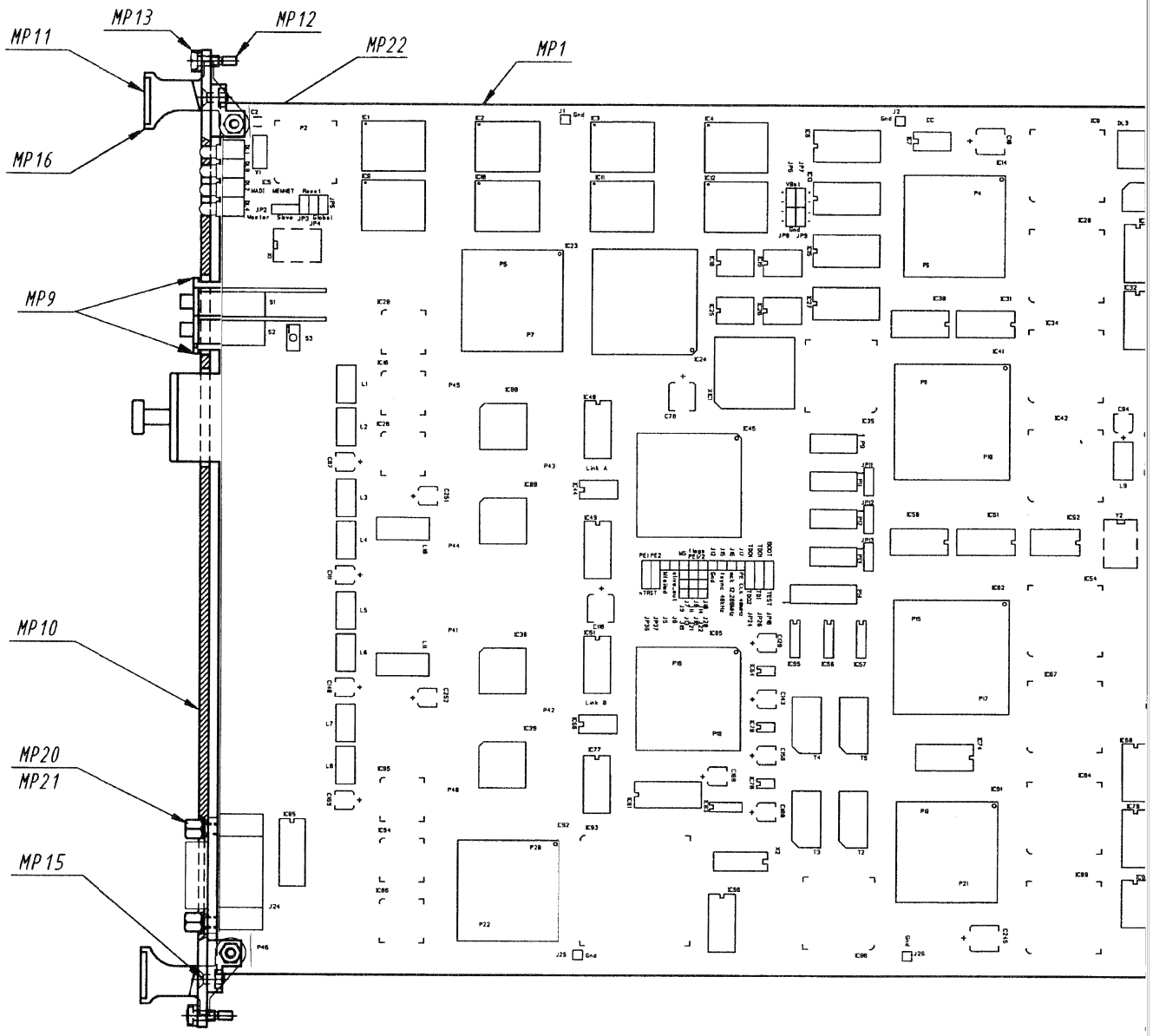
MADI Board 96k 1.950.616.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 276	not used		56R	MF, 1%, 0204, E24
0	R 277	not used		56R	MF, 1%, 0204, E24
0	R 278	not used		56R	MF, 1%, 0204, E24
0	R 279	57.69.1097		10k	CF 5% 0603
0	R 280	57.69.1097		10k	CF 5% 0603
0	R 281	57.69.1097		10k	CF 5% 0603
0	R 282	57.69.1097		10k	CF 5% 0603
0	R 283	57.69.1097		10k	CF 5% 0603
0	R 284	57.69.1097		10k	CF 5% 0603
0	R 285	57.69.1097		10k	CF 5% 0603
0	R 286	57.69.1097		10k	CF 5% 0603
0	R 287	not used		1R	MF, 1%, 0204, E24
0	R 288	not used		1R	MF, 1%, 0204, E24
0	R 289	not used		1R	MF, 1%, 0204, E24
0	R 290	57.69.1097		10k	CF 5% 0603
0	R 291	not used		1R	MF, 1%, 0204, E24
0	R 292	not used		1R	MF, 1%, 0204, E24
0	R 293	not used		1R	MF, 1%, 0204, E24
0	R 294	57.69.1097		10k	CF 5% 0603
0	S 1	55.12.1121			Code-Switch
0	S 2	55.12.1121			Code-Switch
0	S 3	55.15.0138		1*A	S 1 TASTE, 1*A,IMPULS,1.0 N
0	T 2	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	not used		1:1.4	OUTPUT TRAFO AES/EBU
0	X 1	89.60.2001		12.5MHz	XTAL Oscillator
0	X 2	not used		12.288MHz	TCXO Xtal-Oscillator temp comp
0	XDL 3	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 1	1.950.930.25			SW605/10/16/21 RTOSBOOT(.1301)
0	XIC 7	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 44	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 66	53.03.0166		8p	DIL 0.3", löt, gerade
0	XR 1	not used		1R	MF, 1%, 0204, E24
0	XR 2	not used		1R	MF, 1%, 0204, E24
0	XR 16	57.60.1102		1k0	MF, 1%, 0204, E24
0	XR 19	57.60.1102		1k0	MF, 1%, 0204, E24
0	XR 21	not used		1k0	MF, 1%, 0204, E24
0	XXIC 1	53.03.2232		32p	PLCC-Socket
0	Y 1	89.01.1017		1.8432MHz	XTAL HC49U
0	Y 2	89.60.2004		40.0MHz	XTAL Oscillator

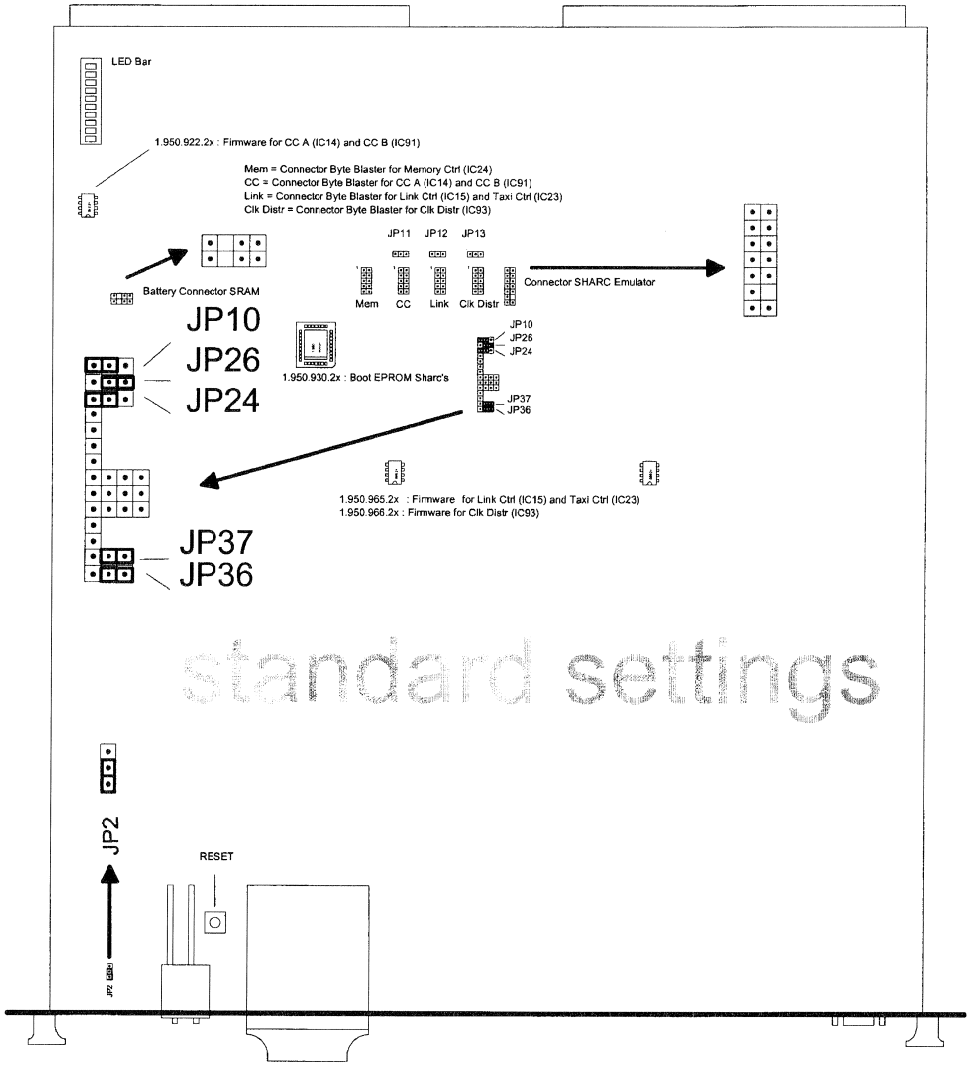
End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

MEMNET Board 96k 1.950.621.20 (0) (Component Side)



MEMNET Board 96k 1.950.621.20 (0)) (Jumper Setting)



Settings for lab use

Jumper settings for the board test

JP2
JP10

test the board (master)

support the test (slave)

Jumper settings using the Emulator

JP26
JP24
PE1
JP37
JP36

Jumper settings Byte Blaster

If you want to program the Altera with the Byte Blaster, you first have to remove the corresponding resistor (R106 for the CC, R122 Link, R128 Clk Distr)

JP11,12,13

Rx removed programming by EPC1

Rx removed prgramming over Bit Blaster

Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: ±	Scale: Massstab: ./.	Edition Ausgabe	10.07.02 Date Datum	hm Visa Gez.	PG Checked Gepr.	LE Seen Ges.	0 Index
Substitute for: Ersatz für: *	Replaced by: Ersetzt durch: *		Original Size: Originalformat:			Page: Seite:	3/3	
STUDER REGENSDORF	Description: Benennung: Memnet Board ESE		Number: Nummer: 1.950.621-20					

MEMNET Board 96k 1.950.621.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 11	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 16	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 20	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 33	not used		100n	CER 50V, 10%, X7R, 0805
0	C 34	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 35	not used		100n	CER 50V, 10%, X7R, 0805
0	C 36	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 46	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 47	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 49	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 52	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 56	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 57	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 58	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 59	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 60	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 61	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 62	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 63	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 64	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 65	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 66	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 67	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 71	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 72	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 73	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 74	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 75	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 76	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 77	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 78	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 79	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 80	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 81	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 82	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 83	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 84	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 85	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 86	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 87	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 88	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 89	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 90	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 91	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 92	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 93	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 94	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 95	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 96	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 97	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 98	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 99	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 100	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 102	not used		100n	CER 50V, 10%, X7R, 0805
0	C 103	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 104	not used		100n	CER 50V, 10%, X7R, 0805
0	C 105	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 106	not used		100n	CER 50V, 10%, X7R, 0805
0	C 107	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 108	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 109	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 110	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 111	not used		10u	EL 16V, 4.0*5.7
0	C 112	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 113	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 114	not used		100n	CER 50V, 10%, X7R, 0805
0	C 115	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 116	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 117	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 118	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 119	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 120	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 121	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 122	not used		100n	CER 50V, 10%, X7R, 0805
0	C 123	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 124	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 125	not used		100n	CER 50V, 10%, X7R, 0805
0	C 126	not used		100n	CER 50V, 10%, X7R, 0805
0	C 127	not used		100n	CER 50V, 10%, X7R, 0805
0	C 128	not used		100n	CER 50V, 10%, X7R, 0805
0	C 129	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 130	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 131	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 132	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 133	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 134	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 135	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 136	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 137	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 138	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 139	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 140	not used		10u	EL 16V, 4.0*5.7
0	C 141	not used		100n	CER 50V, 10%, X7R, 0805
0	C 142	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 143	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 144	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 145	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 146	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 147	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 148	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 149	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 150	not used		100n	CER 50V, 10%, X7R, 0805
0	C 151	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 152	not used		100n	CER 50V, 10%, X7R, 0805
0	C 153	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 154	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 155	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 156	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 157	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 158	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 159	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 160	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 161	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 162	not used		100n	CER 50V, 10%, X7R, 0805
0	C 163	not used		100n	CER 50V, 10%, X7R, 0805
0	C 164	not used		100n	CER 50V, 10%, X7R, 0805
0	C 165	not used		100n	CER 50V, 10%, X7R, 0805
0	C 166	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 167	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 168	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 169	not used		10u	EL 16V, 4.0*5.7
0	C 170	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 171	59.60.3335		68n	CER 50V, 10%, X7R, 0805
0	C 172	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 173	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 174	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 175	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 176	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 177	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 178	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 179	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 180	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 181	59.60.3337		100n	CER 50V, 10%, X7R, 0805

MEMNET Board 96k 1.950.621.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 182	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 183	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 184	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 185	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 186	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 187	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 188	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 189	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 190	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 191	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 192	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 193	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 194	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 195	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 196	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 197	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 198	not used		100n	CER 50V, 10%, X7R, 0805
0	C 199	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 200	not used		100n	CER 50V, 10%, X7R, 0805
0	C 201	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 208	not used		100n	CER 50V, 10%, X7R, 0805
0	C 209	not used		100n	CER 50V, 10%, X7R, 0805
0	C 210	not used		100n	CER 50V, 10%, X7R, 0805
0	C 211	not used		100n	CER 50V, 10%, X7R, 0805
0	C 212	not used		100n	CER 50V, 10%, X7R, 0805
0	C 213	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 214	not used		100n	CER 50V, 10%, X7R, 0805
0	C 215	not used		22p	CER 50V, 5%, C0G, 0603
0	C 216	not used		100n	CER 50V, 10%, X7R, 0805
0	C 217	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 218	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 219	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 220	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 221	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 222	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 223	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 224	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 225	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 226	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 227	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 228	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 229	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 230	not used		100n	CER 50V, 10%, X7R, 0805
0	C 231	not used		100n	CER 50V, 10%, X7R, 0805
0	C 232	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 233	not used		100n	CER 50V, 10%, X7R, 0805
0	C 234	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 235	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 236	not used		100n	CER 50V, 10%, X7R, 0805
0	C 237	not used		1n0	CER 50V, 5%, C0G, 0805
0	C 238	not used		100n	CER 50V, 10%, X7R, 0805
0	C 239	not used		100n	CER 50V, 10%, X7R, 0805
0	C 241	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 242	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 243	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 244	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 245	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 246	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 247	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 248	not used		68p	CER 50V, 5%, C0G, 0603
0	C 249	not used		68p	CER 50V, 5%, C0G, 0603
0	C 250	not used		68p	CER 50V, 5%, C0G, 0603
0	C 251	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 252	not used		10u	EL 16V, 4.0*5.7
0	C 253	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 254	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 255	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 256	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 257	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 258	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	not used		BAS85	200mA 30V Schottky SOD 80
0	D 3	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 4	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 5	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 9	not used		BAS85	200mA 30V Schottky SOD 80
0	D 11	not used		BAS85	200mA 30V Schottky SOD 80
0	D 12	not used		BAS85	200mA 30V Schottky SOD 80
0	D 13	not used		BAS85	200mA 30V Schottky SOD 80
0	D 14	not used		BAS85	200mA 30V Schottky SOD 80
0	DL 1	50.04.2750		red	LED mit Halter
0	DL 2	50.04.2751		grn	LED mit Halter
0	DL 3	50.04.2811		10*grn	LED-Bargraph 10*green
0	DL 4	50.04.2751		grn	LED mit Halter
0	DL 5	not used		grn	LED mit Halter
0	DL 6	not used		grn	LED mit Halter
0	DL 7	not used		grn	LED mit Halter
0	DL 8	50.04.2751		grn	LED mit Halter
0	IC 1	50.63.1302		29F016	Flash Memory 2M*8
0	IC 2	50.63.1302		29F016	Flash Memory 2M*8
0	IC 3	50.63.1302		29F016	Flash Memory 2M*8
0	IC 4	50.63.1302		29F016	Flash Memory 2M*8
0	IC 5	50.63.0203		TL16C550	UART
0	IC 6	50.63.1503		62256	SRAM 32K*8, 100ns
0	IC 7	1.950.922.22			SW 605/615 CC (50.63.4298)
0	IC 8	not used		IDT7014	Dualport SRAM, 4K*9
0	IC 9	50.63.1302		29F016	Flash Memory 2M*8
0	IC 10	50.63.1302		29F016	Flash Memory 2M*8
0	IC 11	50.63.1302		29F016	Flash Memory 2M*8
0	IC 12	50.63.1302		29F016	Flash Memory 2M*8
0	IC 13	50.63.1503		62256	SRAM 32K*8, 100ns
0	IC 14	not used		EPF8820R	EPLD 8000 QFP208
0	IC 15	50.63.1503		62256	SRAM 32K*8, 100ns
0	IC 16	not used		AM7969	TAXI Chip Receiver
0	IC 18	50.63.1599		DS1210	Backup-Battery Manager
0	IC 19	50.63.1599		DS1210	Backup-Battery Manager
0	IC 20	not used		IDT7014	Dualport SRAM, 4K*9
0	IC 21	not used		74FCT162374	16bit Bus Latches
0	IC 22	not used		74ABTE16245	16bit Bus-Driver
0	IC 23	50.63.4208		EPF81188	EPLD 12000 QFP208
0	IC 24	1.950.964.20			SW 621 MEMCTRL (50.63.4206)
0	IC 25	50.63.1599		DS1210	Backup-Battery Manager
0	IC 26	50.63.1599		DS1210	Backup-Battery Manager
0	IC 27	50.63.1503		62256	SRAM 32K*8, 100ns
0	IC 28	50.63.0205		AM7969	TAXI Chip Receiver
0	IC 29	50.63.0204		AM7968	TAXI Chip Transmitter
0	IC 30	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 31	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 32	not used		74FCT162374	16bit Bus Latches
0	IC 33	not used		74ABTE16245	16bit Bus-Driver
0	IC 34	not used		IDT7014	Dualport SRAM, 4K*9
0	IC 35	not used		IDT7014	Dualport SRAM, 4K*9
0	IC 36	50.62.6915		74FCT88915	Clock-Driver
0	IC 37	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 38	not used		CY7C027	Dualport RAM, 32K*16
0	IC 39	not used		CY7C027	Dualport RAM, 32K*16
0	IC 40	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 41	50.63.0408		ADSP21062	32bit DSP
0	IC 42	not used		IDT7014	Dualport SRAM, 4K*9
0	IC 43	not used			SW 605/10/1 GAL A (50.63.3002)
0	IC 44	1.950.965.20			SW 621 LINK A (50.63.4298)
0	IC 45	50.63.4209		EPF8820Q	EPLD 8000 QFP160
0	IC 46	not used		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 49	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 50	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 51	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 52	50.62.6907		74FCT807	Share Clock-Driver
0	IC 53	1.950.921.20			SW 605/615 GAL B (50.63.3002)
0	IC 54	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 55	50.62.0463		DS34C86	4*RS 422 Line Receiver
0	IC 56	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 57	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 58	not used		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 61	not used		74FCT162245	16bit Bus-Driver, tri
0	IC 62	not used		ADSP21062	32bit DSP
0	IC 63	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 64	50.63.2001		7705B	Reset Generator
0	IC 65	not used		EPF8820Q	EPLD 8000 QFP160
0	IC 66	1.950.966.20			SW 621 LINK B (50.63.4298)
0	IC 67	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 68	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 69	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 70	50.63.2001		7705B	Reset Generator
0	IC 71	50.62.6905		49FCT805	Dual Clock-Driver
0	IC 72	not used		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 73	50.62.6746		74ABTE16246	16bit Bus-Driver o.c.
0	IC 74	50.62.6946		74FCT162245	16bit Bus-Driver, tri
0	IC 77	not used		74FCT162245	16bit Bus-Driver, tri
0	IC 78	50.63.2001		7705B	Reset Generator
0	IC 79	50.62.6974		74FCT162374	16bit Bus Latches
0	IC 80	50.62.6745		74ABTE16245	16bit Bus-Driver
0	IC 81	50.62.0915		CS8414	Digital Audio Receiver 96kHz
0	IC 82	50.62.6905		49FCT805	Dual Clock-Driver
0	IC 83	50.62.1004		74HC 04	Hex inverter
0	IC 84	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 85	50.62.0462		MAX 225	5*RS 232 Driver/Receiver
0	IC 86	not used		AM7969	TAXI Chip Receiver
0	IC 88	50.63.1704		CY7C027	Dualport RAM, 32K*16
0	IC 89	50.63.1704		CY7C027	Dualport RAM, 32K*16
0	IC 90	50.62.6905		49FCT805	Dual Clock-Driver
0	IC 91	50.63.4207		EPF8820R	EPLD 8000 QFP208
0	IC 92	not used		EPF81188	EPLD 12000 QFP208
0	IC 93	50.63.4203		EPLD8282	EPLD 2500 PLCC84
0	IC 94	not used		AM7969	TAXI Chip Receiver

MEMNET Board 96k 1.950.621.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 95	not used		AM7968	TAXI Chip Transmitter
0	IC 96	50.62.0910		CS8402A	Dig audio interface transmitt
0	IC 98	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	IC 99	50.63.1506		IDT7014	Dualport SRAM, 4K*9
0	J 1	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 2	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 3	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 4	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 5	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 6	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 7	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 8	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 9	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 10	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 11	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 12	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 13	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 14	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 15	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 16	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 17	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 18	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 19	not used	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	J 20	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 21	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 22	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 23	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 24	54.13.0071	1 pce	9p	D-Sub, PCB, Winkel
0	J 25	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 26	not used	1 pce	1p	Pin, 1reihig, gerade
0	J 30	54.01.0021	6 pcs	Jumper	0.63*0.63mm, Au
0	JP 2	54.01.0020	3 pcs	1p	Pin, 1reihig, gerade
0	JP 3	not used	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	JP 4	not used	1 pce	1p	Pin, 1reihig, gerade
0	JP 5	not used	1 pce	1p	Pin, 1reihig, gerade
0	JP 6	not used	2 pcs	1p	Pin, 1reihig, gerade
0	JP 7	54.01.0020	2 pcs	1p	Pin, 1reihig, gerade
0	JP 8	not used	2 pcs	1p	Pin, 1reihig, gerade
0	JP 9	54.01.0020	2 pcs	1p	Pin, 1reihig, gerade
0	JP 10	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	JP 11	not used	3 pcs	1p	Pin, 1reihig, gerade
0	JP 12	not used	3 pcs	1p	Pin, 1reihig, gerade
0	JP 13	not used	3 pcs	1p	Pin, 1reihig, gerade
0	JP 24	54.01.0020	3 pce	1p	Pin, 1reihig, gerade
0	JP 26	not used	1 pce	1p	Pin, 1reihig, gerade
0	JP 36	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	JP 37	not used	1 pce	1p	Pin, 1reihig, gerade
0	L 1	62.02.3109		1uH	20%, radial RM 5
0	L 2	62.02.3109		1uH	20%, radial RM 5
0	L 3	not used		1uH	20%, radial RM 5
0	L 4	not used		1uH	20%, radial RM 5
0	L 5	not used		1uH	20%, radial RM 5
0	L 6	not used		1uH	20%, radial RM 5
0	L 7	not used		1uH	20%, radial RM 5
0	L 8	not used		1uH	20%, radial RM 5
0	L 9	62.02.3109		1uH	20%, radial RM 5
0	L 10	62.03.0010		48uH	2A Toroid Chocke
0	L 11	not used		48uH	2A Toroid Chocke
0	MP 1	1.950.615.13	1 pce		MADIMEMNET PCB
0	MP 2	1.950.620.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20	1 pce	Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 5	21.01.0282	2 pcs	M2.5*12	Z - Schraube Zn gb chr
0	MP 6	24.16.1025	2 pcs	2.7/5.0	Rippenscheibe
0	MP 7	22.01.8025	2 pcs	M2.5	6kt-Mutter 0.8d St gb
0	MP 8	1.950.615.03	1 pce		VERBINDUNGSKABEL
0	MP 9	55.12.1122	1 pce		Seitenwand
0	MP 10	1.950.620.01	1 pce		FRONTPLATTE MEMNET
0	MP 11	1.940.600.05	2 pcs		GRIFFEINLAGE 4TE
0	MP 12	49.02.0524	2 pcs	M2.5*12	Schraube spezial
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	29.99.0134	2 pcs	1.8*5	Lötspirale Cu Sn
0	MP 15	not used	2 pcs	M2.5*7	Senk-Schr, KS, Senkkipp
0	MP 16	49.02.0514	1 pce	4TE	Frontplatten-Griffsatz
0	MP 17	1.950.615.02	1 pce		BATTERIEHALTER
0	MP 18	89.01.2203	1 pce	3.6V	Lithium-Batterie, 750mAh
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	54.13.0081	2 pcs	4.85mm	Bolzen UNC 4-40
0	MP 21	24.16.2030	2 pcs	3.2/6.0	Fächerscheibe Form A
0	MP 22	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	MP 23	35.03.0109	2 pcs	2.5*92	Kabelbinder
0	MP 24	1.950.620.10			BAUGRUPPENSCHILD 10X80
0	P 9	54.01.0020	10 pce	1p	Pin, 1reihig, gerade
0	P 11	not used	10 pcs	1p	Pin, 1reihig, gerade
0	P 12	not used	10 pcs	1p	Pin, 1reihig, gerade
0	P 13	not used	10 pcs	1p	Pin, 1reihig, gerade
0	P 14	54.01.0020	14 pcs	1p	Pin, 1reihig, gerade

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	Q 1	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	R 1	57.60.1105		1M	MF, 1%, 0204, E24
0	R 2	57.60.1105		1M	MF, 1%, 0204, E24
0	R 3	57.69.1097		10k	CF 5% 0603
0	R 4	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 5	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 6	57.60.1331		330R	MF, 1%, 0204, E24
0	R 7	57.69.1097		10k	CF 5% 0603
0	R 8	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 9	57.69.1097		10k	CF 5% 0603
0	R 10	57.69.1097		10k	CF 5% 0603
0	R 11	57.69.1097		10k	CF 5% 0603
0	R 12	57.60.1331		330R	MF, 1%, 0204, E24
0	R 13	57.69.1097		10k	CF 5% 0603
0	R 14	57.69.1097		10k	CF 5% 0603
0	R 15	57.60.1331		330R	MF, 1%, 0204, E24
0	R 16	57.60.1331		330R	MF, 1%, 0204, E24
0	R 17	57.60.1331		330R	MF, 1%, 0204, E24
0	R 18	57.60.1331		330R	MF, 1%, 0204, E24
0	R 19	57.60.1331		330R	MF, 1%, 0204, E24
0	R 20	57.60.1331		330R	MF, 1%, 0204, E24
0	R 21	not used		330R	MF, 1%, 0204, E24
0	R 22	57.60.1331		330R	MF, 1%, 0204, E24
0	R 23	57.60.1331		330R	MF, 1%, 0204, E24
0	R 24	57.60.1331		330R	MF, 1%, 0204, E24
0	R 25	57.60.1331		330R	MF, 1%, 0204, E24
0	R 26	57.69.1097		10k	CF 5% 0603
0	R 27	57.69.1097		10k	CF 5% 0603
0	R 28	57.60.1331		330R	MF, 1%, 0204, E24
0	R 29	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 30	57.69.1097		10k	CF 5% 0603
0	R 31	57.60.1101		100R	MF, 1%, 0204, E24
0	R 32	57.60.1331		330R	MF, 1%, 0204, E24
0	R 33	57.60.1330		33R	MF, 1%, 0204, E24
0	R 34	57.60.1331		330R	MF, 1%, 0204, E24
0	R 35	not used		82R	MF, 1%, 0204, E24
0	R 36	not used		130R	MF, 1%, 0204, E24
0	R 37	not used		82R	MF, 1%, 0204, E24
0	R 38	not used		130R	MF, 1%, 0204, E24
0	R 41	57.69.1097		10k	CF 5% 0603
0	R 42	57.60.1331		330R	MF, 1%, 0204, E24
0	R 43	57.60.1331		330R	MF, 1%, 0204, E24
0	R 44	57.60.1109		1R	MF, 1%, 0204, E24
0	R 45	57.69.1097		10k	CF 5% 0603
0	R 46	57.69.1073		1k0	CF 5% 0603
0	R 47	57.60.1109		1R	MF, 1%, 0204, E24
0	R 48	57.60.1109		1R	MF, 1%, 0204, E24
0	R 49	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 50	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 51	57.60.1181		180R	MF, 1%, 0204, E24
0	R 52	57.60.1680		68R	MF, 1%, 0204, E24
0	R 53	57.60.1181		180R	MF, 1%, 0204, E24
0	R 54	57.60.1680		68R	MF, 1%, 0204, E24
0	R 55	57.69.1097		10k	CF 5% 0603
0	R 56	57.69.1097		10k	CF 5% 0603
0	R 57	57.60.1820		82R	MF, 1%, 0204, E24
0	R 58	57.60.1131		130R	MF, 1%, 0204, E24
0	R 59	57.60.1820		82R	MF, 1%, 0204, E24
0	R 60	57.60.1131		130R	MF, 1%, 0204, E24
0	R 61	57.69.1073		1k0	CF 5% 0603
0	R 62	57.69.1073		1k0	CF 5% 0603
0	R 63	57.69.1097		10k	CF 5% 0603
0	R 64	57.69.1097		10k	CF 5% 0603
0	R 65	57.69.1097		10k	CF 5% 0603
0	R 66	57.69.1097		10k	CF 5% 0603
0	R 67	57.60.1109		1R	MF, 1%, 0204, E24
0	R 68	57.69.1073		1k0	CF 5% 0603
0	R 69	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 70	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 71	57.69.1097		10k	CF 5% 0603
0	R 72	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 73	57.69.1097		10k	CF 5% 0603
0	R 74	not used		10k	CF 5% 0603
0	R 75	57.69.1097		10k	CF 5% 0603
0	R 76	57.69.1097		10k	CF 5% 0603
0	R 77	57.69.1097		10k	CF 5% 0603
0	R 78	57.69.1097		10k	CF 5% 0603
0	R 79	57.69.1097		10k	CF 5% 0603
0	R 80	57.69.1097		10k	CF 5% 0603
0	R 83	57.69.1097		10k	CF 5% 0603
0	R 84	57.69.1097		10k	CF 5% 0603
0	R 85	57.69.1097		10k	CF 5% 0603
0	R 86	57.69.1097		10k	CF 5% 0603
0	R 87	57.69.1097		10k	CF 5% 0603
0	R 88	57.69.1097		10k	CF 5% 0603
0	R 89	57.69.1097		10k	CF 5% 0603
0	R 90	57.69.1097		10k	CF 5% 0603

MEMNET Board 96k 1.950.621.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 91	57.69.1097		10k	CF 5% 0603
0	R 94	not used		27R	MF, 1%, 0204, E24
0	R 95	57.60.1270		27R	MF, 1%, 0204, E24
0	R 96	57.60.1270		27R	MF, 1%, 0204, E24
0	R 97	57.60.1820		82R	MF, 1%, 0204, E24
0	R 98	57.60.1131		130R	MF, 1%, 0204, E24
0	R 99	57.69.1097		10k	CF 5% 0603
0	R 100	57.69.1097		10k	CF 5% 0603
0	R 101	57.69.1097		10k	CF 5% 0603
0	R 102	not used		82R	MF, 1%, 0204, E24
0	R 103	not used		130R	MF, 1%, 0204, E24
0	R 104	57.60.1109		1R	MF, 1%, 0204, E24
0	R 105	not used		1R	MF, 1%, 0204, E24
0	R 106	57.60.1109		1R	MF, 1%, 0204, E24
0	R 107	57.69.1097		10k	CF 5% 0603
0	R 108	57.69.1097		10k	CF 5% 0603
0	R 109	57.60.1680		68R	MF, 1%, 0204, E24
0	R 110	57.60.1181		180R	MF, 1%, 0204, E24
0	R 111	57.69.1097		10k	CF 5% 0603
0	R 112	57.69.1097		10k	CF 5% 0603
0	R 113	57.69.1097		10k	CF 5% 0603
0	R 114	57.69.1097		10k	CF 5% 0603
0	R 115	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 116	not used		82R	MF, 1%, 0204, E24
0	R 117	not used		130R	MF, 1%, 0204, E24
0	R 118	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 119	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 120	57.60.1109		1R	MF, 1%, 0204, E24
0	R 121	not used		1R	MF, 1%, 0204, E24
0	R 122	57.60.1109		1R	MF, 1%, 0204, E24
0	R 123	57.60.1270		27R	MF, 1%, 0204, E24
0	R 124	57.69.1097		10k	CF 5% 0603
0	R 125	57.69.1097		10k	CF 5% 0603
0	R 126	57.60.1109		1R	MF, 1%, 0204, E24
0	R 127	57.60.1109		1R	MF, 1%, 0204, E24
0	R 128	57.60.1109		1R	MF, 1%, 0204, E24
0	R 129	57.69.1097		10k	CF 5% 0603
0	R 130	57.69.1097		10k	CF 5% 0603
0	R 131	57.60.1270		27R	MF, 1%, 0204, E24
0	R 132	57.60.1270		27R	MF, 1%, 0204, E24
0	R 133	57.60.1270		27R	MF, 1%, 0204, E24
0	R 134	57.60.1270		27R	MF, 1%, 0204, E24
0	R 135	57.60.1270		27R	MF, 1%, 0204, E24
0	R 136	57.60.1270		27R	MF, 1%, 0204, E24
0	R 137	57.69.1097		10k	CF 5% 0603
0	R 138	57.69.1097		10k	CF 5% 0603
0	R 139	57.69.1097		10k	CF 5% 0603
0	R 140	57.60.1270		27R	MF, 1%, 0204, E24
0	R 141	57.69.1097		10k	CF 5% 0603
0	R 142	57.69.1097		10k	CF 5% 0603
0	R 143	57.69.1097		10k	CF 5% 0603
0	R 144	57.69.1097		10k	CF 5% 0603
0	R 145	57.60.1820		82R	MF, 1%, 0204, E24
0	R 146	57.60.1131		130R	MF, 1%, 0204, E24
0	R 147	57.69.1097		10k	CF 5% 0603
0	R 148	57.69.1097		10k	CF 5% 0603
0	R 149	57.69.1097		10k	CF 5% 0603
0	R 150	57.69.1097		10k	CF 5% 0603
0	R 151	57.69.1097		10k	CF 5% 0603
0	R 153	57.69.1097		10k	CF 5% 0603
0	R 154	57.69.1097		10k	CF 5% 0603
0	R 155	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 156	57.69.1097		10k	CF 5% 0603
0	R 157	57.60.1270		27R	MF, 1%, 0204, E24
0	R 158	57.60.1220		22R	MF, 1%, 0204, E24
0	R 159	57.60.1270		27R	MF, 1%, 0204, E24
0	R 160	57.60.1220		22R	MF, 1%, 0204, E24
0	R 161	57.60.1820		82R	MF, 1%, 0204, E24
0	R 162	57.60.1131		130R	MF, 1%, 0204, E24
0	R 163	57.69.1097		10k	CF 5% 0603
0	R 164	57.69.1097		10k	CF 5% 0603
0	R 165	57.69.1097		10k	CF 5% 0603
0	R 166	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 167	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 168	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 169	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 170	57.60.1680		68R	MF, 1%, 0204, E24
0	R 171	57.60.1270		27R	MF, 1%, 0204, E24
0	R 172	57.60.1100		10R	MF, 1%, 0204, E24
0	R 173	57.69.1097		10k	CF 5% 0603
0	R 174	57.60.1109		1R	MF, 1%, 0204, E24
0	R 175	not used		130R	MF, 1%, 0204, E24
0	R 176	57.60.1820		82R	MF, 1%, 0204, E24
0	R 177	57.69.1097		10k	CF 5% 0603
0	R 178	not used		10k	CF 5% 0603
0	R 179	not used		10k	CF 5% 0603
0	R 180	57.60.1270		27R	MF, 1%, 0204, E24
0	R 181	57.60.1220		22R	MF, 1%, 0204, E24
0	R 182	57.60.1270		27R	MF, 1%, 0204, E24
0	R 183	57.60.1220		22R	MF, 1%, 0204, E24
0	R 184	57.60.1181		180R	MF, 1%, 0204, E24
0	R 185	57.60.1100		10R	MF, 1%, 0204, E24
0	R 186	57.69.1097		10k	CF 5% 0603
0	R 187	57.60.1331		330R	MF, 1%, 0204, E24
0	R 190	57.60.1103		10k	MF, 1%, 0204, E24
0	R 195	not used		10k	CF 5% 0603
0	R 196	not used		10k	CF 5% 0603
0	R 197	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 198	57.60.1100		10R	MF, 1%, 0204, E24
0	R 199	57.69.1097		10k	CF 5% 0603
0	R 200	57.69.1097		10k	CF 5% 0603
0	R 201	57.60.1270		27R	MF, 1%, 0204, E24
0	R 202	57.60.1270		27R	MF, 1%, 0204, E24
0	R 203	57.60.1270		27R	MF, 1%, 0204, E24
0	R 204	57.60.1270		27R	MF, 1%, 0204, E24
0	R 205	57.60.1270		27R	MF, 1%, 0204, E24
0	R 206	57.69.1097		10k	CF 5% 0603
0	R 207	57.69.1097		10k	CF 5% 0603
0	R 208	57.69.1097		10k	CF 5% 0603
0	R 209	57.60.1331		330R	MF, 1%, 0204, E24
0	R 210	57.69.1097		10k	CF 5% 0603
0	R 211	57.69.1097		10k	CF 5% 0603
0	R 212	57.69.1097		10k	CF 5% 0603
0	R 213	57.69.1097		10k	CF 5% 0603
0	R 214	57.69.1097		10k	CF 5% 0603
0	R 215	not used		10k	CF 5% 0603
0	R 216	not used		10k	CF 5% 0603
0	R 217	57.69.1097		10k	CF 5% 0603
0	R 218	57.60.1100		10R	MF, 1%, 0204, E24
0	R 219	57.60.1471		470R	MF, 1%, 0204, E24
0	R 220	57.60.1270		27R	MF, 1%, 0204, E24
0	R 221	57.60.1270		27R	MF, 1%, 0204, E24
0	R 222	57.60.1270		27R	MF, 1%, 0204, E24
0	R 223	57.60.1104		100k	MF, 1%, 0204, E24
0	R 224	57.60.1104		100k	MF, 1%, 0204, E24
0	R 225	57.69.1097		10k	CF 5% 0603
0	R 226	57.69.1097		10k	CF 5% 0603
0	R 227	57.69.1097		10k	CF 5% 0603
0	R 228	57.69.1097		10k	CF 5% 0603
0	R 229	not used		1R	MF, 1%, 0204, E24
0	R 230	57.69.1097		10k	CF 5% 0603
0	R 231	57.69.1097		10k	CF 5% 0603
0	R 232	not used		82R	MF, 1%, 0204, E24
0	R 233	not used		130R	MF, 1%, 0204, E24
0	R 234	not used		82R	MF, 1%, 0204, E24
0	R 235	not used		130R	MF, 1%, 0204, E24
0	R 236	57.69.1097		10k	CF 5% 0603
0	R 239	57.69.1097		10k	CF 5% 0603
0	R 240	57.60.1109		1R	MF, 1%, 0204, E24
0	R 241	57.60.1270		27R	MF, 1%, 0204, E24
0	R 242	57.60.1270		27R	MF, 1%, 0204, E24
0	R 243	57.60.1270		27R	MF, 1%, 0204, E24
0	R 244	57.69.1097		10k	CF 5% 0603
0	R 245	57.69.1097		10k	CF 5% 0603
0	R 246	57.69.1097		10k	CF 5% 0603
0	R 247	57.69.1097		10k	CF 5% 0603
0	R 248	57.69.1097		10k	CF 5% 0603
0	R 249	not used		1k0	CF 5% 0603
0	R 250	57.69.1097		10k	CF 5% 0603
0	R 251	57.69.1097		10k	CF 5% 0603
0	R 252	not used		1k0	MF, 1%, 0204, E24
0	R 253	not used		82R	MF, 1%, 0204, E24
0	R 254	not used		130R	MF, 1%, 0204, E24
0	R 255	not used		82R	MF, 1%, 0204, E24
0	R 256	not used		130R	MF, 1%, 0204, E24
0	R 257	not used		1k0	CF 5% 0603
0	R 258	not used		1k0	CF 5% 0603
0	R 259	57.69.1097		10k	CF 5% 0603
0	R 260	57.69.1097		10k	CF 5% 0603
0	R 261	57.69.1097		10k	CF 5% 0603
0	R 262	not used		1k0	CF 5% 0603
0	R 263	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 264	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 265	not used		1k0	MF, 1%, 0204, E24
0	R 266	not used		1k0	MF, 1%, 0204, E24
0	R 267	57.69.1097		10k	CF 5% 0603
0	R 268	57.69.1097		10k	CF 5% 0603
0	R 269	57.69.1097		10k	CF 5% 0603
0	R 270	57.69.1097		10k	CF 5% 0603
0	R 271	not used		1R	MF, 1%, 0204, E24
0	R 272	57.69.1097		10k	CF 5% 0603
0	R 273	57.60.1105		1M	MF, 1%, 0204, E24
0	R 274	not used		1k0	MF, 1%, 0204, E24
0	R 275	57.69.1097		10k	CF 5% 0603

MEMNET Board 96k 1.950.621.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 276	not used		56R	MF, 1%, 0204, E24
0	R 277	not used		56R	MF, 1%, 0204, E24
0	R 278	not used		56R	MF, 1%, 0204, E24
0	R 279	57.69.1097		10k	CF 5% 0603
0	R 280	57.69.1097		10k	CF 5% 0603
0	R 281	57.69.1097		10k	CF 5% 0603
0	R 282	57.69.1097		10k	CF 5% 0603
0	R 283	57.69.1097		10k	CF 5% 0603
0	R 284	57.69.1097		10k	CF 5% 0603
0	R 285	57.69.1097		10k	CF 5% 0603
0	R 286	57.69.1097		10k	CF 5% 0603
0	R 287	57.60.1109		1R	MF, 1%, 0204, E24
0	R 288	57.60.1109		1R	MF, 1%, 0204, E24
0	R 289	not used		1R	MF, 1%, 0204, E24
0	R 290	57.69.1097		10k	CF 5% 0603
0	R 291	57.60.1109		1R	MF, 1%, 0204, E24
0	R 292	57.60.1109		1R	MF, 1%, 0204, E24
0	R 293	57.60.1109		1R	MF, 1%, 0204, E24
0	R 294	57.69.1097		10k	CF 5% 0603
0	S 1	55.12.1121			Code-Switch
0	S 2	55.12.1121			Code-Switch
0	S 3	55.15.0138		1*A	S 1 TASTE, 1*A,IMPULS,1.0 N
0	T 2	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	X 1	89.60.2001		12.5MHz	XTAL Oscillator
0	X 2	89.01.1601		12.288MHz	TCXO Xtal-Oscillator temp comp
0	XDL 3	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 1	1.950.930.25			SW605/10/16/21 RTOSBOOT(.1301)
0	XIC 7	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 44	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 66	53.03.0166		8p	DIL 0.3", löt, gerade
0	XR 1	57.60.1109		1R	MF, 1%, 0204, E24
0	XR 2	not used		1R	MF, 1%, 0204, E24
0	XR 16	57.60.1102		1k0	MF, 1%, 0204, E24
0	XR 19	57.60.1102		1k0	MF, 1%, 0204, E24
0	XR 21	not used		1k0	MF, 1%, 0204, E24
0	XXIC 1	53.03.2232		32p	PLCC-Socket
0	Y 1	89.01.1017		1.8432MHz	XTAL HC49U
0	Y 2	89.60.2004		40.0MHz	XTAL Oscillator

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

CIRCUIT DIAGRAMS: D19m FRAMES

3U Frames

D19m Rack Bus 5/15 ..... 1.940.592

Back Plane *(cannot be used with RCC and MP4RC cards).* 1.940.550

Back Plane 1.940.551

Power Supply 5 V/16 A 1.940.606
Power Supply ±15 V/3.5 A 1.940.607

Supply Status Board 1.940.589
Supply Status Board 1.940.593
Power Distributor ±15 V + Diode 1.940.623
Power Distributor 5/24 V + Diode 1.940.624

Supply Board 1.940.410
Supply Board, Redundant Output 1.940.411
Supply Board, Redundant Input 1.940.412

Control Connection 1.940.630

D19m Sync Receiver 1.940.557

Optical/Coax Interface 1.940.558

RS422-to-Optical Converter 1.940.577
RS422-to-Optical Converter 1.940.579

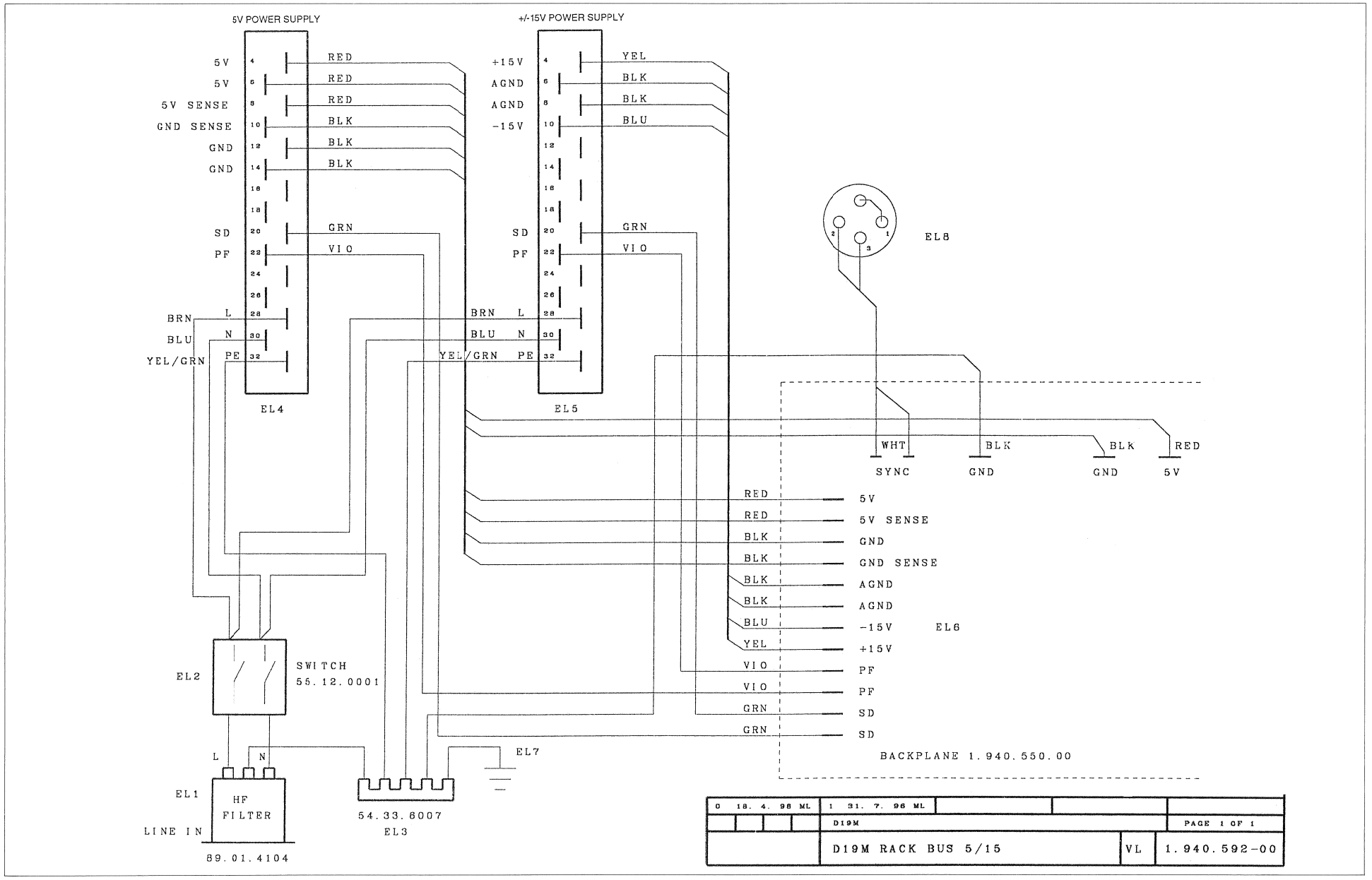
Fan Regulation 1.940.596

1U Frame

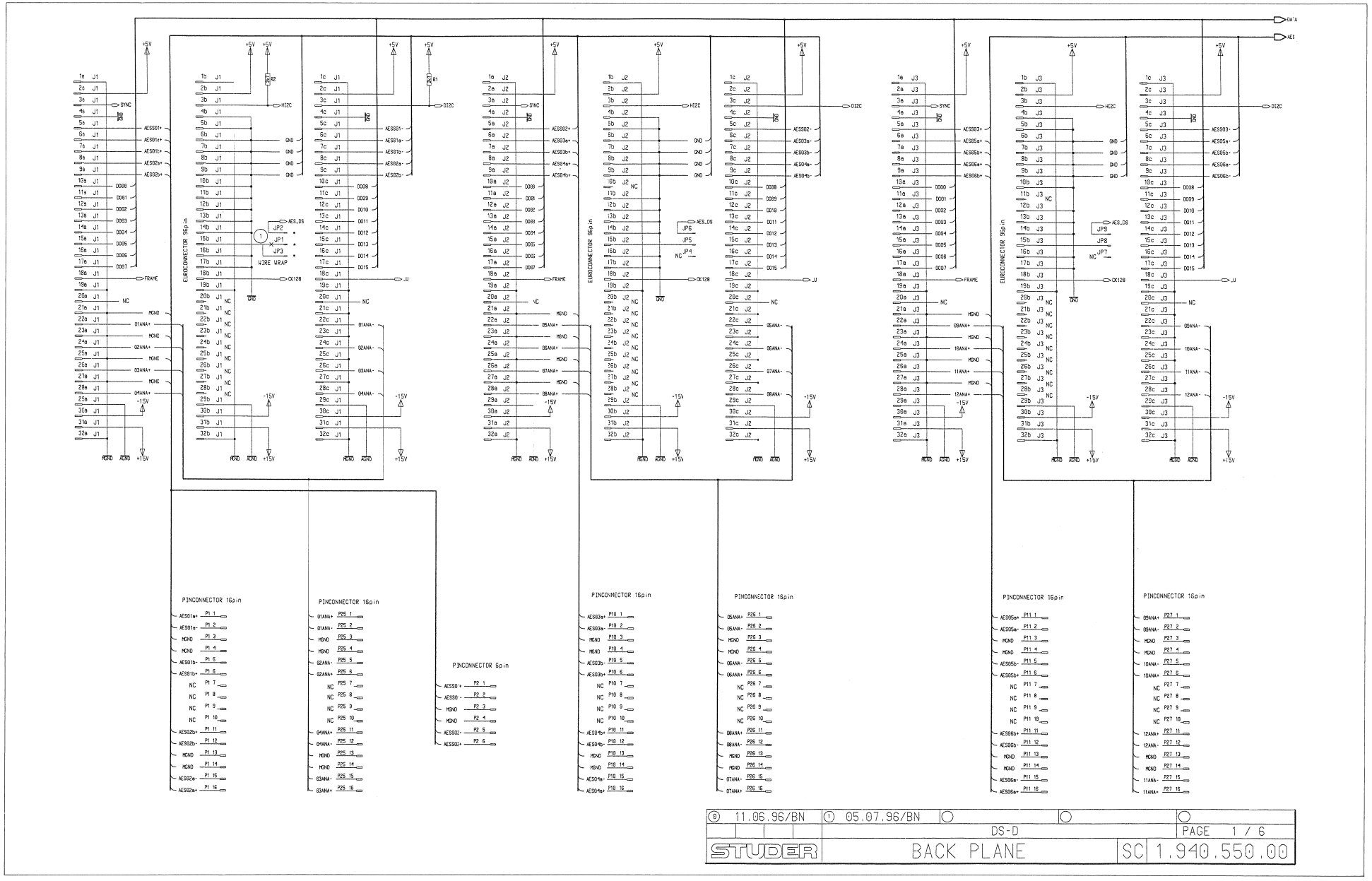
Back Plane 1.940.553

Supply Board 1.940.578

D19M Rack Bus 5/15 1.940.592.00

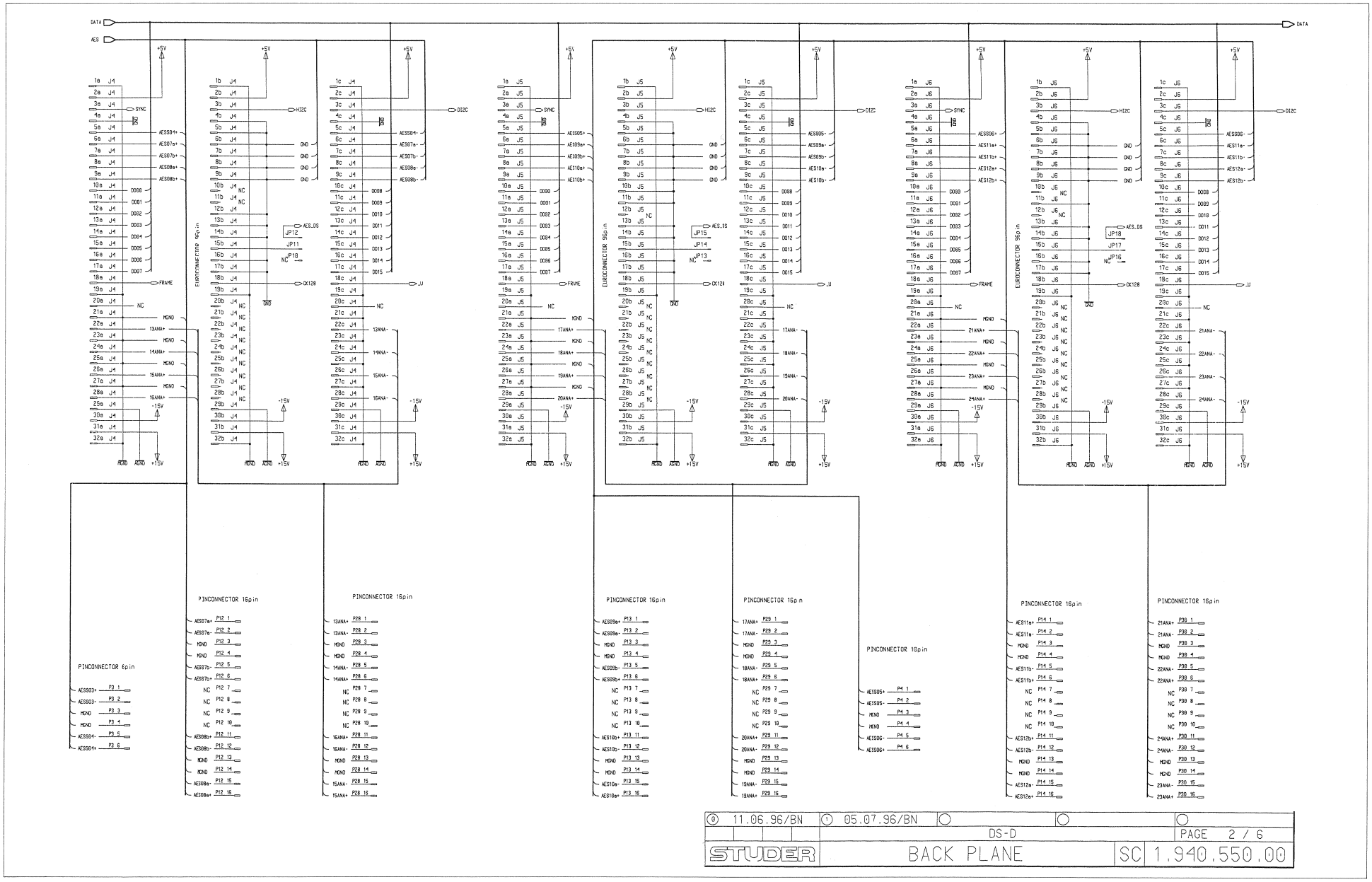


Back Plane 1.940.550.00

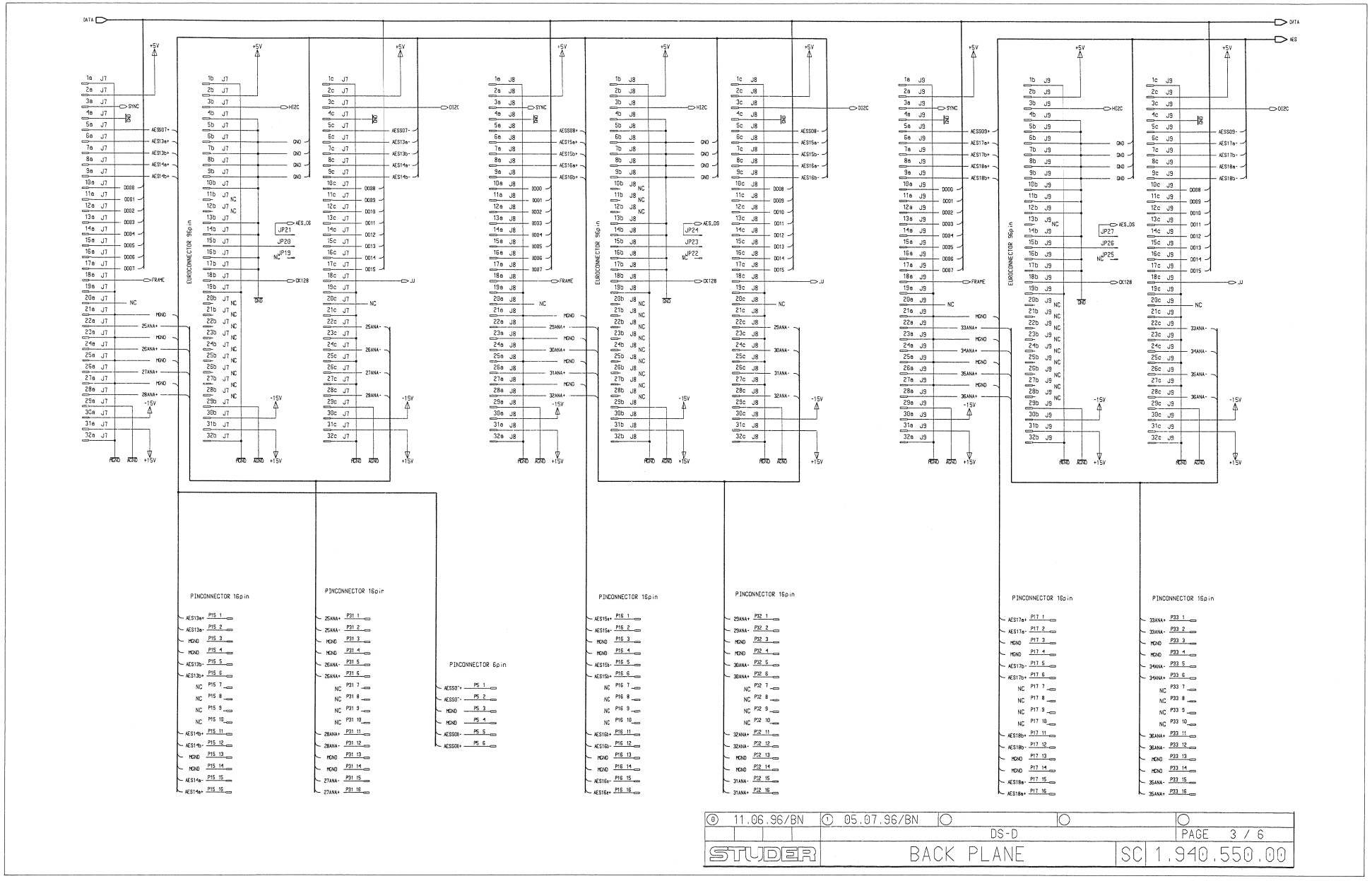


⓪ 11.06.96/BN	① 05.07.96/BN			
		DS-D		PAGE 1 / 6
STUDER	BACK PLANE		SC	1.940.550.00

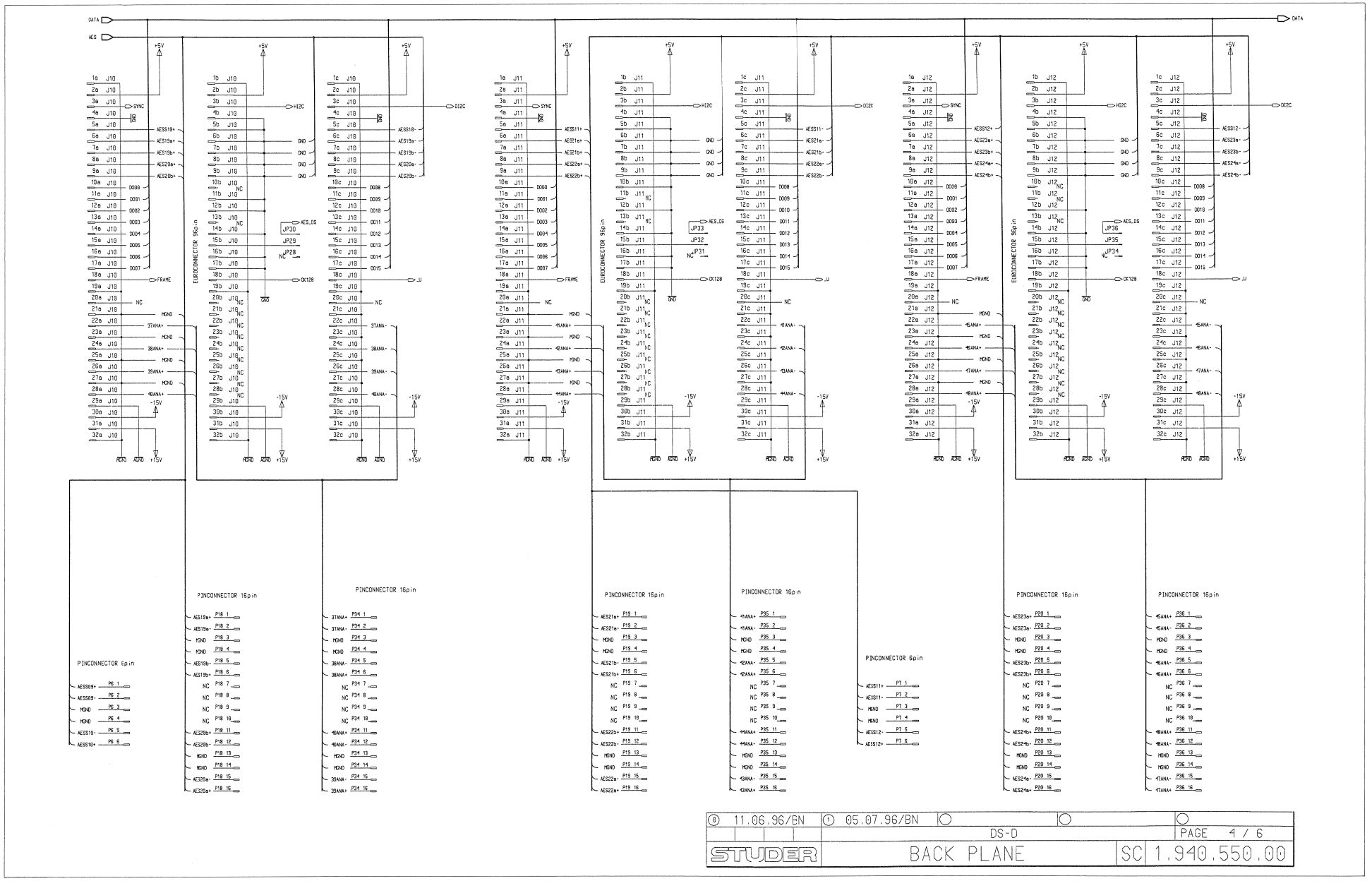
Back Plane 1.940.550.00



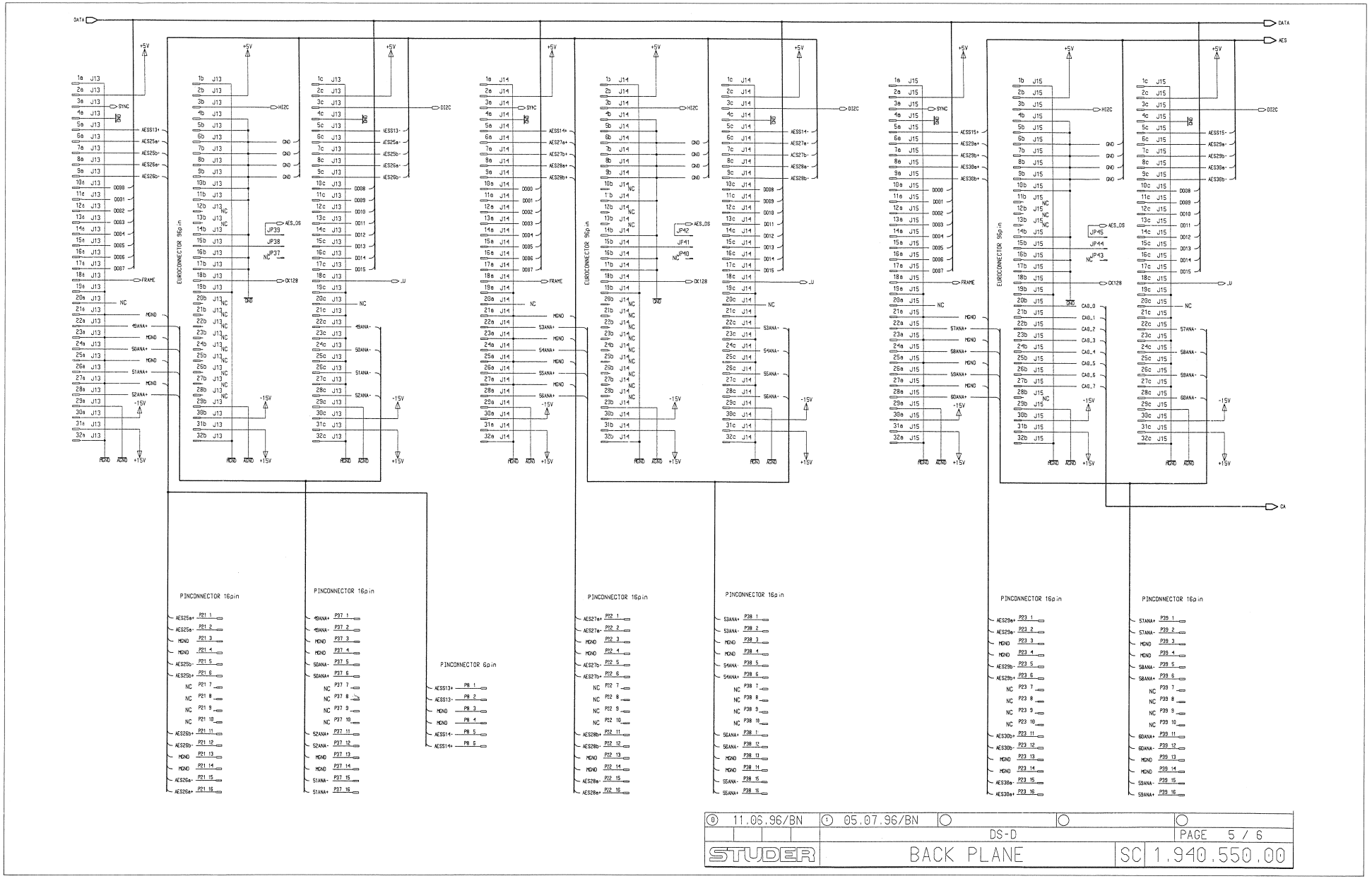
Back Plane 1.940.550.00



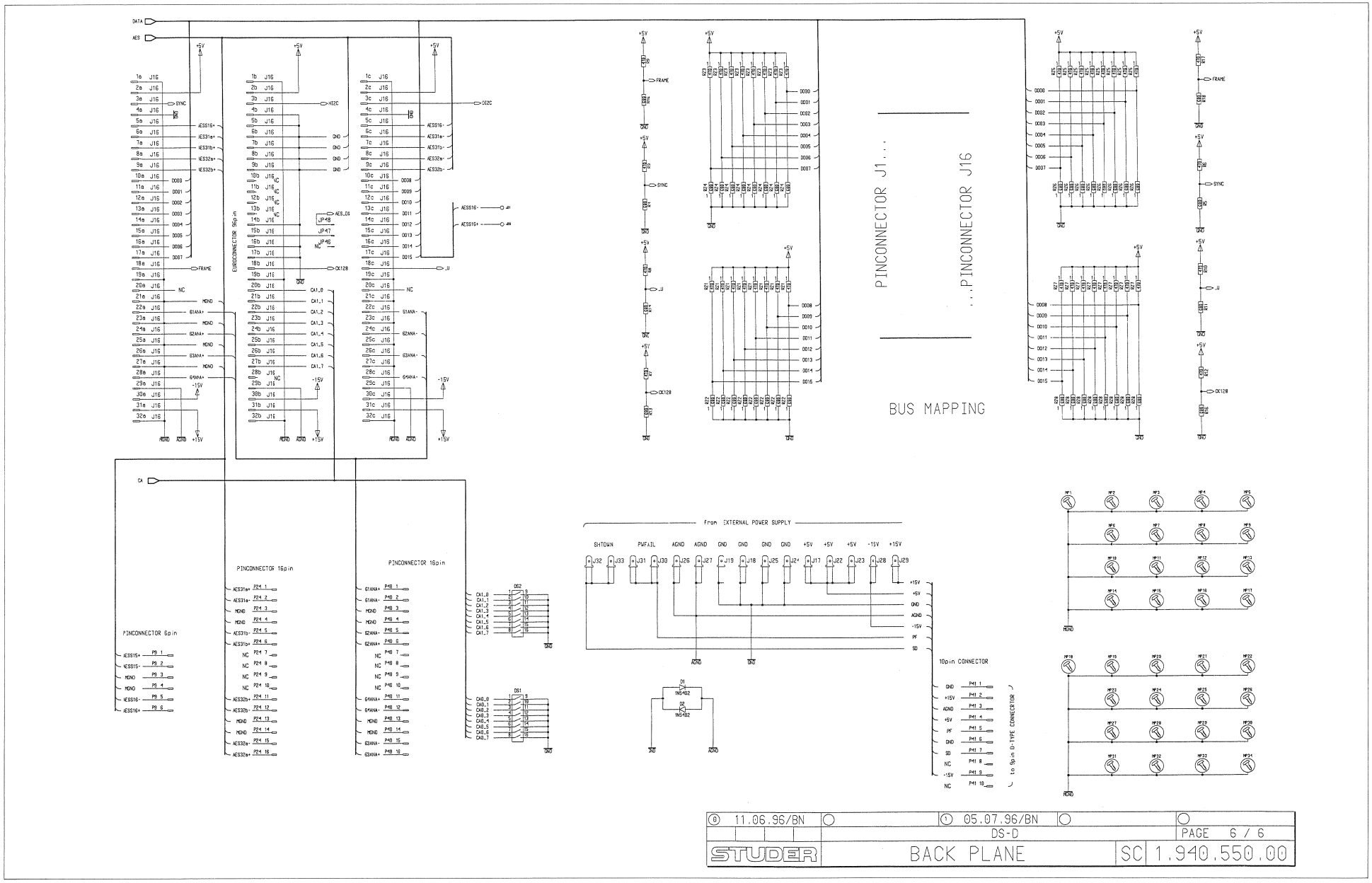
Back Plane 1.940.550.00



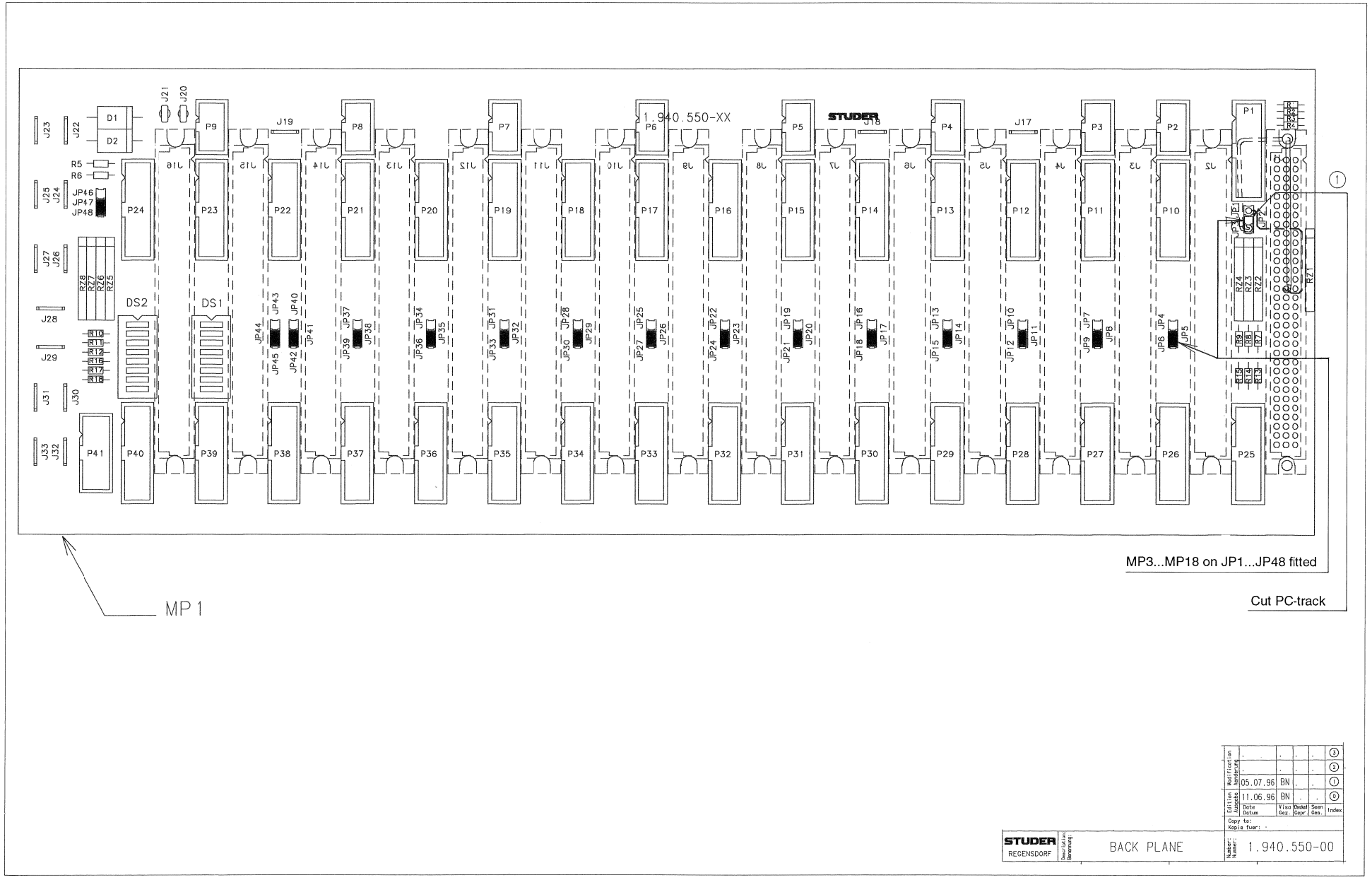
Back Plane 1.940.550.00



Back Plane 1.940.550.00



Back Plane 1.940.550.00



Back Plane 1.940.550.00

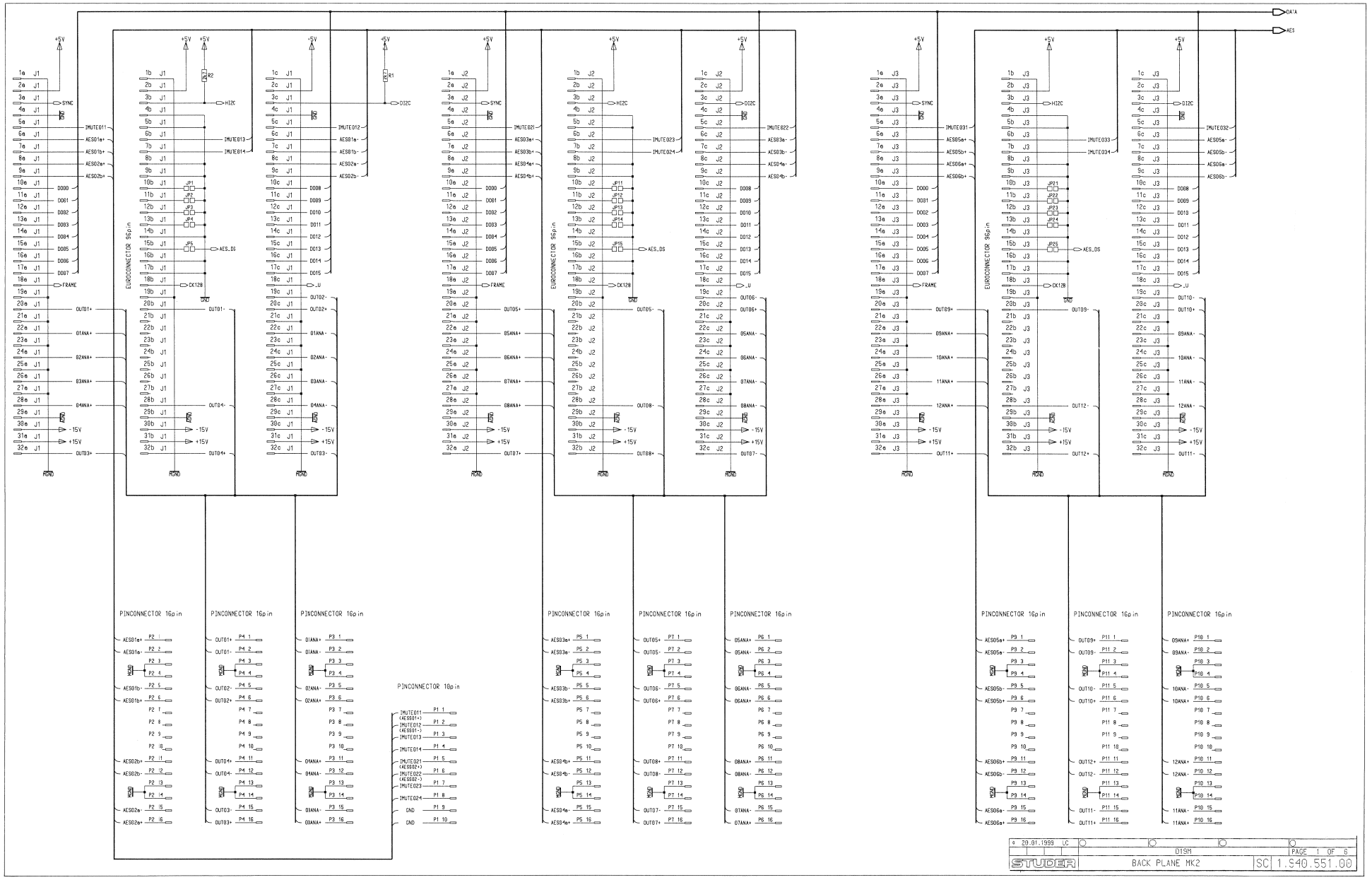
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0	DS 2	55.01.0168		8*a	SZ , 8*A, DIL
0	J 1	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 2	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 3	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 4	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 5	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 6	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 7	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
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0	J 10	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 11	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 12	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 13	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 14	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 15	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 16	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
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0	J 18	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 19	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 20	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	J 21	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	J 22	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 23	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 24	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 25	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 26	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 27	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 28	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 29	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 30	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 31	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 32	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
0	J 33	54.02.0335		1p	P FLACH, 6.3*0,8, GERADE
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0	JP 3	54.01.0020		1-P	P STIFT .63*.63, H=5.8/3.4
0	JP 4	54.01.0020		1-P	P STIFT .63*.63, H=5.8/3.4
0	JP 5	54.01.0020		1-P	P STIFT .63*.63, H=5.8/3.4
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0	MP 2	1.940.550.04			NR. ETIKETTE 5 * 20
0	MP 3	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 4	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 5	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 6	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 7	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 8	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 9	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 10	54.01.0021		Jumper	0.63 * 0.63mm
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0	MP 12	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 13	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 14	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 15	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 16	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 17	54.01.0021		Jumper	0.63 * 0.63mm
0	MP 18	54.01.0021		Jumper	0.63 * 0.63mm
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0	P 3	not used		6p	1/20" Au, gerade, ohne Verrieg
0	P 4	not used		6p	1/20" Au, gerade, ohne Verrieg
0	P 5	not used		6p	1/20" Au, gerade, ohne Verrieg
0	P 6	not used		6p	1/20" Au, gerade, ohne Verrieg
0	P 7	not used		6p	1/20" Au, gerade, ohne Verrieg
0	P 8	not used		6p	1/20" Au, gerade, ohne Verrieg
0	P 9	not used		6p	1/20" Au, gerade, ohne Verrieg
1	P 10	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 11	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 12	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 13	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 14	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 15	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 16	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 17	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
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1	P 19	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 20	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 21	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 22	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 23	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 24	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
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1	P 31	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
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1	P 39	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 40	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
1	P 41	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
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0	R 2	57.10.1272		2k7	MF, 1%, 0204
0	R 3	57.10.1471		470R	MF, 1%, 0204
0	R 4	57.10.1681		680R	MF, 1%, 0204
0	R 5	57.10.1681		680R	MF, 1%, 0204
0	R 6	57.10.1471		470R	MF, 1%, 0204
0	R 7	57.10.1471		470R	MF, 1%, 0204
0	R 8	57.10.1471		470R	MF, 1%, 0204
0	R 9	57.10.1471		470R	MF, 1%, 0204
0	R 10	57.10.1471		470R	MF, 1%, 0204
0	R 11	57.10.1681		680R	MF, 1%, 0204
0	R 12	57.10.1471		470R	MF, 1%, 0204
0	R 13	57.10.1681		680R	MF, 1%, 0204
0	R 14	57.10.1681		680R	MF, 1%, 0204
0	R 15	57.10.1681		680R	MF, 1%, 0204
0	R 16	57.10.1681		680R	MF, 1%, 0204
0	R 17	57.10.1471		470R	MF, 1%, 0204
0	R 18	57.10.1681		680R	MF, 1%, 0204
0	RZ 1	57.88.4471		470.	RZ 8 * 470 , 2%, SIP 9
0	RZ 2	57.88.4681		680.	RZ 8 * 680 , 2%, SIP 9
0	RZ 3	57.88.4471		470.	RZ 8 * 470 , 2%, SIP 9
0	RZ 4	57.88.4681		680.	RZ 8 * 680 , 2%, SIP 9
0	RZ 5	57.88.4471		470.	RZ 8 * 470 , 2%, SIP 9
0	RZ 6	57.88.4681		680.	RZ 8 * 680 , 2%, SIP 9
0	RZ 7	57.88.4471		470.	RZ 8 * 470 , 2%, SIP 9
0	RZ 8	57.88.4681		680.	RZ 8 * 680 , 2%, SIP 9

End of List

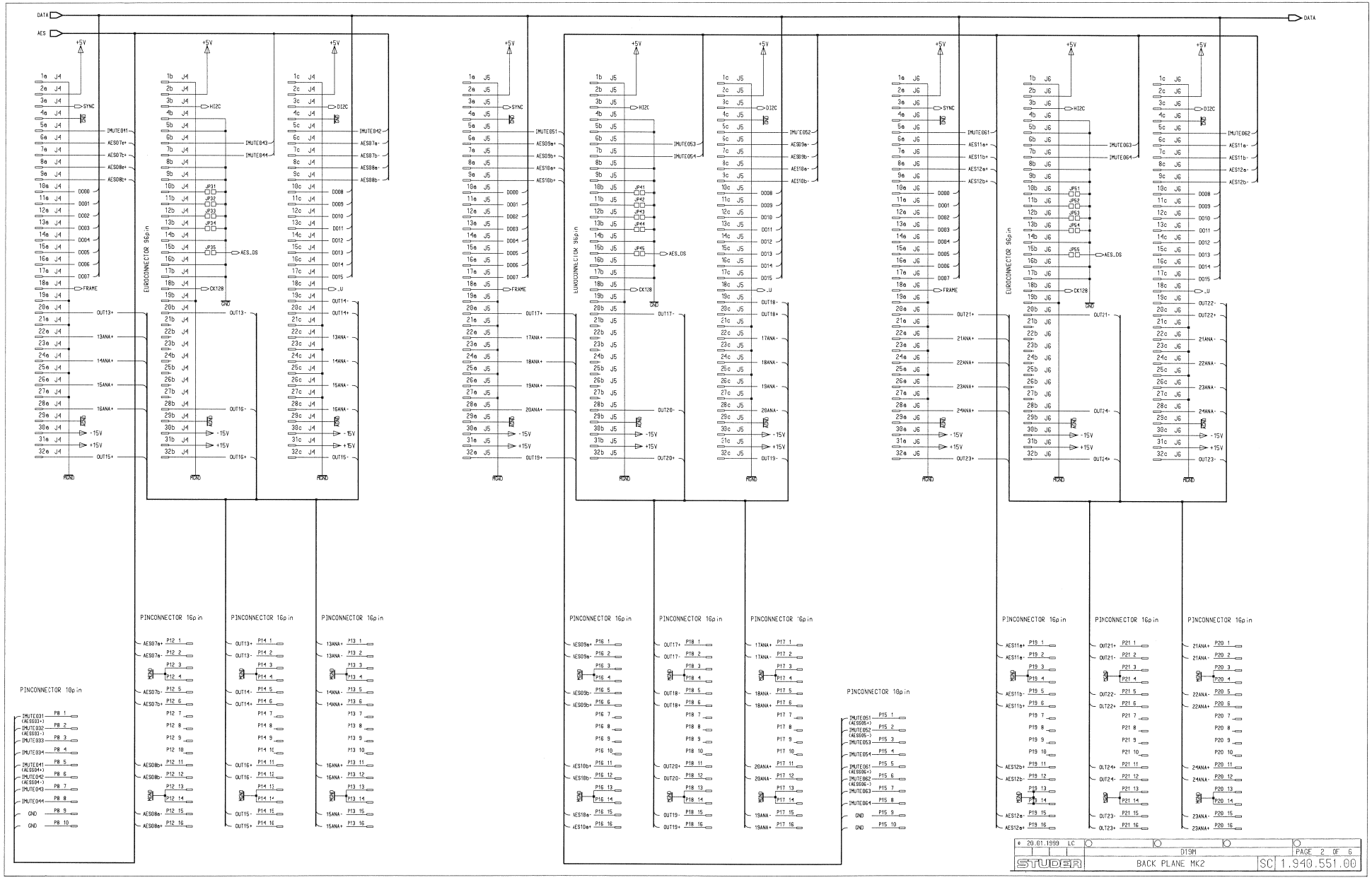
Comments

Plugs with longer solder pins requested, wire added.

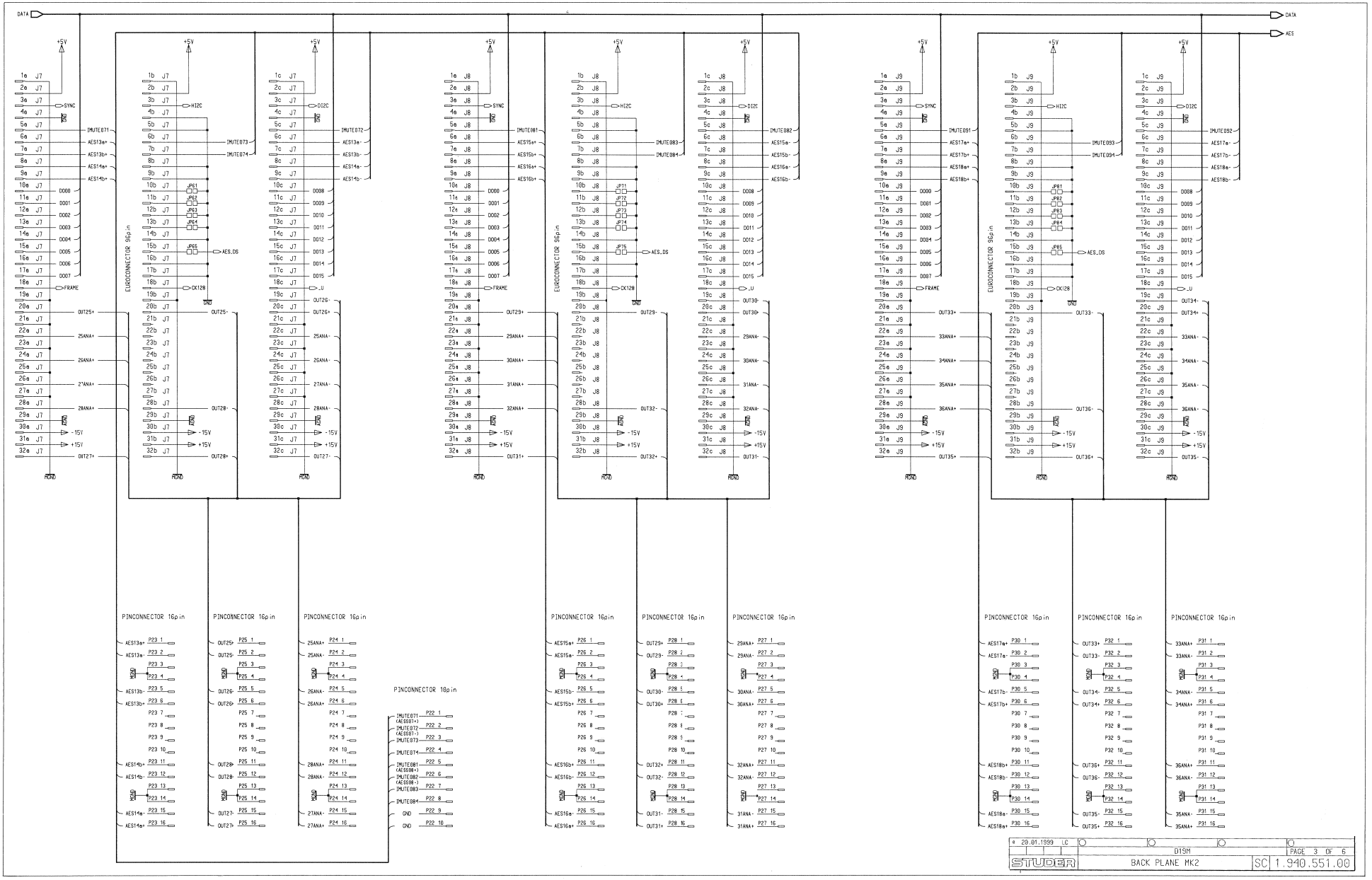
Back Plane MK2 1.940.551.00



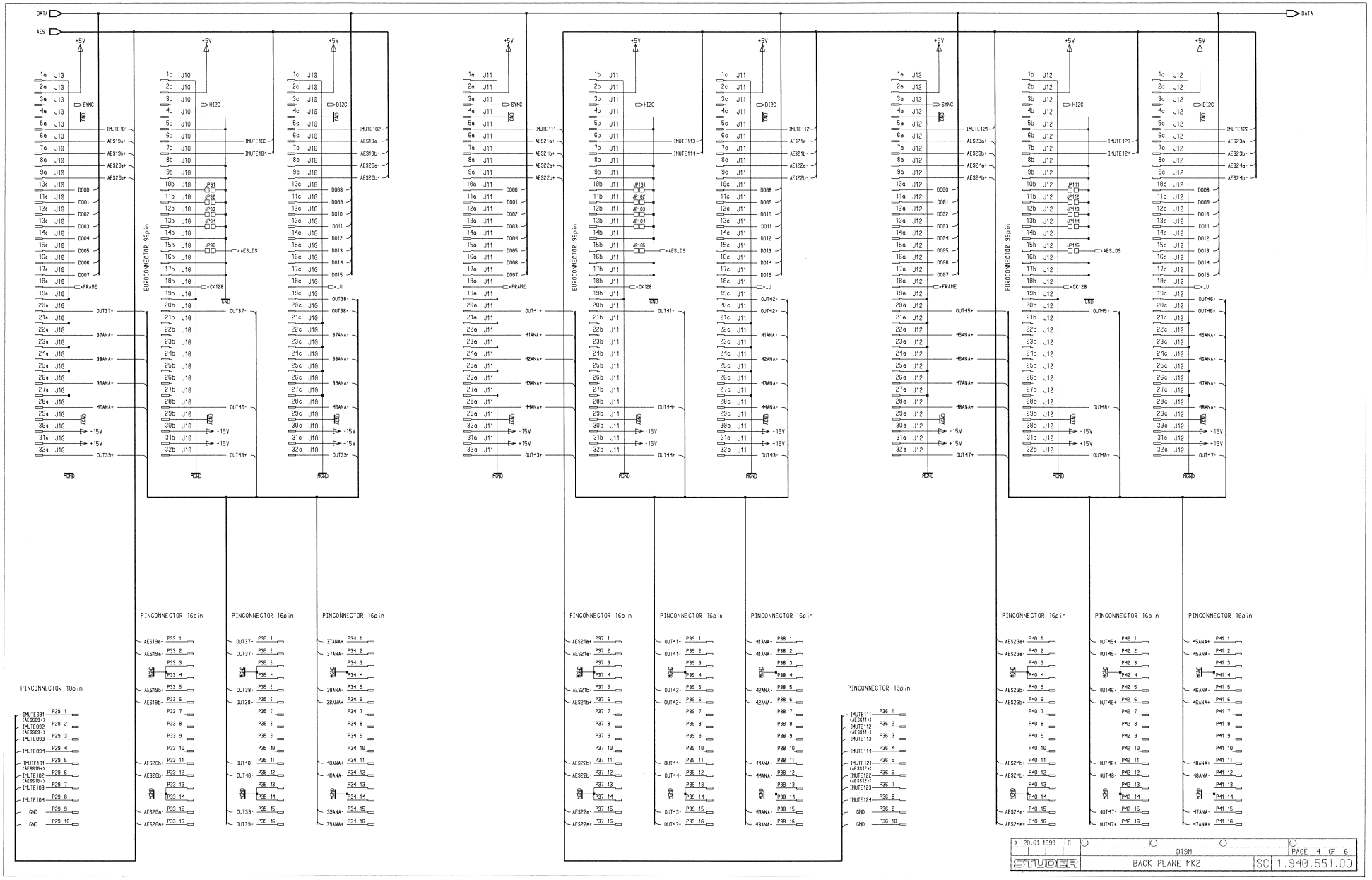
Back Plane MK2 1.940.551.00



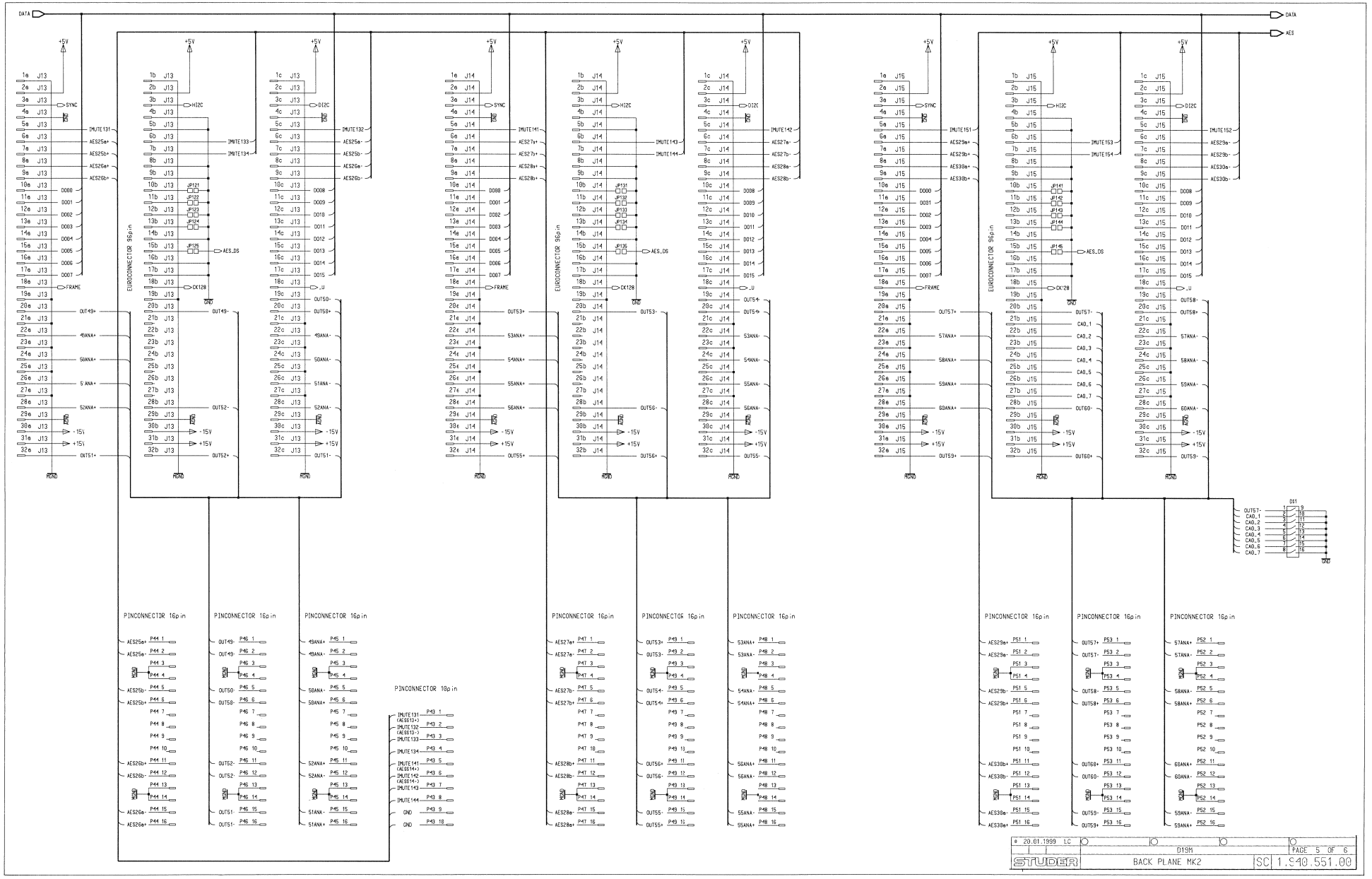
Back Plane MK2 1.940.551.00



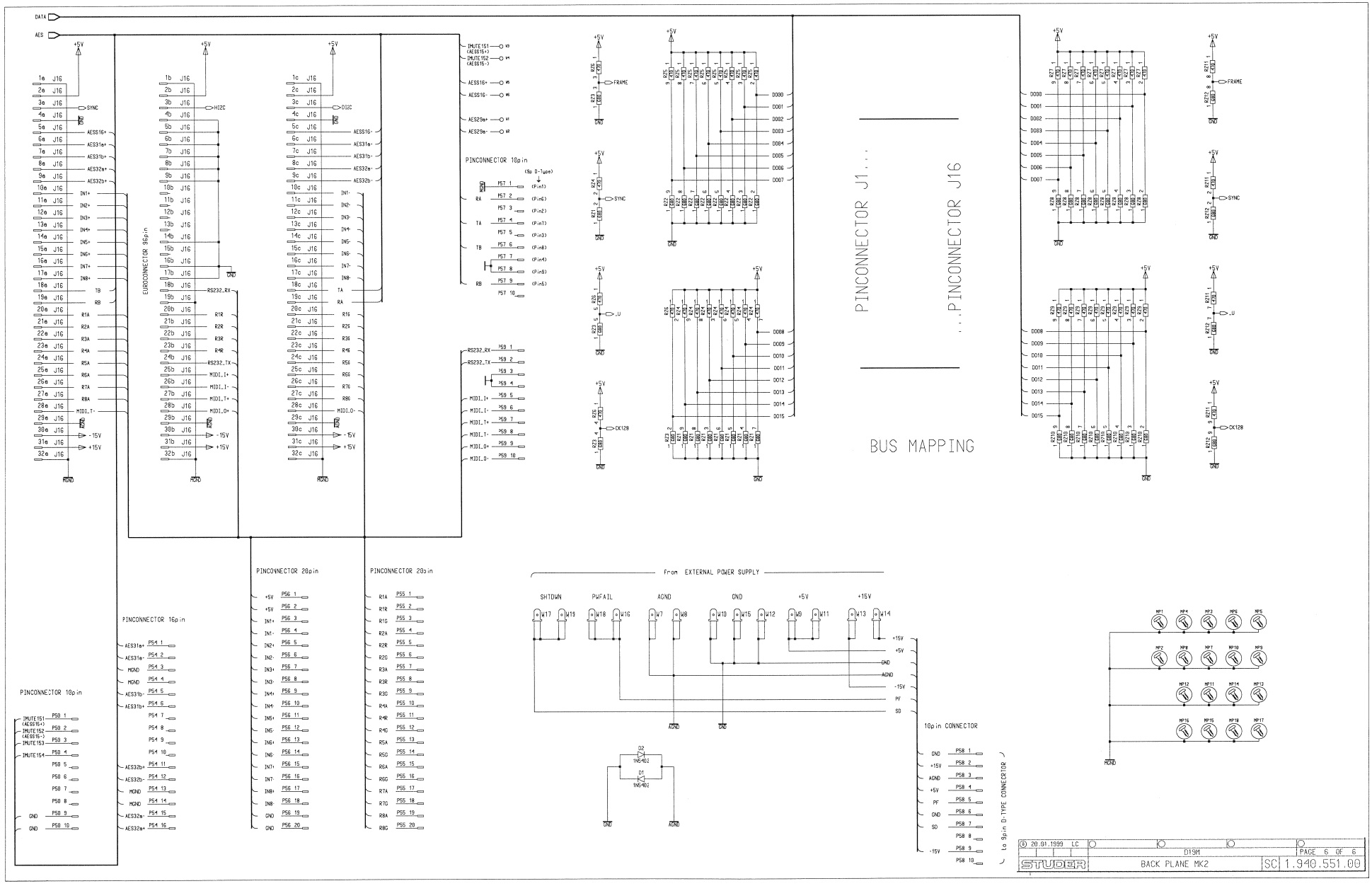
Back Plane MK2 1.940.551.00



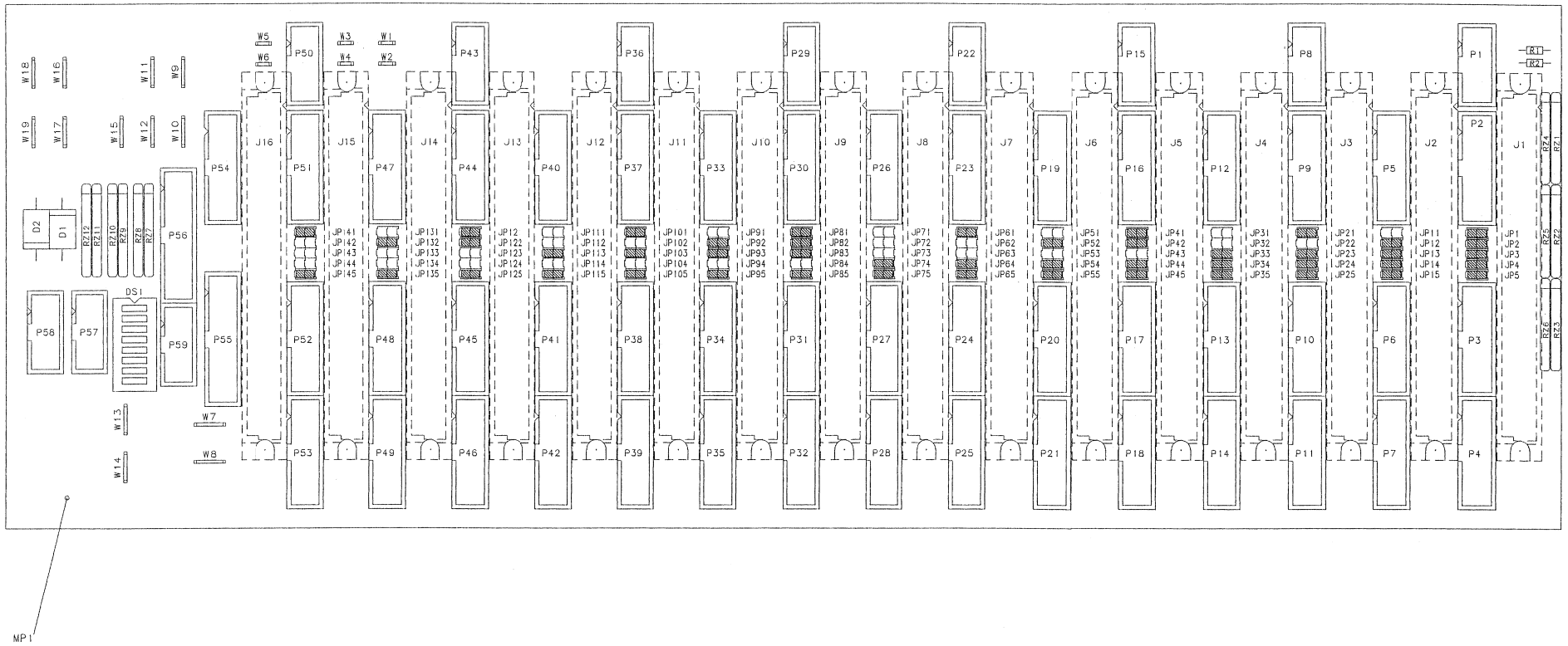
Back Plane MK2 1.940.551.00



Back Plane MK2 1.940.551.00



Back Plane MK2 1.940.551.00



Modification Aenderung					3
					2
					1
Edition Ausgabe	03.02.1999	LC			0
	Date Datum	Visa Gez.	Dsgnd Gepr.	Seen Ges.	Index

Copy to.
Kopie fuer:

STUDER REGENSDORF — Benennung Designation: BACK PLANE MK2

Number Nummer: Z 1.940.551.00

Back Plane MK2 1.940.551.00

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
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0	D 2	50.04.0507		1N5402	D 1 N 5402,
0	DS 1	55.01.0168		8*a	SZ , 8*A, DIL
0	J 1	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 2	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 3	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 4	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 5	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 6	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 7	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 8	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 9	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 10	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 11	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 12	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 13	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 14	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 15	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 16	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	JP 1	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 2	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 3	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 4	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 5	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 11	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 12	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 13	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 14	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 15	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 21	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 22	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 23	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 24	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 25	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 31	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 32	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 33	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 34	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 35	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 41	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 42	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 43	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 44	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 45	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 51	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 52	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 53	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 54	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 55	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 61	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 62	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 63	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 64	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 65	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 71	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 72	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 73	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 74	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 75	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 81	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 82	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 83	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 84	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 85	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 91	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 92	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 93	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 94	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 95	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 101	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 102	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 103	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 104	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 105	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 111	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 112	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 113	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 114	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 115	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 121	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 122	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 123	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 124	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 125	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 131	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 132	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 133	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 134	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 135	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 141	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 142	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 143	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 144	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	JP 145	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	MP 1	1.940.551.11			BACK PLANE PCB
0	MP 2	1.940.551.04			NR. ETIKETTE 5 * 20
0	MP 3	54.01.0021	47 pcs	Jumper	0.63 * 0.63mm
0	P 1	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 2	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 3	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 4	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 5	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 6	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 7	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 8	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 9	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 10	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 11	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 12	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 13	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 14	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 15	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 16	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 17	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 18	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 19	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 20	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 21	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 22	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 23	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 24	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 25	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 26	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 27	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 28	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 29	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 30	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 31	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 32	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 33	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 34	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 35	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 36	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 37	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 38	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 39	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 40	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 41	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 42	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 43	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 44	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 45	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 46	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 47	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 48	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 49	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 50	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 51	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 52	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 53	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 54	54.14.2142		16p	1/20" Au, gerade, o Verr, 4mm
0	P 55	54.14.2143		20p	1/20" Au, gerade, o Verr, 4mm
0	P 56	54.14.2143		20p	1/20" Au, gerade, o Verr, 4mm
0	P 57	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 58	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	P 59	54.14.2141		10p	1/20" Au, gerade, o Verr, 4mm
0	R 1	57.10.1272		2k7	MF, 1%, 0204
0	R 2	57.10.1272		2k7	MF, 1%, 0204
0	RZ 1	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 2	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 3	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 4	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 5	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 6	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 7	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 8	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 9	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 10	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 11	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 12	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	W 1	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 2	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 3	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 4	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 5	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 6	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 7	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 8	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 9	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 10	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 11	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 12	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 13	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 14	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 15	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 16	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 17	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 18	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 19	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade

End of List

Comments

POWER SUPPLY UNITS

General For the power supply of the D19m frames, standard 19" units with power factor correction are used, equipped with a Studer front panel (earlier version: see next page).

Studer Part No.	Description
1.940.606.00	Power Supply 5 V/16 A
1.940.607.00	Power Supply ±15 V/3.5 A

Important As the power supply units are safety-relevant parts, they may be serviced only by authorized personnel using original spare parts.
For replacement or repair, contact your nearest Studer representative.

Specifications

Mains Voltage 88...264 V

Mains Frequency 45...65 Hz

Efficiency > 77%

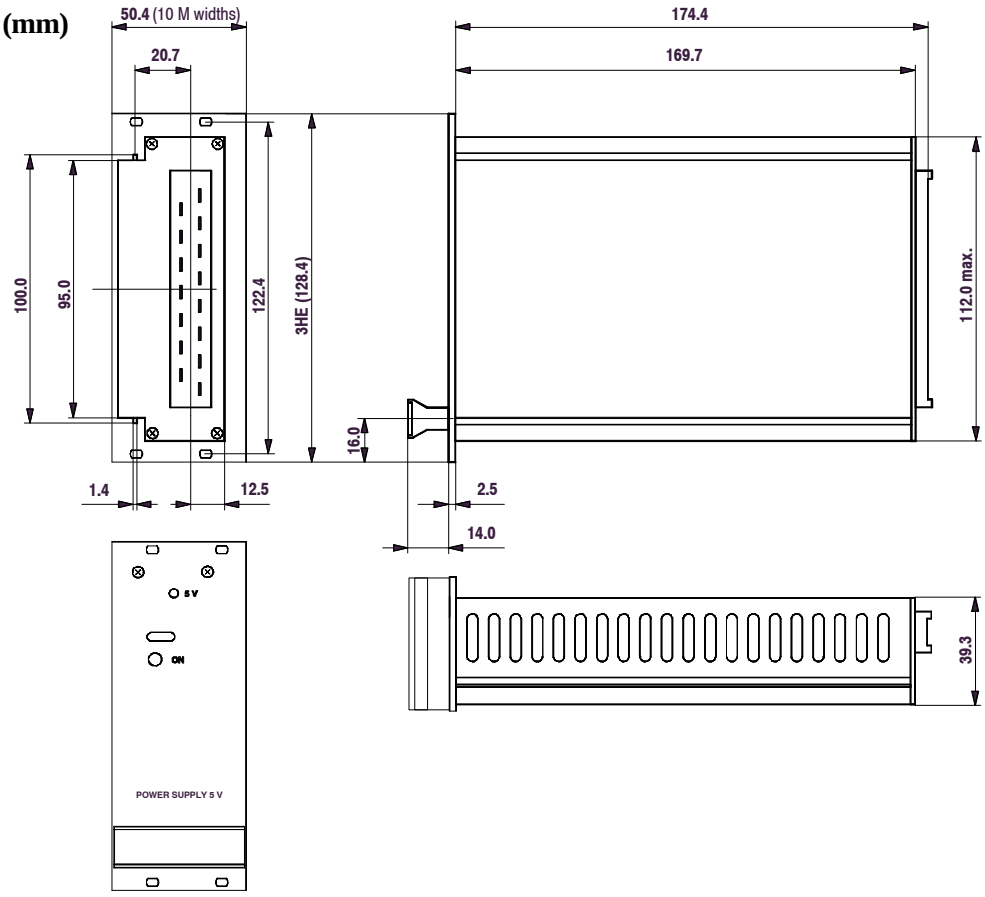
Output Power 100 W total

Output(s) Short-circuit protected, main output(s) overload protected (110%)

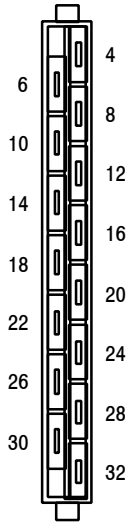
Power Down (Logic Inhibit) Control input, 4...15 V_{DC}, max. 15 mA, active high

Power Fail Output, open collector, active high (max. 30 V/1 mA)

Dimensions (mm)



Pin Assignment



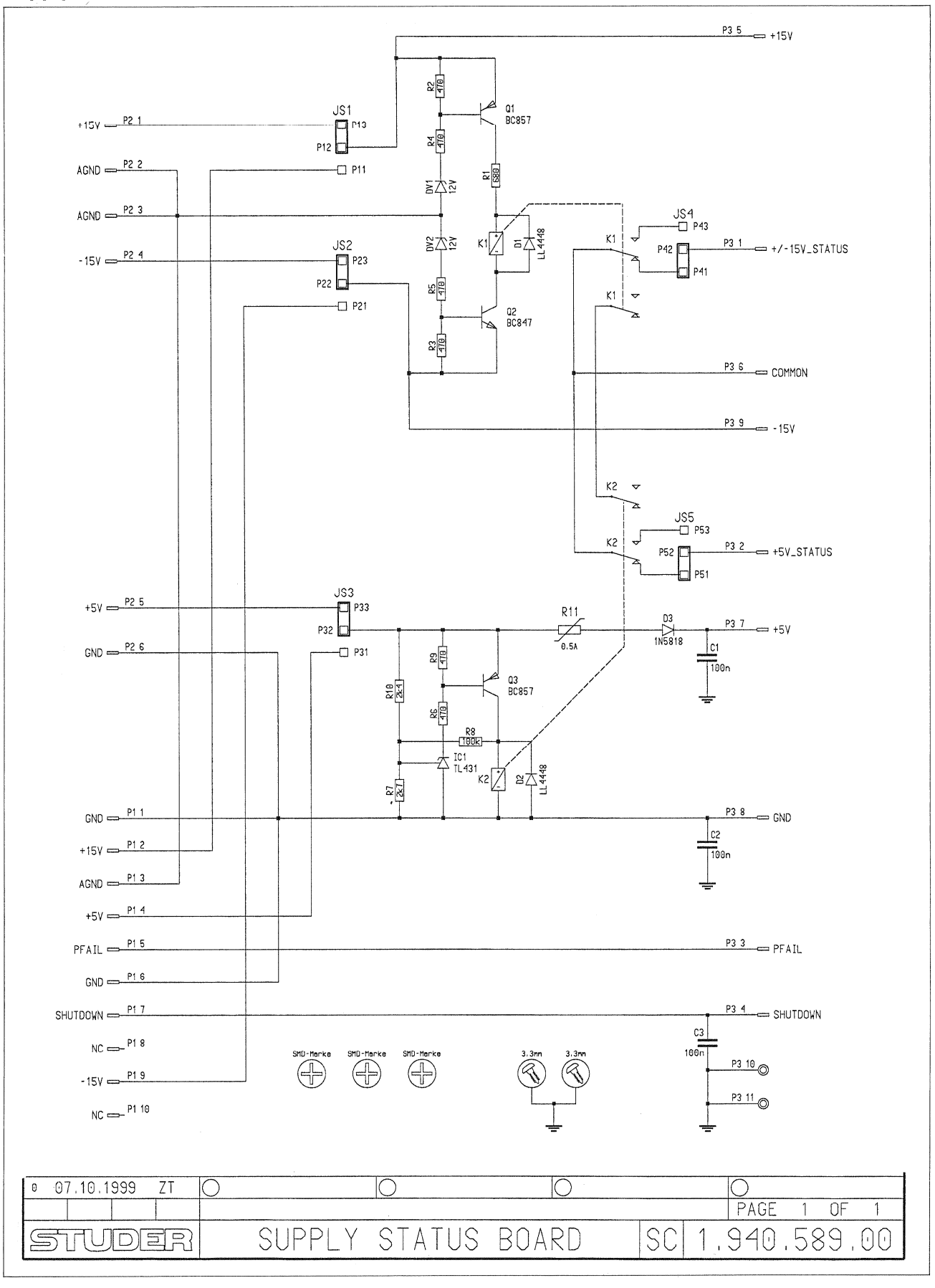
Pin	Single Output (1.940.606.00)	Dual Output (1.940.607.00)
4	+5 V	n.c.
6	GND	n.c.
8	Sense GND	n.c.
10	Sense +	n.c.
12	+5 V	+15 V
14	GND	GND
16	n.c.	GND
18	n.c.	–15 V
20	Logic inhibit	Logic inhibit
22	Common	Common
24	Power fail	Power fail
26	n.c.	n.c.
28	AC live	AC live
30	AC neutral	AC neutral
32	AC Protective Earth	AC Protective Earth

Connections

Current Version: The current versions of the 3U frames use one *power supply unit* 1.940.606 (+5 V) and 1.940.607 (±15 V) each, together with one of the *Supply Boards* 1.940.410 (single frame), 1.940.411 (frame with redundant supply output), or 1.940.412 (frame with redundant supply input).

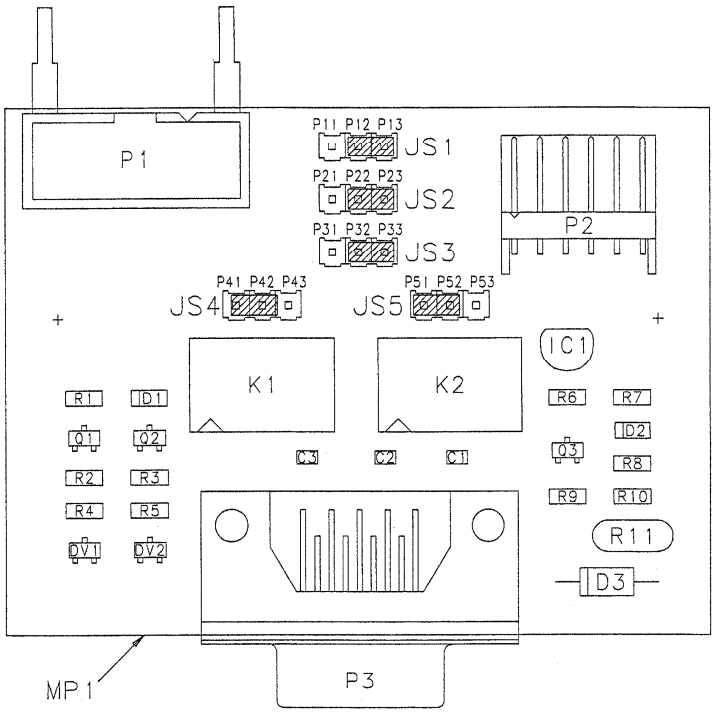
Earlier Version: In earlier versions of the 3U frames, one *power supply unit* 1.940.601 (+5 V) and 1.940.602 (±15 V) each was used. For connection, a *Supply Status Board* (1.940.589 or 1.940.593) was used, together with one *Power Distributor +5/24 V w. Diode PCB* (1.940.624), and one *Power Distributor ±15 V w. Diode PCB* (1.940.623).

Supply Status Board 1.940.589.00



0 07.10.1999 ZT					
					PAGE 1 OF 1
STUDER	SUPPLY STATUS BOARD			SC	1.940.589.00

Supply Status Board 1.940.589.00



Modification Aenderung					
	.	.	.	.	3
	.	.	.	.	2
	.	.	.	.	1
Edition Ausgabe	07.10.1999	ZT			0
	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index

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Number: Nummer: 1.940.589.00

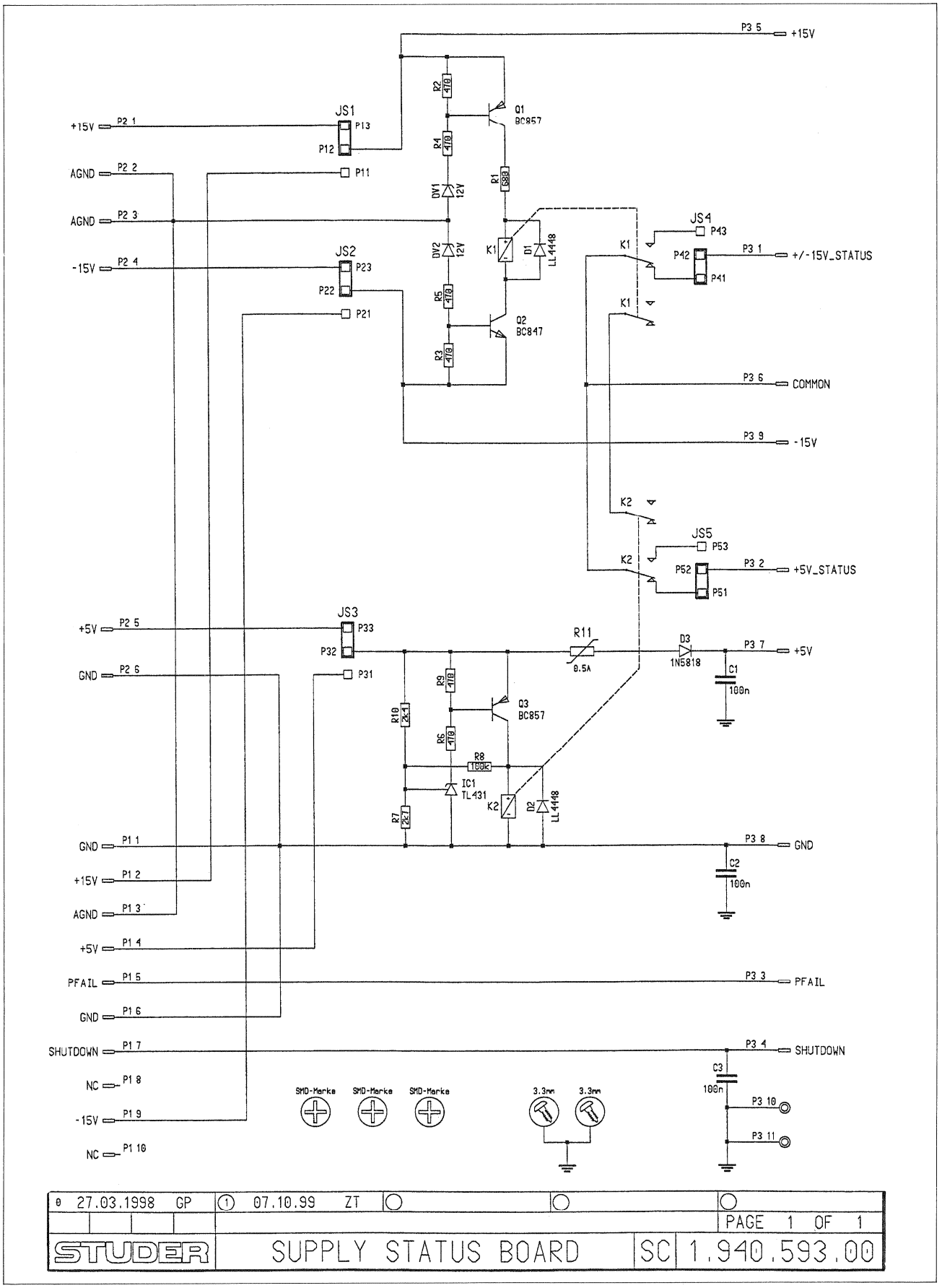
Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 3	50.04.0512		1N5818	D 1N 5818, 1N 5819,
0	DV 1	50.60.9019		12V	5%, 0.2W, SOT 23
0	DV 2	50.60.9019		12V	5%, 0.2W, SOT 23
0	IC 1	50.10.0106		TL431	Shunt regulator
0	JS 1	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 2	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 3	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 4	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 5	54.01.0021		Jumper	0.63 * 0.63mm
0	K 1	56.04.0197		2u	24V 125V 2A Ag/Au
0	K 2	56.04.0198		2u	5V 125V 2A Ag/Au
0	MP 1	1.940.589.11	mp		SUPPLY STATUS PCB
0	MP 2	1.940.589.10	mp		Nr.-Etikette 5 * 20
0	MP 3	43.01.0108	mp	Label	ESE-WARNSCHILD
0	P 1	54.14.2101		10p	P STECKER 10 P,AU,VR,GERADE
0	P 2	54.12.0726		6p	Stecker winkel PCB
0	P 3	54.13.0071		9p	D-Sub, PCB, Winkel
0	P 11	54.01.0020		1p	Pin 0.63*0.63
0	P 12	54.01.0020		1p	Pin 0.63*0.63
0	P 13	54.01.0020		1p	Pin 0.63*0.63
0	P 21	54.01.0020		1p	Pin 0.63*0.63
0	P 22	54.01.0020		1p	Pin 0.63*0.63
0	P 23	54.01.0020		1p	Pin 0.63*0.63
0	P 31	54.01.0020		1p	Pin 0.63*0.63
0	P 32	54.01.0020		1p	Pin 0.63*0.63
0	P 33	54.01.0020		1p	Pin 0.63*0.63
0	P 41	54.01.0020		1p	Pin 0.63*0.63
0	P 42	54.01.0020		1p	Pin 0.63*0.63
0	P 43	54.01.0020		1p	Pin 0.63*0.63
0	P 51	54.01.0020		1p	Pin 0.63*0.63
0	P 52	54.01.0020		1p	Pin 0.63*0.63
0	P 53	54.01.0020		1p	Pin 0.63*0.63
0	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 3	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	R 1	57.60.1681		680R	MF, 1%, 0204, E24

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 2	57.60.1471		470R	MF, 1%, 0204, E24
0	R 3	57.60.1471		470R	MF, 1%, 0204, E24
0	R 4	57.60.1471		470R	MF, 1%, 0204, E24
0	R 5	57.60.1471		470R	MF, 1%, 0204, E24
0	R 6	57.60.1471		470R	MF, 1%, 0204, E24
0	R 7	57.60.1272		2K7	MF, 1%, 0204, E24
0	R 8	57.60.1104		100K	MF, 1%, 0204, E24
0	R 9	57.60.1471		470R	MF, 1%, 0204, E24
0	R 10	57.60.1242		2K4	MF, 1%, 0204, E24
0	R 11	57.92.7013		0.5A	PTC 60V

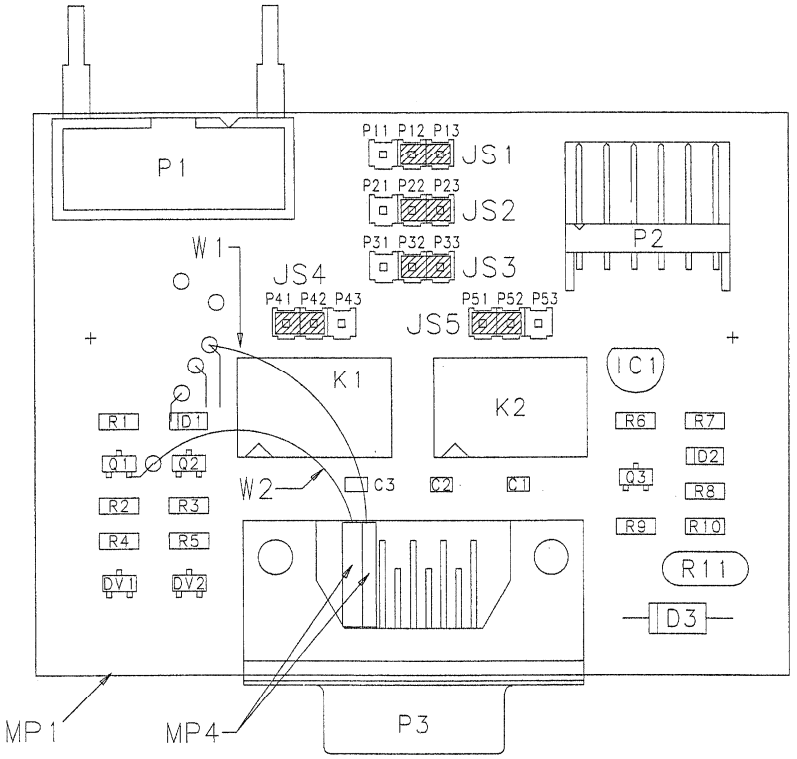
End of List

Comments

Supply Status Board 1.940.593.00



Supply Status Board 1.940.593.00



Modification Aenderung					
	.	.	.	.	3
	.	.	.	.	2
	07.10.1999	ZT			1
Edition Ausgabe	27.03.1998	GP			0
	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index

Copy to:
Kopie fuer:

Number: Nummer: 1.940.593.00

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 3	50.04.0512		1N5818	D 1N 5818, 1N 5819,
0	DV 1	50.60.9019		12V	5%, 0.2W, SOT 23
0	DV 2	50.60.9019		12V	5%, 0.2W, SOT 23
0	IC 1	50.10.0106		TL431	Shunt regulator
0	JS 1	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 2	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 3	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 4	54.01.0021		Jumper	0.63 * 0.63mm
0	JS 5	54.01.0021		Jumper	0.63 * 0.63mm
0	K 1	56.04.0197		2u	24V 125V 2A Ag/Au
0	K 2	56.04.0198		2u	5V 125V 2A Ag/Au
0	MP 1	1.940.593.11	mp		SUPPLY STATUS PCB
0	MP 2	1.940.593.04	mp		Nr.-Etikette 5 * 20
0	MP 3	43.01.0108	mp	Label	ESE-WARNSCHILD
1	MP 4	1.010.107.65	2 pcs	2.4*10	Schrumpf-Schlauch bl
1	MP 5	43.10.0110		A	Revisions-Etikette 5mm h'blau
0	P 1	54.14.2101		10p	P STECKER 10 P.AU.VR.GERADE
0	P 2	54.12.0726		6p	Stecker winkel PCB
0	P 3	54.13.0071		9p	D-Sub, PCB, Winkel
0	P 11	54.01.0020		1p	Pin 0.63*0.63
0	P 12	54.01.0020		1p	Pin 0.63*0.63
0	P 13	54.01.0020		1p	Pin 0.63*0.63
0	P 21	54.01.0020		1p	Pin 0.63*0.63
0	P 22	54.01.0020		1p	Pin 0.63*0.63
0	P 23	54.01.0020		1p	Pin 0.63*0.63
0	P 31	54.01.0020		1p	Pin 0.63*0.63
0	P 32	54.01.0020		1p	Pin 0.63*0.63
0	P 33	54.01.0020		1p	Pin 0.63*0.63
0	P 41	54.01.0020		1p	Pin 0.63*0.63
0	P 42	54.01.0020		1p	Pin 0.63*0.63
0	P 43	54.01.0020		1p	Pin 0.63*0.63
0	P 51	54.01.0020		1p	Pin 0.63*0.63
0	P 52	54.01.0020		1p	Pin 0.63*0.63
0	P 53	54.01.0020		1p	Pin 0.63*0.63
0	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 3	50.60.1001		BC857B	PNP 45V 100mA SOT 23

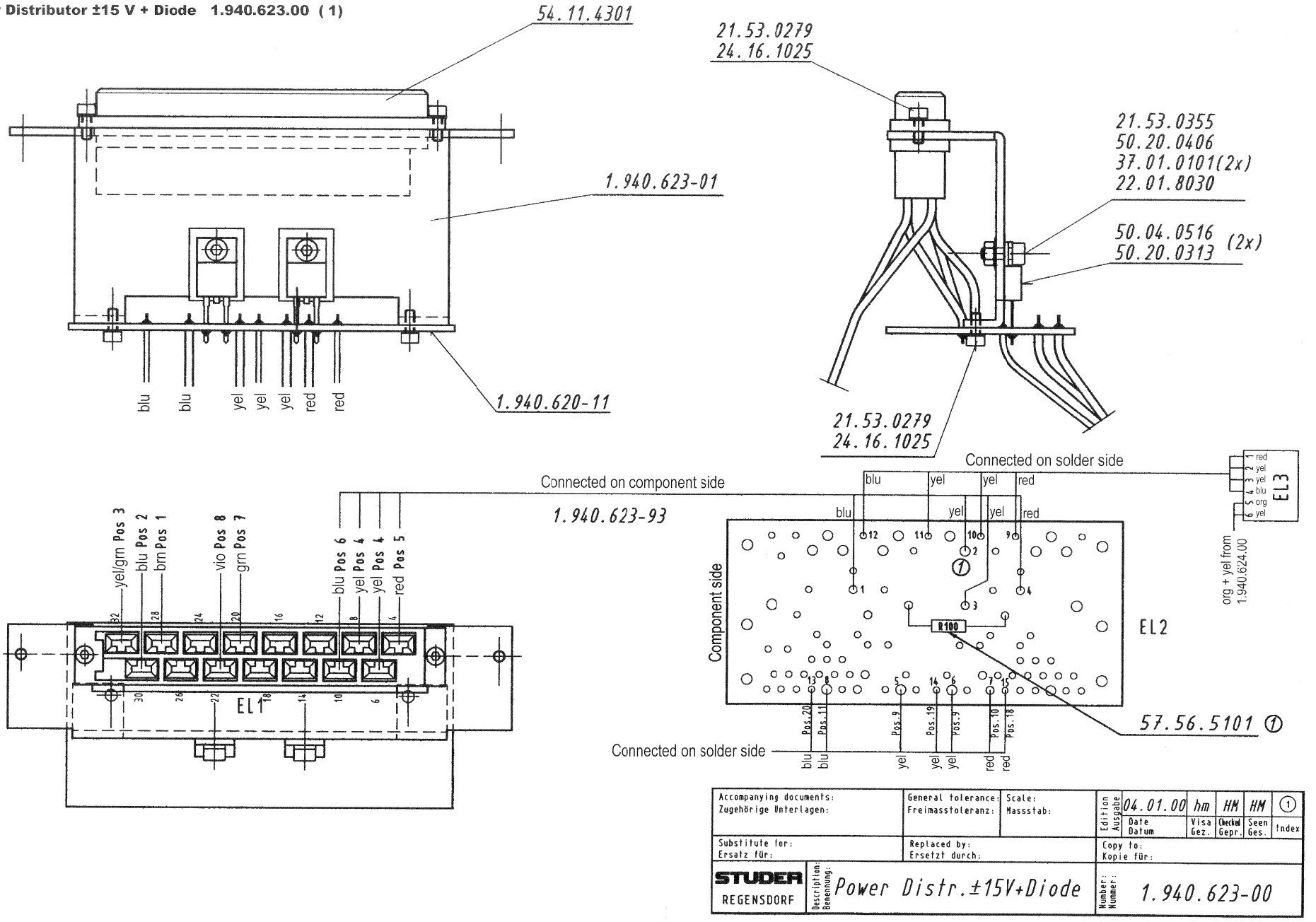
Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 1	57.60.1681		680R	MF, 1%, 0204, E24
0	R 2	57.60.1471		470R	MF, 1%, 0204, E24
0	R 3	57.60.1471		470R	MF, 1%, 0204, E24
0	R 4	57.60.1471		470R	MF, 1%, 0204, E24
0	R 5	57.60.1471		470R	MF, 1%, 0204, E24
0	R 6	57.60.1471		470R	MF, 1%, 0204, E24
0	R 7	57.60.1272		2K7	MF, 1%, 0204, E24
0	R 8	57.60.1104		100K	MF, 1%, 0204, E24
0	R 9	57.60.1471		470R	MF, 1%, 0204, E24
0	R 10	57.60.1242		2K4	MF, 1%, 0204, E24
0	R 11	57.92.7013		0.5A	PTC 60V
1	W 1	1.169.200.70			LITZE SW 70MM
1	W 2	1.169.200.70			LITZE SW 70MM

End of List

Comments

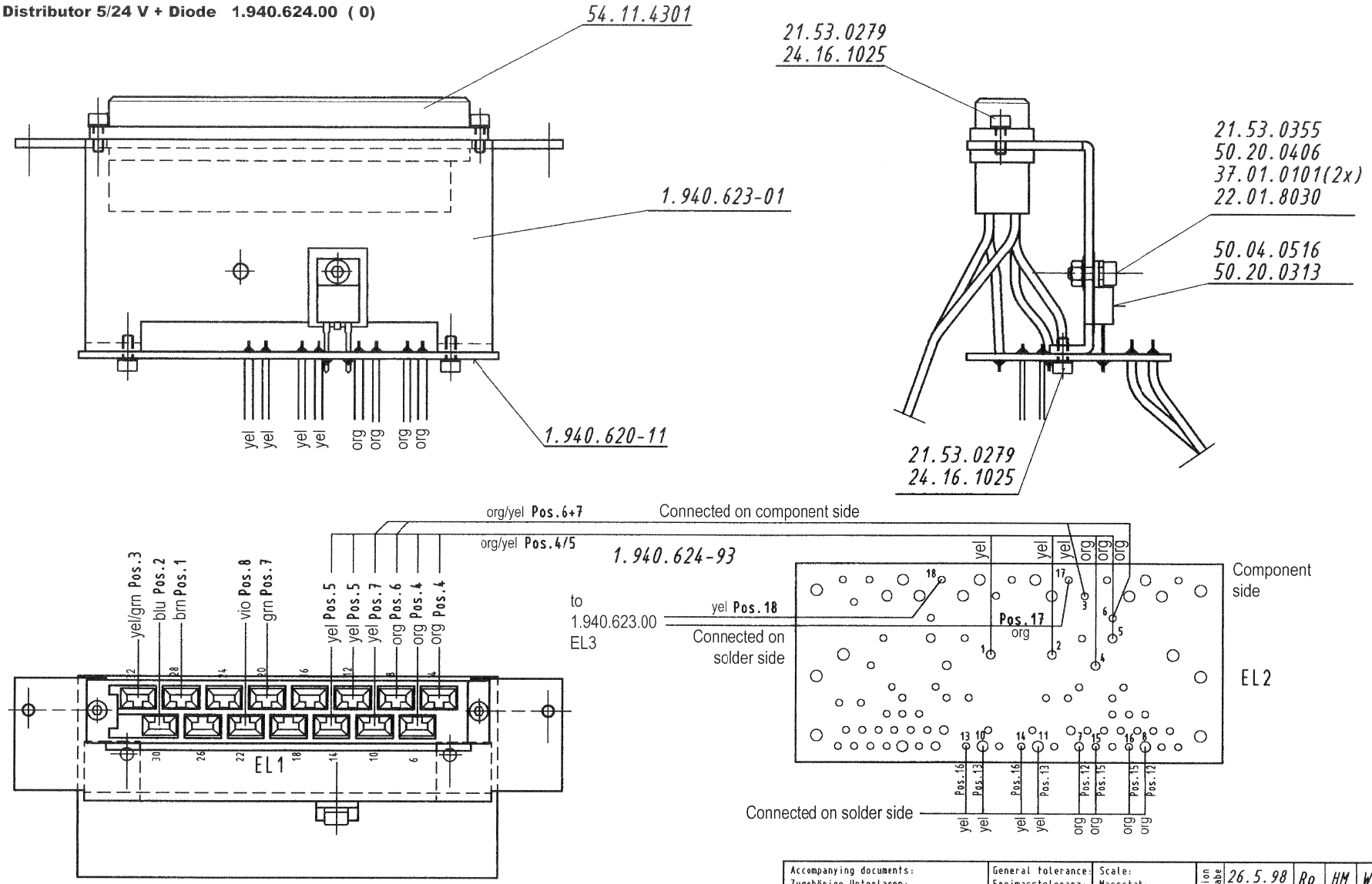
(Idx1) Additional: MP4,MP5,W1,W2

Power Distributor ±15 V + Diode 1.940.623.00 (1)



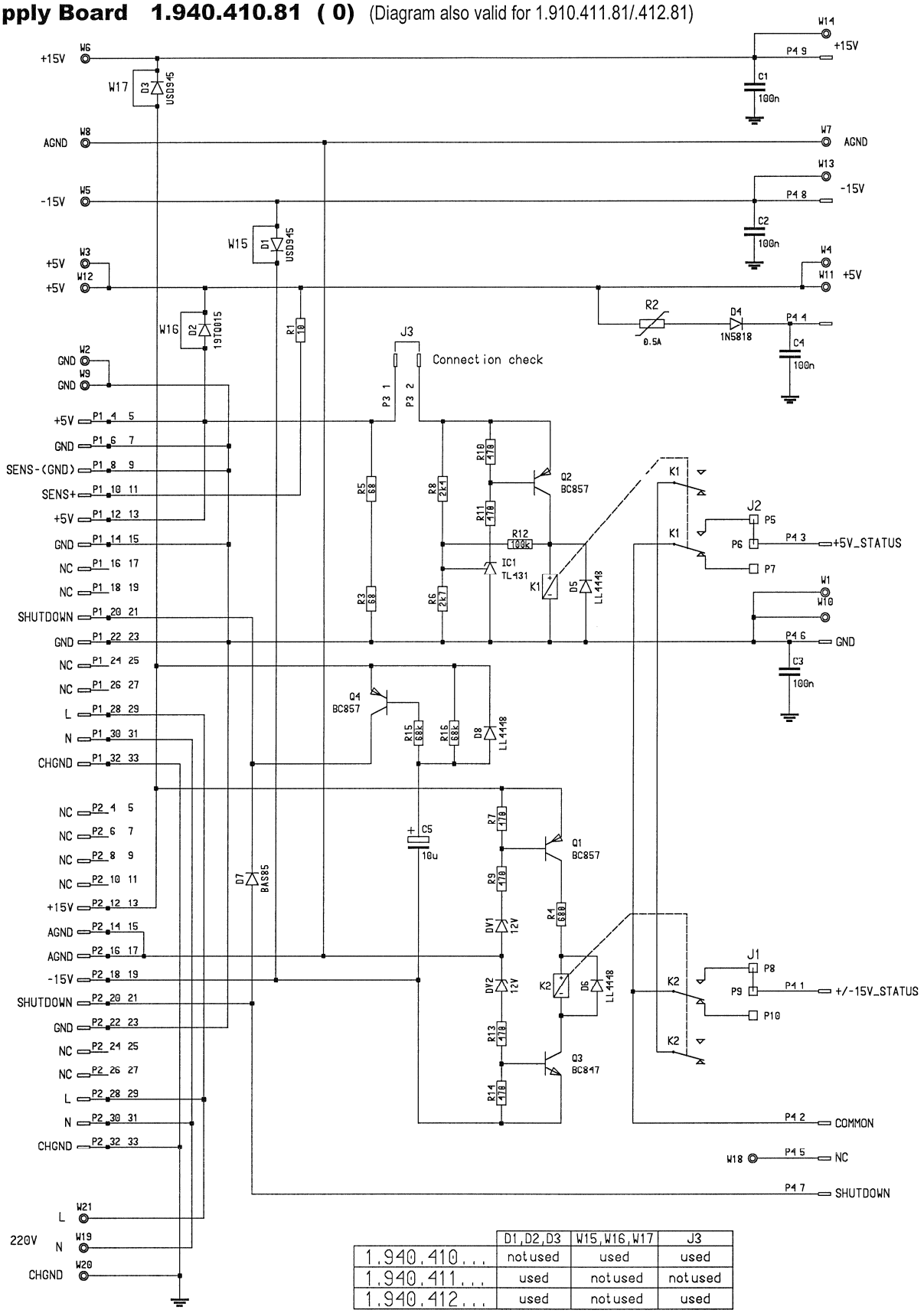
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			Date Datum		Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz für:	Replaced by: Ersetzt durch:		Copy to: Kopie für:					
STUDER REGENSDORF	Description: Benennung: Power Distr. ±15V+Diode		Number: Nummer: 1.940.623-00					

Power Distributor 5/24 V + Diode 1.940.624.00 (0)



Accompanying documents: Zugehörige Unterlagen:	General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition Ausgabe	26.5.98	Ro	HM	WE	0
			Date Datum		Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz für:	Replaced by: Ersetzt durch:		Copy to: Kopie für:					
STUDER REGENSDORF	Description: Benennung: Power.Distr.5/24V +Diode		Number: Nummer: 1.940.624-00					

Supply Board 1.940.410.81 (0) (Diagram also valid for 1.910.411.81/.412.81)

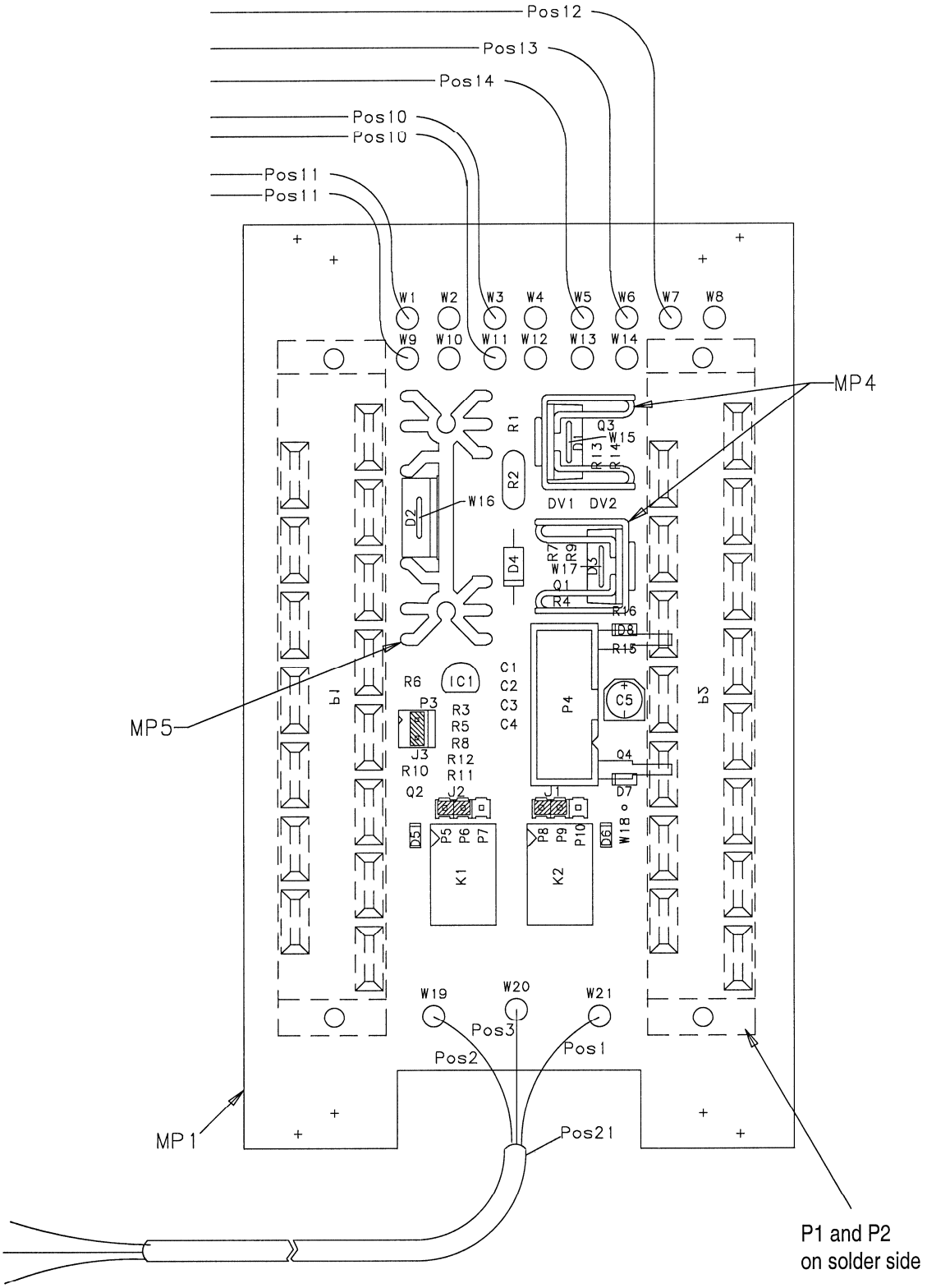


	D1,D2,D3	W15,W16,W17	J3
1.940.410...	not used	used	used
1.940.411...	used	not used	not used
1.940.412...	used	not used	used

0 15.04.2002 PZ				
				PAGE 1 OF 1
STUDER	SUPPLY BOARD			1.940.410.81

Date printed: 26.09.02

Supply Board 1.940.410.81 (1)



Accompanying documents: Zugehoerige Unterlagen: PL,LL	General tolerance: Freimasstoleranz: .	Scale: Massstab: .	Edition Ausgabe	15.04.2002 Date Datum	PZ Visa Gez.	HM Checked Gepr.	RL Seen Ges.	1 Index
Substitute for: Ersatz fuer: .			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: SUPPLY BOARD, ESE			Number: Nummer: 1.940.410.81				

Date printed: 26.09.02

Supply Board 1.940.410.81 (1)

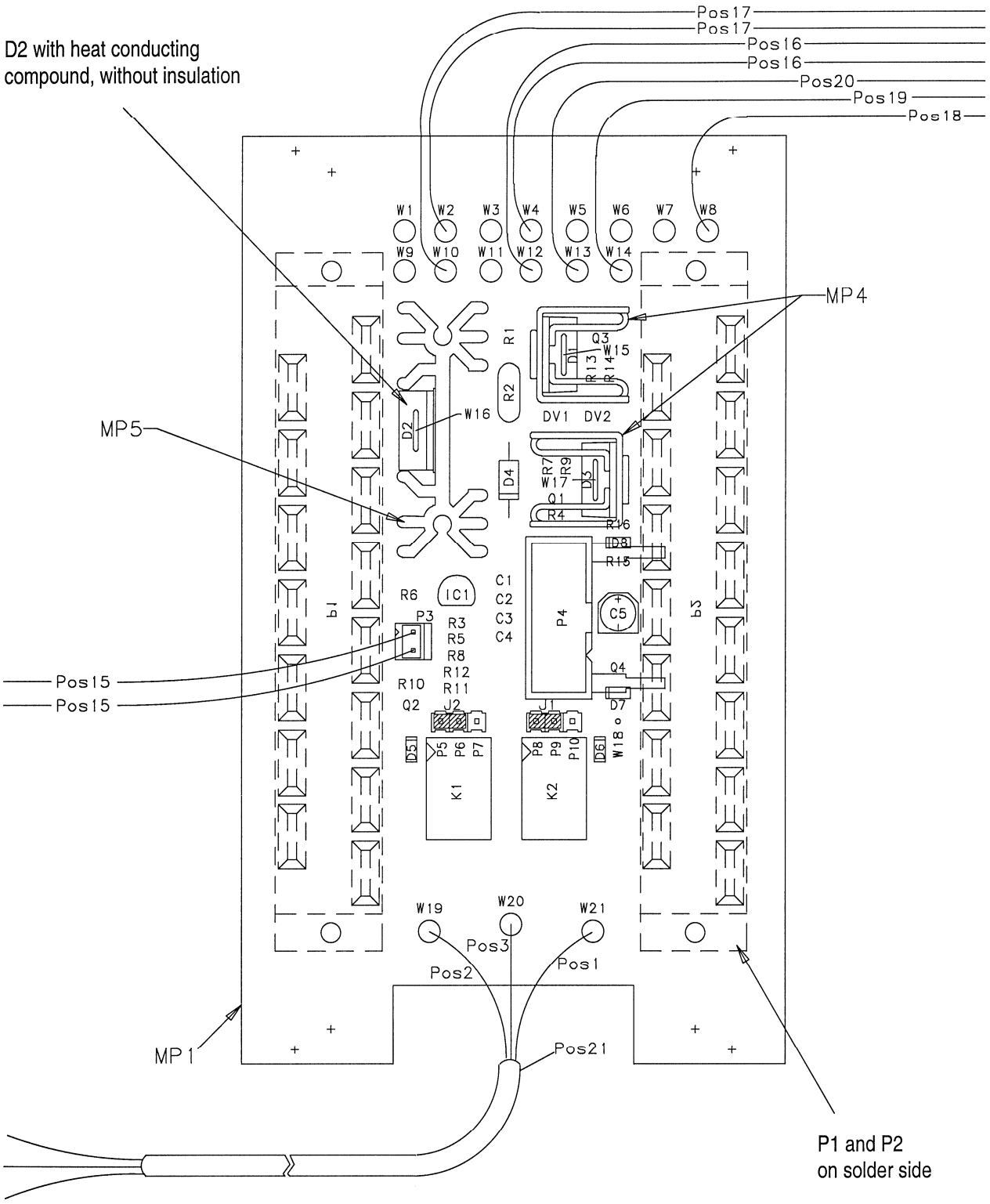
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	D 1	not used	1 pce	USD945	Schottkv Rect 16A. 45V
0	D 2	not used	1 pce	19TQ015	19A 15V Schottky, TO 220
0	D 3	not used	1 pce	USD945	Schottky Rect 16A, 45V
0	D 4	50.04.0512	1 pce	1N5818	D 1N 5818, 1N 5819,
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DV 1	50.60.9019	1 pce	12V	5%, 0.2W, SOT 23
0	DV 2	50.60.9019	1 pce	12V	5%, 0.2W, SOT 23
0	IC 1	50.10.0106	1 pce	TL431	Shunt regulator
0	J 1	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 2	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 3	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	K 1	56.04.0198	1 pce	2*u	5V 125V 2A Ag/Au
0	K 2	56.04.0197	1 pce	2*u	24V 125V 2A Ag/Au
0	LL 1	1.940.410.93	1 pce		LL Supply Board
1	MP 1	1.940.410.12	1 pce		Supply Board PCB
0	MP 2	1.940.410.10	1 pce		Nr. Etikette
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	not used	2 pcs		Kühlkörper, TO 220, vertikal
0	MP 5	not used	1 pce		Kühlkörper, TO 220, vertikal
0	P 1	54.11.4307	1 pce	15p	EU-H, Action pin
0	P 2	54.11.4307	1 pce	15p	EU-H, Action pin
0	P 3	54.12.0702	1 pce	2p	Stecker gerade PCB
0	P 4	54.14.2101	1 pce	10p	1/20" Au, gerade, Verrieg
0	P 5	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 6	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 7	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 8	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 9	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 10	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	Q 1	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 3	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 4	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	R 1	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 2	57.92.7013	1 pce	0.5A	PTC 60V
0	R 3	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 4	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 5	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 6	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0	R 7	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 8	57.60.1242	1 pce	2k4	MF, 1%, 0204, E24
0	R 9	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 10	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 11	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 12	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 13	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 14	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 15	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	R 16	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	W 15	1.010.321.64	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6
0	W 16	1.010.321.64	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6
0	W 17	1.010.321.64	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6

End of List

[81] Supply-snoober added as add-on: D8, C5, Q4, R15, R16,
(01) PCB redesign to eliminate add-on

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

Supply Board, Redundant Output 1.940.411.81 (1)



Accompanying documents: Zugehoerige Unterlagen: PL, LL	General tolerance: Freimasstoleranz: .	Scale: Massstab: .	Edition Ausgabe	15.04.2002 Date Datum	PZ Visa Gez.	HM Checked Gepr.	RL Seen Ges.	1 Index
Substitute for: Ersatz fuer: .			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: SUPPLY BOARD REDUNDANT OUTPUT, ESE		Number: Nummer:	1.940.411.81				

Date printed: 26.09.02

Supply Board, Redundant Output 1.940.411.81 (1)

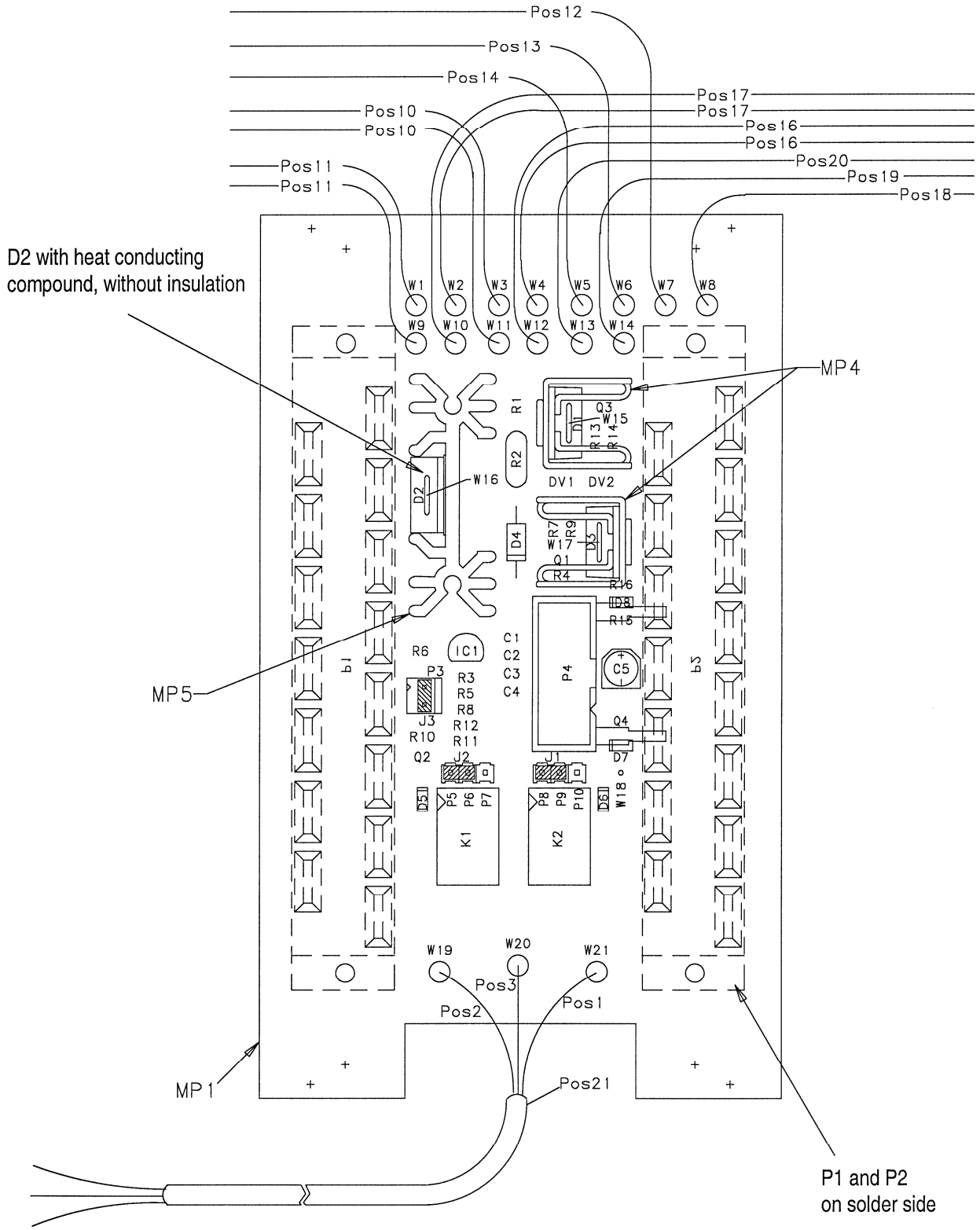
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	D 1	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0	D 2	50.04.0529	1 pce	19TQ015	19A 15V Schottky, TO 220
0	D 3	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0	D 4	50.04.0512	1 pce	1N5818	D 1N 5818, 1N 5819,
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DV 1	50.60.9019	1 pce	12V	5%, 0.2W, SOT 23
0	DV 2	50.60.9019	1 pce	12V	5%, 0.2W, SOT 23
0	IC 1	50.10.0106	1 pce	TL431	Shunt regulator
0	J 1	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 2	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	K 1	56.04.0198	1 pce	2*u	5V 125V 2A Ag/Au
0	K 2	56.04.0197	1 pce	2*u	24V 125V 2A Ag/Au
0	LL 1	1.940.411.93			LL Supply Board red Output
1	MP 1	1.940.410.12	1 pce		Supply Board PCB
0	MP 2	1.940.411.10	1 pce		Nr. Etikette
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	50.20.3011	2 pcs		Kühlkörper, TO 220, vertikal
0	MP 5	50.20.3012	1 pce		Kühlkörper, TO 220, vertikal
0	P 1	54.11.4307	1 pce	15p	EU-H, Action pin
0	P 2	54.11.4307	1 pce	15p	EU-H, Action pin
0	P 3	54.12.0702	1 pce	2p	Stecker gerade PCB
0	P 4	54.14.2101	1 pce	10p	1/20" Au, gerade, Verrieg
0	P 5	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 6	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 7	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 8	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 9	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 10	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	Q 1	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 3	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 4	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	R 1	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 2	57.92.7013	1 pce	0.5A	PTC 60V
0	R 3	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 4	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 5	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 6	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0	R 7	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 8	57.60.1242	1 pce	2k4	MF, 1%, 0204, E24
0	R 9	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 10	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 11	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 12	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 13	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 14	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 15	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	R 16	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	W 15	not used	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6
0	W 16	not used	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6
0	W 17	not used	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

End of List

[81] Supply-snoober added as add-on: D8, C5, Q4, R15, R16,
(01) PCB redesign to eliminate add-on

Supply Board, Redundant Input 1.940.412.81 (1)



Accompanying documents: Zugehoerige Unterlagen: PL,LL	General tolerance: Freimasstoleranz: .	Scale: Massstab: .	Edition Ausgabe	15.04.2002 Date Datum	PZ Visa Gez.	HM Checked Gepr.	RL Seen Ges.	1 Index
Substitute for: Ersatz fuer: .			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: SUPPLY BOARD REDUNDANT INPUT, ESE		Number: Nummer:	1.940.412.81				

Date printed: 26.09.02

Supply Board, Redundant Input 1.940.412.81 (1)

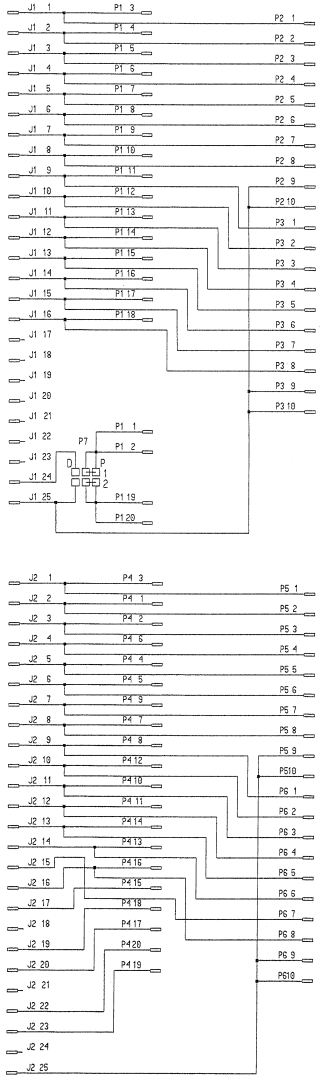
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	D 1	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0	D 2	50.04.0529	1 pce	19TQ015	19A 15V Schottky, TO 220
0	D 3	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0	D 4	50.04.0512	1 pce	1N5818	D 1N 5818, 1N 5819,
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DV 1	50.60.9019	1 pce	12V	5%, 0.2W, SOT 23
0	DV 2	50.60.9019	1 pce	12V	5%, 0.2W, SOT 23
0	IC 1	50.10.0106	1 pce	TL431	Shunt regulator
0	J 1	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 2	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 3	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	K 1	56.04.0198	1 pce	2*u	5V 125V 2A Ag/Au
0	K 2	56.04.0197	1 pce	2*u	24V 125V 2A Ag/Au
0	LL 1	1.940.412.93	1 pce		LL Supply Board red Input
1	MP 1	1.940.410.12	1 pce		Supply Board PCB
0	MP 2	1.940.412.10	1 pce		Nr. Etikette
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	50.20.3011	2 pcs		Kühlkörper, TO 220, vertikal
0	MP 5	50.20.3012	1 pce		Kühlkörper, TO 220, vertikal
0	P 1	54.11.4307	1 pce	15p	EU-H, Action pin
0	P 2	54.11.4307	1 pce	15p	EU-H, Action pin
0	P 3	54.12.0702	1 pce	2p	Stecker gerade PCB
0	P 4	54.14.2101	1 pce	10p	1/20" Au, gerade, Verrieg
0	P 5	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 6	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 7	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 8	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 9	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 10	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	Q 1	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 3	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 4	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	R 1	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 2	57.92.7013	1 pce	0.5A	PTC 60V
0	R 3	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 4	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 5	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 6	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0	R 7	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 8	57.60.1242	1 pce	2k4	MF, 1%, 0204, E24
0	R 9	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 10	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 11	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 12	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 13	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 14	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 15	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	R 16	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	W 15	not used	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6
0	W 16	not used	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6
0	W 17	not used	1 pce	Wire	DRAHTBRUECKE U, 4.3* 5.0, 0.6

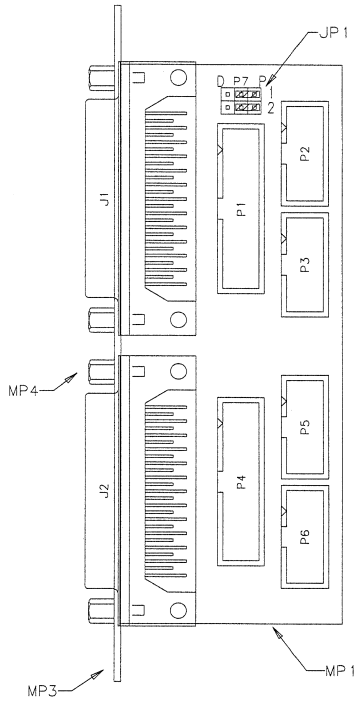
End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

[81] Supply-snoober added as add-on: D8, C5, Q4, R15, R16,
(01) PCB redesign to eliminate add-on

Control Connection 1.940.630.81





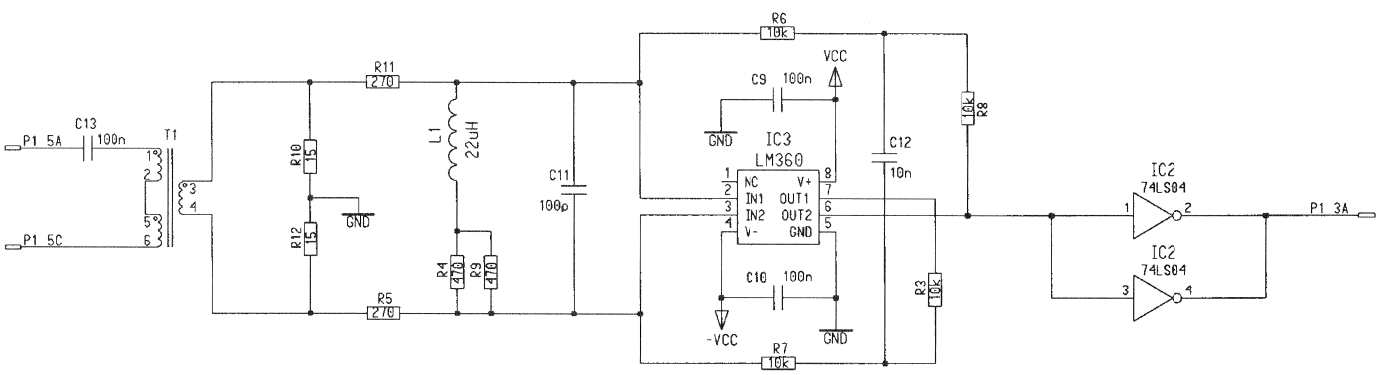
Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	J 1	54.13.0073		25p	D-Sub, PCB, Winkel
0	J 2	54.13.0073		25p	D-Sub, PCB, Winkel
0	JP 1	54.01.0021	2 pcs	Jumper	0.63 * 0.63mm
0	MP 1	1.940.630.12	1 pce		Control Connection PCB
0	MP 2	1.940.630.10	1 pce		NR. Etikette 5 x 20
0	MP 3	1.940.619.02	1 pce		Rückwand D25+D25
0	MP 4	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
0	MP 5	24.16.1030	4 pcs		RIPPENSCHEIBE D 3.2/5.5
0	P 1	54.14.2008		20p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2001		10p	1/20" Au, gerade, ohne Verrieg
0	P 3	54.14.2001		10p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.14.2008		20p	1/20" Au, gerade, ohne Verrieg
0	P 5	54.14.2001		10p	1/20" Au, gerade, ohne Verrieg
0	P 6	54.14.2001		10p	1/20" Au, gerade, ohne Verrieg
0	P 7	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54

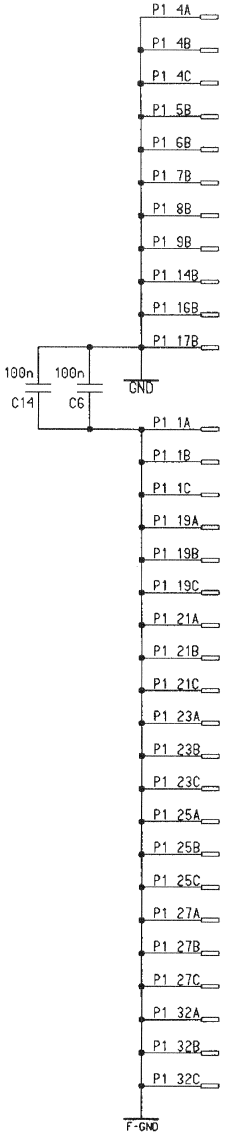
End of List

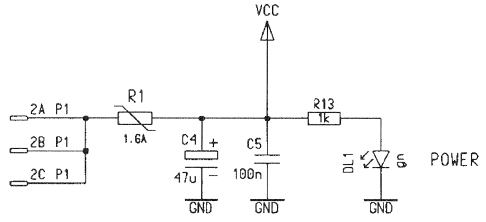
Comments

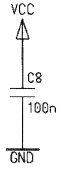
0 11.03.1999 ML			
	DS-D Rack		PAGE 1 OF 1
STUDER	Control Connection	SC	1.940.630.81

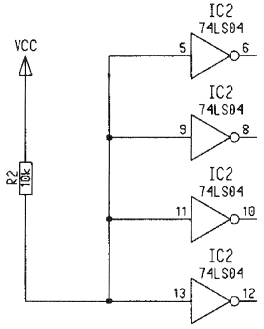
Sync Receiver 1.940.557.00 (0)

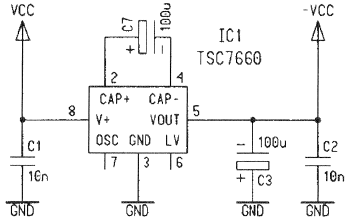




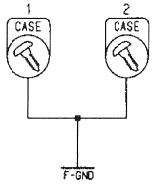






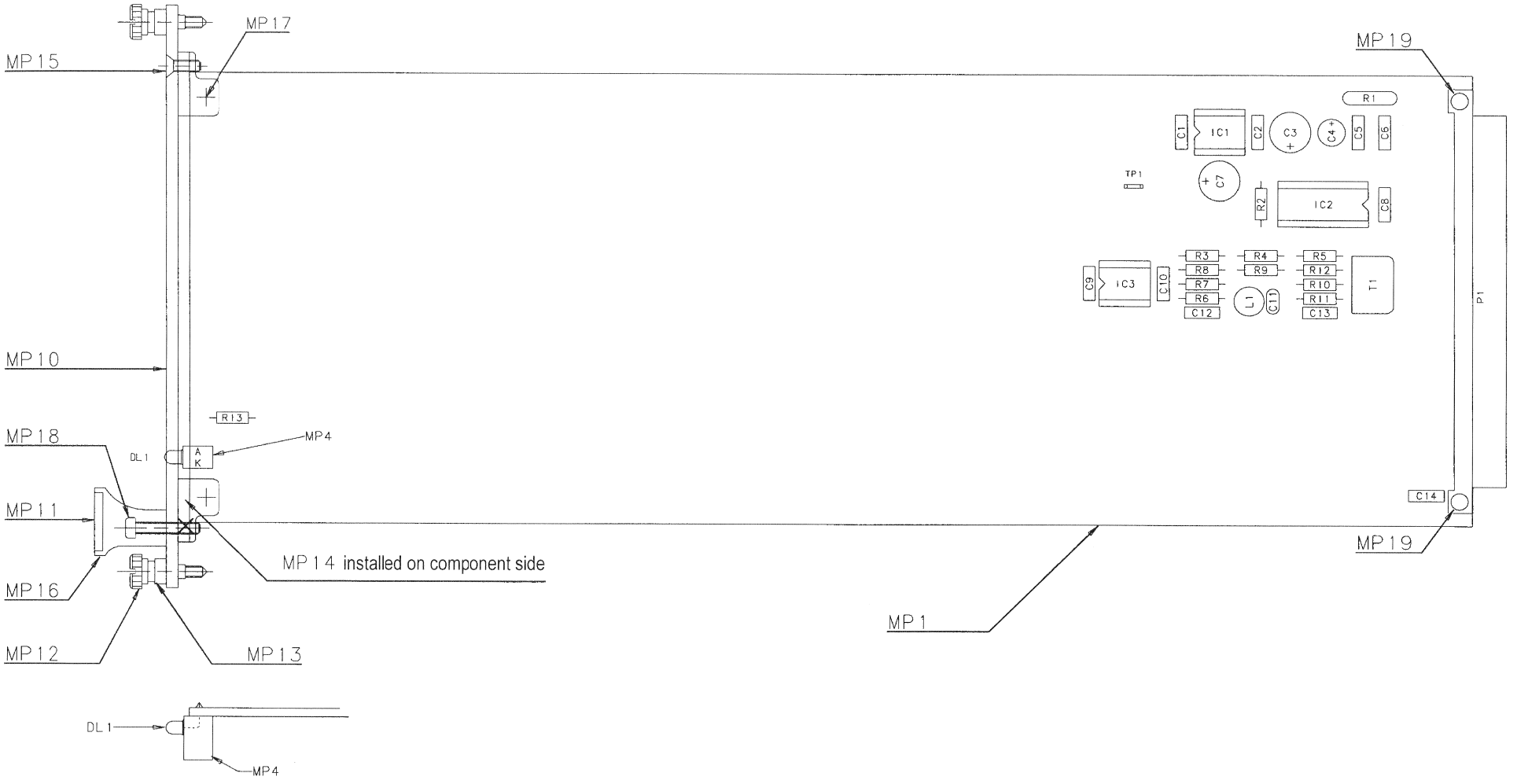






a 03.09.98 / ZT			
	D19M		PAGE 1 / 1
STUDER	D19M SYNC RECEIVER		1.940.557.00

Sync Receiver 1.940.557.00 (0)



Accompanying documents: Zugehoerige Unterlagen: PL	General tolerance: Freimasstoleranz: ± .	Scale: Massstab: .	Edition Ausgabe	03.09.98	ZT			0
				Date Datum		Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer: .	Replaced by: Ersetzt durch: .		Copy to: Kopie fuer: .						
STUDER REGENSDORF	Description: Benennung: D19M SYNC RECEIVER "ESE"		Number: Nummer: 1.940.557.00						

Date printed: 26.09.02

Sync Receiver 1.940.557.00 (1)

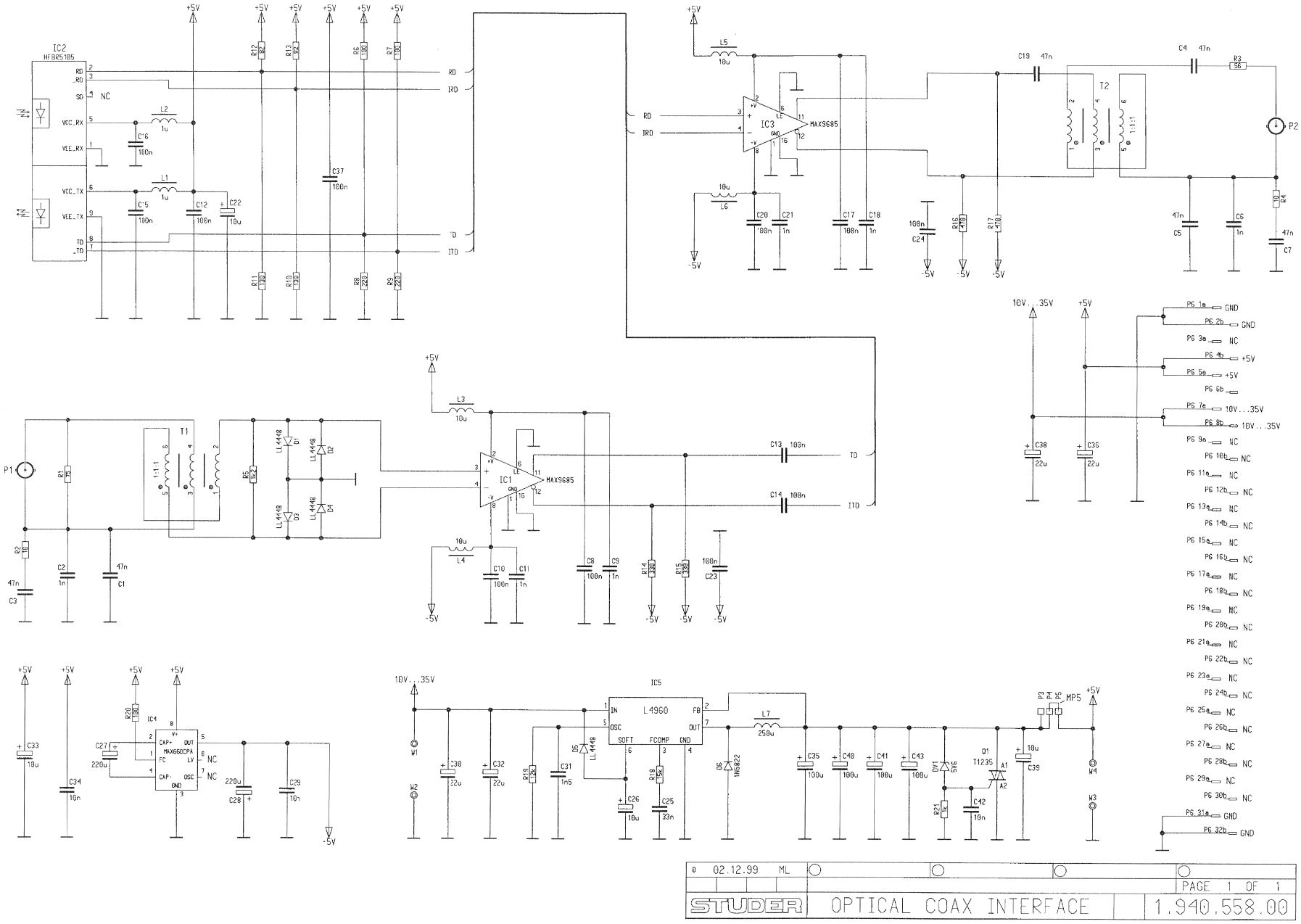
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 2	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 3	59.22.4101		100u	EL 16V 20% RM5
0	C 4	59.22.3470		47u	EL 10V 20% RM5
0	C 5	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 6	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 7	59.22.4101		100u	EL 16V 20% RM5
0	C 8	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 9	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 10	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 11	59.34.4101		100p	CER 63V, 5%, N750
0	C 12	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 13	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 14	59.06.0104		100n	PETP, 63V, 10%, RM5
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	IC 1	50.11.0131		ICL7660	IC ICL 7660 CPA,TSC..,SI..,
0	IC 2	50.06.0004		74LS04	SN 74 LS 04 N
0	IC 3	50.11.1002		LM360	High speed Comparator
0	L 1	62.02.3220		22uH	10%, radial RM 5
0	MP 1	1.940.557.11			D19M SYNC RECEIVER PCB
0	MP 2	1.940.557.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	50.20.2501	1 pce	Spacer	LED-Sockel
0	MP 10	1.940.557.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
1	MP 17	not used	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
				Schraube ist in MP14 (49.02.0522 Kartenhalter) enthalten	
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	54.11.2009		96p	EU-R 3*32p
0	R 1	57.92.7053		1.6A	PTC 30V
0	R 2	57.11.3103		10k	MF, 1%, 0207
0	R 3	57.11.3103		10k	MF, 1%, 0207
0	R 4	57.11.3471		470R	MF, 1%, 0207
0	R 5	57.11.3271		270R	MF, 1%, 0207
0	R 6	57.11.3103		10k	MF, 1%, 0207
0	R 7	57.11.3103		10k	MF, 1%, 0207
0	R 8	57.11.3103		10k	MF, 1%, 0207
0	R 9	57.11.3471		470R	MF, 1%, 0207
0	R 10	57.11.3150		15R	MF, 1%, 0207
0	R 11	57.11.3271		270R	MF, 1%, 0207
0	R 12	57.11.3150		15R	MF, 1%, 0207
0	R 13	57.11.3102		1k0	MF, 1%, 0207
0	T 1	63.15.0001		1:1:1	Impuls-Transformator
0	TP 1	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade

End of List

(1) 12.04.00 MP 17 not used

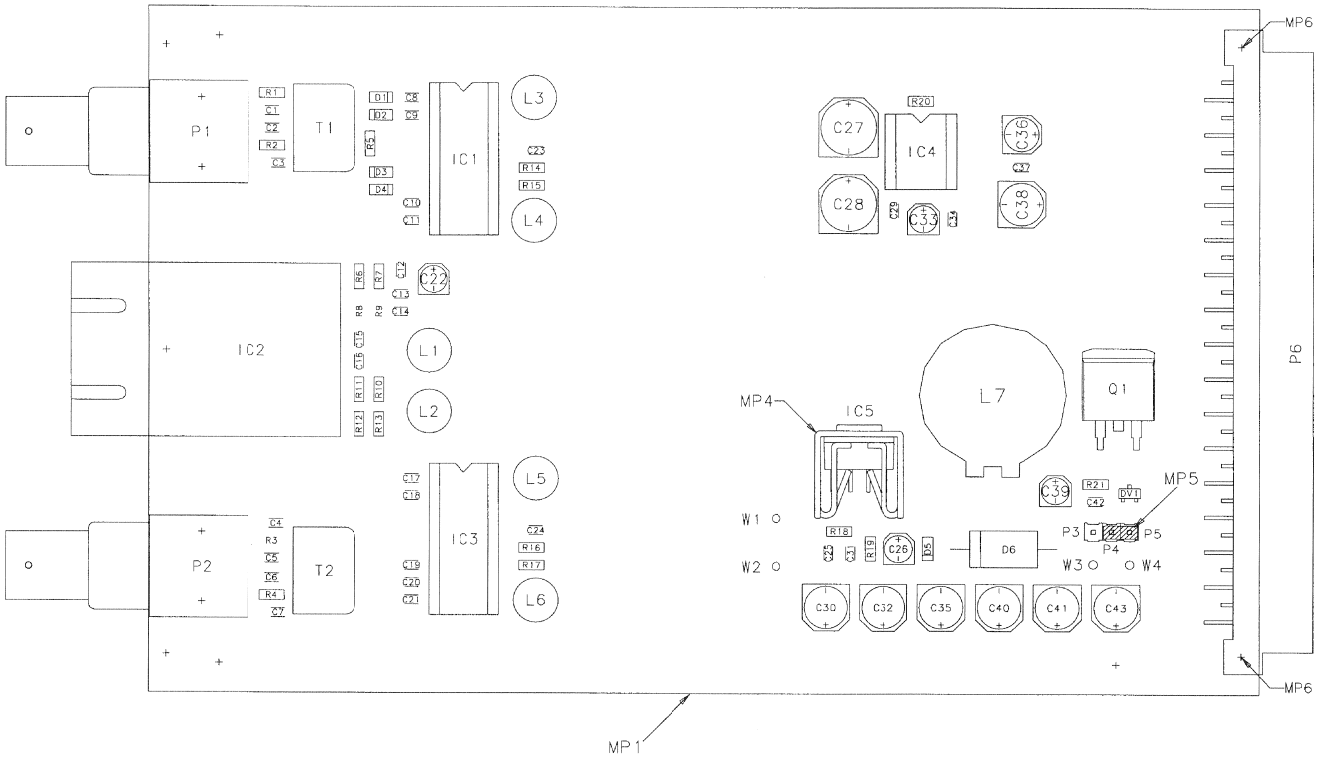
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

Optical/Coax Interface 1.940.558.00 (0)



0	02.12.99	ML		PAGE 1 OF 1
STUDER	OPTICAL COAX INTERFACE			1.940.558.00

Optical/Coax Interface 1.940.558.00 (0)



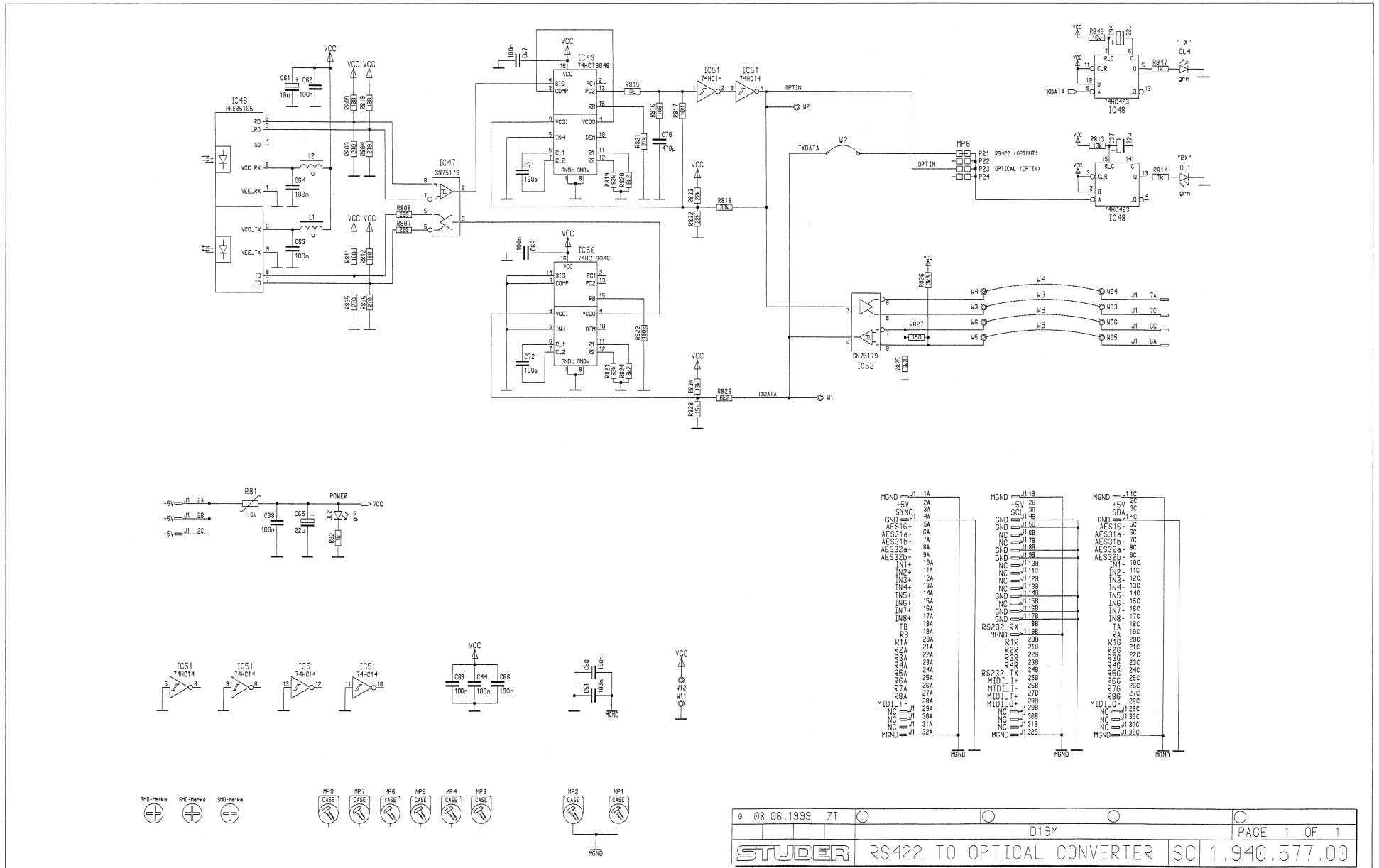
Accompanying documents: Zugehoerige Unterlagen: PL,BV640	General tolerance: Freimasstoleranz: .	Scale: Massstab: .	Edition Ausgabe	02.12.1999 Date Datum	ZT Visa Gez.	Checked Gepr.	Seen Ges.	0 Index
Substitute for: Ersatz fuer: .			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description Benennung: OPTICAL COAX INTERFACE, ESE		Number Nummer:	1.940.558.00				

Optical/Coax Interface 1.940.558.00 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 3	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 7	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 10	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 12	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 16	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 19	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 22	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3331		33n	CER 50V, 10%, X7R, 0805
0	C 26	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 27	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 28	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 29	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 30	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 31	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 32	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 33	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 34	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 35	59.68.0029		100u	EL 6V, 6.3*5.7
0	C 36	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 37	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 38	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 39	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 40	59.68.0029		100u	EL 6V, 6.3*5.7
0	C 41	59.68.0029		100u	EL 6V, 6.3*5.7
0	C 42	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 43	59.68.0029		100u	EL 6V, 6.3*5.7
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 6	50.04.0519		1N5822	3A, Schottky
0	DV 1	50.60.9011		5V6	5%, 0.2W, SOT 23
0	IC 1	50.11.0156		MAX9685	ECL Comparator, latching
0	IC 2	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 3	50.11.0156		MAX9685	ECL Comparator, latching
0	IC 4	50.10.0124		MAX660	V-Converter ... +5.5V to -5.5V
0	IC 5	50.10.0122		L4960	L 4960,
0	L 1	62.02.3109		1uH	20%, radial RM 5
0	L 2	62.02.3109		1uH	20%, radial RM 5
0	L 3	62.02.3100		10uH	10%, radial RM 5
0	L 4	62.02.3100		10uH	10%, radial RM 5
0	L 5	62.02.3100		10uH	10%, radial RM 5
0	L 6	62.02.3100		10uH	10%, radial RM 5
0	L 7	62.03.0025		250uH	2A Toroid Chocke
0	MP 1	1.940.558.11			opt-coax Interface PCB
0	MP 2	1.940.558.10			NR. ETIKETTE 5 * 20
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	50.20.3011			Kühlkörper, TO 220, vertikal
0	MP 5	54.01.0021		Jumper	0.63*0.63mm, Au
0	MP 6	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	54.21.2021		BNC	BNC 1p, angle, PCB
0	P 2	54.21.2021		BNC	BNC 1p, angle, PCB
0	P 3	54.01.0020		1p	Pin, 1reihig, gerade
0	P 4	54.01.0020		1p	Pin, 1reihig, gerade
0	P 5	54.01.0020		1p	Pin, 1reihig, gerade
0	P 6	54.01.0359		32p	EU-B 2*16p
0	Q 1	50.60.7001		BT138B	Triac 8A, 600V, SOT 404
0	R 1	57.60.1750		75R	MF, 1%, 0204, E24
0	R 2	57.60.1100		10R	MF, 1%, 0204, E24
0	R 3	57.60.1560		56R	MF, 1%, 0204, E24
0	R 4	57.60.1100		10R	MF, 1%, 0204, E24
0	R 5	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 6	57.60.1101		100R	MF, 1%, 0204, E24
0	R 7	57.60.1101		100R	MF, 1%, 0204, E24
0	R 8	57.60.1221		220R	MF, 1%, 0204, E24
0	R 9	57.60.1221		220R	MF, 1%, 0204, E24
0	R 10	57.60.1131		130R	MF, 1%, 0204, E24
0	R 11	57.60.1131		130R	MF, 1%, 0204, E24
0	R 12	57.60.1820		82R	MF, 1%, 0204, E24
0	R 13	57.60.1820		82R	MF, 1%, 0204, E24
0	R 14	57.60.1331		330R	MF, 1%, 0204, E24
0	R 15	57.60.1331		330R	MF, 1%, 0204, E24
0	R 16	57.60.1471		470R	MF, 1%, 0204, E24
0	R 17	57.60.1471		470R	MF, 1%, 0204, E24
0	R 18	57.60.1153		15k	MF, 1%, 0204, E24
0	R 19	57.60.1123		12k	MF, 1%, 0204, E24
0	R 20	57.60.1101		100R	MF, 1%, 0204, E24
0	R 21	57.60.1102		1k0	MF, 1%, 0204, E24
0	T 1	63.15.0001		1:1:1	Impuls-Transformator
0	T 2	63.15.0001		1:1:1	Impuls-Transformator

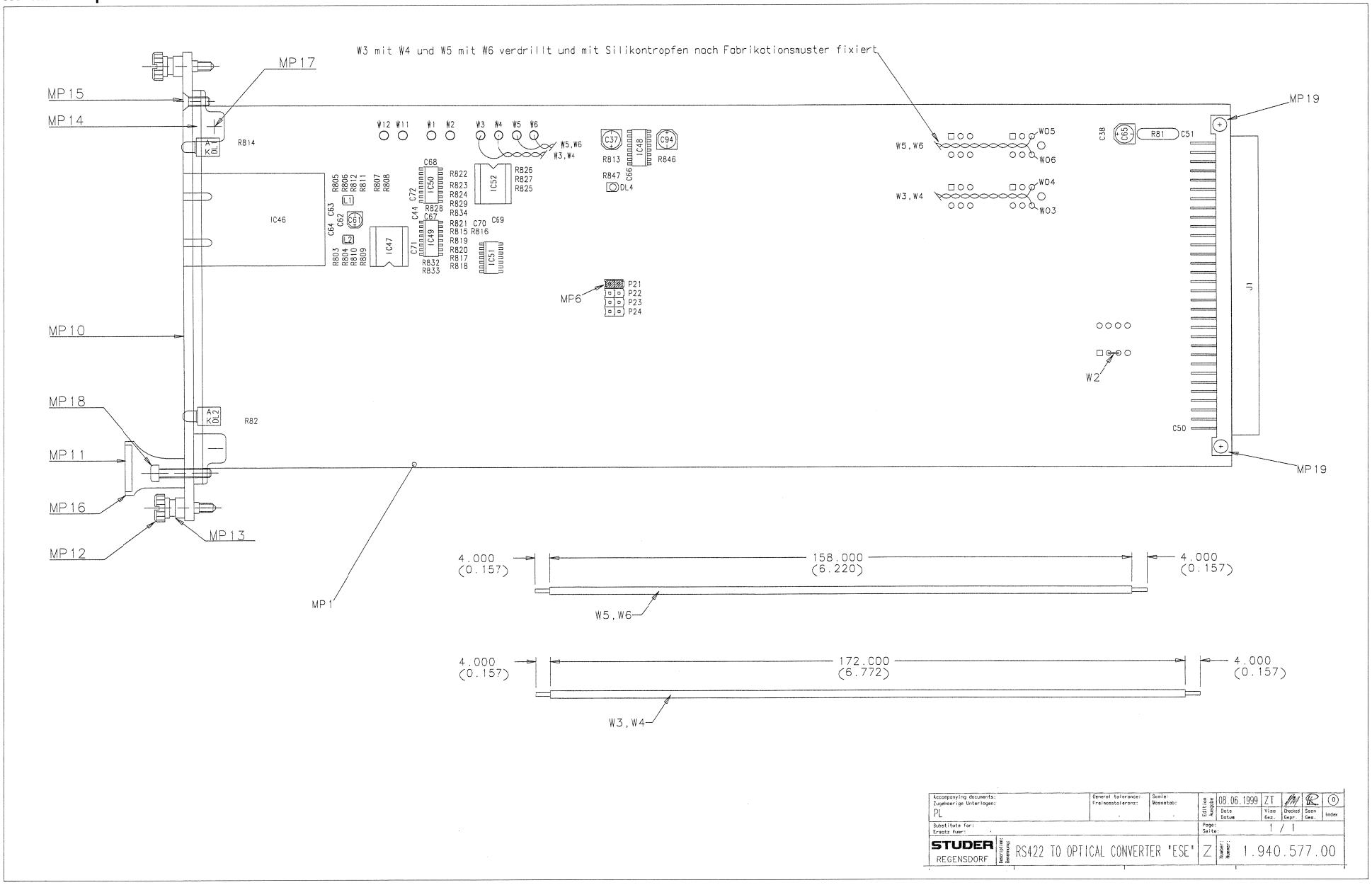
End of List

RS 422 To Optical Converter 1.940.577.00



0 08.06.1999 ZT				
	D19M			PAGE 1 OF 1
STUDER	RS422 TO OPTICAL CONVERTER	SC	1.940.577.00	

RS 422 To Optical Converter 1.940.577.00



Accompanying documents: Zugehoerige Unterlagen: PL	General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition Ausgabe	08.06.1999 Date Datum	ZT Visa Gez.	Checked Gepr.	Seen Ges.	0 Index
Substitute for: Ersatz fuer:			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description Bezeichnung: RS422 TO OPTICAL CONVERTER 'ESE'		Z	Number: Nummer: 1.940.577.00				

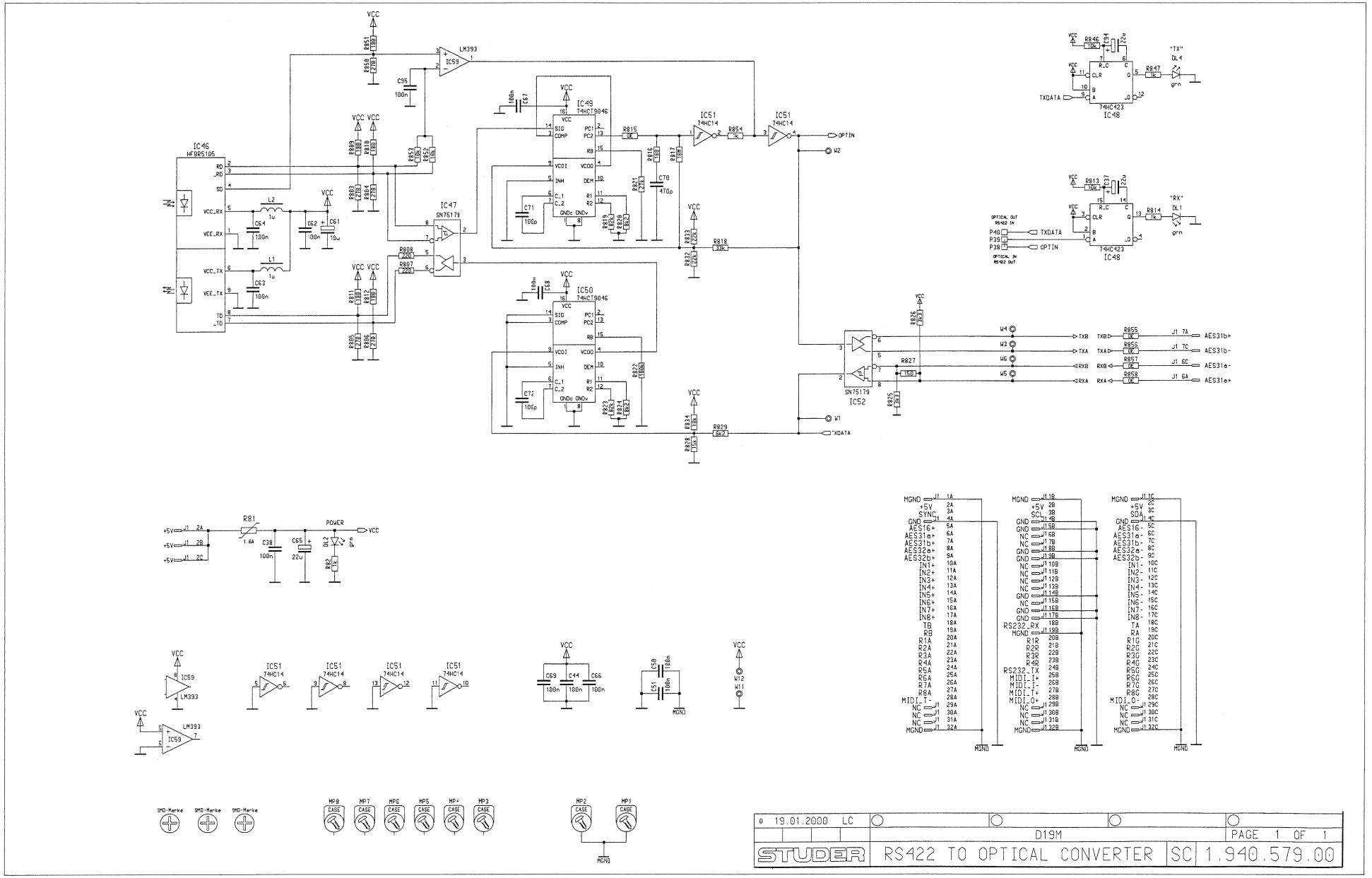
RS 422 To Optical Converter 1.940.577.00

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 37	59.68.0067		22u	C-EL 16V, 5.0*5.7
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 61	59.68.0065		10u	C-EL 16V, 4.0*5.7
0	C 62	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 63	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 64	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 65	59.68.0067		22u	C-EL 16V, 5.0*5.7
0	C 66	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 67	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 68	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.2365		470p	CER 50V, 5%, C0G, 0805
0	C 71	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 72	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 94	59.68.0067		22u	C-EL 16V, 5.0*5.7
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 4	not used		TLUG 2401	DL TLUG 2401 GN MATT
0	IC 46	89.10.0021		HFBR5105	LWL Transceiver FDDI/MADI
0	IC 47	50.15.0126		75179B	IC SN 75179B P
0	IC 48	50.62.1423		74HC423	Dual multivibr monost retrigg
0	IC 49	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 50	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 51	50.62.1014		74HC 14	Hex Schmitt trigger inverter
0	IC 52	50.15.0126	--	75179B	IC SN 75179B P
0	J 1	54.11.2009		96p	EU-R 3*32p
0	L 1	62.60.0101		1.0uH	10%, SMD 1210
0	L 2	62.60.0101		1.0uH	10%, SMD 1210
0	MP 1	1.940.576.11			Processor Board PCB
0	MP 2	1.940.577.04			Typenschild
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 6	54.01.0021	1 pce	Jumper	0.63 * 0.63mm
0	MP 10	1.940.576.01	1 pce		FRONTPLATTE RCC
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 21	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	P 22	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	P 23	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	P 24	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	R 81	57.92.7053		1.6A	POLY- PTC, 30V
0	R 82	57.60.1102		1K	MF, 1%, 0204, E24
0	R 803	57.60.1271		270R	MF, 1%, 0204, E24
0	R 804	57.60.1271		270R	MF, 1%, 0204, E24
0	R 805	57.60.1271		270R	MF, 1%, 0204, E24
0	R 806	57.60.1271		270R	MF, 1%, 0204, E24
0	R 807	57.60.1221		220R	MF, 1%, 0204, E24
0	R 808	57.60.1221		220R	MF, 1%, 0204, E24
0	R 809	57.60.1181		180R	MF, 1%, 0204, E24
0	R 810	57.60.1181		180R	MF, 1%, 0204, E24
0	R 811	57.60.1181		180R	MF, 1%, 0204, E24
0	R 812	57.60.1181		180R	MF, 1%, 0204, E24
0	R 813	57.60.1103		10K	MF, 1%, 0204, E24
0	R 814	57.60.1102		1K	MF, 1%, 0204, E24
0	R 815	57.60.1000		0R0	MF, 0204
0	R 816	57.60.1101		100R	MF, 1%, 0204, E24
0	R 817	57.60.1106		10M	MF, 1%, 0204, E24
0	R 818	57.60.1333		33K	MF, 1%, 0204, E24
0	R 819	57.60.1823		82K	MF, 1%, 0204, E24
0	R 820	57.60.1822		8K2	MF, 1%, 0204, E24
0	R 821	57.60.1273		27K	MF, 1%, 0204, E24
0	R 822	57.60.1104		100K	MF, 1%, 0204, E24
0	R 823	57.60.1823		82K	MF, 1%, 0204, E24
0	R 824	57.60.1822		8K2	MF, 1%, 0204, E24
0	R 825	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 826	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 827	57.60.1151		150R	MF, 1%, 0204, E24
0	R 828	57.60.1153		15K	MF, 1%, 0204, E24
0	R 829	57.60.1622		6K2	MF, 1%, 0204, E24
0	R 832	57.60.1223		22K	MF, 1%, 0204, E24
0	R 833	57.60.1223		22K	MF, 1%, 0204, E24
0	R 834	57.60.1103		10K	MF, 1%, 0204, E24
0	R 846	57.60.1103		10K	MF, 1%, 0204, E24
0	R 847	57.60.1102		1K	MF, 1%, 0204, E24
0	W 2	1.010.329.64		Wire	DRAHTBRUECKE U, 4.3* 2.5, 0.6
0	W 3	64.02.0183	180 mm		LITZE OR AWG 26
0	W 4	64.02.0184	180 mm		LITZE GB AWG 26
0	W 5	64.02.0185	166 mm		LITZE GN AWG 26
0	W 6	64.02.0186	166 mm		LITZE BL AWG 26
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XIC 52	53.03.0166		8p	DIL 0.3", löt, gerade

End of List

Comments

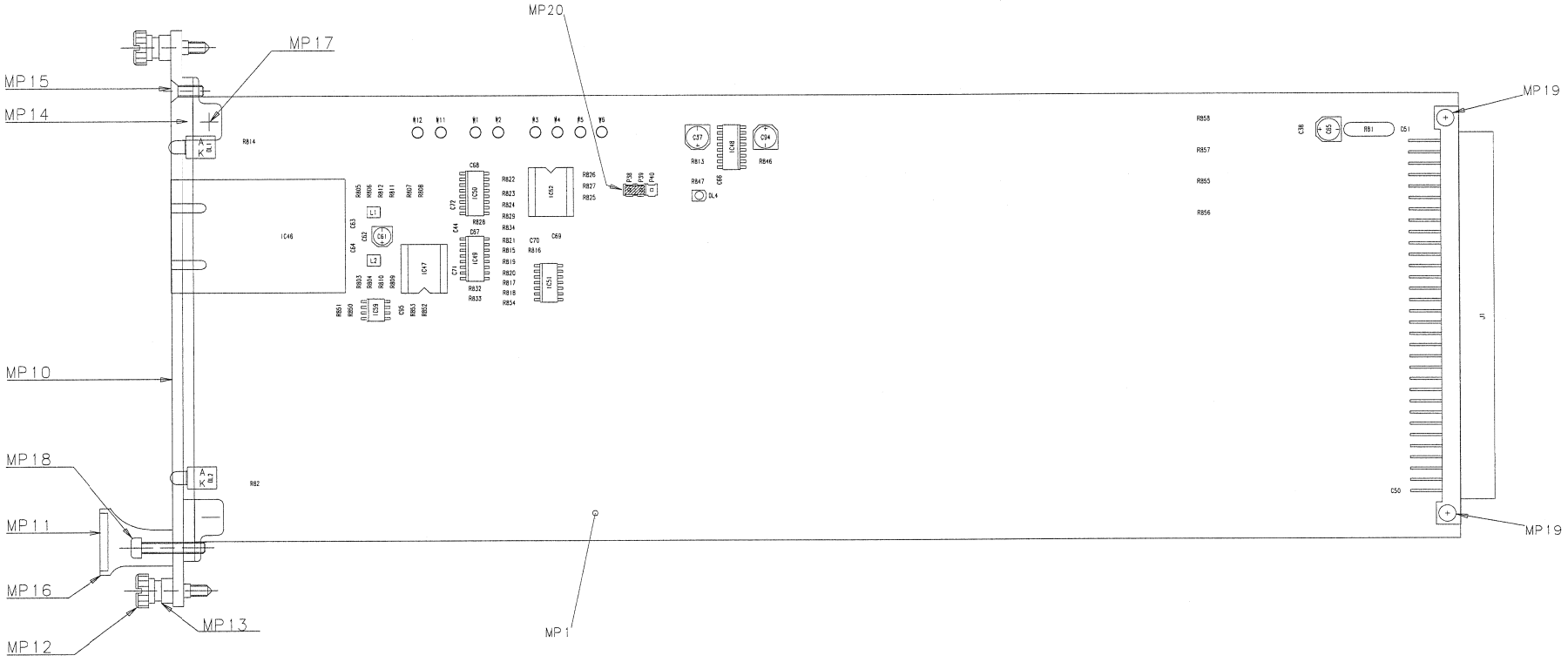
RS 422 to Optical Converter 1.940.579.00



0 19.01.2000 LC				
		D19M		PAGE 1 OF 1
STUDER	RS422 TO OPTICAL CONVERTER		SC	1.940.579.00

STUDER

RS 422 to Optical Converter 1.940.579.00



Accompanying documents: Zugehoerige Unterlagen: PL	General to erance: Freimasstoleranz: .	Scale: Massstab: 1 : 1	Edition Ausgabe	19.01.2000 Date Datum	LC Visa Gez.	ML Checked Gepr.	RL Seen Gen.	0 Index
Substitute for: Ersatz fuer: .			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description Benennung: RS422 TO OPTICAL CONVERTER, ESE		Z	Number: Nummer: 1.940.579.00				

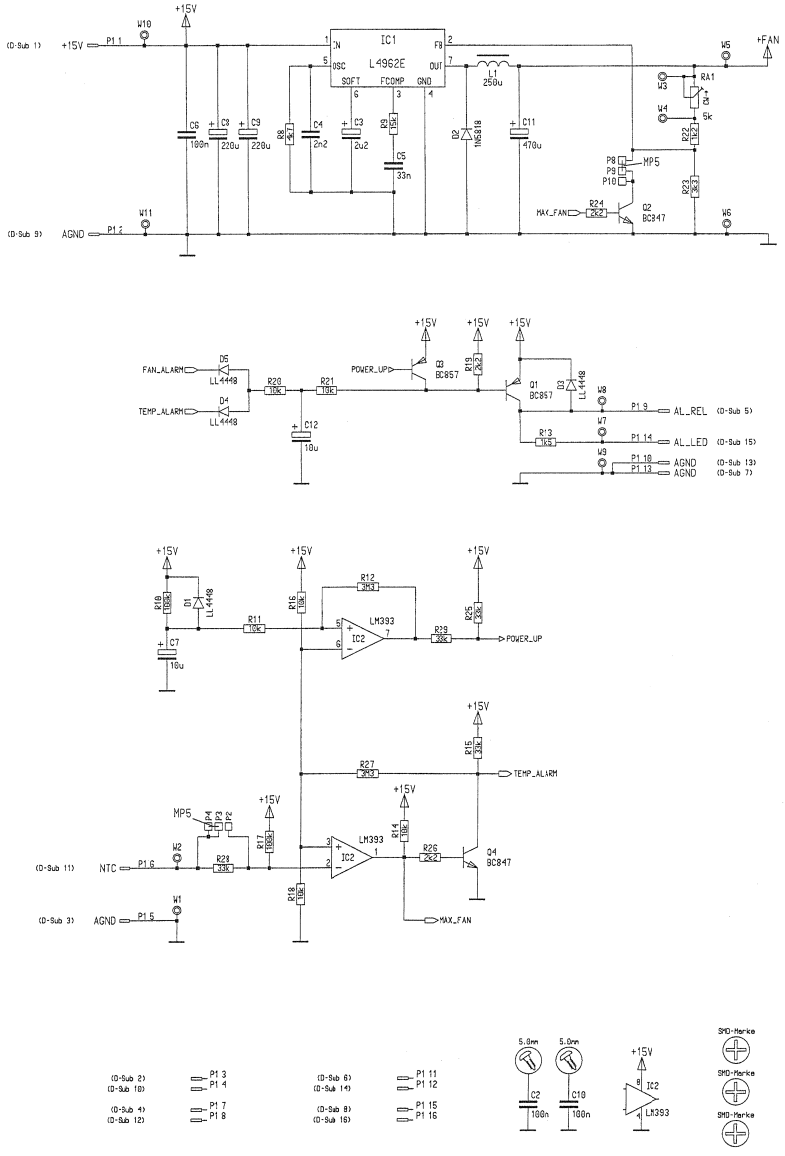
RS 422 to Optical Converter 1.940.579.00

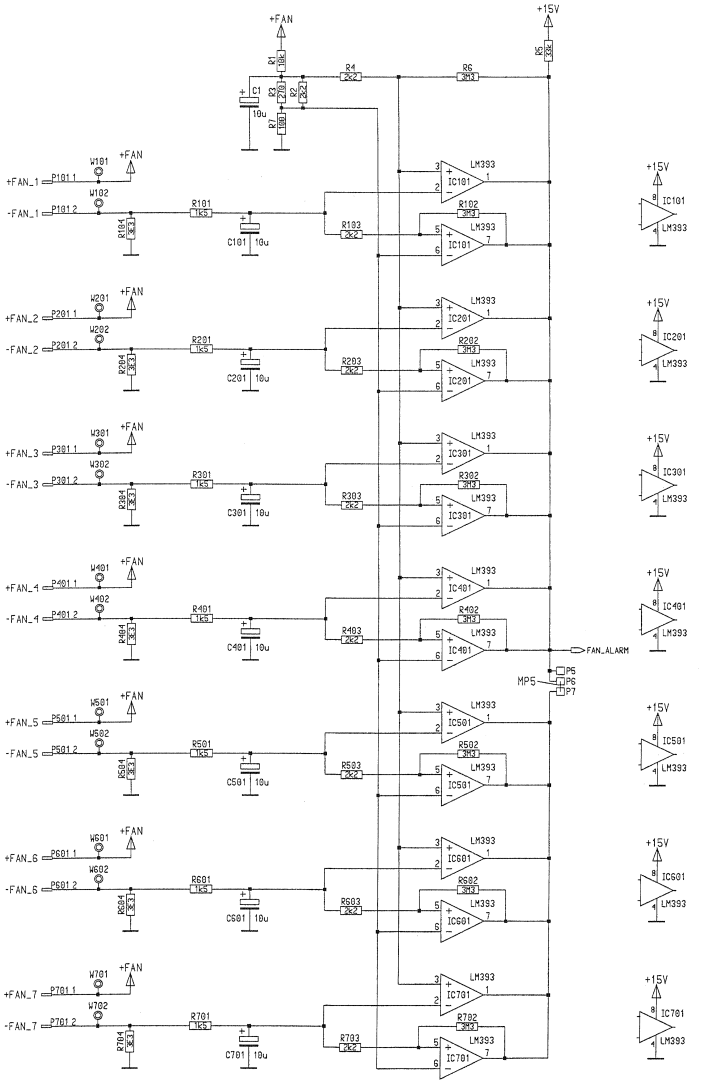
Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 37	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 61	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 62	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 63	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 64	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 65	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 66	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 67	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 68	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.2365		470p	CER 50V, 5%, C0G, 0805
0	C 71	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 72	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 94	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 95	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 4	not used		TLUG 2401	DL TLUG 2401 GN MATT
0	IC 46	89.10.0021		HFBR5105	LWL Transceiver FDDI/MADI
0	IC 47	50.15.0126		75179B	IC SN 75179B P
0	IC 48	50.62.1423		74HC423	Dual multivibr monost retrigg
0	IC 49	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 50	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 51	50.62.1014		74HC 14	Hex Schmitt trigger inverter
0	IC 52	50.15.0126		75179B	IC SN 75179B P
0	IC 59	50.61.9001		LM393	Dual voltage comp. SO 8
0	J 1	54.11.2009		96p	EU-R 3*32p
0	L 1	62.60.0101		1.0uH	10%, SMD 1210
0	L 2	62.60.0101		1.0uH	10%, SMD 1210
0	MP 1	1.940.576.12			Processor Board PCB
0	MP 2	1.940.579.04			Typenschild
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 10	1.940.576.01	1 pce		FRONTPLATTE RCC
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	54.01.0021	1 pce	Jumper	0.63 * 0.63mm
0	P 38	54.01.0020	1 pcs	1p	Pin 0.63*0.63
0	P 39	54.01.0020	1 pcs	1p	Pin 0.63*0.63
0	P 40	54.01.0020	1 pcs	1p	Pin 0.63*0.63
0	R 81	57.92.7053		1.6A	PTC 30V
0	R 82	57.60.1102		1K	MF, 1%, 0204, E24
0	R 803	57.60.1271		270R	MF, 1%, 0204, E24
0	R 804	57.60.1271		270R	MF, 1%, 0204, E24
0	R 805	57.60.1271		270R	MF, 1%, 0204, E24
0	R 806	57.60.1271		270R	MF, 1%, 0204, E24
0	R 807	57.60.1221		220R	MF, 1%, 0204, E24
0	R 808	57.60.1221		220R	MF, 1%, 0204, E24
0	R 809	57.60.1181		180R	MF, 1%, 0204, E24
0	R 810	57.60.1181		180R	MF, 1%, 0204, E24
0	R 811	57.60.1181		180R	MF, 1%, 0204, E24
0	R 812	57.60.1181		180R	MF, 1%, 0204, E24
0	R 813	57.60.1103		10K	MF, 1%, 0204, E24
0	R 814	57.60.1102		1K	MF, 1%, 0204, E24
0	R 815	57.60.1000		0R0	MF, 0204
0	R 816	57.60.1101		100R	MF, 1%, 0204, E24
0	R 817	57.60.1106		10M	MF, 1%, 0204, E24
0	R 818	57.60.1333		33K	MF, 1%, 0204, E24
0	R 819	57.60.1823		82K	MF, 1%, 0204, E24
0	R 820	57.60.1822		8K2	MF, 1%, 0204, E24
0	R 821	57.60.1273		27K	MF, 1%, 0204, E24
0	R 822	57.60.1104		100K	MF, 1%, 0204, E24
0	R 823	57.60.1823		82K	MF, 1%, 0204, E24
0	R 824	57.60.1822		8K2	MF, 1%, 0204, E24
0	R 825	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 826	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 827	57.60.1151		150R	MF, 1%, 0204, E24
0	R 828	57.60.1153		15K	MF, 1%, 0204, E24
0	R 829	57.60.1622		6K2	MF, 1%, 0204, E24
0	R 832	57.60.1223		22K	MF, 1%, 0204, E24
0	R 833	57.60.1223		22K	MF, 1%, 0204, E24
0	R 834	57.60.1103		10K	MF, 1%, 0204, E24
0	R 846	57.60.1103		10K	MF, 1%, 0204, E24
0	R 847	57.60.1102		1K	MF, 1%, 0204, E24
0	R 850	57.60.1271		270R	MF, 1%, 0204, E24
0	R 851	57.60.1181		180R	MF, 1%, 0204, E24
0	R 852	57.60.1103		10K	MF, 1%, 0204, E24
0	R 853	57.60.1103		10K	MF, 1%, 0204, E24
0	R 854	57.60.1102		1K	MF, 1%, 0204, E24
0	R 855	57.60.1000		0R0	MF, 0204
0	R 856	57.60.1000		0R0	MF, 0204
0	R 857	57.60.1000		0R0	MF, 0204
0	R 858	57.60.1000		0R0	MF, 0204
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XIC 52	53.03.0166		8p	DIL 0.3", löt, gerade

End of List

Comments

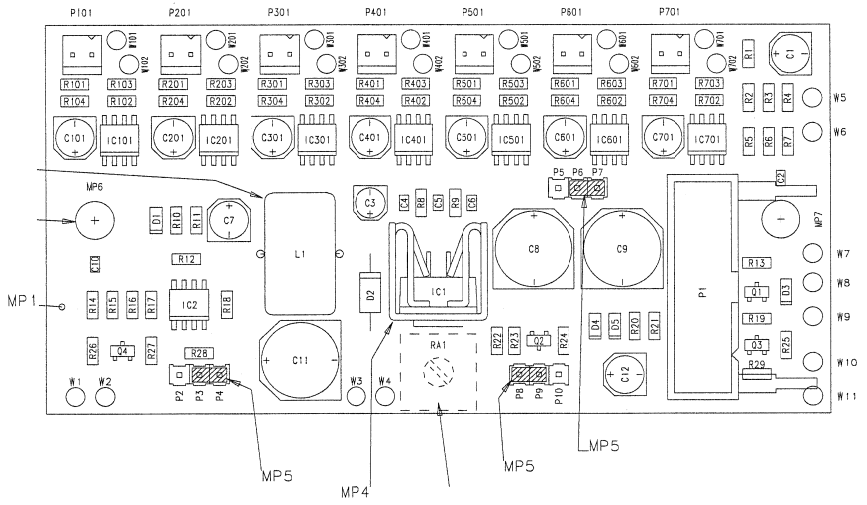
Fan Regulation 1.940.596.81





Erstellt	30.09.1999 LC			
	DS-D Rack		PAGE 1 OF 1	
STUDER	Fan Regulation		SC 1.940.596 81	

Fan Regulation 1.940.596.81



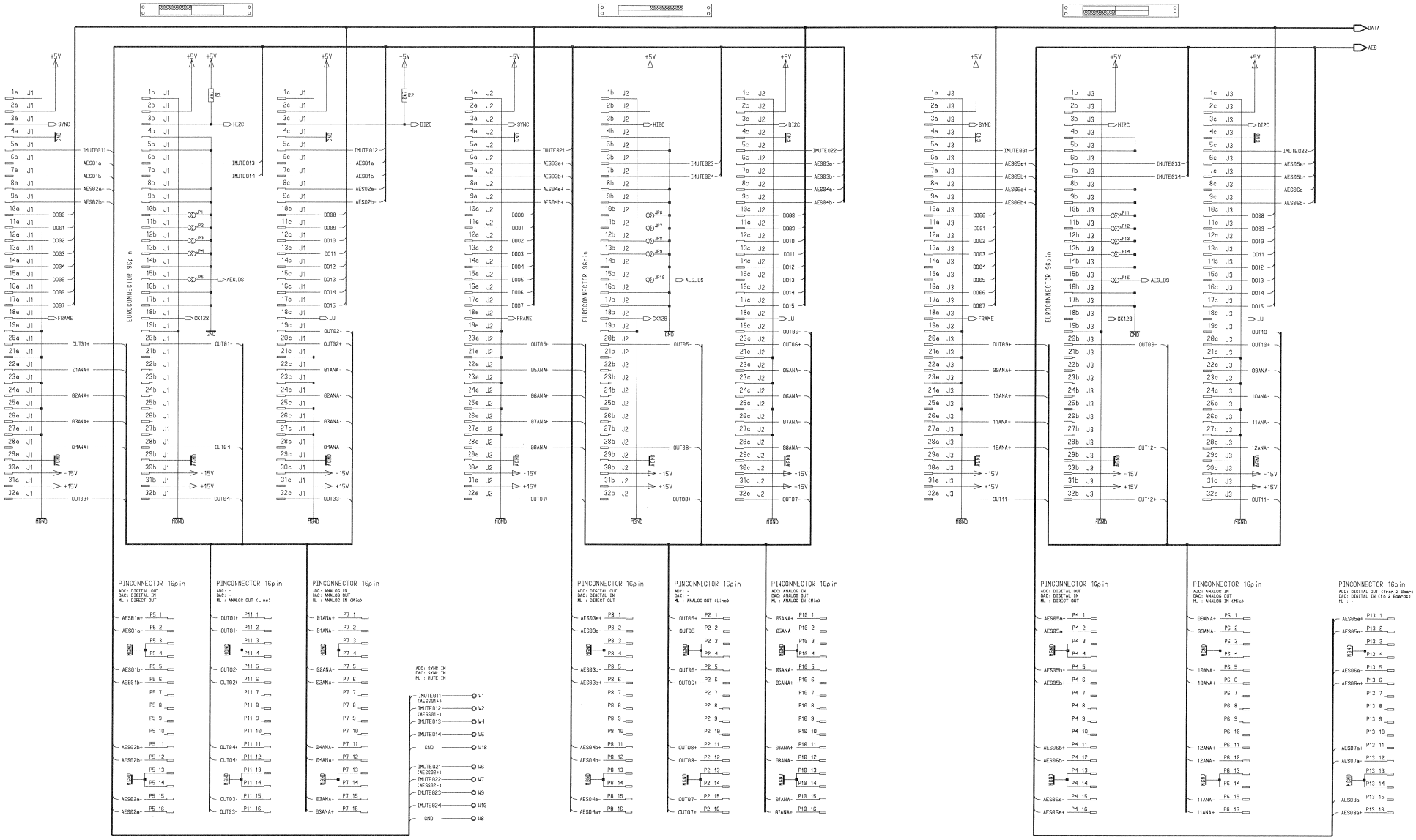
Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 3	59.68.0129		2u2	C-EL 50V, 4.0*5.7
0	C 4	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3331		33n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 8	59.68.0117		220u	C-EL 35V, 10 *10.7
0	C 9	59.68.0117		220u	C-EL 35V, 10 *10.7
0	C 10	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 11	59.68.0075		470u	C-EL 16V, 10 *10.7
0	C 12	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 101	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 201	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 301	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 401	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 501	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 601	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	C 701	59.68.0109		10u	C-EL 35V, 5.0*5.7
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	50.04.0512		1N5818	D 1N 5818, 1N 5819,
0	D 3	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8001		4448	200mA 75V 4ns SOD 80
0	IC 1	50.10.0118		L4962	IC L 4962 E,
0	IC 2	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 101	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 201	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 301	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 401	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 501	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 601	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 701	50.61.9001		LM393	Dual voltage comp. SO 8
0	L 1	62.03.0005		250uH	1A Toroid Chocke
0	MP 1	1.940.596.12			Fan Regulation PCB
0	MP 2	1.940.596.10			Nr. Etikette
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	50.20.3011			Kühlkörper, TO 220, vertikal
0	MP 5	54.01.0021	3 pcs	Jumper	0.63 * 0.63mm
0	MP 6	1.010.016.22			NIETMUTTER SW 6 M 3 * 5
0	MP 7	1.010.016.22			NIETMUTTER SW 6 M 3 * 5
0	P 1	54.14.2102		16p	P STECKER 16 P,AU,VR,GERADE
0	P 2	54.01.0020		1p	Pin 0.63*0.63
0	P 3	54.01.0020		1p	Pin 0.63*0.63
0	P 4	54.01.0020		1p	Pin 0.63*0.63
0	P 5	54.01.0020		1p	Pin 0.63*0.63
0	P 6	54.01.0020		1p	Pin 0.63*0.63
0	P 7	54.01.0020		1p	Pin 0.63*0.63
0	P 8	54.01.0020		1p	Pin 0.63*0.63
0	P 9	54.01.0020		1p	Pin 0.63*0.63
0	P 10	54.01.0020		1p	Pin 0.63*0.63
0	P 101	54.12.0702		2p	Stecker gerade PCB
0	P 201	54.12.0702		2p	Stecker gerade PCB
0	P 301	54.12.0702		2p	Stecker gerade PCB
0	P 401	54.12.0702		2p	Stecker gerade PCB
0	P 501	54.12.0702		2p	Stecker gerade PCB
0	P 601	54.12.0702		2p	Stecker gerade PCB
0	P 701	54.12.0702		2p	Stecker gerade PCB
0	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 3	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	Q 4	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	R 1	57.60.1103		10K	MF, 1%, 0204, E24
0	R 2	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 3	57.60.1271		270R	MF, 1%, 0204, E24
0	R 4	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 5	57.60.1333		33K	MF, 1%, 0204, E24
0	R 6	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 7	57.60.1101		100R	MF, 1%, 0204, E24
0	R 8	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 9	57.60.1153		15K	MF, 1%, 0204, E24
0	R 10	57.60.1104		100K	MF, 1%, 0204, E24
0	R 11	57.60.1103		10K	MF, 1%, 0204, E24
0	R 12	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 13	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 14	57.60.1103		10K	MF, 1%, 0204, E24
0	R 15	57.60.1333		33K	MF, 1%, 0204, E24
0	R 16	57.60.1103		10K	MF, 1%, 0204, E24
0	R 17	57.60.1104		100K	MF, 1%, 0204, E24
0	R 18	57.60.1103		10K	MF, 1%, 0204, E24
0	R 19	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 20	57.60.1103		10K	MF, 1%, 0204, E24
0	R 21	57.60.1103		10K	MF, 1%, 0204, E24
0	R 22	57.60.1182		1K8	MF, 1%, 0204, E24
0	R 23	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 24	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 25	57.60.1333		33K	MF, 1%, 0204, E24
0	R 26	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 27	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 28	57.60.1333		33K	MF, 1%, 0204, E24
0	R 29	57.60.1333		33K	MF, 1%, 0204, E24
0	R 101	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 102	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 103	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 104	57.60.1339		3R3	MF, 1%, 0204, E24
0	R 201	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 202	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 203	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 204	57.60.1339		3R3	MF, 1%, 0204, E24
0	R 301	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 302	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 303	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 304	57.60.1339		3R3	MF, 1%, 0204, E24
0	R 401	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 402	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 403	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 404	57.60.1339		3R3	MF, 1%, 0204, E24
0	R 501	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 502	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 503	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 504	57.60.1339		3R3	MF, 1%, 0204, E24
0	R 601	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 602	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 603	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 604	57.60.1339		3R3	MF, 1%, 0204, E24
0	R 701	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 702	57.60.1335		3M3	MF, 1%, 0204, E24
0	R 703	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 704	57.60.1339		3R3	MF, 1%, 0204, E24
0	RA 1	58.01.8502		5k	Cermet, 10%, 0.5W, horizontal

End of List

Comments

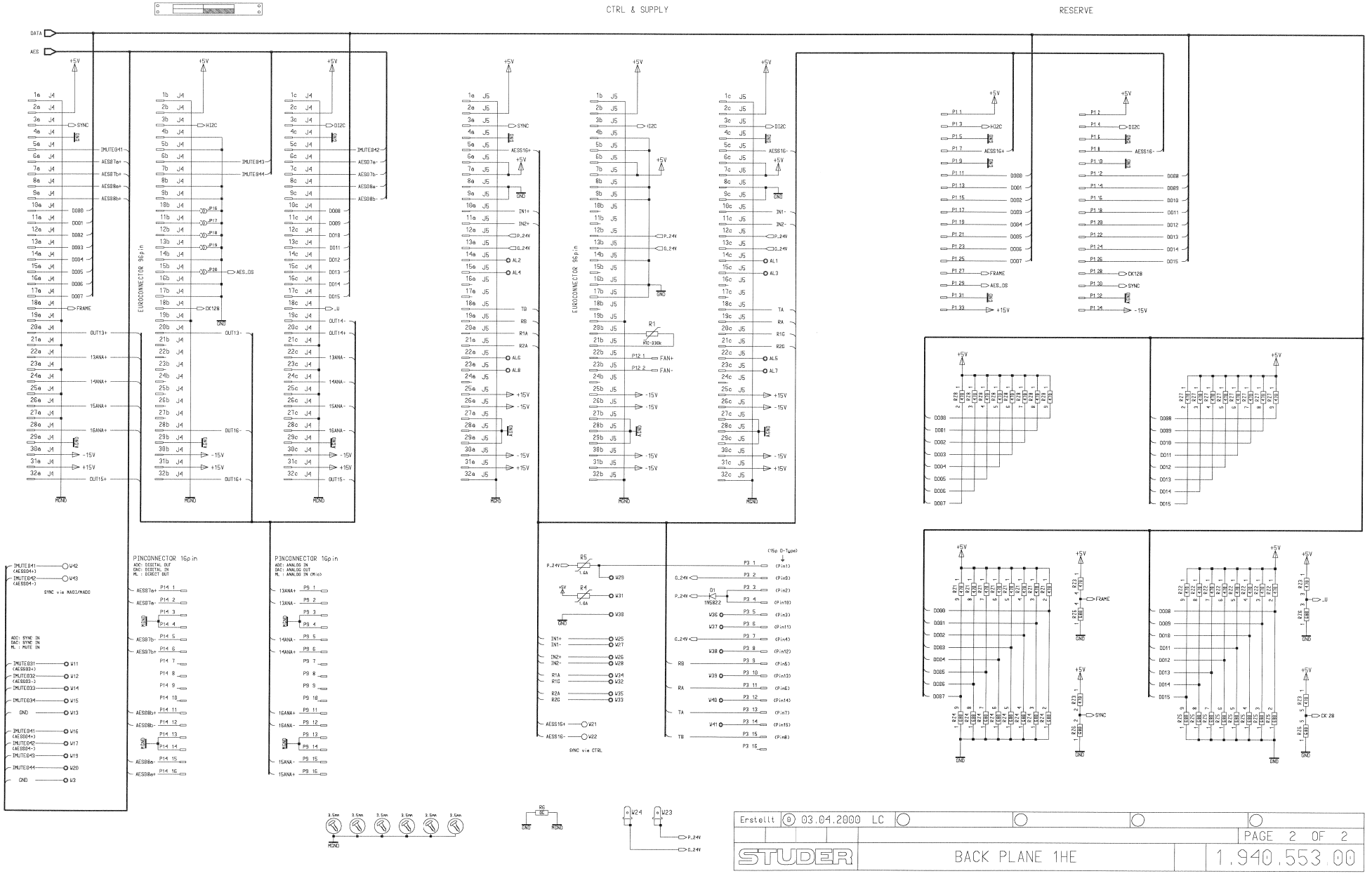
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Substitute for: / Ersatz fuer: .			Page: / Seite: 1 / 1		
STUDER REGENSDORF	Description / Benennung: Fan Regulation, ESE		Z	Number: / Nummer: 1.940.596.81	

Back Plane 1U 1.940.553.00 (0)

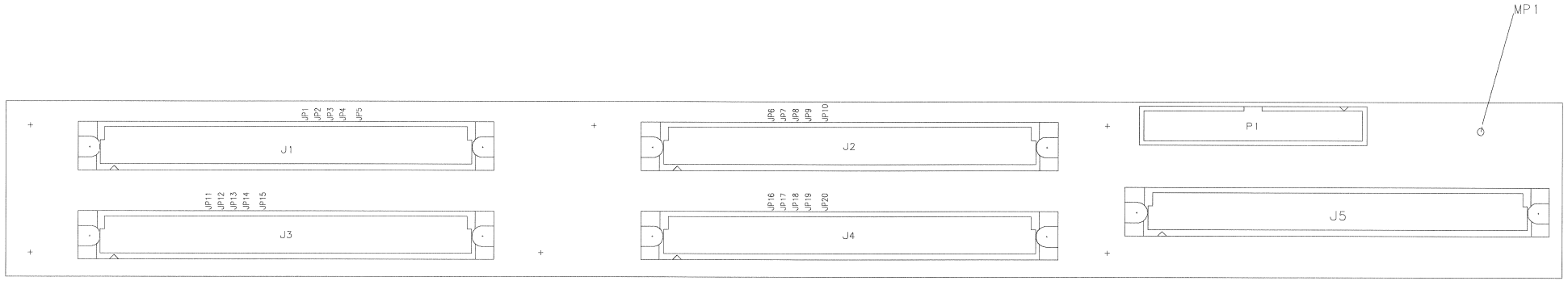


Erstellt © 03.04.2000 LC				PAGE 1 OF 2
STUDER	BACK PLANE 1HE			1.940.553.00

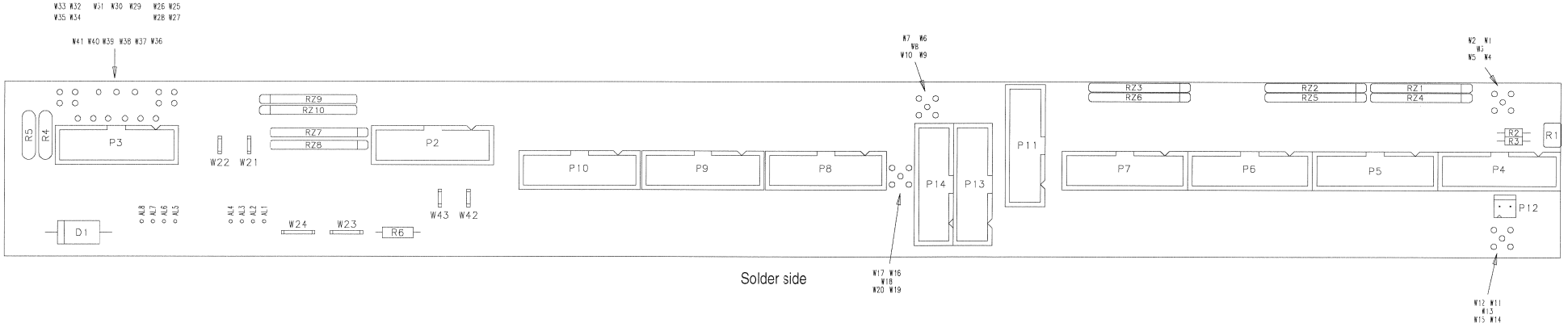
Back Plane 1U 1.940.553.00 (0)



Back Plane 1U 1.940.553.00 (0)



Component side



Solder side

Accompanying documents: Zugehoerige Unterlagen: PL	General tolerance: Freimasstoleranz: .	Scale: Massstab: .	Edition Ausgabe	03.04.2000 Date Datum	LC Visa Gez.	ML Checked Gepr.	RL Seen Ges.	0 Index
Substitute for: Ersatz fuer: .			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: BACK PLANE 1HE			Number: Nummer: 1.940.553.00				

Date printed: 26.09.02

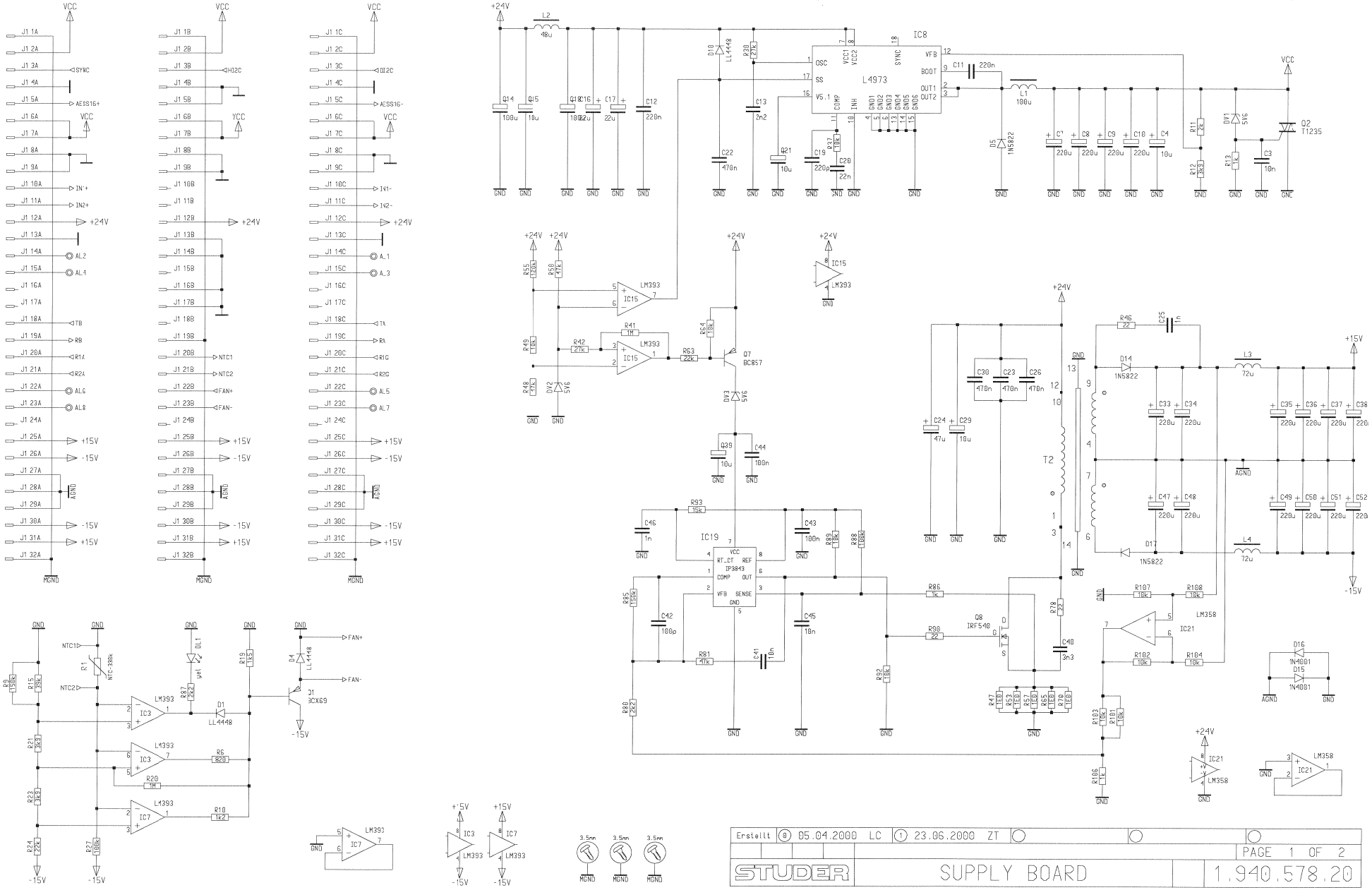
Back Plane 1U 1.940.553.00 (0)

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0	D 1	50.04.0519		1N5822	3A, Schottky
0	J 1	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 2	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 3	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 4	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	J 5	1.940.550.01			MESSERLEISTE 96 pol DIN 41612
0	MP 1	1.940.553.11	mp		BACK PLANE 1HE PCB
0	MP 2	1.940.553.04	mp		NR. ETIKETTE 5 * 20
0	P 1	not used		34p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 3	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 5	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 6	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 7	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 8	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 9	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 10	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 11	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 12	54.12.0702		2p	Stecker gerade PCB
0	P 13	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 14	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	R 1	57.99.0801		330k	NTC, 5%
0	R 2	57.10.1272		2k7	MF, 1%, 0204
0	R 3	57.10.1272		2k7	MF, 1%, 0204
0	R 4	57.92.7053		1.6A	PTC 30V
0	R 5	57.92.7053		1.6A	PTC 30V
0	R 6	57.11.3000		0R0	MF, 0207
0	RZ 1	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 2	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 3	57.88.4471		470R	8*R Resistor-Netw 2% SIP9
0	RZ 4	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 5	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 6	57.88.4681		680R	8*R Resistor-Netw 2% SIP9
0	RZ 7	not used		470R	8*R Resistor-Netw 2% SIP9
0	RZ 8	not used		470R	8*R Resistor-Netw 2% SIP9
0	RZ 9	not used		680R	8*R Resistor-Netw 2% SIP9
0	RZ 10	not used		680R	8*R Resistor-Netw 2% SIP9
0	W 21	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 22	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 23	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 24	54.02.0335		1p	PCB-Flachst 6.3*0.8, gerade
0	W 42	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	W 43	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade

End of List

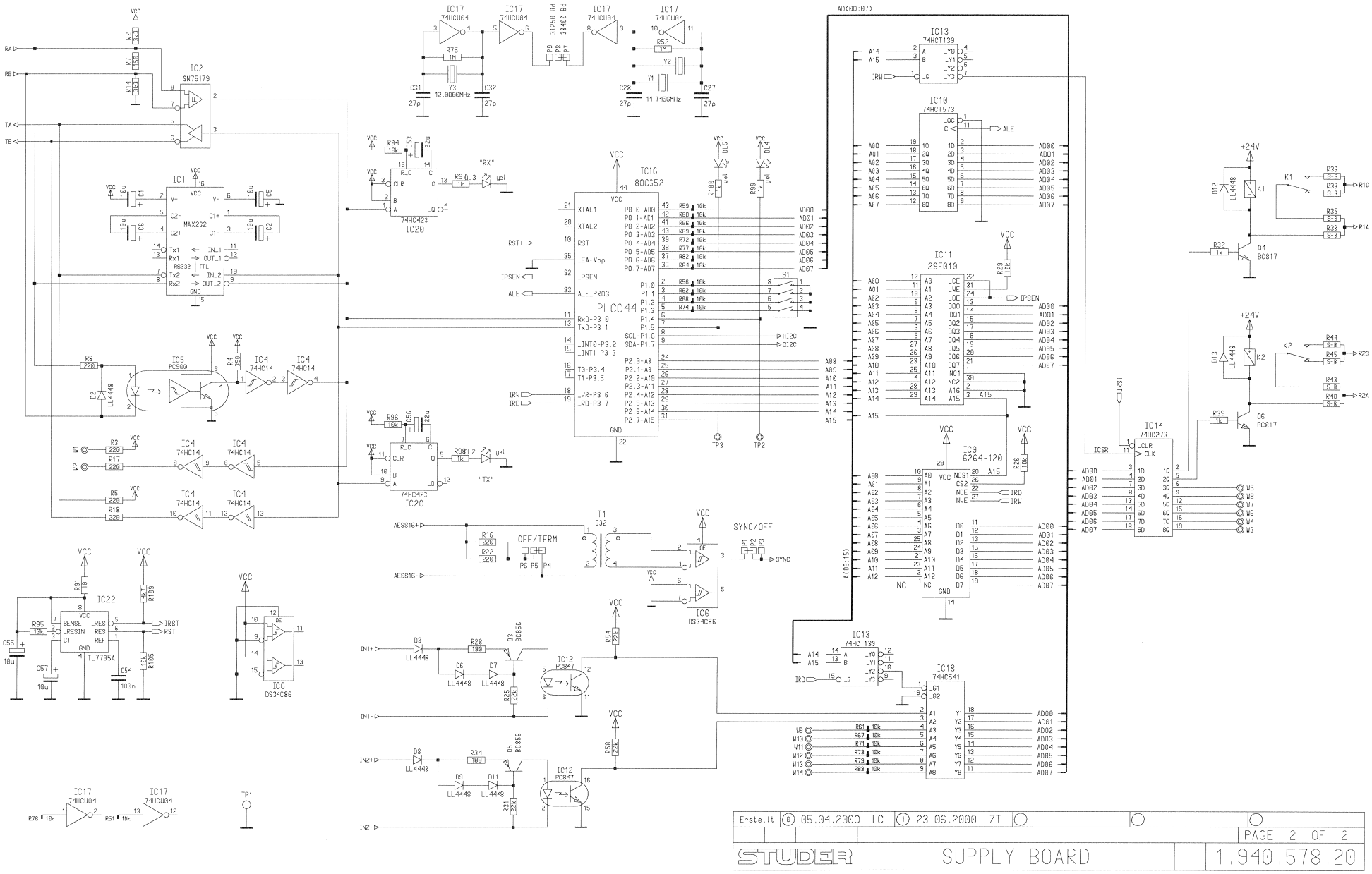
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

Supply Board 1.940.578.20 (1)



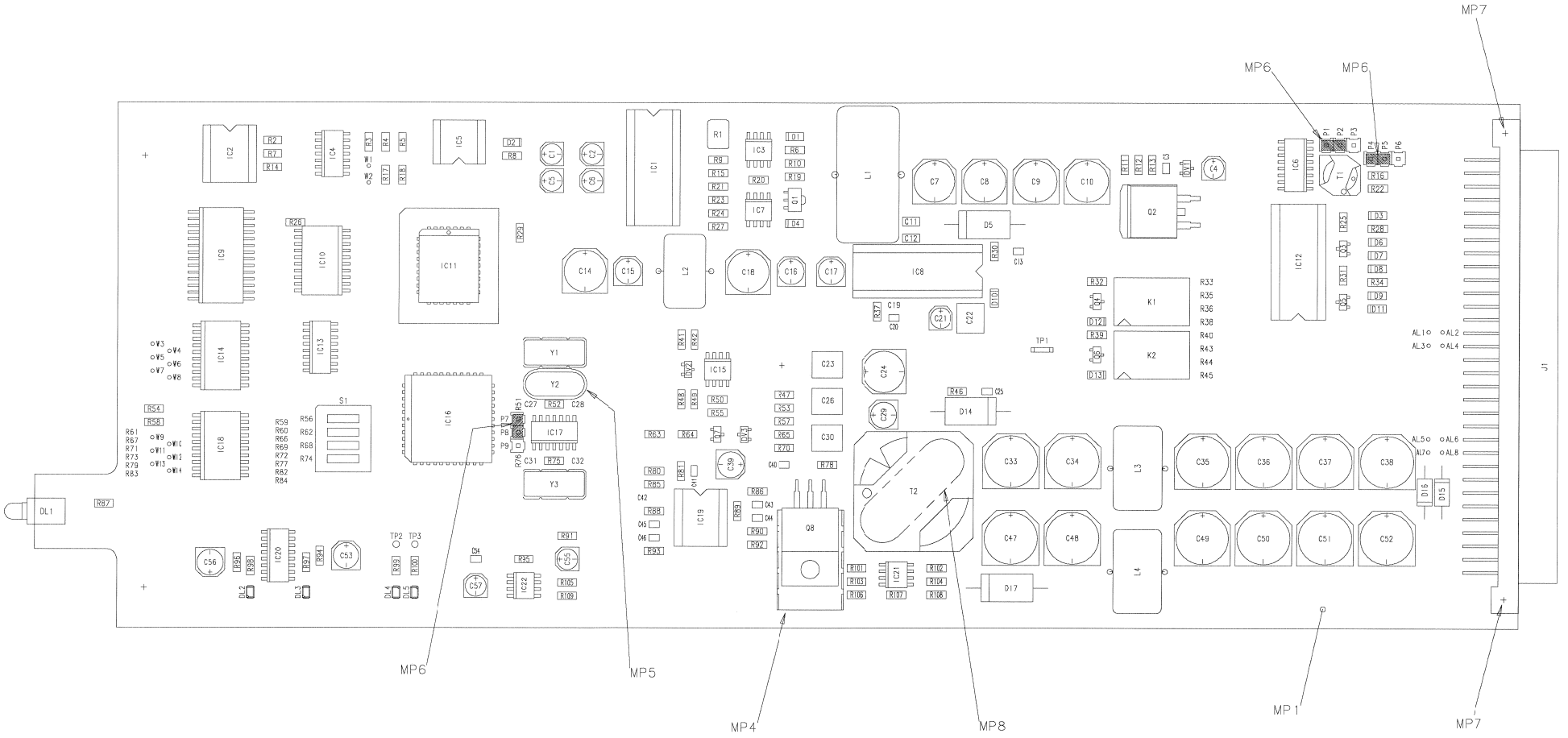
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Supply Board 1.940.578.20 (1)



Date printed: 26.09.02

Supply Board 1.940.578.20 (1)



Accompanying documents: Zugehoerige Unterlagen: PL, BV640	General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition Ausgabe	23.06.2000 Date Datum	LC Visa Gez.	ML Checked Gepr.	RL Seen Ges.	1 Index
Substitute for: Ersatz fuer: 1.940.578.20 Index 0			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: SUPPLY BOARD, ESE		Number: Nummer:	1.940.578.20				

Date printed: 26.09.02

Supply Board 1.940.578.20 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 2	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 3	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 4	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 5	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 6	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 7	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7
0	C 8	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7
0	C 9	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7
0	C 10	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7
0	C 11	59.60.3441	1 pce	220n	CER 50V, 10%, X7R, 1206
0	C 12	59.60.3441	1 pce	220n	CER 50V, 10%, X7R, 1206
0	C 13	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 14	59.68.0115	1 pce	100u	EL 35V, 8.0*10.7
0	C 15	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 16	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 17	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 18	59.68.0115	1 pce	100u	EL 35V, 8.0*10.7
0	C 19	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603
0	C 20	59.60.3329	1 pce	22n	CER 50V, 10%, X7R, 0805
0	C 21	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 22	59.60.3845	1 pce	470n	CER 50V, 10%, X7R, 2220
1	C 23	59.63.0133	1 pce	470n	PEN 50V, 5%, 2220
0	C 24	59.68.0113	1 pce	47u	EL 35V, 8.0*6.3
0	C 25	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
1	C 26	59.63.0133	1 pce	470n	PEN 50V, 5%, 2220
0	C 27	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 28	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 29	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
1	C 30	59.63.0133	1 pce	470n	PEN 50V, 5%, 2220
0	C 31	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 32	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 33	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 34	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 35	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 36	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 37	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 38	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 39	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 40	59.60.3319	1 pce	3n3	CER 50V, 10%, X7R, 0805
0	C 41	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 43	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 46	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 47	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 48	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 49	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 50	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 51	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 52	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 53	not used	1 pce	22u	EL 16V, 5.0*5.7
0	C 54	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 55	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 56	not used	1 pce	22u	EL 16V, 5.0*5.7
0	C 57	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	not used	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 5	50.04.0519	1 pce	1N5822	3A, Schottky
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 11	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 12	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 13	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 14	50.04.0519	1 pce	1N5822	3A, Schottky
0	D 15	50.04.0122	1 pce	1N4001	1A, DO 41
0	D 16	50.04.0122	1 pce	1N4001	1A, DO 41
0	D 17	50.04.0519	1 pce	1N5822	3A, Schottky
0	DL 1	50.04.2752	1 pce	yel	LED mit Halter
0	DL 2	not used	1 pce	yel	SMD LED yellow
0	DL 3	not used	1 pce	yel	SMD LED yellow
0	DL 4	not used	1 pce	yel	SMD LED yellow
0	DL 5	not used	1 pce	yel	SMD LED yellow
0	DV 1	50.60.9011	1 pce	5V6	5%, 0.2W, SOT 23
0	DV 2	50.60.9011	1 pce	5V6	5%, 0.2W, SOT 23
0	DV 3	50.60.9011	1 pce	5V6	5%, 0.2W, SOT 23
0	IC 1	not used	1 pce	MAX232	IC MAX 232 CPE
0	IC 2	50.15.0126	1 pce	75179B	IC SN 75179B P
0	IC 3	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 4	not used	1 pce	74HC 14	Hex Schmitt trigger inverter
0	IC 5	not used	1 pce	PC900V	DLQ PC 900 V
0	IC 6	50.62.0463	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 7	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 8	50.10.0127	1 pce	4973V3.3	Switching Reg 3.3V 3.5A
0	IC 9	50.63.1502	1 pce	6264	SRAM 8K*8, 120ns
0	IC 10	50.62.3573	1 pce	74HCT573	Octal D-type latch
0	IC 11	1.940.982.21	1 pce		SW 576 Control (50.63.1303)
0	IC 12	50.04.2138	1 pce	PC847	DLQ PC-847 , EE-CM 4
0	IC 13	50.62.3139	1 pce	74HCT139	Dual 2 to 4 line decoder
0	IC 14	50.62.1273	1 pce	74HC273	Octal D-FF with reset
0	IC 15	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 16	50.63.0009	1 pce	80C652	MPU 8bit
0	IC 17	50.62.1904	1 pce	74HCU04	Hex inverter unbuffered
0	IC 18	50.62.1541	1 pce	74HC541	Octal buffer line driver/recei
0	IC 19	50.10.0113	1 pce	3843	IC IP 3843 N
0	IC 20	not used	1 pce	74HC423	Dual multivibr monost retrigg
0	IC 21	50.61.0202	1 pce	LM358	Op-Amp single supply
0	IC 22	50.63.2001	1 pce	7705B	Reset Generator
0	J 1	54.11.2009	1 pce	96p	EU-R 3*32p
0	K 1	not used	1 pce	2*u	24V 125V 2A Ag/Au
0	K 2	not used	1 pce	2*u	24V 125V 2A Ag/Au
0	L 1	62.03.0040	1 pce	100uH	5A Toroid Chocke
0	L 2	62.03.0010	1 pce	48uH	2A Toroid Chocke
0	L 3	62.03.0015	1 pce	72uH	2A Toroid Chocke
0	L 4	62.03.0015	1 pce	72uH	2A Toroid Chocke
0	MP 1	1.940.578.11	1 pce		Supply Board PCB
0	MP 2	1.940.578.04	1 pce		NR. ETIKETTE 5 * 20
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	50.20.3004	1 pce		Kühlkörper, TO 220, horizontal
0	MP 5	not used	1 pce		QUARZ - ISOLIERPLATTE
0	MP 6	54.01.0021	3 pcs	Jumper	0.63*0.63mm, Au
0	MP 7	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
1	MP 8	1.010.005.61	1 pce		UNTERLAGE ZU RM 10
0	P 1	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 2	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 3	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 4	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 5	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 6	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 7	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 8	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 9	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	Q 1	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 2	50.60.7001		BT138B	Triac 8A, 600V, SOT 404
0	Q 3	50.60.1003	1 pce	BC856B	PNP 65V 100mA SOT 23
0	Q 4	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 5	50.60.1003	1 pce	BC856B	PNP 65V 100mA SOT 23
0	Q 6	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 7	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 8	50.03.1509	1 pce	IRF540	N-VMOS-FET 100V, 27A
0	R 1	not used	1 pce	330k	NTC, 5%
0	R 2	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 3	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 4	not used	1 pce	390R	MF, 1%, 0204, E24
0	R 5	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 6	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0	R 7	57.60.1151	1 pce	150R	MF, 1%, 0204, E24
0	R 8	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 9	57.60.1154	1 pce	150k	MF, 1%, 0204, E24
0	R 10	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24
0	R 11	57.60.1202	1 pce	2k0	MF, 1%, 0204, E24
0	R 12	57.60.1392	1 pce	3k9	MF, 1%, 0204, E24
0	R 13	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 14	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 15	57.60.1393	1 pce	39k	MF, 1%, 0204, E24
0	R 16	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 17	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 18	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 19	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 20	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 21	57.60.1392	1 pce	3k9	MF, 1%, 0204, E24
0	R 22	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 23	57.60.1392	1 pce	3k9	MF, 1%, 0204, E24
0	R 24	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 25	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 26	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 27	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 28	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0	R 29	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 30	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0	R 31	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 32	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 33	57.60.1000	1 pce	0R0	MF, 0204
0	R 34	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0	R 37	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 39	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 40	57.60.1000	1 pce	0R0	MF, 0204
0	R 41	57.60.1105	1 pce	1M	MF, 1%, 0204, E24

Supply Board 1.940.578.20 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 42	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0	R 46	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 47	57.60.1109	1 pce	1R	MF, 1%, 0204, E24
0	R 48	57.60.1473	1 pce	47k	MF, 1%, 0204, E24
0	R 49	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 50	57.60.1473	1 pce	47k	MF, 1%, 0204, E24
0	R 51	57.69.1097	1 pce	10k	CF 5% 0603
0	R 52	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 53	57.60.1109	1 pce	1R	MF, 1%, 0204, E24
0	R 54	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 55	57.60.1124	1 pce	120k	MF, 1%, 0204, E24
0	R 56	57.69.1097	1 pce	10k	CF 5% 0603
0	R 57	57.60.1109	1 pce	1R	MF, 1%, 0204, E24
0	R 58	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 59	57.69.1097	1 pce	10k	CF 5% 0603
0	R 60	57.69.1097	1 pce	10k	CF 5% 0603
0	R 61	57.69.1097	1 pce	10k	CF 5% 0603
0	R 62	57.69.1097	1 pce	10k	CF 5% 0603
0	R 63	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 64	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 65	57.60.1109	1 pce	1R	MF, 1%, 0204, E24
0	R 66	57.69.1097	1 pce	10k	CF 5% 0603
0	R 67	57.69.1097	1 pce	10k	CF 5% 0603
0	R 68	57.69.1097	1 pce	10k	CF 5% 0603
0	R 69	57.69.1097	1 pce	10k	CF 5% 0603
0	R 70	57.60.1109	1 pce	1R	MF, 1%, 0204, E24
0	R 71	57.69.1097	1 pce	10k	CF 5% 0603
0	R 72	57.69.1097	1 pce	10k	CF 5% 0603
0	R 73	57.69.1097	1 pce	10k	CF 5% 0603
0	R 74	57.69.1097	1 pce	10k	CF 5% 0603
0	R 75	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 76	57.69.1097	1 pce	10k	CF 5% 0603
0	R 77	57.69.1097	1 pce	10k	CF 5% 0603
0	R 78	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 79	57.69.1097	1 pce	10k	CF 5% 0603
0	R 80	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 81	not used	1 pce	47k	MF, 1%, 0204, E24
0	R 82	57.69.1097	1 pce	10k	CF 5% 0603
0	R 83	57.69.1097	1 pce	10k	CF 5% 0603
0	R 84	57.69.1097	1 pce	10k	CF 5% 0603
0	R 85	57.60.1154	1 pce	150k	MF, 1%, 0204, E24
0	R 86	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 87	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 88	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 89	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 90	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 91	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 92	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 93	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 94	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 95	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 96	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 97	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 98	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 99	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 100	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 101	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 102	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 103	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 104	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 105	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 106	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 107	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 108	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 109	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	S 1	55.01.0164	1 pce	4*a	DIL-Switch, PCB
0	T 1	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 2	1.022.654.00	1 pce		TRAFO +/-14V
0	TP 1	not used	1 pce	2.8*0.8	PCB-Flachstecker, gerade
0	XIC 11	53.03.2232	1 pce	32p	PLCC-Socket
0	Y 1	89.60.1007	1 pce	14.7456MHz	SMD Quartz
0	Y 2	not used	1 pce	12.000MHz	XTAL HC 49/U
0	Y 3	89.60.1003	1 pce	12.000MHz	SMD Quartz

End of List

(01) C23,C26,C30: 1.0uF -> 0.47uF
MP8 added

CIRCUIT DIAGRAMS: D19m INPUT INTERFACE CARDS

C4AD Board 1.940.560

C4AD NS Board 1.940.561

C4AD/24 Board 1.940.562

C4AD NS/24 Board 1.940.563

MP4RC Board 1.940.575

RCC Board 1.940.576

AESI Board 1.940.580

Block Diagram AESI SFC Board 1.940.540
AESI SFC Board 1.940.540

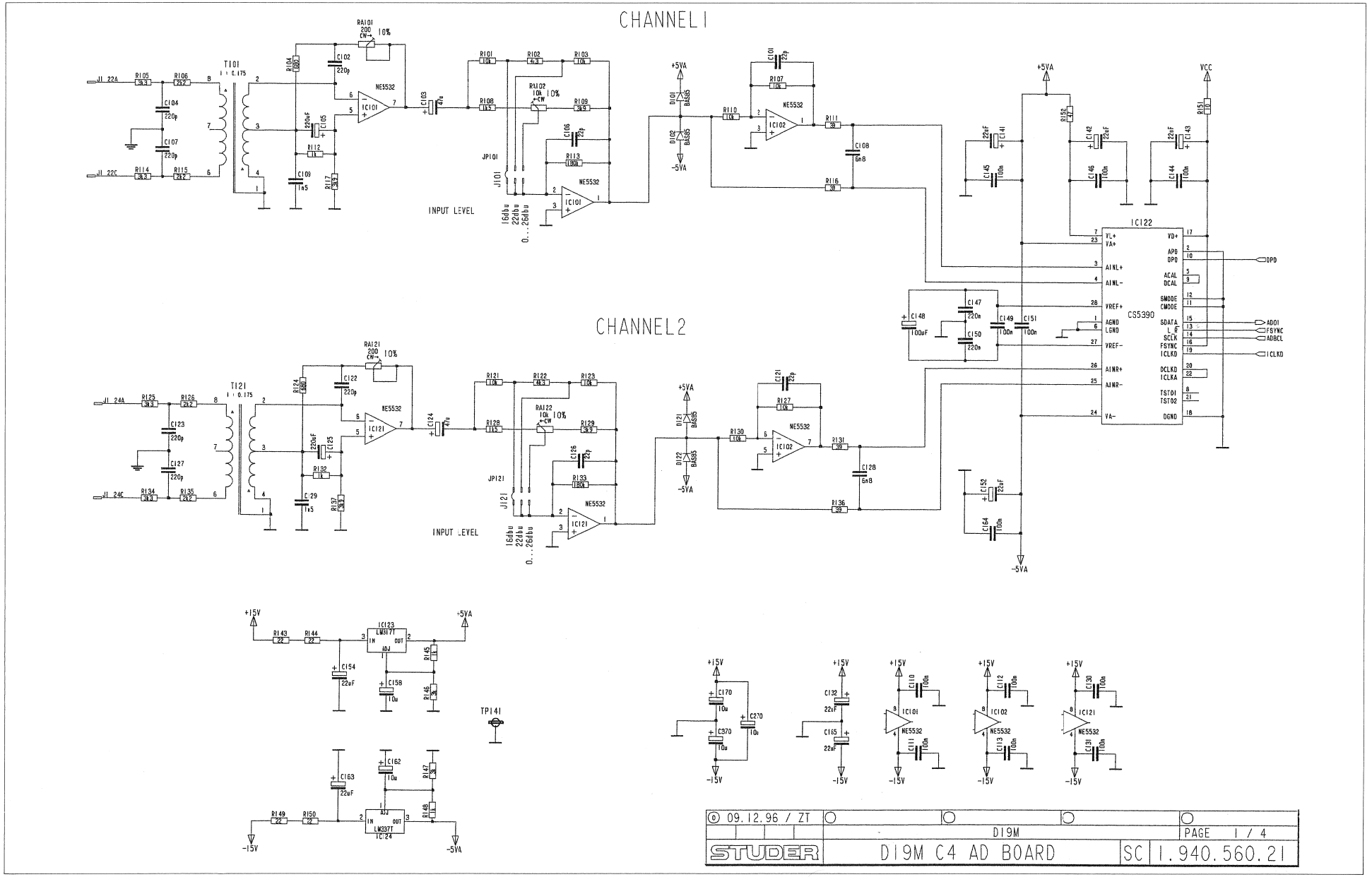
Block Diagram MADI 1.940.500/1.940.510
MADI Coaxial 1.940.500
MADI Optical 1.940.510

MADI Optical 1.940.511
MADI Optical with redundant MADI IN 1.940.512

TDIFI Interface 1.940.480
TDIFI Interface with AES Out 1.950.481

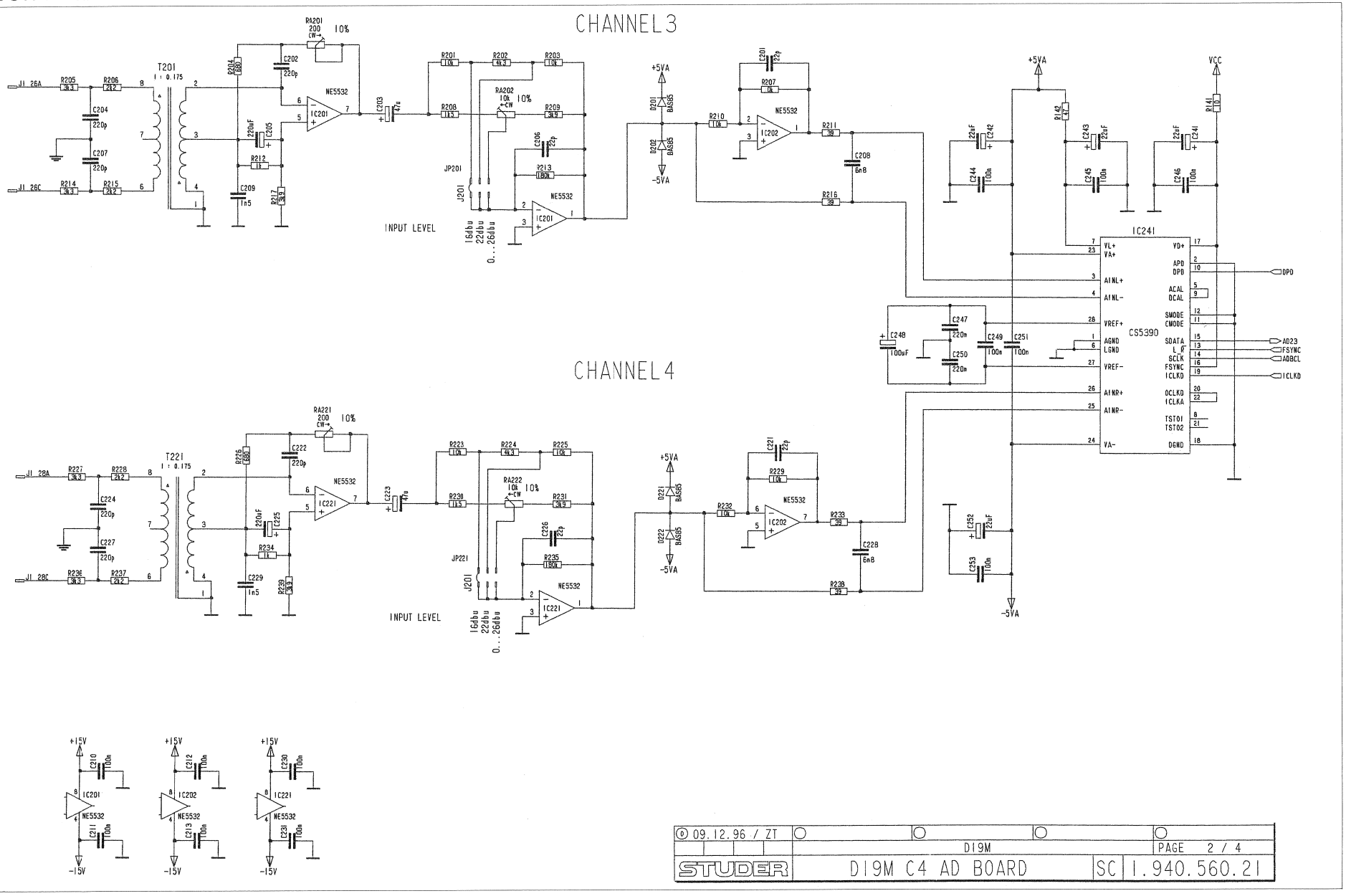
ADATI Interface 1.940.490
ADATI Interface with AES Out 1.940.491

D19M C4 AD Board 1.940.560.21



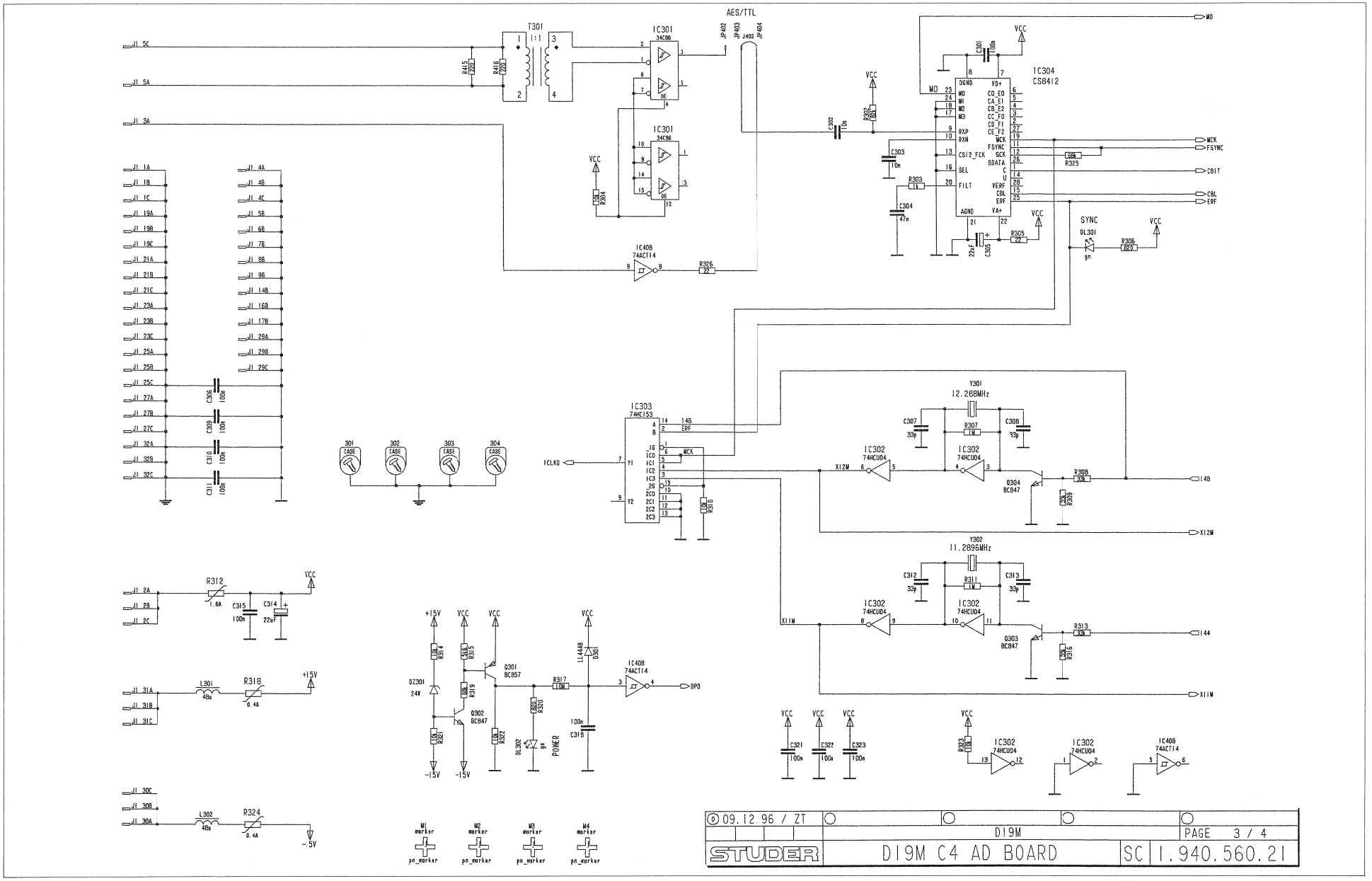
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	D19M			PAGE 1 / 4
STUDER	D19M C4 AD BOARD		SC	1.940.560.21

D19M C4 AD Board 1.940.560.21



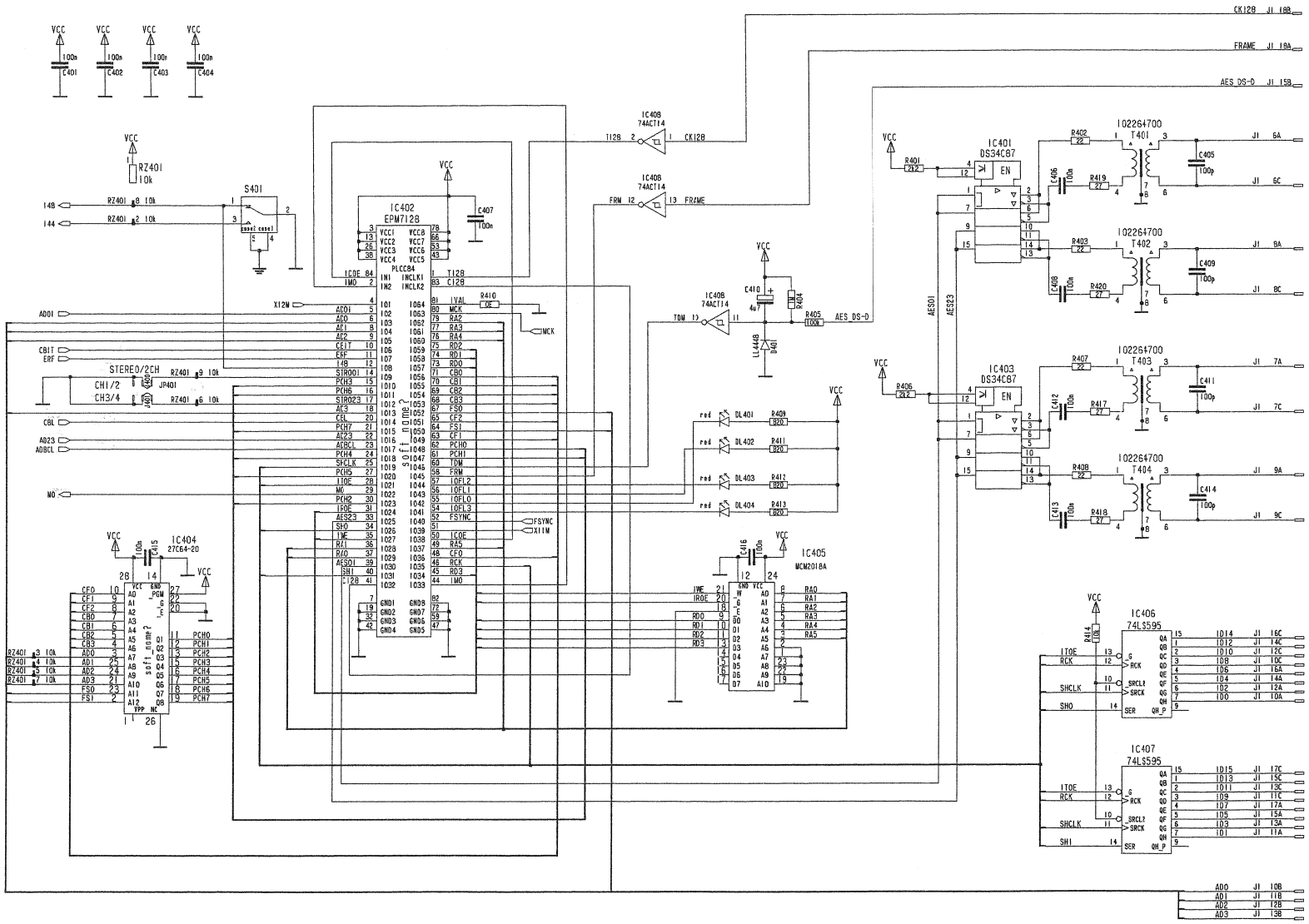
09.12.96 / ZT				
	D19M			PAGE 2 / 4
STUDER	D19M C4 AD BOARD	SC	1.940.560.21	

D19M C4 AD Board 1.940.560.21



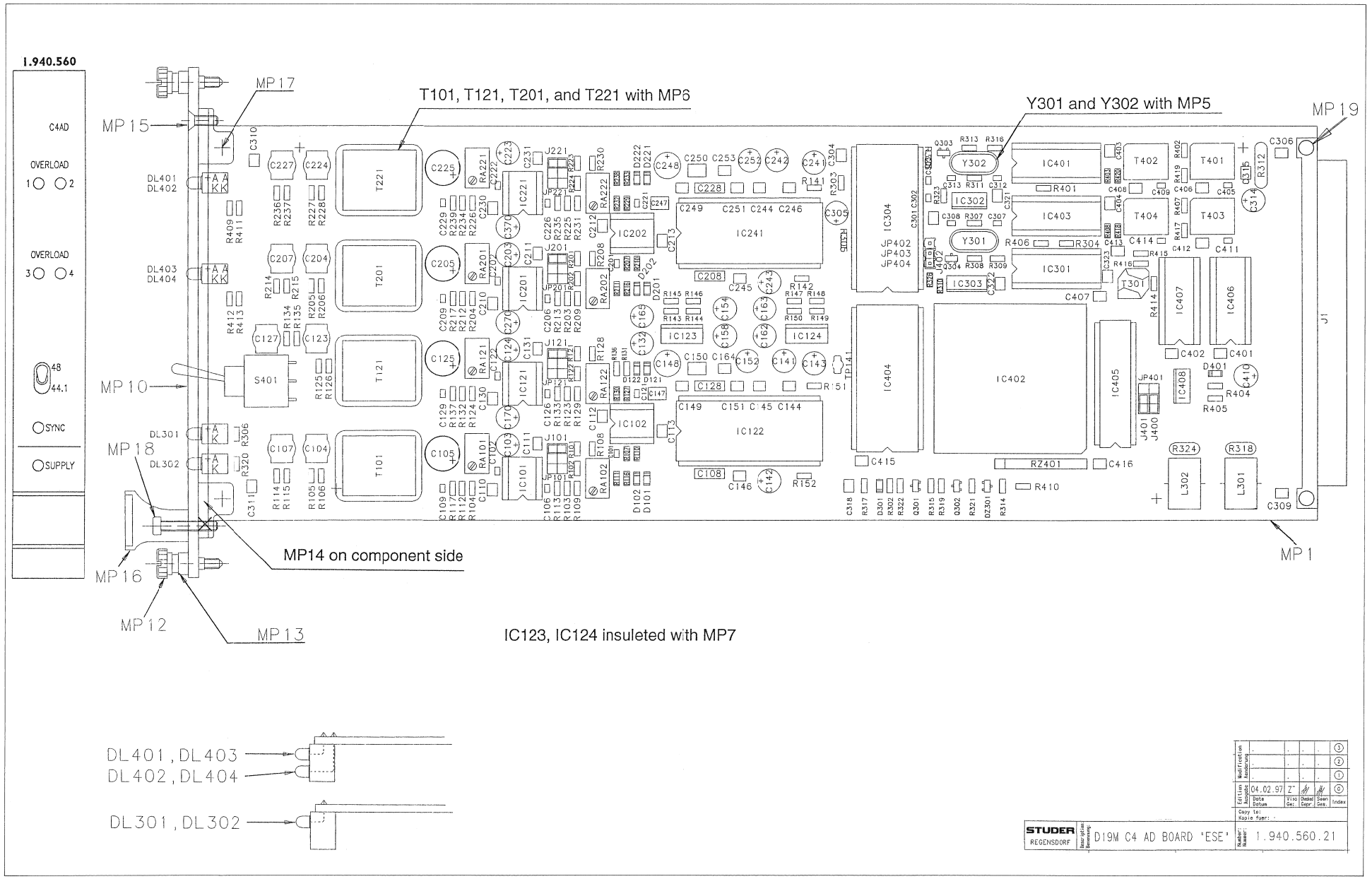
09.12.96 / ZT		D19M	PAGE 3 / 4
STUDER	D19M C4 AD BOARD	SC	1.940.560.21

D19M C4 AD Board 1.940.560.21



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STUDER	D19M C4 AD BOARD	SC	1.940.560.21

D19M C4 AD Board 1.940.560.21



Edition Modification Änderung					
					3
					2
					1
04.02.97	Z				0
Date Datum	Visa Ges.	Checked Gepr.	Sect. Ges.	Index	

Copy to: Kopie für:

STUDER REGENSDORF — Description Benennung: D19M C4 AD BOARD 'ESE' — Number Nummer: 1.940.560.21

D19M C4 AD Board 1.940.560.21

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 101	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 102	59.60.0221		220p	CER 63V, 5%, C0G, 0805
0	C 103	59.22.3470		47u	EL 10V, 20%, RM5
0	C 104	59.05.1221		220p	PP, 1%, 630V
0	C 105	59.22.3221		220u	EL 10V, 20%, RM5
0	C 106	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 107	59.05.1221		220p	PP, 1%, 630V
0	C 108	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 109	59.60.1152		1n5	CER 63V, 10%, X7R, 0805
0	C 110	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 111	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 112	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 113	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 121	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 122	59.60.0221		220p	CER 63V, 5%, C0G, 0805
0	C 123	59.05.1221		220p	PP, 1%, 630V
0	C 124	59.22.3470		47u	EL 10V, 20%, RM5
0	C 125	59.22.3221		220u	EL 10V, 20%, RM5
0	C 126	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 127	59.05.1221		220p	PP, 1%, 630V
0	C 128	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 129	59.60.1152		1n5	CER 63V, 10%, X7R, 0805
0	C 130	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 131	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 132	59.22.5220		22u	EL 25V, 20%, RM5
0	C 141	59.22.5220		22u	EL 25V, 20%, RM5
0	C 142	59.22.5220		22u	EL 25V, 20%, RM5
0	C 143	59.22.5220		22u	EL 25V, 20%, RM5
0	C 144	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 145	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 146	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 147	59.60.1224		220n	CER 63V, 10%, X7R, 1812
0	C 148	59.22.3101		100u	EL 10V, 20%, RM5
0	C 149	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 150	59.60.1224		220n	CER 63V, 10%, X7R, 1812
0	C 151	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 152	59.22.5220		22u	EL 25V, 20%, RM5
0	C 154	59.22.5220		22u	EL 25V, 20%, RM5
0	C 158	59.22.6100		10u	EL 35V, 20%, RM5
0	C 162	59.22.6100		10u	EL 35V, 20%, RM5
0	C 163	59.22.5220		22u	EL 25V, 20%, RM5
0	C 164	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 165	59.22.5220		22u	EL 25V, 20%, RM5
0	C 170	59.22.6100		10u	EL 35V, 20%, RM5
0	C 201	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 202	59.60.0221		220p	CER 63V, 5%, C0G, 0805
0	C 203	59.22.3470		47u	EL 10V, 20%, RM5
0	C 204	59.05.1221		220p	PP, 1%, 630V
0	C 205	59.22.3221		220u	EL 10V, 20%, RM5
0	C 206	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 207	59.05.1221		220p	PP, 1%, 630V
0	C 208	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 209	59.60.1152		1n5	CER 63V, 10%, X7R, 0805
0	C 210	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 211	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 212	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 213	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 221	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 222	59.60.0221		220p	CER 63V, 5%, C0G, 0805
0	C 223	59.22.3470		47u	EL 10V, 20%, RM5
0	C 224	59.05.1221		220p	PP, 1%, 630V
0	C 225	59.22.3221		220u	EL 10V, 20%, RM5
0	C 226	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 227	59.05.1221		220p	PP, 1%, 630V
0	C 228	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 229	59.60.1152		1n5	CER 63V, 10%, X7R, 0805
0	C 230	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 231	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 241	59.22.5220		22u	EL 25V, 20%, RM5
0	C 242	59.22.5220		22u	EL 25V, 20%, RM5
0	C 243	59.22.5220		22u	EL 25V, 20%, RM5
0	C 244	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 245	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 246	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 247	59.60.1224		220n	CER 63V, 10%, X7R, 1812
0	C 248	59.22.3101		100u	EL 10V, 20%, RM5
0	C 249	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 250	59.60.1224		220n	CER 63V, 10%, X7R, 1812
0	C 251	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 252	59.22.5220		22u	EL 25V, 20%, RM5
0	C 253	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 270	59.22.6100		10u	EL 35V, 20%, RM5
0	C 301	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 302	59.60.1103		10n	CER 63V, 10%, X7R, 0805
0	C 303	59.60.1103		10n	CER 63V, 10%, X7R, 0805
0	C 304	59.60.1473		47n	CER 63V, 10%, X7R, 1210
0	C 305	59.22.5220		22u	EL 25V, 20%, RM5
0	C 306	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 307	59.60.0330		33p	CER 63V, 5%, C0G, 0805
0	C 308	59.60.0330		33p	CER 63V, 5%, C0G, 0805
0	C 309	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 310	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 311	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 312	59.60.0330		33p	CER 63V, 5%, C0G, 0805
0	C 313	59.60.0330		33p	CER 63V, 5%, C0G, 0805
0	C 314	59.22.5220		22u	EL 25V 20%, RM5
0	C 315	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 316	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 321	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 322	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 323	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 370	59.22.6100		10u	EL 35V 20%, RM5
0	C 401	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 402	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 403	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 404	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 405	59.60.0101		100p	CER 63V, 5%, C0G, 0805
0	C 406	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 407	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 408	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 409	59.60.0101		100p	CER 63V, 5%, C0G, 0805
0	C 410	59.22.8479		4u7	EL 50V, 20%, RM5
0	C 411	59.60.0101		100p	CER 63V, 5%, C0G, 0805
0	C 412	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 413	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 414	59.60.0101		100p	CER 63V, 5%, C0G, 0805
0	C 415	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	C 416	59.60.1104		100n	CER 63V, 10%, X7R, 1210
0	D 101	50.60.8101		BAS85	D BAS 85 SOD 80
0	D 102	50.60.8101		BAS85	D BAS 85 SOD 80
0	D 121	50.60.8101		BAS85	D BAS 85 SOD 80
0	D 122	50.60.8101		BAS85	D BAS 85 SOD 80
0	D 201	50.60.8101		BAS85	D BAS 85 SOD 80
0	D 202	50.60.8101		BAS85	D BAS 85 SOD 80
0	D 221	50.60.8101		BAS85	D BAS 85 SOD 80
0	D 222	50.60.8101		BAS85	D BAS 85 SOD 80
0	D 301	50.60.8001		4448	D LL 4448 SOD 80
0	D 401	50.60.8001		4448	D LL 4448 SOD 80
0	DL 301	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 302	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 401	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 402	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 403	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 404	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DZ 301	50.60.9026		24V	5%, 0.2W, SOT 23
0	IC 101	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 102	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 121	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 122	50.16.0205		CS5390	IC CS 5390 - KP ,A
0	IC 123	50.10.0104		LM317SP	IC LM 317 SP, ..T,
0	IC 124	50.10.0105		LM337KC	IC LM 337 KC, ..SP, ..T,
0	IC 201	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 202	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 221	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 241	50.19.0205		CS5390	IC CS 5390 - KP ,A
0	IC 301	50.15.0128		24C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 302	50.62.1904		74HCU04	IC .. 74 HCU 04 . ,A
0	IC 303	50.62.1153		74HC153	IC .. 74 HC 153 . ,A
0	IC 304	50.13.0202		CS8412	IC CS 8412-CP ,A
0	IC 401	50.15.0127		24C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 402	1.940.966.21			SW 560 MICADOR (50.63.4205)
0	IC 403	50.15.0127		24C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 404	1.940.968.20			SW 560 ADCBIT (50.14.0155)
0	IC 405	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A
0	IC 406	50.06.0595		74LS595	IC SN 74 LS 595 N
0	IC 407	50.06.0595		74LS595	IC SN 74 LS 595 N
0	IC 408	50.62.6014		74ACT 14	.. 74 ACT 14 .
0	J 1	54.11.2009			J EU-R 1 * 32
0	J 101	54.01.0021		Jumper	0.63 * 0.63mm
0	J 121	54.01.0021		Jumper	0.63 * 0.63mm
0	J 201	54.01.0021		Jumper	0.63 * 0.63mm
0	J 221	54.01.0021		Jumper	0.63 * 0.63mm
0	J 400	54.01.0021		Jumper	0.63 * 0.63mm
0	J 401	54.01.0021		Jumper	0.63 * 0.63mm
0	J 402	54.01.0021		Jumper	0.63 * 0.63mm
0	JP 101	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 121	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 201	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 221	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 401	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 402	54.01.0020		1p	Pin 0.63*0.63
0	JP 403	54.01.0020		1p	Pin 0.63*0.63
0	JP 404	54.01.0020		1p	Pin 0.63*0.63
0	L 301	62.03.0010		48uH	2A Toroid Chocke
0	L 302	62.03.0010		48uH	2A Toroid Chocke
0	MP 1	1.940.560.11			D19M C4 AD BOARD PCB
0	MP 2	1.940.560.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20		Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 5	89.01.1499	2 pcs		QUARZ - ISOLIERPLATTE
0	MP 6	1.022.400.03	4 pcs		ISOLATION
0	MP 7	1.010.127.65	2 pcs		SCHRUMPFSCHLAUCH BL,D 9.5* 15
0	MP 10	1.940.560.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs		Z - SCHR. IS , ZN , M2.5 * 6
0	MP 18	21.53.0284	1 pce		Z - SCHR. IS , ZN , M2.5 * 16
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	Q 301	50.60.1001		BC857B	Q BC 857 B, SOT 23
0	Q 302	50.60.0001		BC847B	Q BC 847 B, SOT 23
0	Q 303	50.60.0001		BC847B	Q BC 847 B, SOT 23
0	Q 304	50.60.0001		BC847B	Q BC 847 B, SOT 23
0	R 101	57.60.1103		10K	MF, 1%, 0204, E24
0	R 102	57.60.1432		4K3	MF, 1%, 0204, E24
0	R 103	57.60.1103		10K	MF, 1%, 0204, E24
0	R 104	57.60.1681		680R	MF, 1%, 0204, E24
0	R 105	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 106	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 107	57.60.1103		10K	MF, 1%, 0204, E24
0	R 108	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 109	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 110	57.60.1103		10K	MF, 1%, 0204, E24
0	R 111	57.60.1390		39R	MF, 1%, 0204, E24
0	R 112	57.60.1102		1K	MF, 1%, 0204, E24
0	R 113	57.60.1184		180K	MF, 1%, 0204, E24
0	R 114	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 115	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 116	57.60.1390		39R	MF, 1%, 0204, E24
0	R 117	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 121	57.60.1103		10K	MF, 1%, 0204, E24
0	R 122	57.60.1432		4K3	MF, 1%, 0204, E24
0	R 123	57.60.1103		10K	MF, 1%, 0204, E24
0	R 124	57.60.1681		680R	MF, 1%, 0204, E24
0	R 125	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 126	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 127	57.60.1103		10K	MF, 1%, 0204, E24
0	R 128	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 129	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 130	57.60.1103		10K	MF, 1%, 0204, E24
0	R 131	57.60.1390		39R	MF, 1%, 0204, E24
0	R 132	57.60.1102		1K	MF, 1%, 0204, E24
0	R 133	57.60.1184		180K	MF, 1%, 0204, E24
0	R 134	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 135	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 136	57.60.1390		39R	MF, 1%, 0204, E24
0	R 137	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 141	57.60.1100		10R	MF, 1%, 0204, E24
0	R 142	57.60.1470		47R	MF, 1%, 0204, E24
0	R 143	57.60.1220		22R	MF, 1%, 0204, E24
0	R 144	57.60.1220		22R	MF, 1%, 0204, E24
0	R 145	57.60.1102		1K	MF, 1%, 0204, E24
0	R 146	57.60.1302		3K0	MF, 1%, 0204, E24
0	R 147	57.60.1302		3K0	MF, 1%, 0204, E24
0	R 148	57.60.1102		1K	MF, 1%, 0204, E24
0	R 149	57.60.1220		22R	MF, 1%, 0204, E24
0	R 150	57.60.1220		22R	MF, 1%, 0204, E24
0	R 151	57.60.1100		10R	MF, 1%, 0204, E24
0	R 152	57.60.1470		47R	MF, 1%, 0204, E24
0	R 201	57.60.1103		10K	MF, 1%, 0204, E24
0	R 202	57.60.1432		4K3	MF, 1%, 0204, E24
0	R 203	57.60.1103		10K	MF, 1%, 0204, E24
0	R 204	57.60.1681		680R	MF, 1%, 0204, E24
0	R 205	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 206	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 207	57.60.1103		10K	MF, 1%, 0204, E24
0	R 208	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 209	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 210	57.60.1103		10K	MF, 1%, 0204, E24
0	R 211	57.60.1390		39R	MF, 1%, 0204, E24
0	R 212	57.60.1102		1K	MF, 1%, 0204, E24
0	R 213	57.60.1184		180K	MF, 1%, 0204, E24
0	R 214	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 215	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 216	57.60.1390		39R	MF, 1%, 0204, E24
0	R 217	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 223	57.60.1103		10K	MF, 1%, 0204, E24
0	R 224	57.60.1432		4K3	MF, 1%, 0204, E24
0	R 225	57.60.1103		10K	MF, 1%, 0204, E24
0	R 226	57.60.1681		680R	MF, 1%, 0204, E24
0	R 227	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 228	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 229	57.60.1103		10K	MF, 1%, 0204, E24
0	R 230	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 231	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 232	57.60.1103		10K	MF, 1%, 0204, E24
0	R 233	57.60.1390		39R	MF, 1%, 0204, E24
0	R 234	57.60.1102		1K	MF, 1%, 0204, E24
0	R 235	57.60.1184		180K	MF, 1%, 0204, E24
0	R 236	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 237	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 238	57.60.1390		39R	MF, 1%, 0204, E24
0	R 239	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 302	57.60.1823		82K	MF, 1%, 0204, E24
0	R 303	57.60.1102		1K	MF, 1%, 0204, E24
0	R 304	57.60.1103		10K	MF, 1%, 0204, E24
0	R 305	57.60.1220		22R	MF, 1%, 0204, E24
0	R 306	57.60.1821		820R	MF, 1%, 0204, E24
0	R 307	57.60.1105		1M	MF, 1%, 0204, E24
0	R 308	57.60.1333		33K	MF, 1%, 0204, E24
0	R 309	57.60.1333		33K	MF, 1%, 0204, E24
0	R 310	57.60.1103		10K	MF, 1%, 0204, E24
0	R 311	57.60.1105		1M	MF, 1%, 0204, E24
0	R 312	57.92.7053		1.6A	POLY- PTC, 30V
0	R 313	57.60.1333		33K	MF, 1%, 0204, E24
0	R 314	57.60.1103		10K	MF, 1%, 0204, E24
0	R 315	57.60.1562		5K6	MF, 1%, 0204, E24
0	R 316	57.60.1333		33K	MF, 1%, 0204, E24
0	R 317	57.60.1106		10M	MF, 2%, 0204, E24
0	R 318	57.92.7019		0.4A	POLY- PTC, 60V
0	R 319	57.60.1683		68K	MF, 1%, 0204, E24
0	R 320	57.60.1821		820R	MF, 1%, 0204, E24
0	R 321	57.60.1103		10K	MF, 1%, 0204, E24
0	R 322	57.60.1103		10K	MF, 1%, 0204, E24
0	R 323	57.60.1103		10K	MF, 1%, 0204, E24
0	R 324	57.92.7019		0.4A	POLY- PTC, 60V
0	R 325	57.60.1683		68K	MF, 1%, 0204, E24
0	R 326	57.60.1220		22R	MF, 1%, 0204, E24
0	R 401	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 402	57.60.1220		22R	MF, 1%, 0204, E24
0	R 403	57.60.1220		22R	MF, 1%, 0204, E24
0	R 404	57.60.1105		1M	MF, 1%, 0204, E24
0	R 405	57.60.1104		100K	MF, 1%, 0204, E24
0	R 406	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 407	57.60.1220		22R	MF, 1%, 0204, E24
0	R 408	57.60.1220		22R	MF, 1%, 0204, E24
0	R 409	57.60.1821		820R	MF, 1%, 0204, E24
0	R 410	57.60.1000		0R0	MF, 0204
0	R 411	57.60.1821		820R	MF, 1%, 0204, E24
0	R 412	57.60.1821		820R	MF, 1%, 0204, E24
0	R 413	57.60.1821		820R	MF, 1%, 0204, E24
0	R 414	57.60.1103		10K	MF, 1%, 0204, E24
0	R 415	57.60.1221		220R	MF, 1%, 0204, E24
0	R 416	57.60.1221		220R	MF, 1%, 0204, E24
0	R 417	57.60.1270		27R	MF, 1%, 0204, E24
0	R 418	57.60.1270		27R	MF, 1%, 0204, E24
0	R 419	57.60.1270		27R	MF, 1%, 0204, E24
0	R 420	57.60.1270		27R	MF, 1%, 0204, E24
0	RA 101	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 102	58.05.1103		10k	10%, 0.5W, Cermet
0	RA 121	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 122	58.05.1103		10k	10%, 0.5W, Cermet
0	RA 201	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 202	58.05.1103		10k	10%, 0.5W, Cermet
0	RA 221	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 222	58.05.1103		10k	10%, 0.5W, Cermet
0	RZ 401	57.88.4103		8*10k	2%, SIP 9
0	S 401	55.11.0202		SPST	Toggle on - none - on
0	T 101	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 121	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 201	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 221	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 301	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 401	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 402	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 403	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 404	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	TP 141	54.02.0320		1p	Flatpin, 2.8*0.8mm

D19M C4 AD Board 1.940.560.21

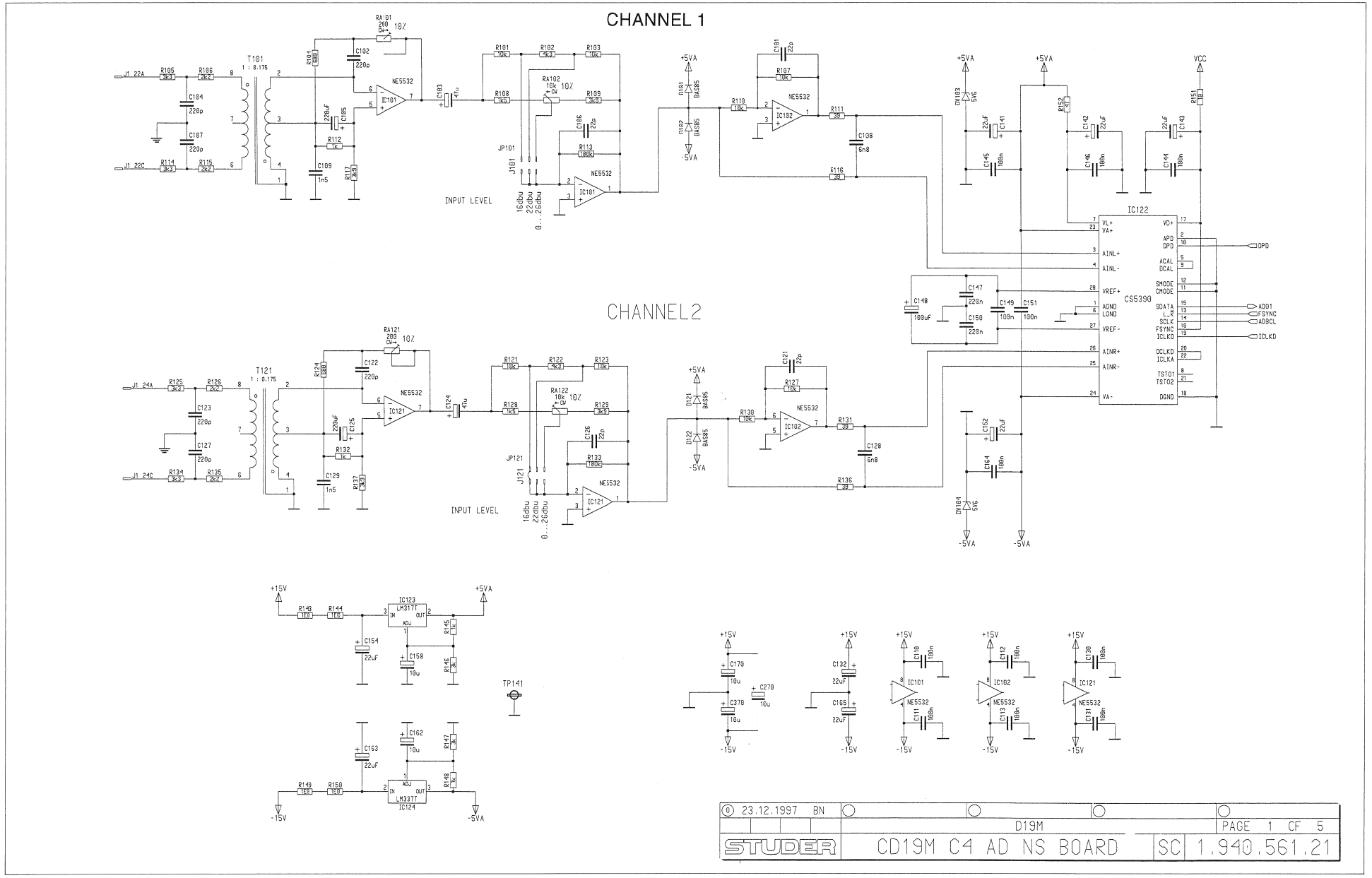
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	XDL 301	50.20.2501		Spacer	LED-Sockel
0	XDL 302	50.20.2501		Spacer	LED-Sockel
0	XDL 401	50.20.2501		Spacer	LED-Sockel
0	XDL 403	50.20.2501		Spacer	LED-Sockel
0	XIC 401	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 402	53.03.2284		PLCC84p	PLCC-Socket 84p
0	XIC 403	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 404	53.03.0173		28p	DIL 0.6", löt, gerade
0	Y 301	89.01.1015		12.288MHz	Y 12.288 MHZ, HC 49/U
0	Y 302	89.01.0559		11.289MHz	Y 11.2896 MHZ,

End of List

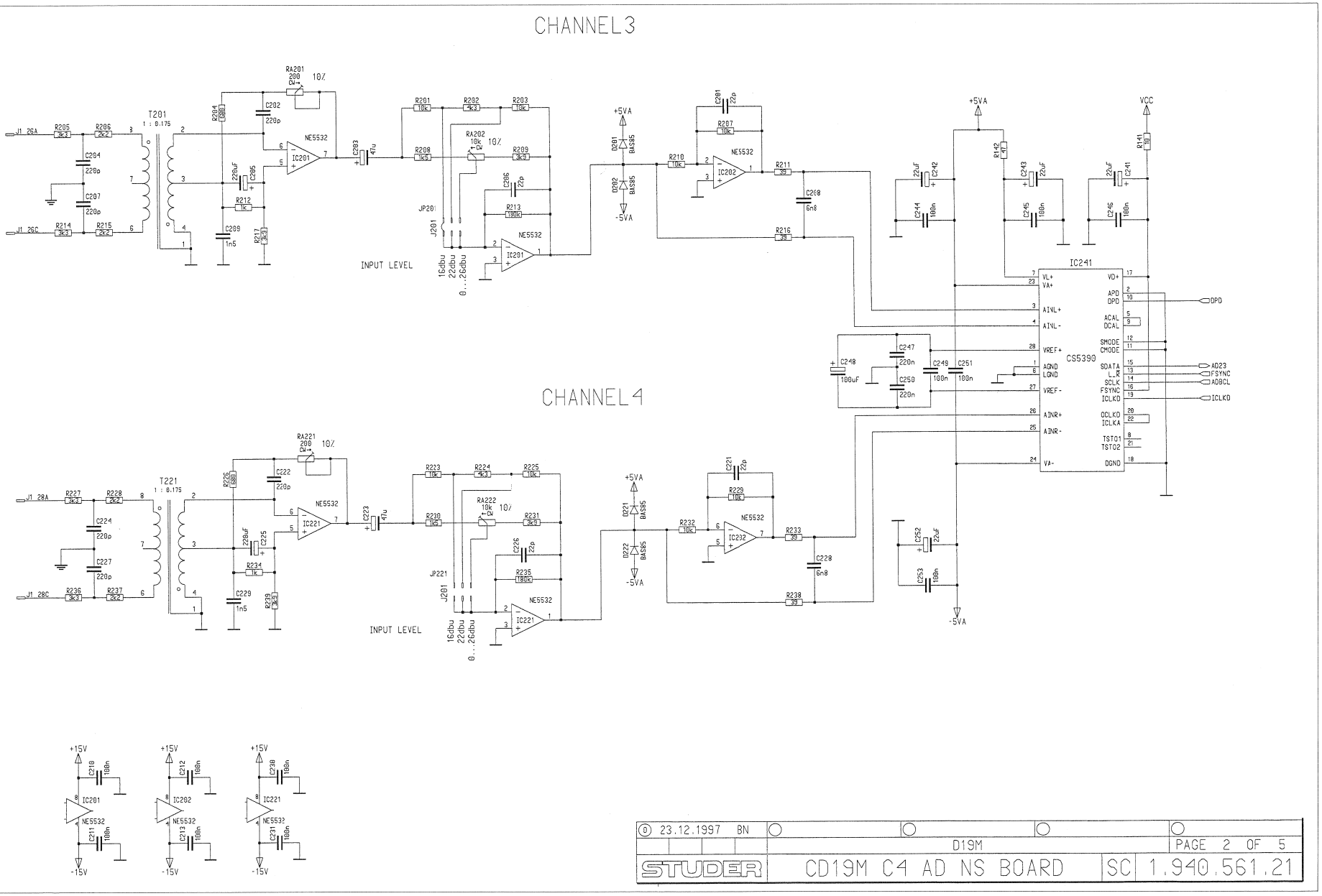
Comments:

IC-Sockel XIC nn entsprechend den IC Nummern bestuecken.
LED-Sockel XDL nn entsprechend den DL Nummern bestücken.

CD19M C4 AD NS Board 1.940.561.21

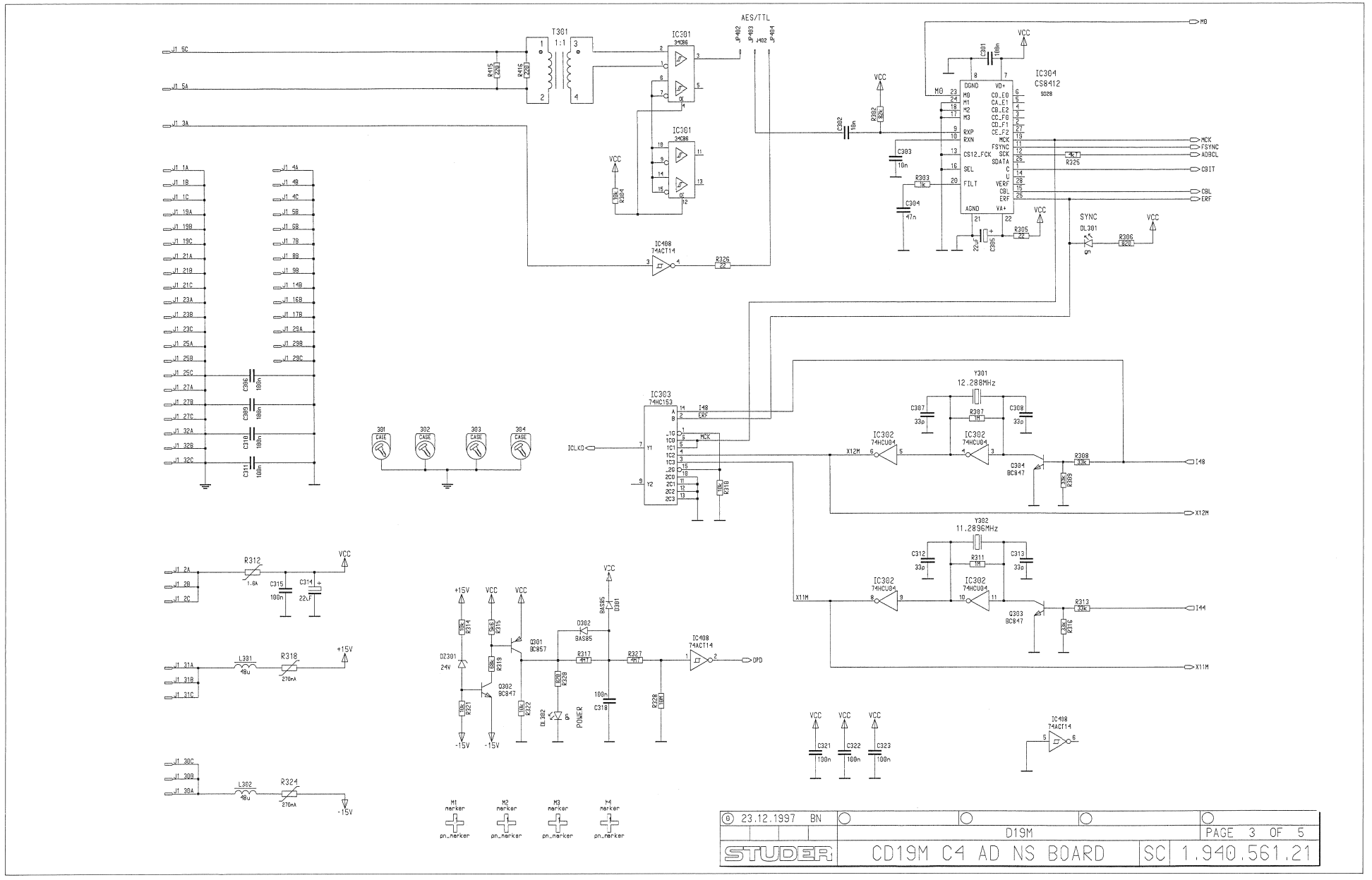


CD19M C4 AD NS Board 1.940.561.21

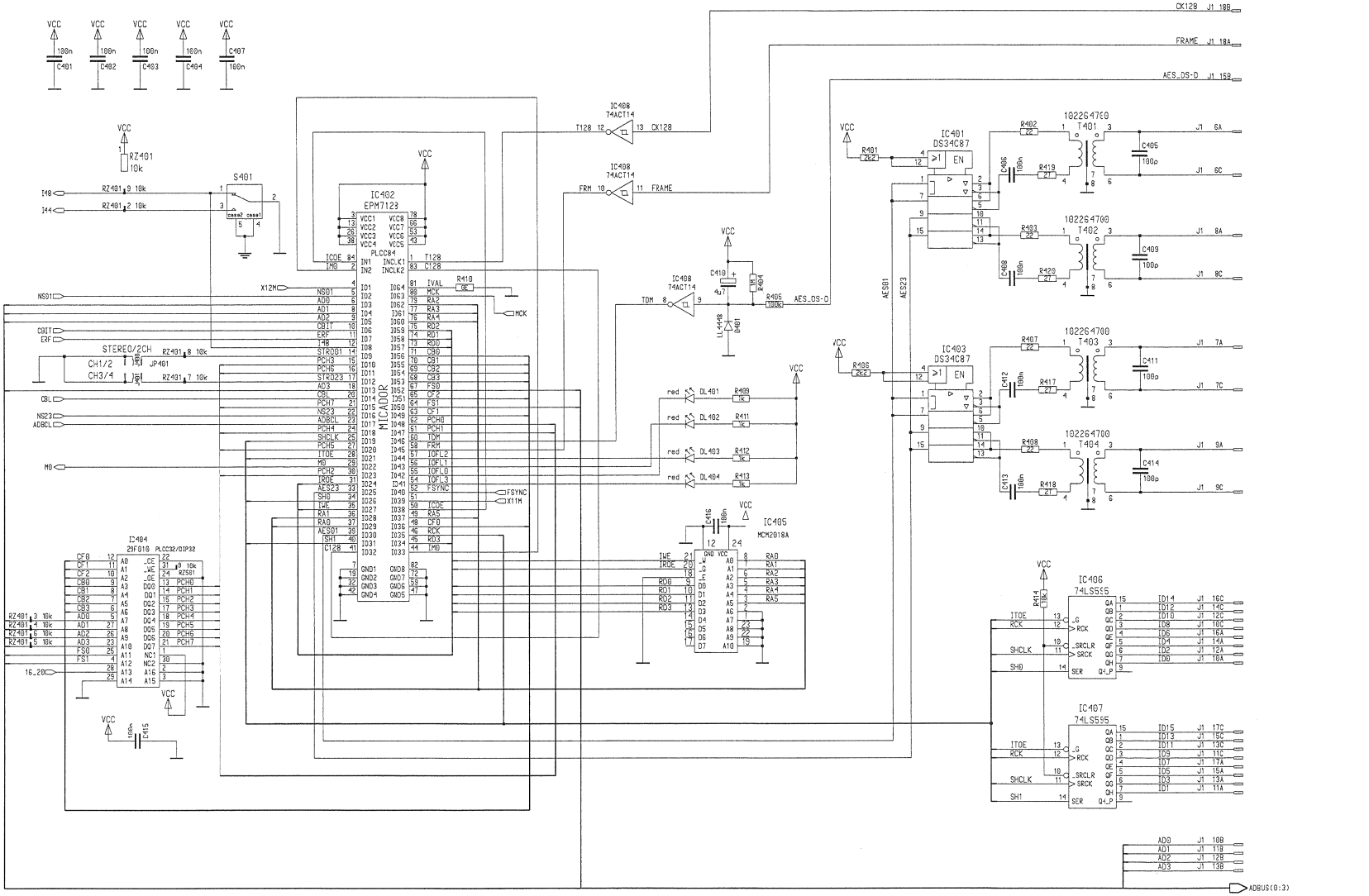


⓪ 23.12.1997 BN				
	D19M			PAGE 2 OF 5
STUDER	CD19M C4 AD NS BOARD	SC	1.940.561.21	

CD19M C4 AD NS Board 1.940.561.21

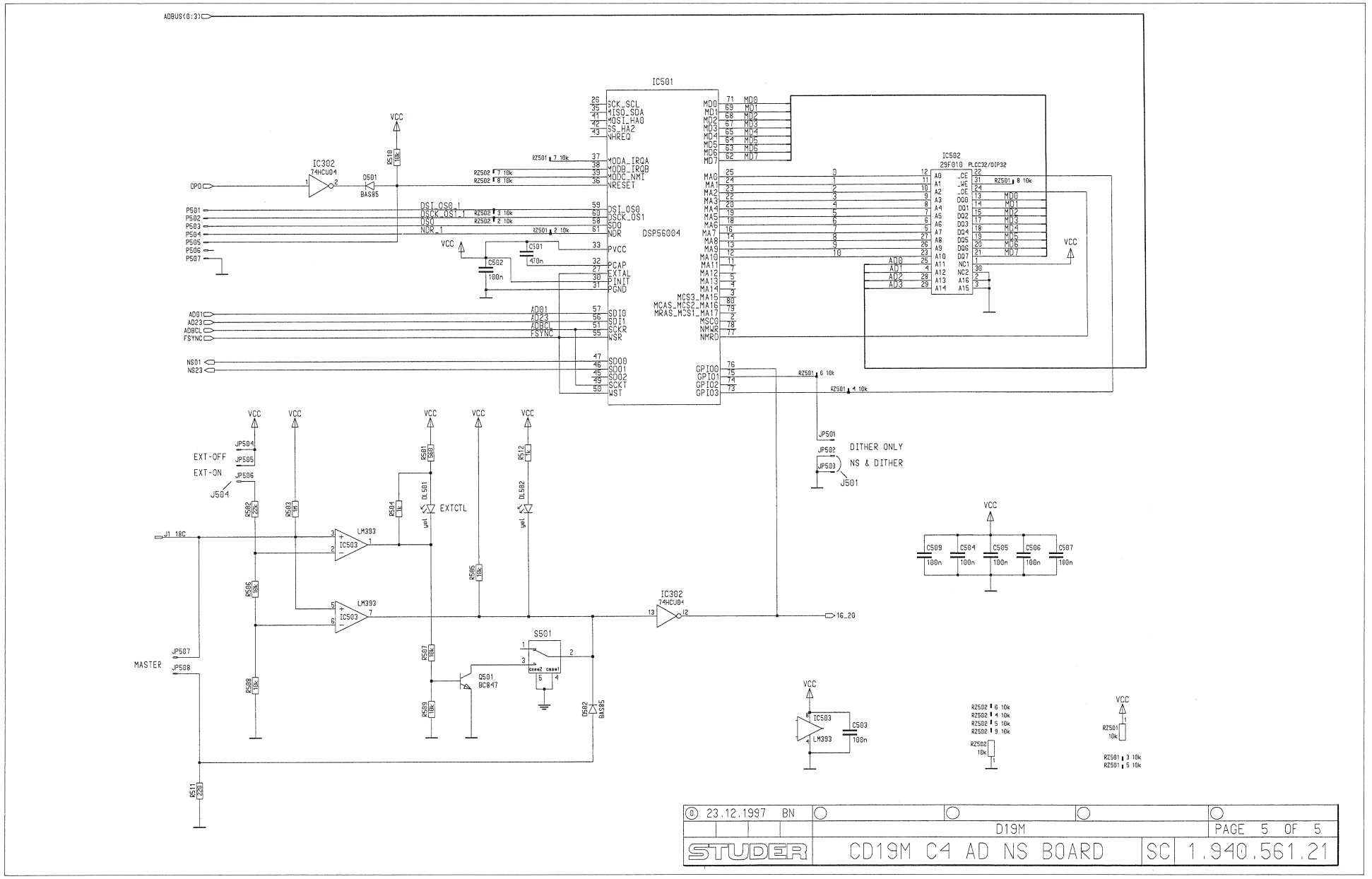


CD19M C4 AD NS Board 1.940.561.21



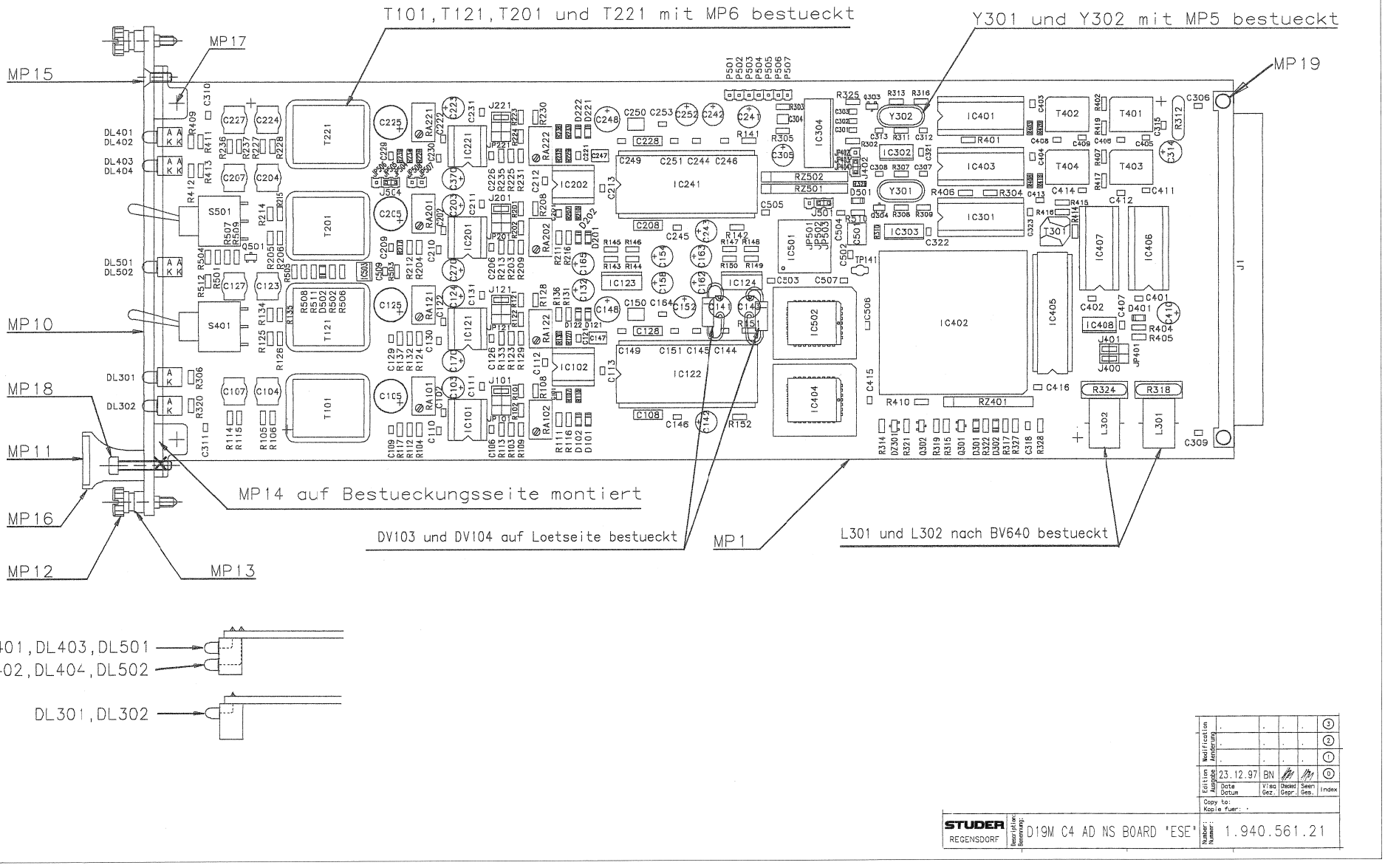
0 23.12.1997 BN				
		D19M		PAGE 4 OF 5
STUDER	CD19M C4 AD NS BOARD		SC	1.940.561.21

CD19M C4 AD NS Board 1.940.561.21



0 23.12.1997 BN			
	D19M		PAGE 5 OF 5
STUDER	CD19M C4 AD NS BOARD	SC	1.940.561.21

CD19M C4 AD NS Board 1.940.561.21



CD19M C4 AD NS Board 1.940.561.21

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 101	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 102	59.60.0221		220p	CER 63V, 5%, C0G, 0805
0	C 103	59.22.3470		47u	EL 10V 20% RM5
0	C 104	59.05.1221		220p	PP, 1%, 630V
0	C 105	59.22.3221		220u	EL 10V 20% RM5
0	C 106	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 107	59.05.1221		220p	PP, 1%, 630V
0	C 108	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 109	59.60.1152		1n5	CER 63V, 10%, X7R, 0805
0	C 110	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 111	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 112	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 113	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 121	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 122	59.60.0221		220p	CER 63V, 5%, C0G, 0805
0	C 123	59.05.1221		220p	PP, 1%, 630V
0	C 124	59.22.3470		47u	EL 10V 20% RM5
0	C 125	59.22.3221		220u	EL 10V 20% RM5
0	C 126	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 127	59.05.1221		220p	PP, 1%, 630V
0	C 128	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 129	59.60.1152		1n5	CER 63V, 10%, X7R, 0805
0	C 130	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 131	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 132	59.22.5220		22u	EL 25V 20% RM5
0	C 141	59.22.5220		22u	EL 25V 20% RM5
0	C 142	59.22.5220		22u	EL 25V 20% RM5
0	C 143	59.22.5220		22u	EL 25V 20% RM5
0	C 144	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 145	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 146	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 147	59.60.1224		220n	CER 63V, 10%, X7R, 1812
0	C 148	59.22.3101		100u	EL 10V 20% RM5
0	C 149	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 150	59.60.1224		220n	CER 63V, 10%, X7R, 1812
0	C 151	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 152	59.22.5220		22u	EL 25V 20% RM5
0	C 154	59.22.5220		22u	EL 25V 20% RM5
0	C 158	59.22.6100		10u	EL 35V 20% RM5
0	C 162	59.22.6100		10u	EL 35V 20% RM5
0	C 163	59.22.5220		22u	EL 25V 20% RM5
0	C 164	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 165	59.22.5220		22u	EL 25V 20% RM5
0	C 170	59.22.6100		10u	EL 35V 20% RM5
0	C 201	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 202	59.60.0221		220p	CER 63V, 5%, C0G, 0805
0	C 203	59.22.3470		47u	EL 10V 20% RM5
0	C 204	59.05.1221		220p	PP, 1%, 630V
0	C 205	59.22.3221		220u	EL 10V 20% RM5
0	C 206	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 207	59.05.1221		220p	PP, 1%, 630V
0	C 208	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 209	59.60.1152		1n5	CER 63V, 10%, X7R, 0805
0	C 210	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 211	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 212	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 213	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 221	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 222	59.60.0221		220p	CER 63V, 5%, C0G, 0805
0	C 223	59.22.3470		47u	EL 10V 20% RM5
0	C 224	59.05.1221		220p	PP, 1%, 630V
0	C 225	59.22.3221		220u	EL 10V 20% RM5
0	C 226	59.60.0220		22p	CER 63V, 5%, C0G, 0805
0	C 227	59.05.1221		220p	PP, 1%, 630V
0	C 228	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 229	59.60.1152		1n5	CER 63V, 10%, X7R, 0805
0	C 230	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 231	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 241	59.22.5220		22u	EL 25V 20% RM5
0	C 242	59.22.5220		22u	EL 25V 20% RM5
0	C 243	59.22.5220		22u	EL 25V 20% RM5
0	C 244	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 245	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 246	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 247	59.60.1224		220n	CER 63V, 10%, X7R, 1812
0	C 248	59.22.3101		100u	EL 10V 20% RM5
0	C 249	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 250	59.60.1224		220n	CER 63V, 10%, X7R, 1812
0	C 251	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 252	59.22.5220		22u	EL 25V 20% RM5
0	C 253	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 270	59.22.6100		10u	EL 35V 20% RM5

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 301	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 302	59.60.1103		10n	CER 63V, 10%, X7R, 0805
0	C 303	59.60.1103		10n	CER 63V, 10%, X7R, 0805
0	C 304	59.60.1473		47n	CER 63V, 10%, X7R, 1210
0	C 305	59.22.5220		22u	EL 25V 20% RM5
0	C 306	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 307	59.60.0330		33p	CER 63V, 5%, C0G, 0805
0	C 308	59.60.0330		33p	CER 63V, 5%, C0G, 0805
0	C 309	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 310	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 311	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 312	59.60.0330		33p	CER 63V, 5%, C0G, 0805
0	C 313	59.60.0330		33p	CER 63V, 5%, C0G, 0805
0	C 314	59.22.5220		22u	EL 25V 20% RM5
0	C 315	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 318	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 321	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 322	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 323	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 370	59.22.6100		10u	EL 35V 20% RM5
0	C 401	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 402	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 403	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 404	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 405	59.60.0101		100p	CER 63V, 5%, C0G, 0805
0	C 406	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 407	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 408	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 409	59.60.0101		100p	CER 63V, 5%, C0G, 0805
0	C 410	59.22.8479		4u7	EL 50V 20% RM5
0	C 411	59.60.0101		100p	CER 63V, 5%, C0G, 0805
0	C 412	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 413	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 414	59.60.0101		100p	CER 63V, 5%, C0G, 0805
0	C 415	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 416	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 501	59.60.3845		470n	CER 50V, 10%, X7R, 2220
0	C 502	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 503	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 504	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 505	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 506	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 507	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 509	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 101	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 102	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 121	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 122	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 201	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 202	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 221	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 222	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 301	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 302	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 401	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 501	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 502	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	DL 301	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 302	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 401	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 402	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 403	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 404	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 501	50.04.2201		HLMP1719	DL HLMP - 1719 GB
0	DL 502	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DV 103	50.04.1108		5V6	Zener, 5%, 0.5W, DO-35
0	DV 104	50.04.1108		5V6	Zener, 5%, 0.5W, DO-35
0	DZ 301	50.60.9026		24V	5%, 0.2W, SOT 23
0	IC 101	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 102	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 121	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 122	50.19.0205		CS5390	A/D Converter 20bit delta sigm
0	IC 123	50.10.0104		LM317SP	Series regulator 1.5A ...+37V
0	IC 124	50.10.0105		LM337KC	Series regulator 1.5A ...-37V
0	IC 201	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 202	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 221	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 241	50.19.0205		CS5390	A/D Converter 20bit delta sigm
0	IC 301	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A

CD19M C4 AD NS Board 1.940.561.21

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 302	50.62.1904		74HCU04	Hex inverter unbuffered
0	IC 303	50.62.1153		74HC153	Dual 4ch multiplexer
0	IC 304	50.62.0913		CS8412	AES-Receiver
0	IC 401	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 402	1.940.966.21			SW 560 MICADOR (50.63.4206)
0	IC 403	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 404	1.940.969.20			SW 561 ADCBIT (50.63.1303)
0	IC 405	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 406	50.06.0595		74LS595	SN 74 LS 595 N
0	IC 407	50.06.0595		74LS595	SN 74 LS 595 N
0	IC 408	50.62.6014		74ACT 14	Hex inverting Schmitt trigger
0	IC 501	50.63.0404		56004	DSP 56 004 40MHz
0	IC 502	1.940.978.20			SW 561 Dither+NS (50.63.1303)
0	IC 503	50.61.9001		LM393	Dual voltage comp. SO 8
0	J 1	54.11.2009		96p	EU-R 3*32p
0	J 101	54.01.0021		Jumper	0.63 * 0.63mm
0	J 121	54.01.0021		Jumper	0.63 * 0.63mm
0	J 201	54.01.0021		Jumper	0.63 * 0.63mm
0	J 221	54.01.0021		Jumper	0.63 * 0.63mm
0	J 400	54.01.0021		Jumper	0.63 * 0.63mm
0	J 401	54.01.0021		Jumper	0.63 * 0.63mm
0	J 402	54.01.0021		Jumper	0.63 * 0.63mm
0	J 501	54.01.0021		Jumper	0.63 * 0.63mm
0	J 504	54.01.0021		Jumper	0.63 * 0.63mm
0	JP 101	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 121	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 201	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 221	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 401	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 402	54.01.0020		1p	Pin 0.63*0.63
0	JP 403	54.01.0020		1p	Pin 0.63*0.63
0	JP 404	54.01.0020		1p	Pin 0.63*0.63
0	JP 501	54.01.0020		1p	Pin 0.63*0.63
0	JP 502	54.01.0020		1p	Pin 0.63*0.63
0	JP 503	54.01.0020		1p	Pin 0.63*0.63
0	JP 504	54.01.0020		1p	Pin 0.63*0.63
0	JP 505	54.01.0020		1p	Pin 0.63*0.63
0	JP 506	54.01.0020		1p	Pin 0.63*0.63
0	JP 507	54.01.0020		1p	Pin 0.63*0.63
0	JP 508	54.01.0020		1p	Pin 0.63*0.63
0	L 301	62.03.0010		48uH	2A Toroid Chocke
0	L 302	62.03.0010		48uH	2A Toroid Chocke
0	MP 1	1.940.561.11			D19M C4 AD BOARD NS PCB
0	MP 2	1.940.561.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	1.101.001.21			TEXT-ETIK. 5*20 HARDWARE -21
0	MP 5	89.01.1499	2 pcs		QUARZ - ISOLIERPLATTE
0	MP 6	1.022.400.03	4 pcs		ISOLATION
0	MP 7	1.010.127.65	2 pcs	9.5*15	Schrumpf-Schlauch bl
0	MP 10	1.940.561.01	1 pce		FRONTPLATTE C4AD NS
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 501	not used		1p	Pin 0.63*0.63
0	P 502	not used		1p	Pin 0.63*0.63
0	P 503	not used		1p	Pin 0.63*0.63
0	P 504	not used		1p	Pin 0.63*0.63
0	P 505	not used		1p	Pin 0.63*0.63
0	P 506	not used		1p	Pin 0.63*0.63
0	P 507	not used		1p	Pin 0.63*0.63
0	Q 301	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	Q 302	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 303	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 304	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 501	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	R 101	57.60.1103		10K	MF, 1%, 0204, E24
0	R 102	57.60.1432		4K3	MF, 1%, 0204, E24
0	R 103	57.60.1103		10K	MF, 1%, 0204, E24
0	R 104	57.60.1681		680R	MF, 1%, 0204, E24
0	R 105	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 106	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 107	57.60.1103		10K	MF, 1%, 0204, E24
0	R 108	57.60.1152		1K5	MF, 1%, 0204, E24

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 109	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 110	57.60.1103		10K	MF, 1%, 0204, E24
0	R 111	57.60.1390		39R	MF, 1%, 0204, E24
0	R 112	57.60.1102		1K	MF, 1%, 0204, E24
0	R 113	57.60.1184		180K	MF, 1%, 0204, E24
0	R 114	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 115	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 116	57.60.1390		39R	MF, 1%, 0204, E24
0	R 117	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 121	57.60.1103		10K	MF, 1%, 0204, E24
0	R 122	57.60.1432		4K3	MF, 1%, 0204, E24
0	R 123	57.60.1103		10K	MF, 1%, 0204, E24
0	R 124	57.60.1681		680R	MF, 1%, 0204, E24
0	R 125	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 126	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 127	57.60.1103		10K	MF, 1%, 0204, E24
0	R 128	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 129	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 130	57.60.1103		10K	MF, 1%, 0204, E24
0	R 131	57.60.1390		39R	MF, 1%, 0204, E24
0	R 132	57.60.1102		1K	MF, 1%, 0204, E24
0	R 133	57.60.1184		180K	MF, 1%, 0204, E24
0	R 134	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 135	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 136	57.60.1390		39R	MF, 1%, 0204, E24
0	R 137	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 141	57.60.1100		10R	MF, 1%, 0204, E24
0	R 142	57.60.1470		47R	MF, 1%, 0204, E24
0	R 143	57.60.1109		1R	MF, 1%, 0204, E24
0	R 144	57.60.1109		1R	MF, 1%, 0204, E24
0	R 145	57.60.1102		1K	MF, 1%, 0204, E24
0	R 146	57.60.1302		3K0	MF, 1%, 0204, E24
0	R 147	57.60.1302		3K0	MF, 1%, 0204, E24
0	R 148	57.60.1102		1K	MF, 1%, 0204, E24
0	R 149	57.60.1109		1R	MF, 1%, 0204, E24
0	R 150	57.60.1109		1R	MF, 1%, 0204, E24
0	R 151	57.60.1100		10R	MF, 1%, 0204, E24
0	R 152	57.60.1470		47R	MF, 1%, 0204, E24
0	R 201	57.60.1103		10K	MF, 1%, 0204, E24
0	R 202	57.60.1432		4K3	MF, 1%, 0204, E24
0	R 203	57.60.1103		10K	MF, 1%, 0204, E24
0	R 204	57.60.1681		680R	MF, 1%, 0204, E24
0	R 205	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 206	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 207	57.60.1103		10K	MF, 1%, 0204, E24
0	R 208	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 209	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 210	57.60.1103		10K	MF, 1%, 0204, E24
0	R 211	57.60.1390		39R	MF, 1%, 0204, E24
0	R 212	57.60.1102		1K	MF, 1%, 0204, E24
0	R 213	57.60.1184		180K	MF, 1%, 0204, E24
0	R 214	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 215	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 216	57.60.1390		39R	MF, 1%, 0204, E24
0	R 217	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 223	57.60.1103		10K	MF, 1%, 0204, E24
0	R 224	57.60.1432		4K3	MF, 1%, 0204, E24
0	R 225	57.60.1103		10K	MF, 1%, 0204, E24
0	R 226	57.60.1681		680R	MF, 1%, 0204, E24
0	R 227	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 228	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 229	57.60.1103		10K	MF, 1%, 0204, E24
0	R 230	57.60.1152		1K5	MF, 1%, 0204, E24
0	R 231	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 232	57.60.1103		10K	MF, 1%, 0204, E24
0	R 233	57.60.1390		39R	MF, 1%, 0204, E24
0	R 234	57.60.1102		1K	MF, 1%, 0204, E24
0	R 235	57.60.1184		180K	MF, 1%, 0204, E24
0	R 236	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 237	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 238	57.60.1390		39R	MF, 1%, 0204, E24
0	R 239	57.60.1392		3K9	MF, 1%, 0204, E24
0	R 302	57.60.1823		82K	MF, 1%, 0204, E24
0	R 303	57.60.1102		1K	MF, 1%, 0204, E24
0	R 304	57.60.1103		10K	MF, 1%, 0204, E24
0	R 305	57.60.1220		22R	MF, 1%, 0204, E24
0	R 306	57.60.1102		1K	MF, 1%, 0204, E24
0	R 307	57.60.1105		1M	MF, 1%, 0204, E24
0	R 308	57.60.1333		33K	MF, 1%, 0204, E24
0	R 309	57.60.1333		33K	MF, 1%, 0204, E24
0	R 310	57.60.1103		10K	MF, 1%, 0204, E24
0	R 311	57.60.1105		1M	MF, 1%, 0204, E24

CD19M C4 AD NS Board 1.940.561.21



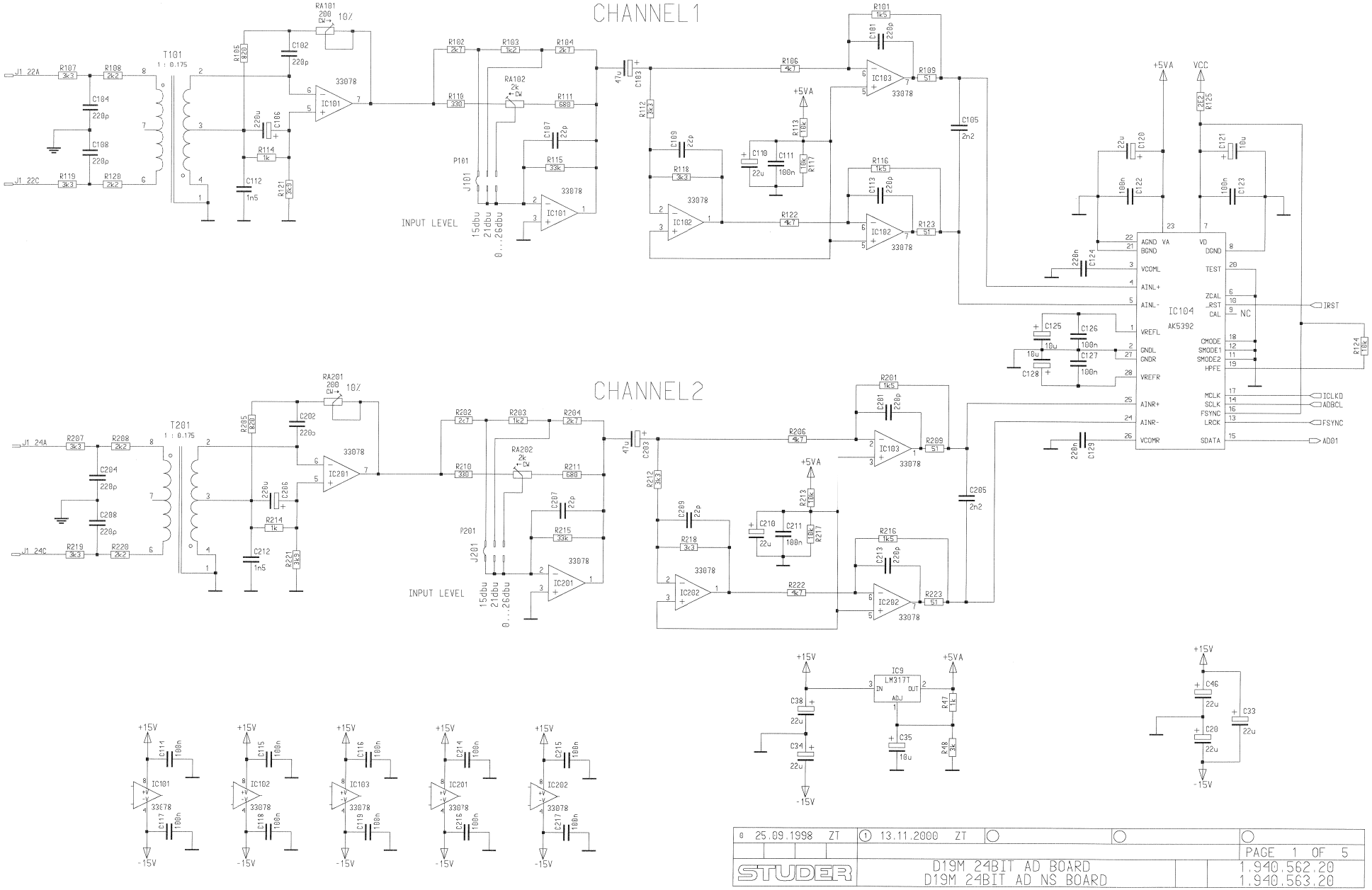
Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 312	57.92.7053		1.6A	PTC 30V
0	R 313	57.60.1333		33K	MF, 1%, 0204, E24
0	R 314	57.60.1103		10K	MF, 1%, 0204, E24
0	R 315	57.60.1562		5K6	MF, 1%, 0204, E24
0	R 316	57.60.1333		33K	MF, 1%, 0204, E24
0	R 317	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 318	57.92.1221		270mA	PTC 30V 6Ohm
0	R 319	57.60.1683		68K	MF, 1%, 0204, E24
0	R 320	57.60.1821		820R	MF, 1%, 0204, E24
0	R 321	57.60.1103		10K	MF, 1%, 0204, E24
0	R 322	57.60.1103		10K	MF, 1%, 0204, E24
0	R 324	57.92.1221		270mA	PTC 30V 6Ohm
0	R 325	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 326	57.60.1220		22R	MF, 1%, 0204, E24
0	R 327	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 328	57.60.1106		10M	MF, 1%, 0204, E24
0	R 401	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 402	57.60.1220		22R	MF, 1%, 0204, E24
0	R 403	57.60.1220		22R	MF, 1%, 0204, E24
0	R 404	57.60.1105		1M	MF, 1%, 0204, E24
0	R 405	57.60.1104		100K	MF, 1%, 0204, E24
0	R 406	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 407	57.60.1220		22R	MF, 1%, 0204, E24
0	R 408	57.60.1220		22R	MF, 1%, 0204, E24
0	R 409	57.60.1102		1K	MF, 1%, 0204, E24
0	R 410	57.60.1000		0R0	MF, 0204
0	R 411	57.60.1102		1K	MF, 1%, 0204, E24
0	R 412	57.60.1102		1K	MF, 1%, 0204, E24
0	R 413	57.60.1102		1K	MF, 1%, 0204, E24
0	R 414	57.60.1103		10K	MF, 1%, 0204, E24
0	R 415	57.60.1221		220R	MF, 1%, 0204, E24
0	R 416	57.60.1221		220R	MF, 1%, 0204, E24
0	R 417	57.60.1270		27R	MF, 1%, 0204, E24
0	R 418	57.60.1270		27R	MF, 1%, 0204, E24
0	R 419	57.60.1270		27R	MF, 1%, 0204, E24
0	R 420	57.60.1270		27R	MF, 1%, 0204, E24
0	R 501	57.60.1561		560R	MF, 1%, 0204, E24
0	R 502	57.60.1223		22K	MF, 1%, 0204, E24
0	R 503	57.60.1105		1M	MF, 1%, 0204, E24
0	R 504	57.60.1102		1K	MF, 1%, 0204, E24
0	R 505	57.60.1103		10K	MF, 1%, 0204, E24
0	R 506	57.60.1103		10K	MF, 1%, 0204, E24
0	R 507	57.60.1103		10K	MF, 1%, 0204, E24
0	R 508	57.60.1103		10K	MF, 1%, 0204, E24
0	R 509	57.60.1103		10K	MF, 1%, 0204, E24
0	R 510	57.60.1103		10K	MF, 1%, 0204, E24
0	R 511	57.60.1221		220R	MF, 1%, 0204, E24
0	R 512	57.60.1102		1K	MF, 1%, 0204, E24
0	RA 101	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 102	58.05.1103		10k	10%, 0.5W, Cermet
0	RA 121	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 122	58.05.1103		10k	10%, 0.5W, Cermet
0	RA 201	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 202	58.05.1103		10k	10%, 0.5W, Cermet
0	RA 221	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 222	58.05.1103		10k	10%, 0.5W, Cermet
0	RZ 401	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	RZ 501	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	RZ 502	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	S 401	55.11.0202		SPDT	Toggle 1 * on-none-on
0	S 501	55.11.0202		SPDT	Toggle 1 * on-none-on
0	T 101	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 121	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 201	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 221	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 301	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 401	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 402	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 403	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 404	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	TP 141	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 301	50.20.2501		Spacer	LED-Sockel
0	XDL 302	50.20.2501		Spacer	LED-Sockel
0	XDL 401	50.20.2501		Spacer	LED-Sockel
0	XDL 403	50.20.2501		Spacer	LED-Sockel
0	XDL 501	50.20.2501		Spacer	LED-Sockel
0	XIC 401	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 402	53.03.2284		84p	PLCC-Socket
0	XIC 403	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 404	53.03.2232		32p	PLCC-Socket
0	XIC 502	53.03.2232		32p	PLCC-Socket
0	Y 301	89.01.1015		12.288MHz	XTAL HC 49/U
0	Y 302	89.01.0559		11.289MHz	XTAL

End of List

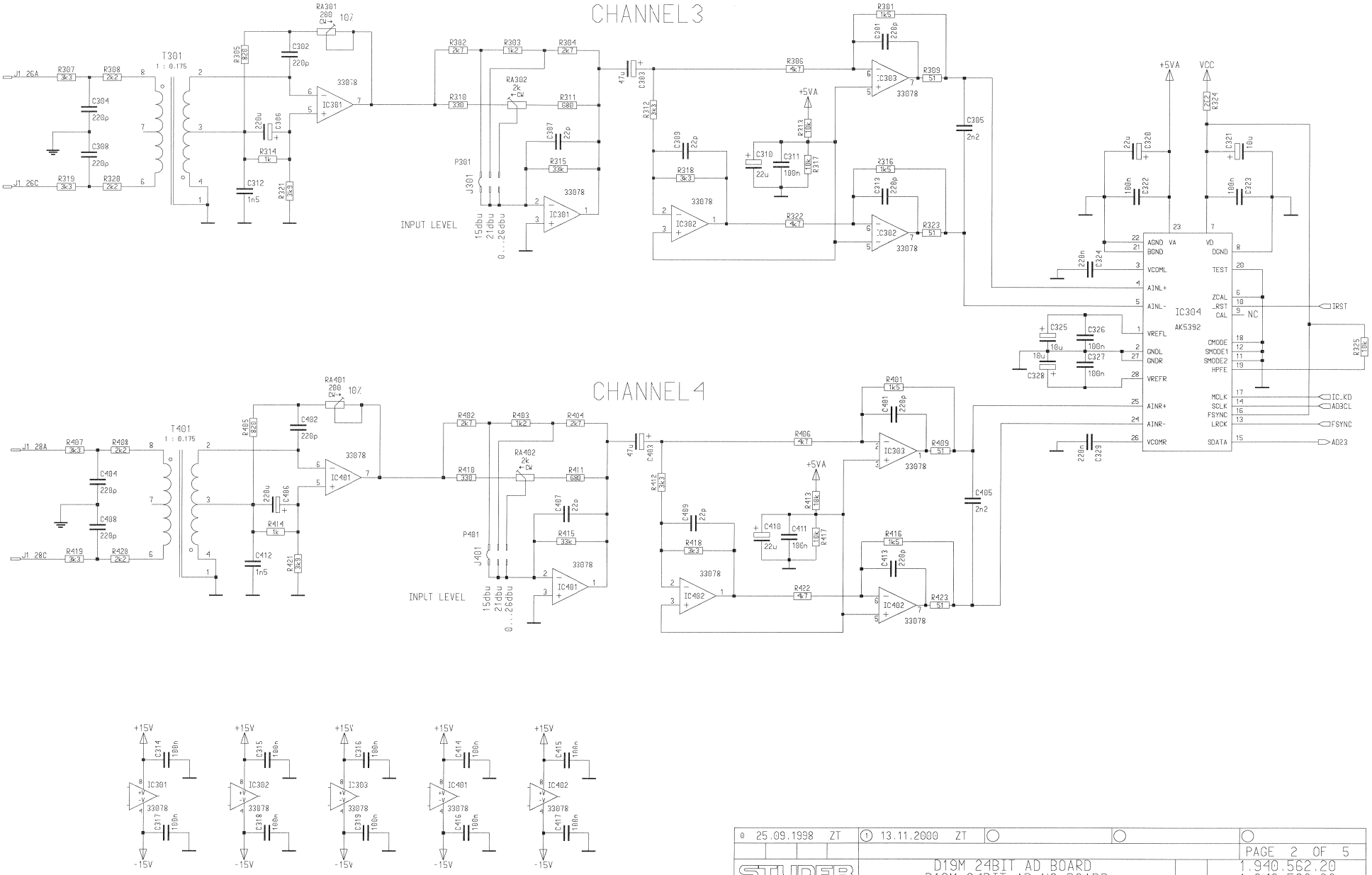
Comments

(21) latch-up problem at AD-converter

C4AD/24, 24 Bit A/D 1.940.562.20 (1); C4AD NS/24, 24 Bit A/D w. Noise Shaping 1.940.563.20 (1)

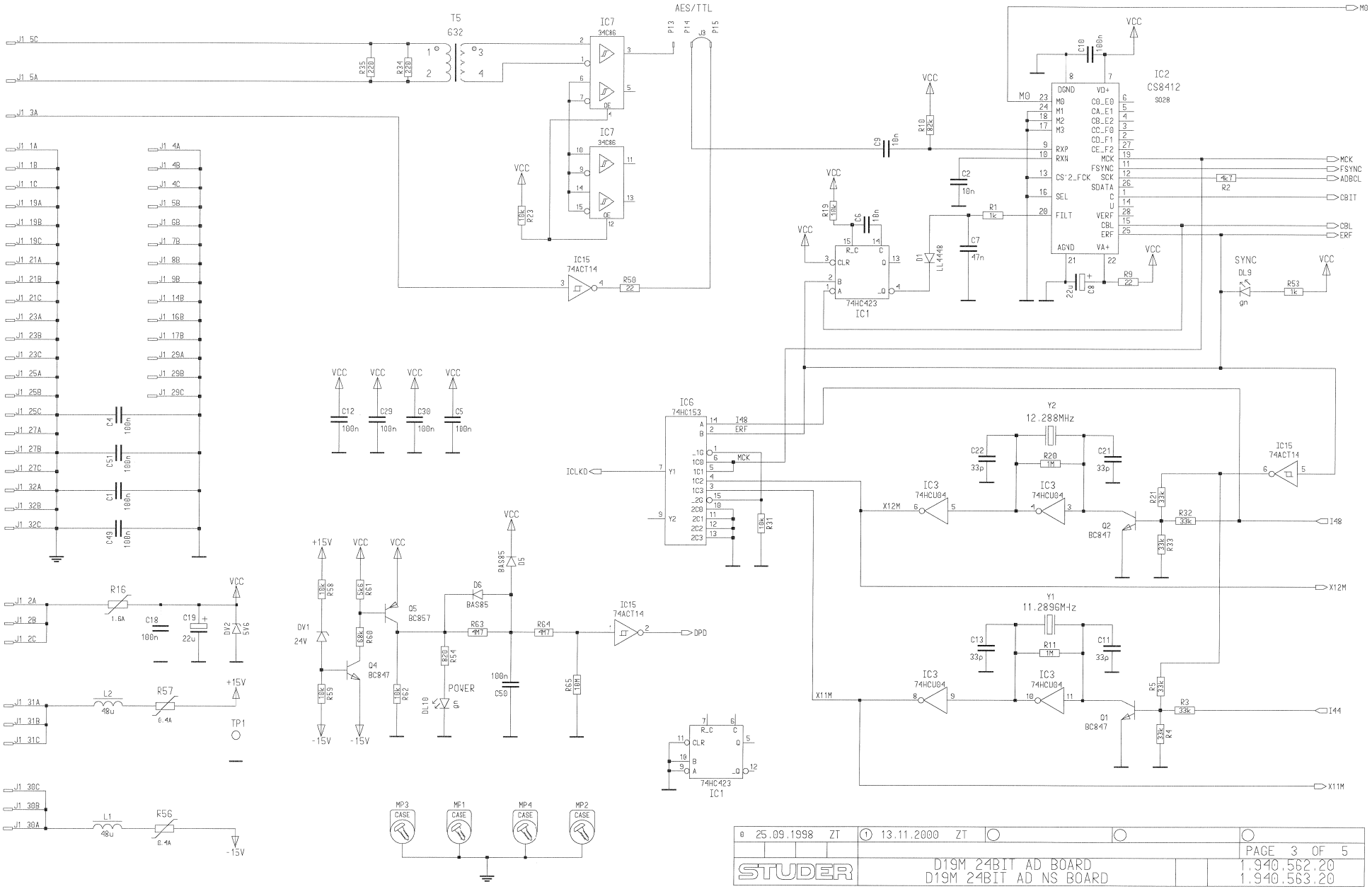


C4AD/24, 24 Bit A/D 1.940.562.20 (1); C4AD NS/24, 24 Bit A/D w. Noise Shaping 1.940.563.20 (1)



0 25.09.1998 ZT	1 13.11.2000 ZT			PAGE 2 OF 5
STUDER	D19M 24BIT AD BOARD D19M 24BIT AD NS BOARD			1.940.562.20 1.940.563.20

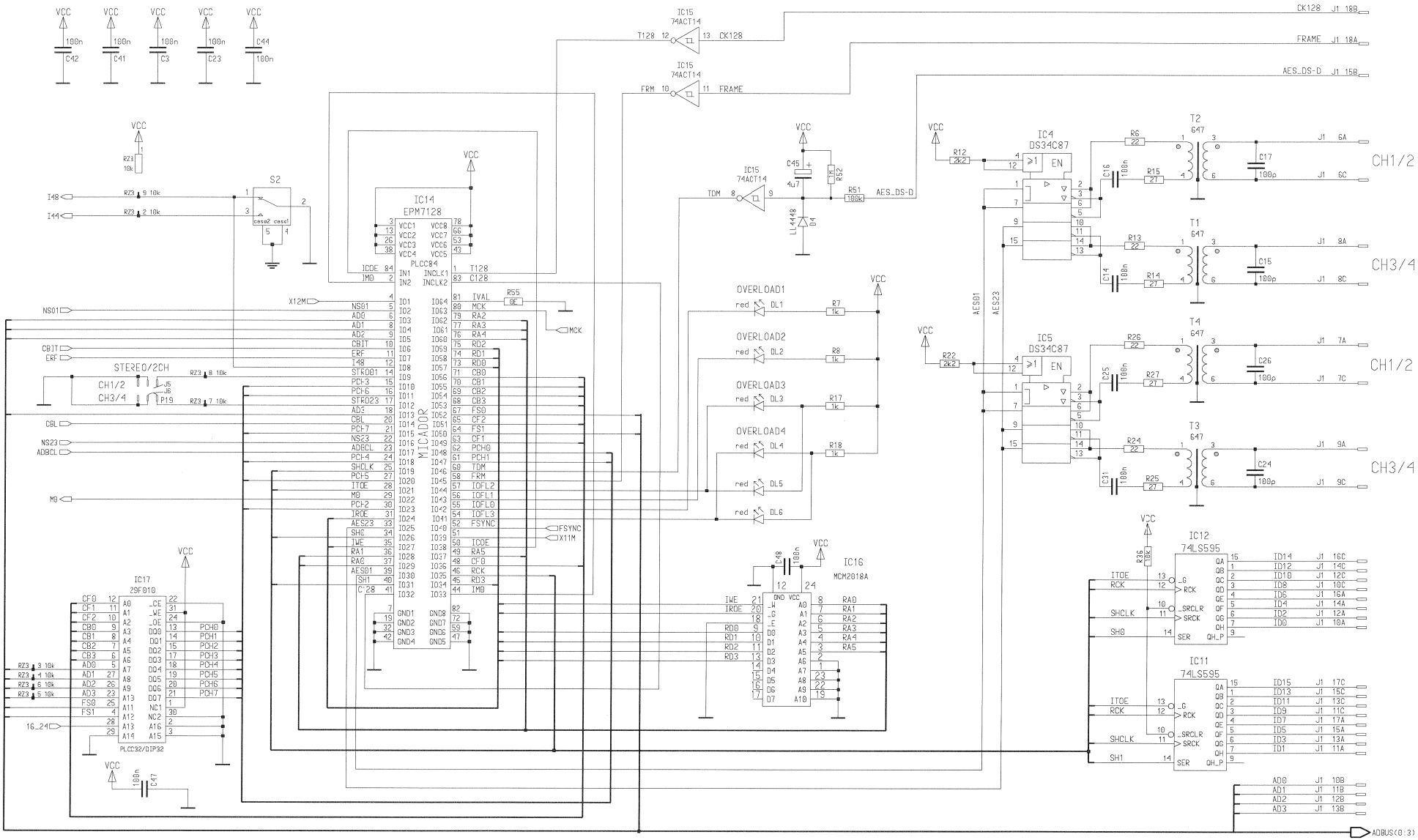
C4AD/24, 24 Bit A/D 1.940.562.20 (1); C4AD NS/24, 24 Bit A/D w. Noise Shaping 1.940.563.20 (1)



0 25.09.1998 ZT	1 13.11.2000 ZT			PAGE 3 OF 5
STUDER	D19M 24BIT AD BOARD D19M 24BIT AD NS BOARD			1.940.562.20 1.940.563.20

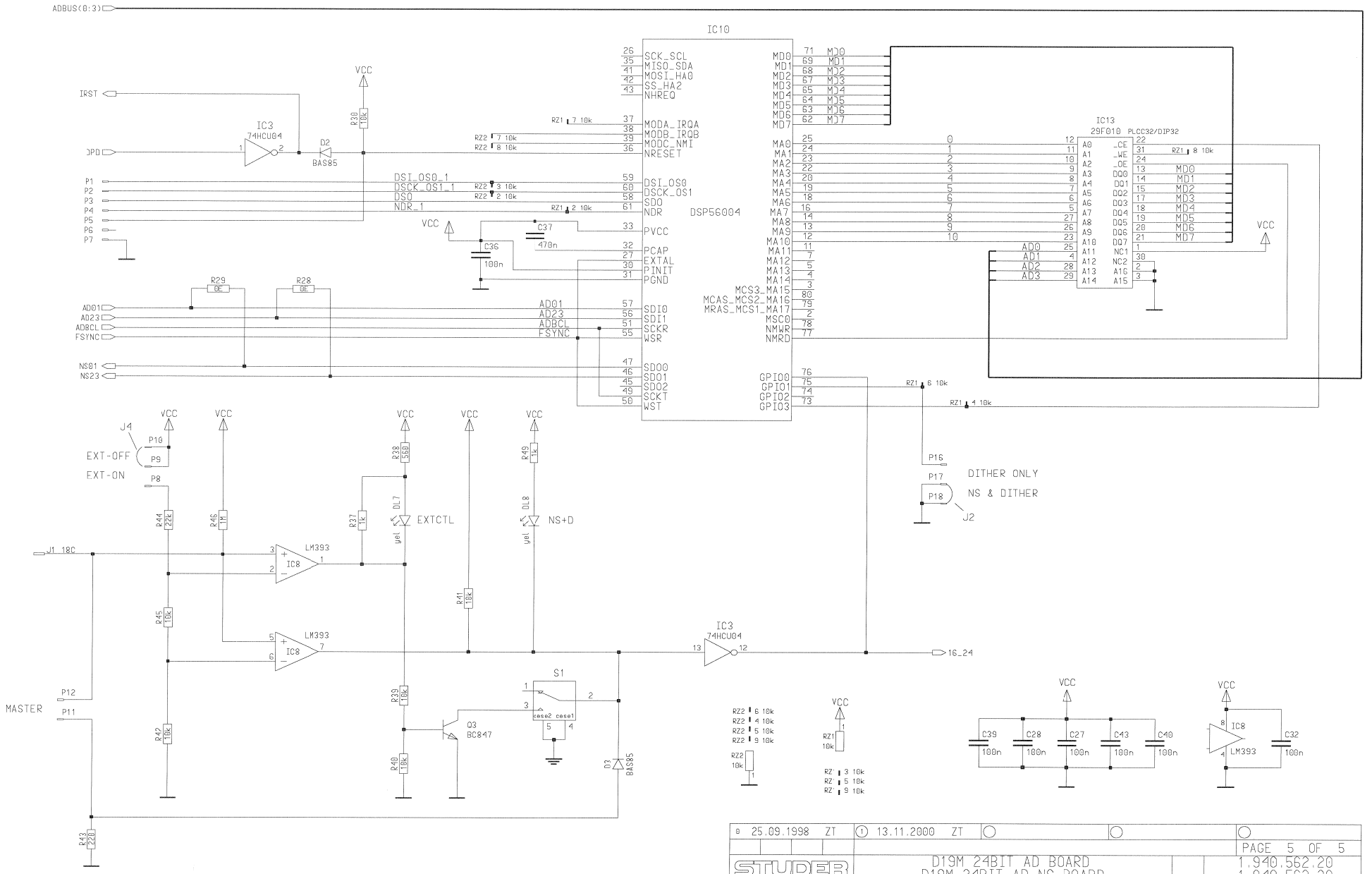
Date printed: 30.09.02

C4AD/24, 24 Bit A/D 1.940.562.20 (1); C4AD NS/24, 24 Bit A/D w. Noise Shaping 1.940.563.20 (1)



0 25.09.1998 ZT	1 13.11.2000 ZT			PAGE 4 OF 5
STUDER	D19M 24BIT AD BOARD D19M 24BIT AD NS BOARD			1.940.562.20 1.940.563.20

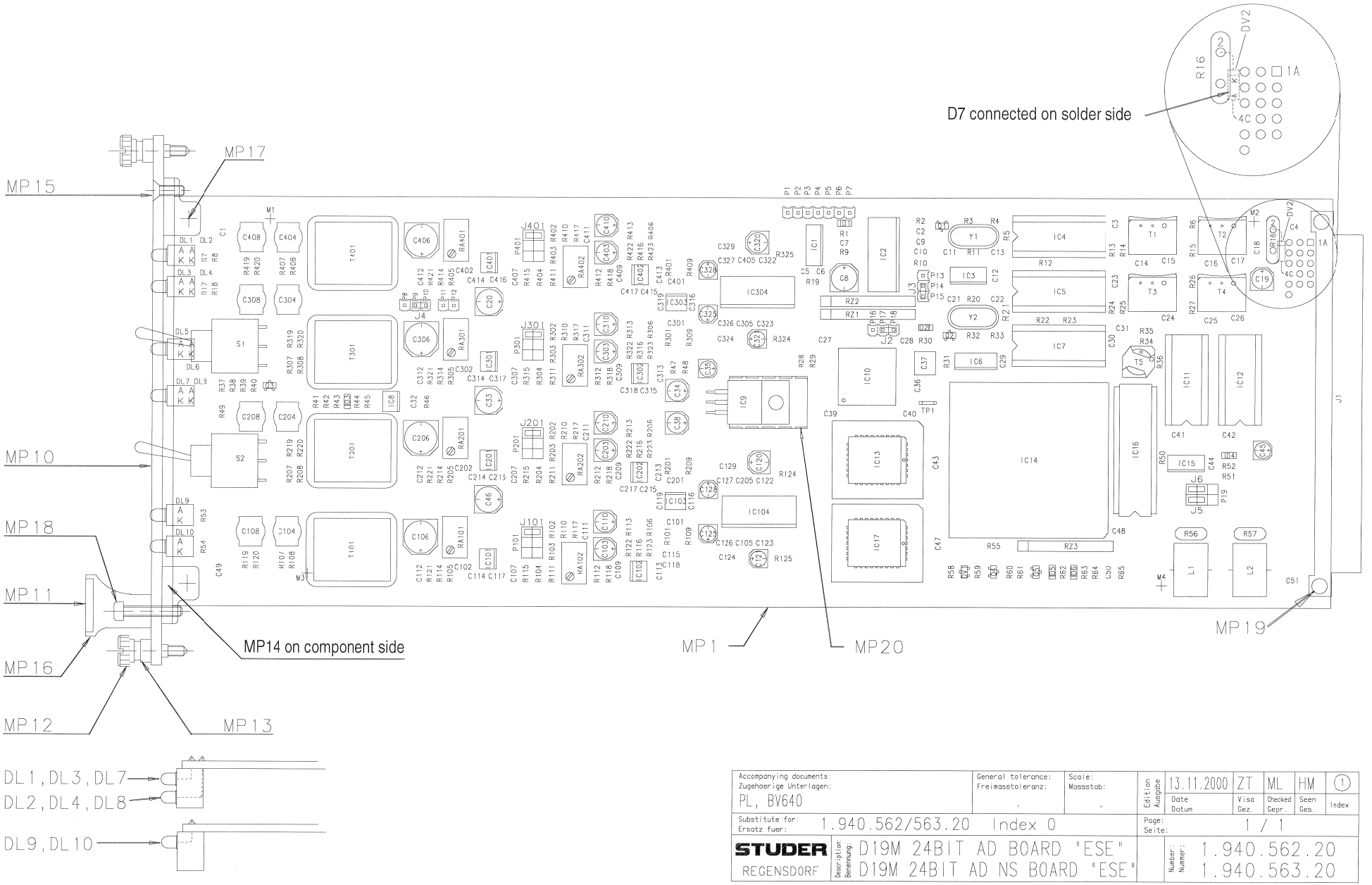
C4AD/24, 24 Bit A/D 1.940.562.20 (1); C4AD NS/24, 24 Bit A/D w. Noise Shaping 1.940.563.20 (1)



0 25.09.1998 ZT	1 13.11.2000 ZT			PAGE 5 OF 5
STUDER	D19M 24BIT AD BOARD D19M 24BIT AD NS BOARD			1.940.562.20 1.940.563.20

Date printed: 30.09.02

C4AD/24, 24 Bit A/D 1.940.562.20 (1); C4AD NS/24, 24 Bit A/D w. Noise Shaping 1.940.563.20 (1)



Accompanying documents: Zugehoerige Unterlagen: PL, BV640	General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition Ausgabe	13.11.2000	ZT	ML	HM	(1)
				Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer: 1.940.562/563.20 Index 0			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description Benennung: D19M 24BIT AD BOARD "ESE" D19M 24BIT AD NS BOARD "ESE"		Number: Nummer:	1.940.562.20 1.940.563.20				

Date printed: 30.09.02

C4AD/24, 24 Bit A/D 1.940.562.20 (2)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 8	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 9	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 12	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 18	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 19	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 20	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 21	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 22	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 33	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 34	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 35	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 36	not used		100n	CER 50V, 10%, X7R, 0805
0	C 37	not used		470n	CER 50V, 10%, X7R, 2220
0	C 38	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 39	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 41	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.68.0107		4u7	EL 35V, 4.0*5.7
0	C 46	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 47	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 49	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 102	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 103	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 104	59.05.1221		220p	PP, 1%, 630V
0	C 105	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 106	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 107	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 108	59.05.1221		220p	PP, 1%, 630V
0	C 109	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 110	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 111	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 112	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 113	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 114	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 115	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 116	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 117	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 118	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 119	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 120	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 121	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 122	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 123	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 124	59.60.3441		220n	CER 50V, 10%, X7R, 1206
0	C 125	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 126	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 127	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 128	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 129	59.60.3441		220n	CER 50V, 10%, X7R, 1206
0	C 201	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 202	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 203	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 204	59.05.1221		220p	PP, 1%, 630V
0	C 205	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 206	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 207	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 208	59.05.1221		220p	PP, 1%, 630V
0	C 209	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 210	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 211	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 212	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 213	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 214	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 215	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 216	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 217	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 301	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 302	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 303	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 304	59.05.1221		220p	PP, 1%, 630V
0	C 305	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 306	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 307	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 308	59.05.1221		220p	PP, 1%, 630V
0	C 309	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 310	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 311	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 312	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 313	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 314	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 315	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 316	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 317	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 318	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 319	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 320	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 321	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 322	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 323	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 324	59.60.3441		220n	CER 50V, 10%, X7R, 1206
0	C 325	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 326	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 327	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 328	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 329	59.60.3441		220n	CER 50V, 10%, X7R, 1206
0	C 401	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 402	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 403	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 404	59.05.1221		220p	PP, 1%, 630V
0	C 405	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 406	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 407	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 408	59.05.1221		220p	PP, 1%, 630V
0	C 409	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 410	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 411	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 412	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 413	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 414	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 415	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 416	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 417	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	not used		BAS85	200mA 30V Schottky SOD 80
0	D 3	not used		BAS85	200mA 30V Schottky SOD 80
0	D 4	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	DL 1	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 2	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 3	not used		HLMP1700	DL HLMP - 1700 RT
0	DL 4	not used		HLMP1700	DL HLMP - 1700 RT
0	DL 5	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 6	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 7	not used		HLMP1719	DL HLMP - 1719 GB
0	DL 8	not used		HLMP1790	DL HLMP - 1790 GN
0	DL 9	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 10	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DV 1	50.60.9026		24V	5%, 0.2W, SOT 23
2	DV 2	50.04.1108		5V6	Zener, 5%, 0.5W, DO-35
0	IC 1	50.62.1423		74HC423	Dual multivibr monost retrigg
0	IC 2	50.62.0913		CS8412	AES-Receiver
0	IC 3	50.62.1904		74HCU04	Hex inverter unbuffered
0	IC 4	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 5	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 6	50.62.1153		74HC153	Dual 4ch multiplexer
0	IC 7	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 8	not used		LM393	Dual voltage comp. SO 8
0	IC 9	50.10.0104		LM317SP	Series regulator 1.5A ...+37V
0	IC 10	not used		56004	DSP 56 004 40MHz
0	IC 11	50.06.0595		74LS595	SN 74 LS 595 N
0	IC 12	50.06.0595		74LS595	SN 74 LS 595 N
0	IC 13	not used		29F010	Flash Memory 128K*8

C4AD/24, 24 Bit A/D 1.940.562.20 (2)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 14	1.940.949.20			SW 562 MICADOR (50.63.4205)
0	IC 15	50.62.6014		74ACT 14	Hex inverting Schmitt trigger
0	IC 16	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 17	1.940.948.20			SW 562 ADCBIT 24 (50.63.1303)
0	IC 101	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 102	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 103	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 104	50.61.8105		AK5392	A/D Converter 24bit DS SOP28
0	IC 201	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 202	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 301	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 302	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 303	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 304	50.61.8105		AK5392	A/D Converter 24bit DS SOP28
0	IC 401	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 402	50.61.0204		MC33078	Dual Op-Amp low noise
0	J 1	54.11.2009		96p	EU-R 3*32p
0	J 2	not used		Jumper	0.63*0.63mm, Au
0	J 3	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 4	not used		Jumper	0.63*0.63mm, Au
0	J 5	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 6	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 101	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 201	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 301	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 401	54.01.0021		Jumper	0.63*0.63mm, Au
0	L 1	62.03.0010		48uH	2A Toroid Chocke
0	L 2	62.03.0010		48uH	2A Toroid Chocke
0	MP 1	1.940.562.11			D19M 24 BIT AD BOARD PCB
0	MP 2	1.940.562.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20		Label	TEXT-ETIK. 5*20 HARDWARE -20
2	MP 7	50.04.1108		5V6	Zener, 5%, 0.5W, DO-35
0	MP 10	1.940.562.01	1 pce		FRONTPLATTE C4AD 24BIT
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
1	MP 17	not used	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
				Schraube ist in MP14 (49.02.0522 Kartenhalter) enthalten	
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	50.20.3004			Kühlkörper, TO 220, horizontal
2	MP 21	43.10.0110		A	Revisions-Etikette 5mm h'blau
0	P 1	not used		1p	Pin, 1reihig, gerade
0	P 2	not used		1p	Pin, 1reihig, gerade
0	P 3	not used		1p	Pin, 1reihig, gerade
0	P 4	not used		1p	Pin, 1reihig, gerade
0	P 5	not used		1p	Pin, 1reihig, gerade
0	P 6	not used		1p	Pin, 1reihig, gerade
0	P 7	not used		1p	Pin, 1reihig, gerade
0	P 8	not used		1p	Pin, 1reihig, gerade
0	P 9	not used		1p	Pin, 1reihig, gerade
0	P 10	not used		1p	Pin, 1reihig, gerade
0	P 11	not used		1p	Pin, 1reihig, gerade
0	P 12	not used		1p	Pin, 1reihig, gerade
0	P 13	54.01.0020		1p	Pin, 1reihig, gerade
0	P 14	54.01.0020		1p	Pin, 1reihig, gerade
0	P 15	54.01.0020		1p	Pin, 1reihig, gerade
0	P 16	not used		1p	Pin, 1reihig, gerade
0	P 17	not used		1p	Pin, 1reihig, gerade
0	P 18	not used		1p	Pin, 1reihig, gerade
0	P 19	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	P 101	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	P 201	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	P 301	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	P 401	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	Q 1	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 3	not used		BC847B	NPN 45V 100mA SOT 23
0	Q 4	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 5	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	R 1	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 2	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 3	57.60.1333		33k	MF, 1%, 0204, E24
0	R 4	57.60.1333		33k	MF, 1%, 0204, E24
0	R 5	57.60.1333		33k	MF, 1%, 0204, E24
0	R 6	57.60.1220		22R	MF, 1%, 0204, E24
0	R 7	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 8	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 9	57.60.1220		22R	MF, 1%, 0204, E24
0	R 10	57.60.1823		82k	MF, 1%, 0204, E24
0	R 11	57.60.1105		1M	MF, 1%, 0204, E24
0	R 12	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 13	57.60.1220		22R	MF, 1%, 0204, E24

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 14	57.60.1270		27R	MF, 1%, 0204, E24
0	R 15	57.60.1270		27R	MF, 1%, 0204, E24
0	R 16	57.92.7053		1.6A	PTC 30V
0	R 17	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 18	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 19	57.60.1103		10k	MF, 1%, 0204, E24
0	R 20	57.60.1105		1M	MF, 1%, 0204, E24
0	R 21	57.60.1333		33k	MF, 1%, 0204, E24
0	R 22	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 23	57.60.1103		10k	MF, 1%, 0204, E24
0	R 24	57.60.1220		22R	MF, 1%, 0204, E24
0	R 25	57.60.1270		27R	MF, 1%, 0204, E24
0	R 26	57.60.1220		22R	MF, 1%, 0204, E24
0	R 27	57.60.1270		27R	MF, 1%, 0204, E24
0	R 28	57.60.1000		0R0	MF, 0204
0	R 29	57.60.1000		0R0	MF, 0204
0	R 30	not used		10k	MF, 1%, 0204, E24
0	R 31	57.60.1103		10k	MF, 1%, 0204, E24
0	R 32	57.60.1333		33k	MF, 1%, 0204, E24
0	R 33	57.60.1333		33k	MF, 1%, 0204, E24
0	R 34	57.60.1221		220R	MF, 1%, 0204, E24
0	R 35	57.60.1221		220R	MF, 1%, 0204, E24
0	R 36	57.60.1103		10k	MF, 1%, 0204, E24
0	R 37	not used		1k0	MF, 1%, 0204, E24
0	R 38	not used		560R	MF, 1%, 0204, E24
0	R 39	not used		10k	MF, 1%, 0204, E24
0	R 40	not used		10k	MF, 1%, 0204, E24
0	R 41	57.60.1103		10k	MF, 1%, 0204, E24
0	R 42	not used		10k	MF, 1%, 0204, E24
0	R 43	not used		220R	MF, 1%, 0204, E24
0	R 44	not used		22k	MF, 1%, 0204, E24
0	R 45	not used		10k	MF, 1%, 0204, E24
0	R 46	not used		1M	MF, 1%, 0204, E24
0	R 47	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 48	57.60.1302		3k0	MF, 1%, 0204, E24
0	R 49	not used		1k0	MF, 1%, 0204, E24
0	R 50	57.60.1220		22R	MF, 1%, 0204, E24
0	R 51	57.60.1104		100k	MF, 1%, 0204, E24
0	R 52	57.60.1105		1M	MF, 1%, 0204, E24
0	R 53	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 54	57.60.1821		820R	MF, 1%, 0204, E24
0	R 55	57.60.1000		0R0	MF, 0204
0	R 56	57.92.7019		0.4A	PTC 60V
0	R 57	57.92.7019		0.4A	PTC 60V
0	R 58	57.60.1103		10k	MF, 1%, 0204, E24
0	R 59	57.60.1103		10k	MF, 1%, 0204, E24
0	R 60	57.60.1683		68k	MF, 1%, 0204, E24
0	R 61	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 62	57.60.1103		10k	MF, 1%, 0204, E24
0	R 63	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 64	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 65	57.60.1106		10M	MF, 1%, 0204, E24
0	R 101	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 102	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 103	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 104	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 105	57.60.1821		820R	MF, 1%, 0204, E24
0	R 106	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 107	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 108	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 109	57.60.1510		51R	MF, 1%, 0204, E24
0	R 110	57.60.1331		330R	MF, 1%, 0204, E24
0	R 111	57.60.1681		680R	MF, 1%, 0204, E24
0	R 112	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 113	57.60.1103		10k	MF, 1%, 0204, E24
0	R 114	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 115	57.60.1333		33k	MF, 1%, 0204, E24
0	R 116	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 117	57.60.1103		10k	MF, 1%, 0204, E24
0	R 118	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 119	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 120	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 121	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 122	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 123	57.60.1510		51R	MF, 1%, 0204, E24
0	R 124	57.60.1103		10k	MF, 1%, 0204, E24
0	R 125	57.60.1229		2R2	MF, 1%, 0204, E24
0	R 201	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 202	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 203	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 204	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 205	57.60.1821		820R	MF, 1%, 0204, E24
0	R 206	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 207	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 208	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 209	57.60.1510		51R	MF, 1%, 0204, E24
0	R 210	57.60.1331		330R	MF, 1%, 0204, E24

C4AD/24, 24 Bit A/D 1.940.562.20 (2)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 211	57.60.1681		680R	MF, 1%, 0204, E24
0	R 212	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 213	57.60.1103		10k	MF, 1%, 0204, E24
0	R 214	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 215	57.60.1333		33k	MF, 1%, 0204, E24
0	R 216	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 217	57.60.1103		10k	MF, 1%, 0204, E24
0	R 218	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 219	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 220	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 221	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 222	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 223	57.60.1510		51R	MF, 1%, 0204, E24
0	R 301	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 302	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 303	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 304	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 305	57.60.1821		820R	MF, 1%, 0204, E24
0	R 306	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 307	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 308	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 309	57.60.1510		51R	MF, 1%, 0204, E24
0	R 310	57.60.1331		330R	MF, 1%, 0204, E24
0	R 311	57.60.1681		680R	MF, 1%, 0204, E24
0	R 312	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 313	57.60.1103		10k	MF, 1%, 0204, E24
0	R 314	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 315	57.60.1333		33k	MF, 1%, 0204, E24
0	R 316	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 317	57.60.1103		10k	MF, 1%, 0204, E24
0	R 318	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 319	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 320	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 321	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 322	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 323	57.60.1510		51R	MF, 1%, 0204, E24
0	R 324	57.60.1229		2R2	MF, 1%, 0204, E24
0	R 325	57.60.1103		10k	MF, 1%, 0204, E24
0	R 401	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 402	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 403	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 404	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 405	57.60.1821		820R	MF, 1%, 0204, E24
0	R 406	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 407	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 408	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 409	57.60.1510		51R	MF, 1%, 0204, E24
0	R 410	57.60.1331		330R	MF, 1%, 0204, E24
0	R 411	57.60.1681		680R	MF, 1%, 0204, E24
0	R 412	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 413	57.60.1103		10k	MF, 1%, 0204, E24
0	R 414	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 415	57.60.1333		33k	MF, 1%, 0204, E24
0	R 416	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 417	57.60.1103		10k	MF, 1%, 0204, E24
0	R 418	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 419	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 420	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 421	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 422	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 423	57.60.1510		51R	MF, 1%, 0204, E24
0	RA 101	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 102	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 201	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 202	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 301	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 302	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 401	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 402	58.05.1202		2k0	10%, 0.5W, Cermet
0	RZ 1	not used		10k	8*R Resistor-Netw 2% SIP9
0	RZ 2	not used		10k	8*R Resistor-Netw 2% SIP9
0	RZ 3	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	S 1	not used		SPDT	Toggle 1 * on-none-on
0	S 2	55.11.0202		SPDT	Toggle 1 * on-none-on
0	T 1	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 101	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 201	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 301	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 401	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	TP 1	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 3	not used		Spacer	LED-Sockel
0	XDL 5	50.20.2501		Spacer	LED-Sockel
0	XDL 7	not used		Spacer	LED-Sockel
0	XDL 9	50.20.2501		Spacer	LED-Sockel
0	XDL 10	50.20.2501		Spacer	LED-Sockel
0	XIC 4	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 5	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 13	not used		32p	PLCC-Socket
0	XIC 14	53.03.2284		84p	PLCC-Socket
0	XIC 17	53.03.2232		32p	PLCC-Socket
0	XT 101	1.022.400.03			ISOLATION
0	XT 201	1.022.400.03			ISOLATION
0	XT 301	1.022.400.03			ISOLATION
0	XT 401	1.022.400.03			ISOLATION
0	XY 1	89.01.1499			QUARZ - ISOLIERPLATTE
0	XY 2	89.01.1499			QUARZ - ISOLIERPLATTE
0	Y 1	89.01.0559		11.289MHz	XTAL
0	Y 2	89.01.1015		12.288MHz	XTAL HC 49/U

End of List

(1) 12.04.00 MP 17 not used
(2) 13.11.2000 Additionally D7 and MP21

C4AD/24/NS, 24 Bit A/D 1.940.563.20 (2)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 8	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 9	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 12	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 18	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 19	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 20	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 21	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 22	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 33	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 34	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 35	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 36	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 37	59.60.3845		470n	CER 50V, 10%, X7R, 2220
0	C 38	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 39	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 41	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.68.0107		4u7	EL 35V, 4.0*5.7
0	C 46	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 47	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 49	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 102	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 103	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 104	59.05.1221		220p	PP, 1%, 630V
0	C 105	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 106	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 107	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 108	59.05.1221		220p	PP, 1%, 630V
0	C 109	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 110	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 111	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 112	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 113	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 114	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 115	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 116	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 117	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 118	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 119	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 120	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 121	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 122	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 123	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 124	59.60.3441		220n	CER 50V, 10%, X7R, 1206
0	C 125	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 126	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 127	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 128	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 129	59.60.3441		220n	CER 50V, 10%, X7R, 1206
0	C 201	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 202	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 203	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 204	59.05.1221		220p	PP, 1%, 630V
0	C 205	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 206	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 207	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 208	59.05.1221		220p	PP, 1%, 630V
0	C 209	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 210	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 211	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 212	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 213	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 214	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 215	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 216	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 217	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 301	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 302	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 303	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 304	59.05.1221		220p	PP, 1%, 630V
0	C 305	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 306	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 307	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 308	59.05.1221		220p	PP, 1%, 630V
0	C 309	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 310	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 311	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 312	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 313	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 314	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 315	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 316	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 317	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 318	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 319	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 320	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 321	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 322	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 323	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 324	59.60.3441		220n	CER 50V, 10%, X7R, 1206
0	C 325	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 326	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 327	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 328	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 329	59.60.3441		220n	CER 50V, 10%, X7R, 1206
0	C 401	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 402	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 403	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 404	59.05.1221		220p	PP, 1%, 630V
0	C 405	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 406	59.68.0073		220u	EL 16V, 8.0*10.7
0	C 407	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 408	59.05.1221		220p	PP, 1%, 630V
0	C 409	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 410	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 411	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 412	59.60.3315		1n5	CER 50V, 10%, X7R, 0805
0	C 413	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 414	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 415	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 416	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 417	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 3	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 4	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	DL 1	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 2	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 3	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 4	50.04.2200		HLMP1700	DL HLMP - 1700 RT
0	DL 5	not used		HLMP1700	DL HLMP - 1700 RT
0	DL 6	not used		HLMP1700	DL HLMP - 1700 RT
0	DL 7	50.04.2201		HLMP1719	DL HLMP - 1719 GB
0	DL 8	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 9	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 10	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DV 1	50.60.9026		24V	5%, 0.2W, SOT 23
2	DV 2	50.04.1108		5V6	Zener, 5%, 0.5W, DO-35
0	IC 1	50.62.1423		74HC423	Dual multivibr monost retrigg
0	IC 2	50.62.0913		CS8412	AES-Receiver
0	IC 3	50.62.1904		74HCU04	Hex inverter unbuffered
0	IC 4	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 5	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 6	50.62.1153		74HC153	Dual 4ch multiplexer
0	IC 7	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 8	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 9	50.10.0104		LM317SP	Series regulator 1.5A ...+37V
0	IC 10	50.63.0404		56004	DSP 56 004 40MHz
0	IC 11	50.06.0595		74LS595	SN 74 LS 595 N
0	IC 12	50.06.0595		74LS595	SN 74 LS 595 N
0	IC 13	1.940.978.20			SW 561 Dither+NS (50.63.1303)

C4AD/24/NS, 24 Bit A/D 1.940.563.20 (2)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 14	1.940.949.20			SW 562 MICADOR (50.63.4205)
0	IC 15	50.62.6014		74ACT 14	Hex inverting Schmitt trigger
0	IC 16	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 17	1.940.948.20			SW 562 ADCBIT 24 (50.63.1303)
0	IC 101	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 102	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 103	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 104	50.61.8105		AK5392	A/D Converter 24bit DS SOP28
0	IC 201	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 202	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 301	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 302	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 303	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 304	50.61.8105		AK5392	A/D Converter 24bit DS SOP28
0	IC 401	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 402	50.61.0204		MC33078	Dual Op-Amp low noise
0	J 1	54.11.2009		96p	EU-R 3*32p
0	J 2	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 3	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 4	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 5	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 6	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 101	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 201	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 301	54.01.0021		Jumper	0.63*0.63mm, Au
0	J 401	54.01.0021		Jumper	0.63*0.63mm, Au
0	L 1	62.03.0010		48uH	2A Toroid Chocke
0	L 2	62.03.0010		48uH	2A Toroid Chocke
0	MP 1	1.940.562.11			D19M 24 BIT AD BOARD PCB
0	MP 2	1.940.563.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20		Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 10	1.940.563.01	1 pce		FRONTPLATTE C4AD NS 24BIT
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
1	MP 17	not used	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
				Schraube ist in MP14 (49.02.0522 Kartenhalter) enthalten	
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	50.20.3004			Kühlkörper, TO 220, horizontal
2	MP 21	43.10.0110		A	Revisions-Etikette 5mm h'blau
0	P 1	not used		1p	Pin, 1reihig, gerade
0	P 2	not used		1p	Pin, 1reihig, gerade
0	P 3	not used		1p	Pin, 1reihig, gerade
0	P 4	not used		1p	Pin, 1reihig, gerade
0	P 5	not used		1p	Pin, 1reihig, gerade
0	P 6	not used		1p	Pin, 1reihig, gerade
0	P 7	not used		1p	Pin, 1reihig, gerade
0	P 8	54.01.0020		1p	Pin, 1reihig, gerade
0	P 9	54.01.0020		1p	Pin, 1reihig, gerade
0	P 10	54.01.0020		1p	Pin, 1reihig, gerade
0	P 11	54.01.0020		1p	Pin, 1reihig, gerade
0	P 12	54.01.0020		1p	Pin, 1reihig, gerade
0	P 13	54.01.0020		1p	Pin, 1reihig, gerade
0	P 14	54.01.0020		1p	Pin, 1reihig, gerade
0	P 15	54.01.0020		1p	Pin, 1reihig, gerade
0	P 16	54.01.0020		1p	Pin, 1reihig, gerade
0	P 17	54.01.0020		1p	Pin, 1reihig, gerade
0	P 18	54.01.0020		1p	Pin, 1reihig, gerade
0	P 19	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	P 101	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	P 201	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	P 301	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	P 401	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	Q 1	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 2	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 3	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 4	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	Q 5	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	R 1	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 2	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 3	57.60.1333		33k	MF, 1%, 0204, E24
0	R 4	57.60.1333		33k	MF, 1%, 0204, E24
0	R 5	57.60.1333		33k	MF, 1%, 0204, E24
0	R 6	57.60.1220		22R	MF, 1%, 0204, E24
0	R 7	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 8	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 9	57.60.1220		22R	MF, 1%, 0204, E24
0	R 10	57.60.1823		82k	MF, 1%, 0204, E24
0	R 11	57.60.1105		1M	MF, 1%, 0204, E24
0	R 12	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 13	57.60.1220		22R	MF, 1%, 0204, E24
0	R 14	57.60.1270		27R	MF, 1%, 0204, E24
0	R 15	57.60.1270		27R	MF, 1%, 0204, E24
0	R 16	57.92.7053		1.6A	PTC 30V
0	R 17	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 18	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 19	57.60.1103		10k	MF, 1%, 0204, E24
0	R 20	57.60.1105		1M	MF, 1%, 0204, E24
0	R 21	57.60.1333		33k	MF, 1%, 0204, E24
0	R 22	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 23	57.60.1103		10k	MF, 1%, 0204, E24
0	R 24	57.60.1220		22R	MF, 1%, 0204, E24
0	R 25	57.60.1270		27R	MF, 1%, 0204, E24
0	R 26	57.60.1220		22R	MF, 1%, 0204, E24
0	R 27	57.60.1270		27R	MF, 1%, 0204, E24
0	R 28	not used		0R0	MF, 0204
0	R 29	not used		0R0	MF, 0204
0	R 30	57.60.1103		10k	MF, 1%, 0204, E24
0	R 31	57.60.1103		10k	MF, 1%, 0204, E24
0	R 32	57.60.1333		33k	MF, 1%, 0204, E24
0	R 33	57.60.1333		33k	MF, 1%, 0204, E24
0	R 34	57.60.1221		220R	MF, 1%, 0204, E24
0	R 35	57.60.1221		220R	MF, 1%, 0204, E24
0	R 36	57.60.1103		10k	MF, 1%, 0204, E24
0	R 37	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 38	57.60.1561		560R	MF, 1%, 0204, E24
0	R 39	57.60.1103		10k	MF, 1%, 0204, E24
0	R 40	57.60.1103		10k	MF, 1%, 0204, E24
0	R 41	57.60.1103		10k	MF, 1%, 0204, E24
0	R 42	57.60.1103		10k	MF, 1%, 0204, E24
0	R 43	57.60.1221		220R	MF, 1%, 0204, E24
0	R 44	57.60.1223		22k	MF, 1%, 0204, E24
0	R 45	57.60.1103		10k	MF, 1%, 0204, E24
0	R 46	57.60.1105		1M	MF, 1%, 0204, E24
0	R 47	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 48	57.60.1302		3k0	MF, 1%, 0204, E24
0	R 49	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 50	57.60.1220		22R	MF, 1%, 0204, E24
0	R 51	57.60.1104		100k	MF, 1%, 0204, E24
0	R 52	57.60.1105		1M	MF, 1%, 0204, E24
0	R 53	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 54	57.60.1821		820R	MF, 1%, 0204, E24
0	R 55	57.60.1000		0R0	MF, 0204
0	R 56	57.92.7019		0.4A	PTC 60V
0	R 57	57.92.7019		0.4A	PTC 60V
0	R 58	57.60.1103		10k	MF, 1%, 0204, E24
0	R 59	57.60.1103		10k	MF, 1%, 0204, E24
0	R 60	57.60.1683		68k	MF, 1%, 0204, E24
0	R 61	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 62	57.60.1103		10k	MF, 1%, 0204, E24
0	R 63	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 64	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 65	57.60.1106		10M	MF, 1%, 0204, E24
0	R 101	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 102	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 103	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 104	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 105	57.60.1821		820R	MF, 1%, 0204, E24
0	R 106	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 107	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 108	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 109	57.60.1510		51R	MF, 1%, 0204, E24
0	R 110	57.60.1331		330R	MF, 1%, 0204, E24
0	R 111	57.60.1681		680R	MF, 1%, 0204, E24
0	R 112	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 113	57.60.1103		10k	MF, 1%, 0204, E24
0	R 114	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 115	57.60.1333		33k	MF, 1%, 0204, E24
0	R 116	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 117	57.60.1103		10k	MF, 1%, 0204, E24
0	R 118	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 119	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 120	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 121	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 122	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 123	57.60.1510		51R	MF, 1%, 0204, E24
0	R 124	57.60.1103		10k	MF, 1%, 0204, E24
0	R 125	57.60.1229		2R2	MF, 1%, 0204, E24
0	R 201	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 202	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 203	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 204	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 205	57.60.1821		820R	MF, 1%, 0204, E24
0	R 206	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 207	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 208	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 209	57.60.1510		51R	MF, 1%, 0204, E24
0	R 210	57.60.1331		330R	MF, 1%, 0204, E24
0	R 211	57.60.1681		680R	MF, 1%, 0204, E24

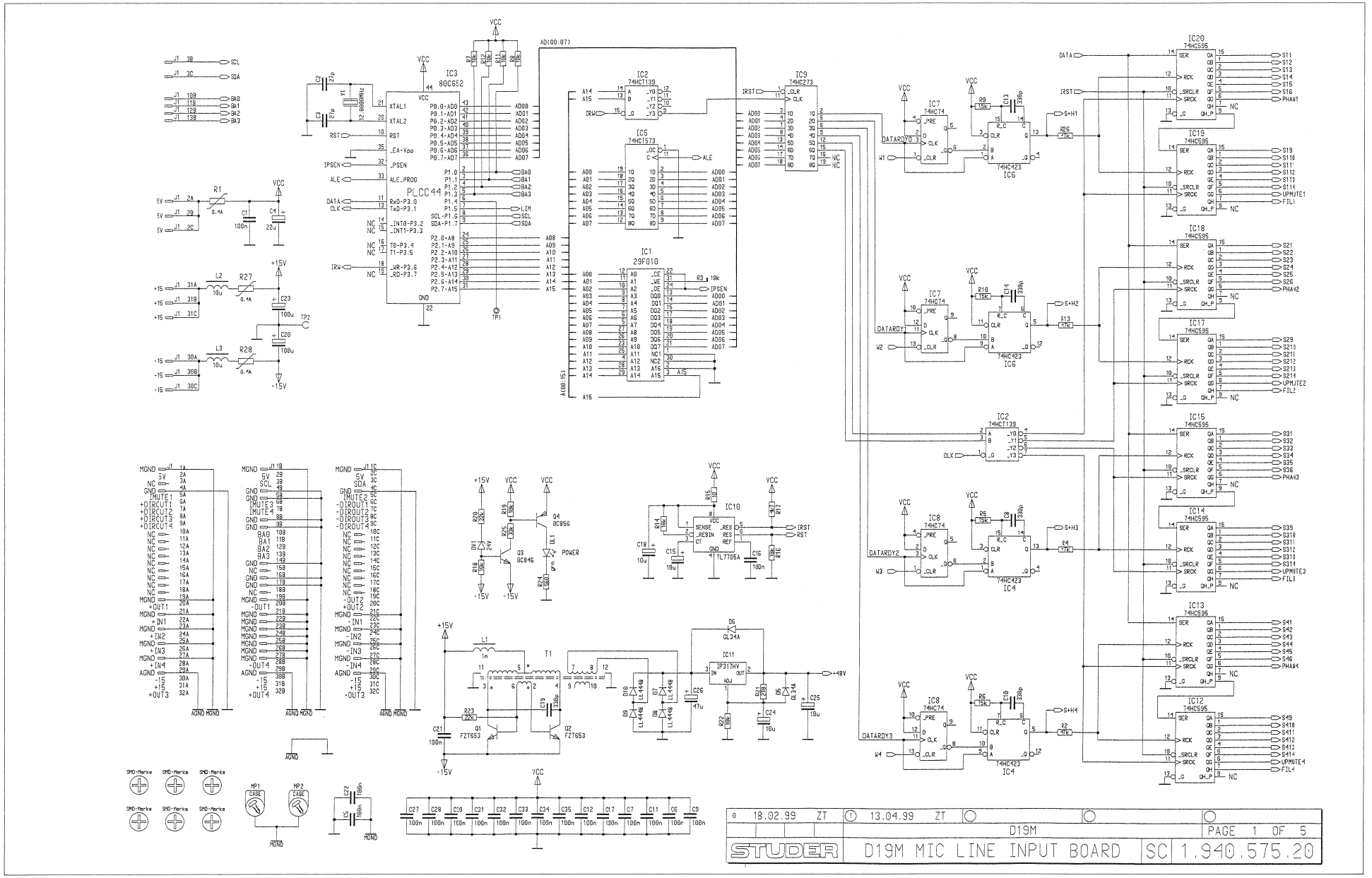
C4AD/24/NS, 24 Bit A/D 1.940.563.20 (2)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 212	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 213	57.60.1103		10k	MF, 1%, 0204, E24
0	R 214	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 215	57.60.1333		33k	MF, 1%, 0204, E24
0	R 216	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 217	57.60.1103		10k	MF, 1%, 0204, E24
0	R 218	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 219	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 220	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 221	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 222	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 223	57.60.1510		51R	MF, 1%, 0204, E24
0	R 301	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 302	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 303	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 304	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 305	57.60.1821		820R	MF, 1%, 0204, E24
0	R 306	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 307	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 308	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 309	57.60.1510		51R	MF, 1%, 0204, E24
0	R 310	57.60.1331		330R	MF, 1%, 0204, E24
0	R 311	57.60.1681		680R	MF, 1%, 0204, E24
0	R 312	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 313	57.60.1103		10k	MF, 1%, 0204, E24
0	R 314	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 315	57.60.1333		33k	MF, 1%, 0204, E24
0	R 316	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 317	57.60.1103		10k	MF, 1%, 0204, E24
0	R 318	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 319	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 320	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 321	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 322	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 323	57.60.1510		51R	MF, 1%, 0204, E24
0	R 324	57.60.1229		2R2	MF, 1%, 0204, E24
0	R 325	57.60.1103		10k	MF, 1%, 0204, E24
0	R 401	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 402	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 403	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 404	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 405	57.60.1821		820R	MF, 1%, 0204, E24
0	R 406	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 407	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 408	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 409	57.60.1510		51R	MF, 1%, 0204, E24
0	R 410	57.60.1331		330R	MF, 1%, 0204, E24
0	R 411	57.60.1681		680R	MF, 1%, 0204, E24
0	R 412	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 413	57.60.1103		10k	MF, 1%, 0204, E24
0	R 414	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 415	57.60.1333		33k	MF, 1%, 0204, E24
0	R 416	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 417	57.60.1103		10k	MF, 1%, 0204, E24
0	R 418	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 419	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 420	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 421	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 422	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 423	57.60.1510		51R	MF, 1%, 0204, E24
0	RA 101	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 102	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 201	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 202	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 301	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 302	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 401	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 402	58.05.1202		2k0	10%, 0.5W, Cermet
0	RZ 1	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	RZ 2	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	RZ 3	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	S 1	55.11.0202		SPDT	Toggle 1 * on-none-on
0	S 2	55.11.0202		SPDT	Toggle 1 * on-none-on
0	T 1	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 101	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 201	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 301	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	T 401	1.022.454.00		1:0.175	EINGANGSTRAFO 1:0,175
0	TP 1	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 3	50.20.2501		Spacer	LED-Sockel
0	XDL 5	not used		Spacer	LED-Sockel
0	XDL 7	50.20.2501		Spacer	LED-Sockel
0	XDL 9	50.20.2501		Spacer	LED-Sockel
0	XDL 10	50.20.2501		Spacer	LED-Sockel
0	XIC 4	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 5	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 13	53.03.2232		32p	PLCC-Socket
0	XIC 14	53.03.2284		84p	PLCC-Socket
0	XIC 17	53.03.2232		32p	PLCC-Socket
0	XT 101	1.022.400.03			ISOLATION
0	XT 201	1.022.400.03			ISOLATION
0	XT 301	1.022.400.03			ISOLATION
0	XT 401	1.022.400.03			ISOLATION
0	XY 1	89.01.1499			QUARZ - ISOLIERPLATTE
0	XY 2	89.01.1499			QUARZ - ISOLIERPLATTE
0	Y 1	89.01.0559		11.289MHz	XTAL
0	Y 2	89.01.1015		12.288MHz	XTAL HC 49/U

End of List

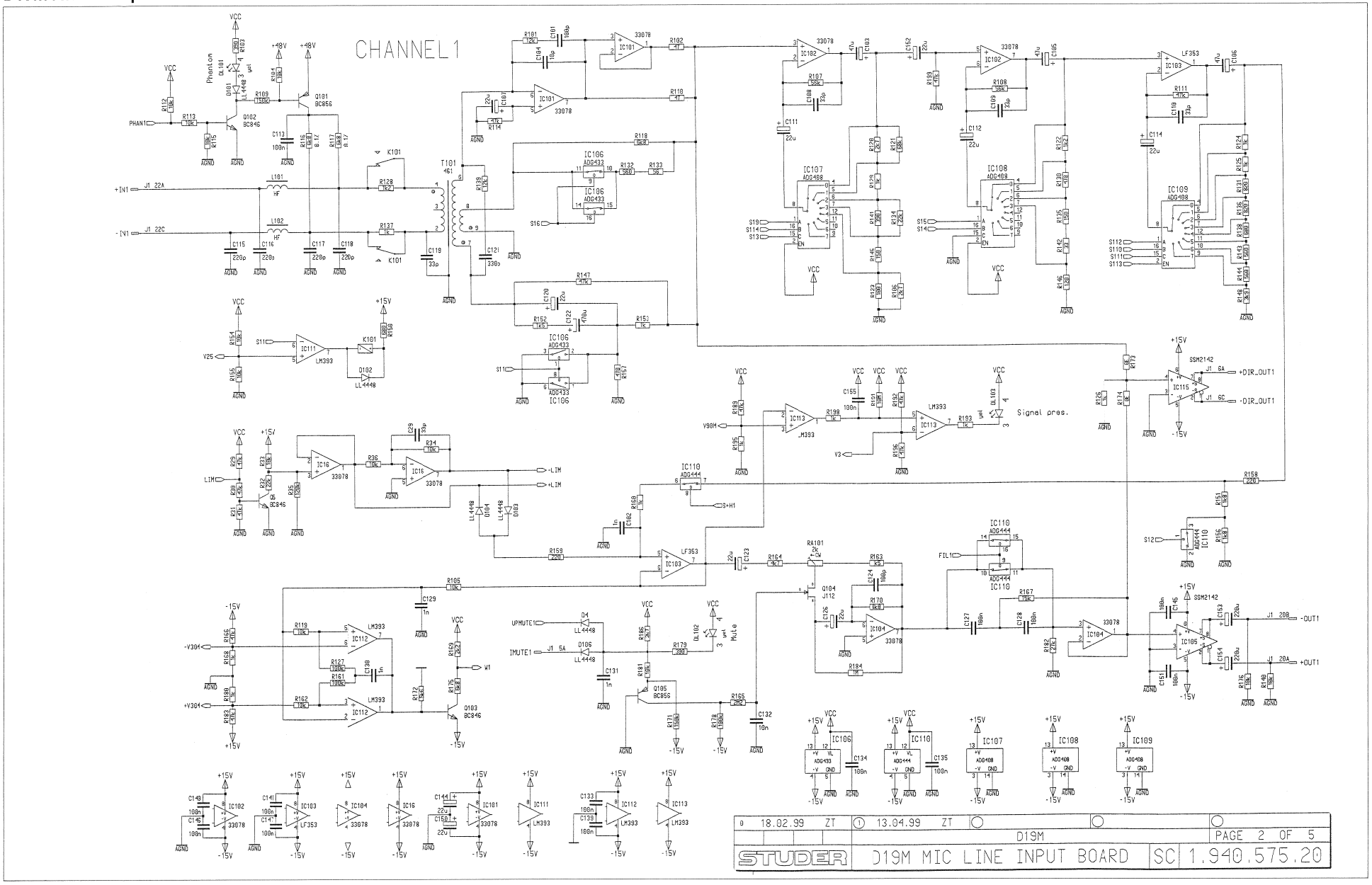
(1) 12.04.00 MP 17 not used
(2) 13.11.00 Additionally D7 and MP21

D19m Mic Line Input Board 1.940.575.20

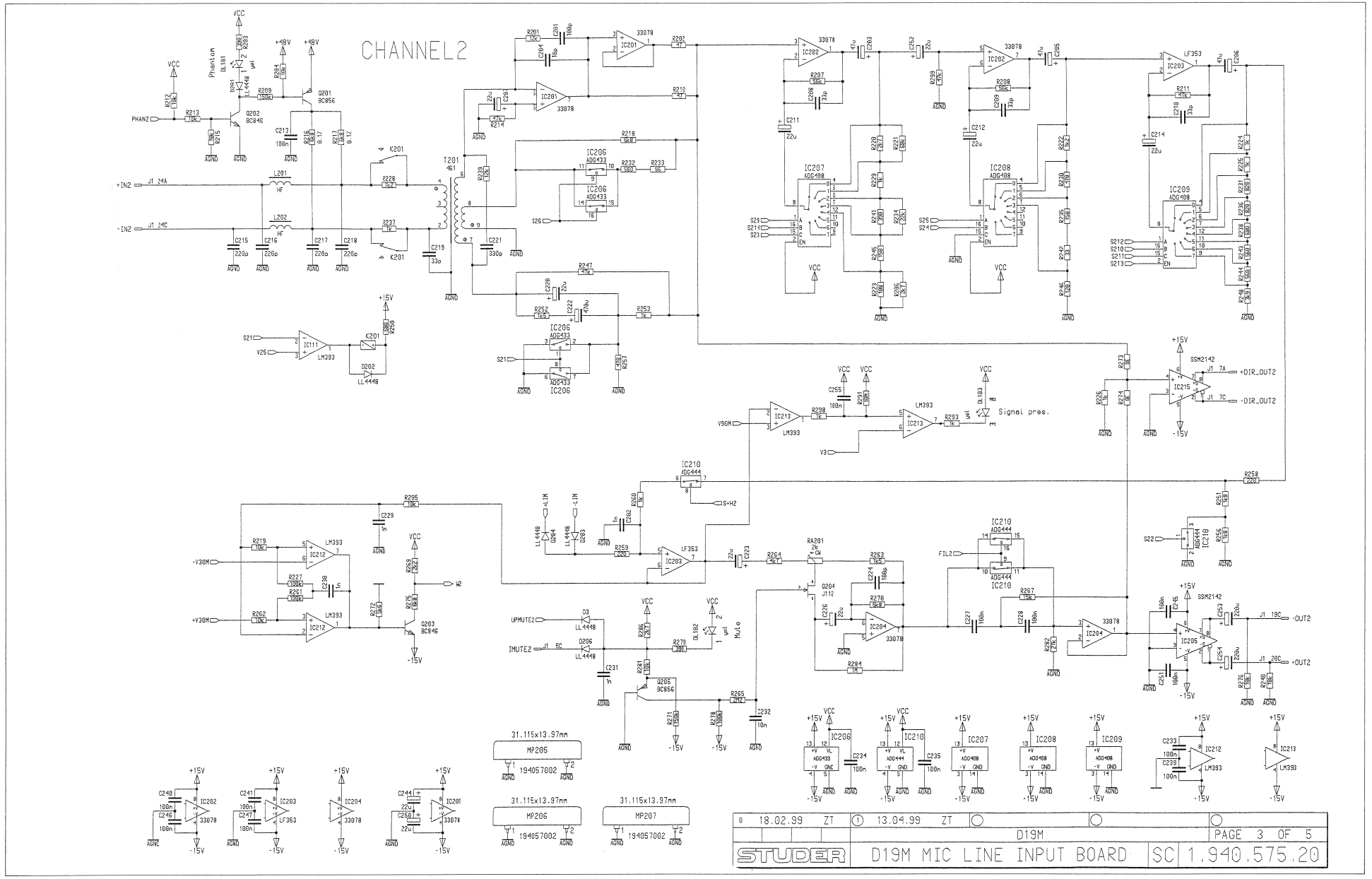


0	18.02.99 ZT	①	13.04.99 ZT		
			D19M		PAGE 1 OF 5
STUDER	D19M MIC LINE INPUT BOARD		SC	1.940.575.20	

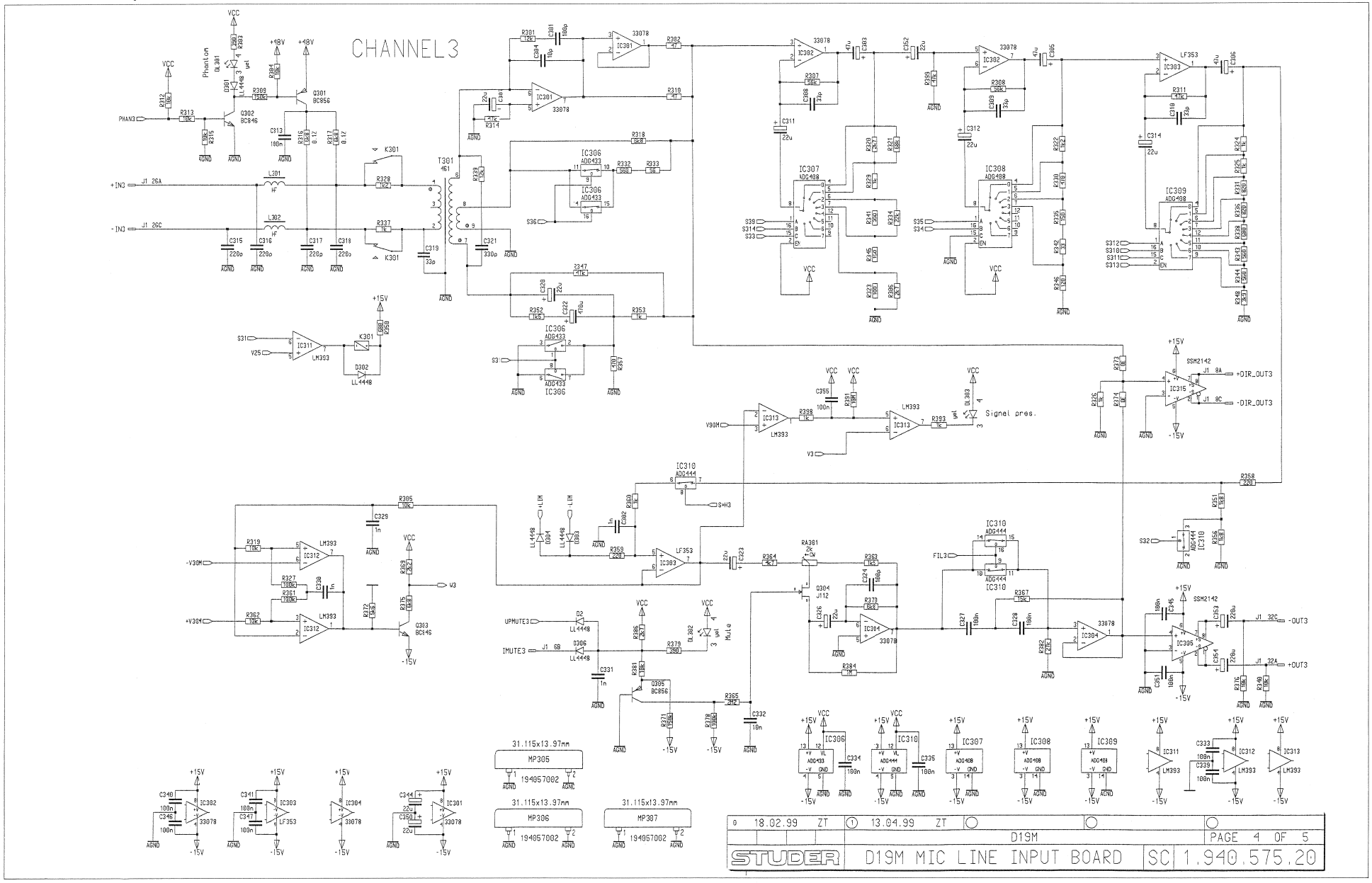
D19m Mic Line Input Board 1.940.575.20



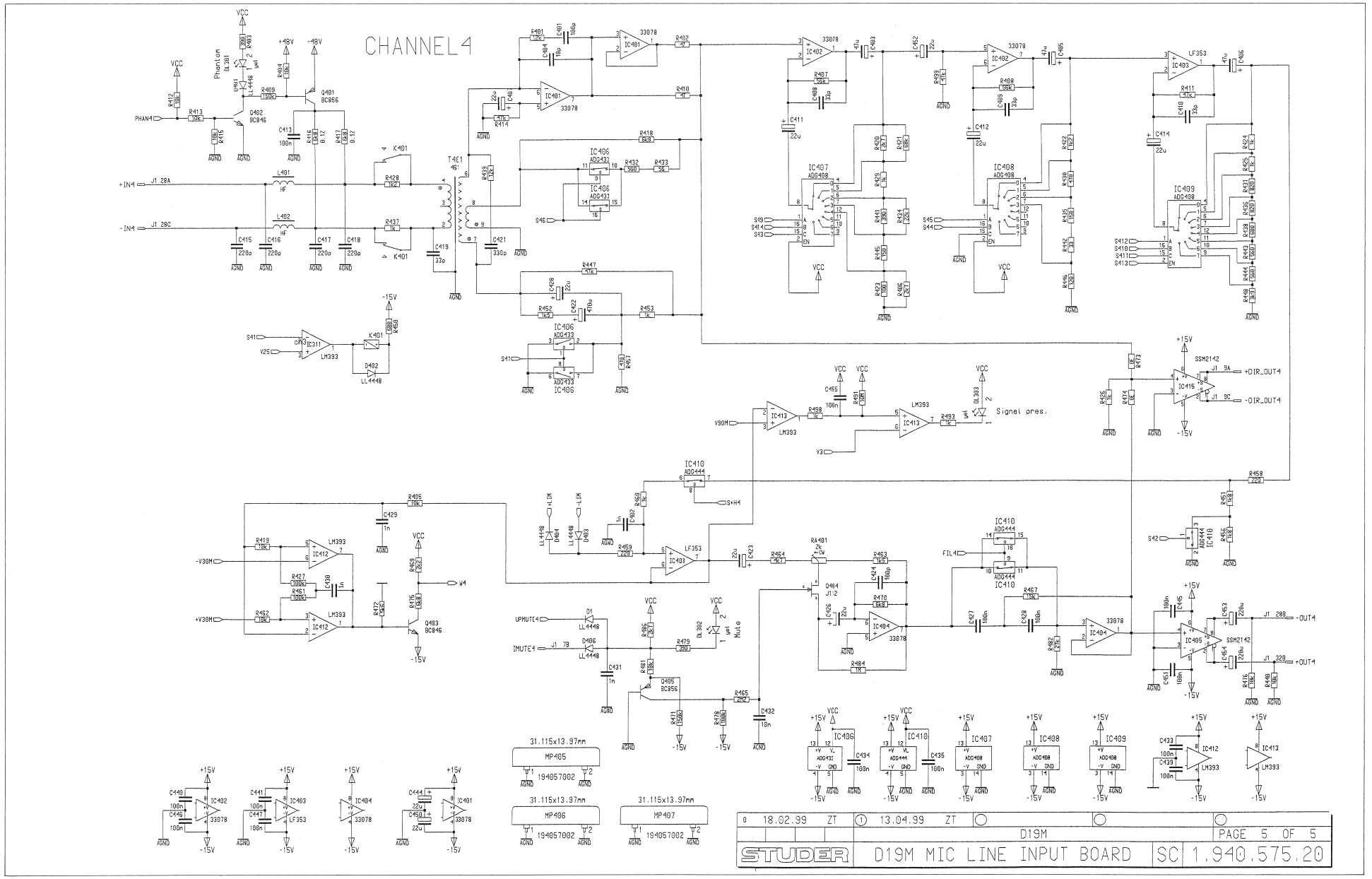
D19m Mic Line Input Board 1.940.575.20



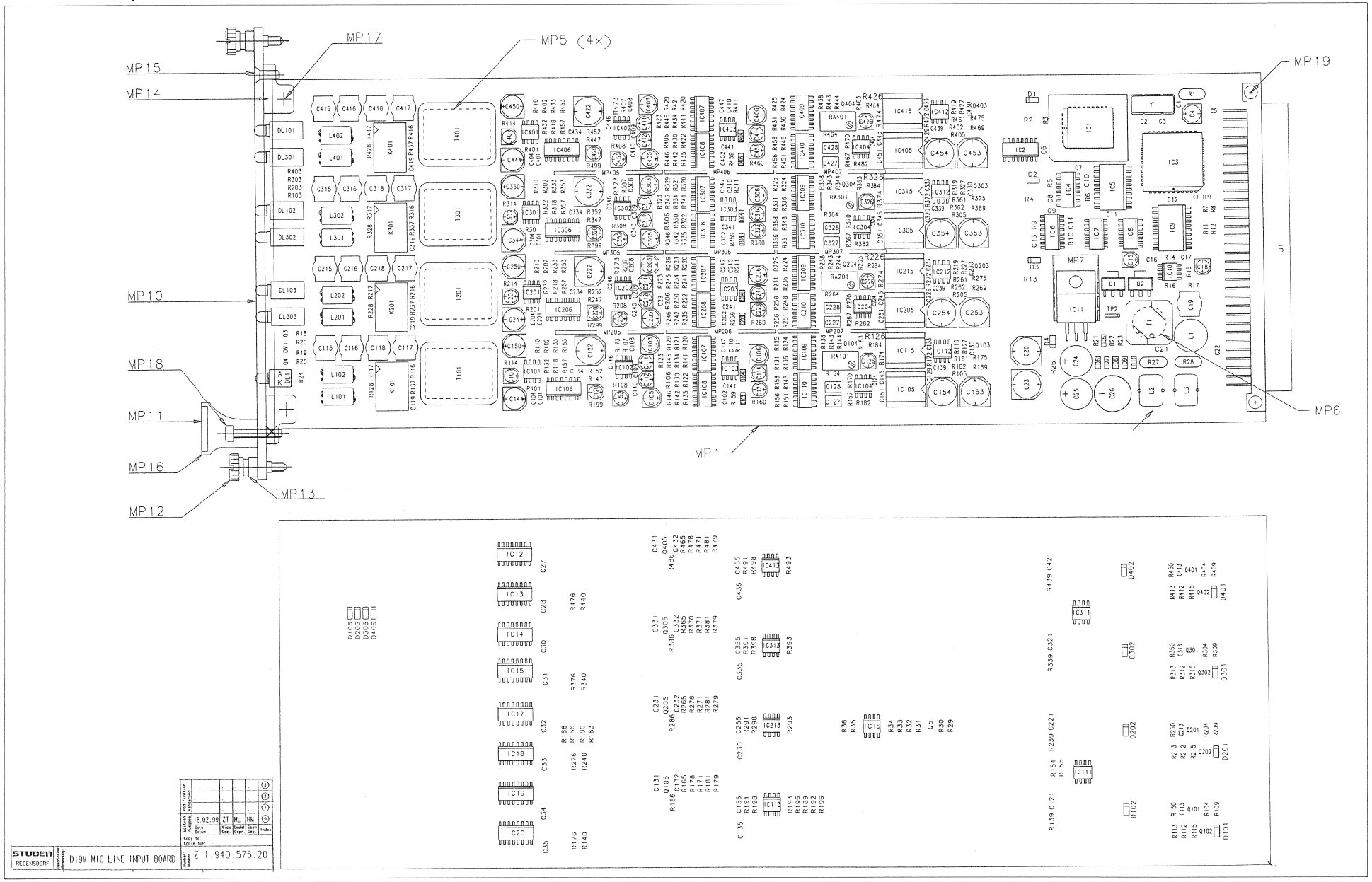
D19m Mic Line Input Board 1.940.575.20



D19m Mic Line Input Board 1.940.575.20



D19m Mic Line Input Board 1.940.575.20



D19m Mic Line Input Board 1.940.575.22 (3)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 4	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.2361		330p	CER 50V, 5%, C0G, 0805
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.2361		330p	CER 50V, 5%, C0G, 0805
0	C 11	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.2361		330p	CER 50V, 5%, C0G, 0805
0	C 14	59.60.2361		330p	CER 50V, 5%, C0G, 0805
0	C 15	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 16	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 19	59.05.2331		330p	PP, 2.5%, 630V
0	C 20	59.68.0115		100u	EL 35V, 8.0*10.7
0	C 21	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 23	59.68.0115		100u	EL 35V, 8.0*10.7
0	C 24	59.22.8100		10u	EL 63V 20% RM5
0	C 25	59.22.8100		10u	EL 63V 20% RM5
0	C 26	59.22.8470		47u	EL 63V 20% RM5
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 35	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 102	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 103	59.68.0027		47u	EL 6V, 5.0*5.7
1	C 104	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 105	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 106	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 107	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 108	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 109	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 110	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 111	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 112	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 113	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 114	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 115	59.05.1221		220p	PP, 1%, 630V
0	C 116	59.05.1221		220p	PP, 1%, 630V
0	C 117	59.05.1221		220p	PP, 1%, 630V
0	C 118	59.05.1221		220p	PP, 1%, 630V
0	C 119	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 120	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 121	59.60.2361		330p	CER 50V, 5%, C0G, 0805
0	C 122	59.68.0033		470u	EL 6V, 8.0*10.7
0	C 123	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 124	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 126	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 127	59.63.0125		100n	PEN 50V, 5%, 1812
0	C 128	59.63.0125		100n	PEN 50V, 5%, 1812
0	C 129	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 130	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 131	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 132	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 133	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 134	not used		100n	CER 50V, 10%, X7R, 0805
0	C 135	not used		100n	CER 50V, 10%, X7R, 0805
0	C 139	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 140	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 141	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 144	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 145	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 146	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 147	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 150	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 151	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 152	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 153	59.68.0031		220u	EL 6V, 8.0*6.3
0	C 154	59.68.0031		220u	EL 6V, 8.0*6.3
0	C 155	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 201	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 202	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 203	59.68.0027		47u	EL 6V, 5.0*5.7
1	C 204	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 205	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 206	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 207	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 208	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 209	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 210	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 211	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 212	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 213	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 214	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 215	59.05.1221		220p	PP, 1%, 630V
0	C 216	59.05.1221		220p	PP, 1%, 630V
0	C 217	59.05.1221		220p	PP, 1%, 630V
0	C 218	59.05.1221		220p	PP, 1%, 630V
0	C 219	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 220	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 221	59.60.2361		330p	CER 50V, 5%, C0G, 0805
0	C 222	59.68.0033		470u	EL 6V, 8.0*10.7
0	C 223	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 224	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 226	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 227	59.63.0125		100n	PEN 50V, 5%, 1812
0	C 228	59.63.0125		100n	PEN 50V, 5%, 1812
0	C 229	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 230	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 231	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 232	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 233	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 234	not used		100n	CER 50V, 10%, X7R, 0805
0	C 235	not used		100n	CER 50V, 10%, X7R, 0805
0	C 239	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 240	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 241	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 244	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 245	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 246	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 247	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 250	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 251	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 252	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 253	59.68.0031		220u	EL 6V, 8.0*6.3
0	C 254	59.68.0031		220u	EL 6V, 8.0*6.3
0	C 255	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 301	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 302	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 303	59.68.0027		47u	EL 6V, 5.0*5.7
1	C 304	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 305	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 306	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 307	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 308	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 309	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 310	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 311	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 312	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 313	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 314	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 315	59.05.1221		220p	PP, 1%, 630V
0	C 316	59.05.1221		220p	PP, 1%, 630V
0	C 317	59.05.1221		220p	PP, 1%, 630V
0	C 318	59.05.1221		220p	PP, 1%, 630V
0	C 319	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 320	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 321	59.60.2361		330p	CER 50V, 5%, C0G, 0805
0	C 322	59.68.0033		470u	EL 6V, 8.0*10.7
0	C 323	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 324	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 326	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 327	59.63.0125		100n	PEN 50V, 5%, 1812
0	C 328	59.63.0125		100n	PEN 50V, 5%, 1812
0	C 329	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 330	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 331	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 332	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 333	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 334	not used		100n	CER 50V, 10%, X7R, 0805
0	C 335	not used		100n	CER 50V, 10%, X7R, 0805
0	C 339	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 340	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 341	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 344	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 345	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 346	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 347	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 350	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 351	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 352	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 353	59.68.0031		220u	EL 6V, 8.0*6.3

D19m Mic Line Input Board 1.940.575.22 (3)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 354	59.68.0031		220u	EL 6V, 8.0*6.3
0	C 355	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 401	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 402	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 403	59.68.0027		47u	EL 6V, 5.0*5.7
1	C 404	59.60.2233		22p	CER 50V, 5%, C0G, 0603
0	C 405	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 406	59.68.0027		47u	EL 6V, 5.0*5.7
0	C 407	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 408	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 409	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 410	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 411	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 412	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 413	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 414	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 415	59.05.1221		220p	PP, 1%, 630V
0	C 416	59.05.1221		220p	PP, 1%, 630V
0	C 417	59.05.1221		220p	PP, 1%, 630V
0	C 418	59.05.1221		220p	PP, 1%, 630V
0	C 419	59.60.2237		33p	CER 50V, 5%, C0G, 0603
0	C 420	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 421	59.60.2361		330p	CER 50V, 5%, C0G, 0805
0	C 422	59.68.0033		470u	EL 6V, 8.0*10.7
0	C 423	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 424	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 426	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 427	59.63.0125		100n	PEN 50V, 5%, 1812
0	C 428	59.63.0125		100n	PEN 50V, 5%, 1812
0	C 429	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 430	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 431	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 432	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 433	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 434	not used		100n	CER 50V, 10%, X7R, 0805
0	C 435	not used		100n	CER 50V, 10%, X7R, 0805
0	C 439	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 440	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 441	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 444	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 445	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 446	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 447	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 450	59.68.0111		22u	EL 35V, 6.3*5.7
0	C 451	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 452	59.68.0025		22u	EL 6V, 4.0*5.7
0	C 453	59.68.0031		220u	EL 6V, 8.0*6.3
0	C 454	59.68.0031		220u	EL 6V, 8.0*6.3
0	C 455	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8002		GL34A	500mA 50V DO 213
0	D 6	50.60.8002		GL34A	500mA 50V DO 213
0	D 7	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 9	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 10	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 101	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 102	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 103	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 104	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 106	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 201	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 202	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 203	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 204	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 206	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 301	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 302	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 303	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 304	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 306	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 401	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 402	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 403	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 404	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 406	50.60.8001		4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 101	50.04.2772		2*yel	Dual-LED mit Halter
0	DL 102	50.04.2772		2*yel	Dual-LED mit Halter
0	DL 103	50.04.2772		2*yel	Dual-LED mit Halter
0	DL 301	50.04.2772		2*yel	Dual-LED mit Halter
0	DL 302	50.04.2772		2*yel	Dual-LED mit Halter
0	DL 303	50.04.2772		2*yel	Dual-LED mit Halter
0	DV 1	50.60.9026		24V	5%, 0.2W, SOT 23

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 1	1.940.984.21			SW 575 Preamp (50.63.1303)
0	IC 2	50.62.3139		74HCT139	Dual 2 to 4 line decoder
0	IC 3	50.63.0009		80C652	MPU 8bit
0	IC 4	50.62.1423		74HC423	Dual multivibr monost retrigg
0	IC 5	50.62.3573		74HCT573	Octal D-type latch
0	IC 6	50.62.1423		74HC423	Dual multivibr monost retrigg
0	IC 7	50.62.1074		74HC 74	Dual D-type FF, preset clear
0	IC 8	50.62.1074		74HC 74	Dual D-type FF, preset clear
0	IC 9	50.62.1273		74HC273	Octal D-FF with reset
0	IC 10	50.63.2001		7705B	Reset Generator
0	IC 11	50.10.0116		LM317HV	IC IP 317 HVT, LM 317 HVT
0	IC 12	50.62.1595		74HC595	8bit shift/output register
0	IC 13	50.62.1595		74HC595	8bit shift/output register
0	IC 14	50.62.1595		74HC595	8bit shift/output register
0	IC 15	50.62.1595		74HC595	8bit shift/output register
0	IC 16	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 17	50.62.1595		74HC595	8bit shift/output register
0	IC 18	50.62.1595		74HC595	8bit shift/output register
0	IC 19	50.62.1595		74HC595	8bit shift/output register
0	IC 20	50.62.1595		74HC595	8bit shift/output register
0	IC 101	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 102	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 103	50.61.0207		LF353	Dual Op-Amp JFET SO 8
0	IC 104	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 105	50.09.0124		2142	Audio balanced line driver
0	IC 106	50.61.8202		ADG433	Quad SPST SO 16
0	IC 107	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 108	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 109	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 110	50.61.8204		ADG444	Quad SPST low charge inj SO 16
0	IC 111	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 112	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 113	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 115	50.09.0124		2142	Audio balanced line driver
0	IC 201	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 202	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 203	50.61.0207		LF353	Dual Op-Amp JFET SO 8
0	IC 204	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 205	50.09.0124		2142	Audio balanced line driver
0	IC 206	50.61.8202		ADG433	Quad SPST SO 16
0	IC 207	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 208	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 209	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 210	50.61.8204		ADG444	Quad SPST low charge inj SO 16
0	IC 212	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 213	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 215	50.09.0124		2142	Audio balanced line driver
0	IC 301	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 302	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 303	50.61.0207		LF353	Dual Op-Amp JFET SO 8
0	IC 304	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 305	50.09.0124		2142	Audio balanced line driver
0	IC 306	50.61.8202		ADG433	Quad SPST SO 16
0	IC 307	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 308	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 309	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 310	50.61.8204		ADG444	Quad SPST low charge inj SO 16
0	IC 311	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 312	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 313	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 315	50.09.0124		2142	Audio balanced line driver
0	IC 401	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 402	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 403	50.61.0207		LF353	Dual Op-Amp JFET SO 8
0	IC 404	50.61.0204		MC33078	Dual Op-Amp low noise
0	IC 405	50.09.0124		2142	Audio balanced line driver
0	IC 406	50.61.8202		ADG433	Quad SPST SO 16
0	IC 407	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 408	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 409	50.61.8201		DG408	8Ch analog Mux SO 16
0	IC 410	50.61.8204		ADG444	Quad SPST low charge inj SO 16
0	IC 412	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 413	50.61.9001		LM393	Dual voltage comp. SO 8
0	IC 415	50.09.0124		2142	Audio balanced line driver
0	J 1	54.11.2009		96p	EU-R 3*32p
0	K 101	56.04.0197		2*u	24V 125V 2A Ag/Au
0	K 201	56.04.0197		2*u	24V 125V 2A Ag/Au
0	K 301	56.04.0197		2*u	24V 125V 2A Ag/Au
0	K 401	56.04.0197		2*u	24V 125V 2A Ag/Au
0	L 1	62.02.3102		1mH	10%, radial RM 5
0	L 2	62.03.0001		10uH	1A Toroid Chocke
0	L 3	62.03.0001		10uH	1A Toroid Chocke
0	L 101	62.60.0902			SMD Wideband choke
0	L 102	62.60.0902			SMD Wideband choke
0	L 201	62.60.0902			SMD Wideband choke
0	L 202	62.60.0902			SMD Wideband choke
0	L 301	62.60.0902			SMD Wideband choke

D19m Mic Line Input Board 1.940.575.22 (3)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	L 302	62.60.0902			SMD Wideband choke
0	L 401	62.60.0902			SMD Wideband choke
0	L 402	62.60.0902			SMD Wideband choke
0	MP 1	1.940.575.13			D19M MIC LINE Input PCB
0	MP 2	1.940.575.04			TYPENSCHILD
0	MP 3	1.101.001.22			TEXT-ETIK. 5*20 HARDWARE -22
0	MP 4	43.01.0108		Label	ESE-WARNSCHILD
0	MP 5	1.022.400.03	4 pcs		ISOLATION
0	MP 6	1.010.004.61		RM5	Isolierscheibe d=10
0	MP 7	50.20.3004			Kühlkörper, TO 220, horizontal
0	MP 10	1.940.575.01	1 pce		FRONTPLATTE MP4RC
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
2	MP 17	not used	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
				Schraube ist in MP14 (49.02.0522 Kartenhalter) enthalten	
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
3	MP 20	43.10.0111	1 pce	B	Revisions-Etikette 5mm h'blau
0	MP 205	not used			Abschirmblech
0	MP 206	not used			Abschirmblech
0	MP 207	not used			Abschirmblech
0	MP 305	not used			Abschirmblech
0	MP 306	not used			Abschirmblech
0	MP 307	not used			Abschirmblech
0	MP 405	not used			Abschirmblech
0	MP 406	not used			Abschirmblech
0	MP 407	not used			Abschirmblech
0	Q 1	50.60.0150		FZT653	NPN 100V 2.0A SOT 223
0	Q 2	50.60.0150		FZT653	NPN 100V 2.0A SOT 223
0	Q 3	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 4	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 5	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 101	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 102	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 103	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 104	50.60.2001		J112	JFET N-Channel
0	Q 105	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 201	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 202	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 203	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 204	50.60.2001		J112	JFET N-Channel
0	Q 205	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 301	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 302	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 303	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 304	50.60.2001		J112	JFET N-Channel
0	Q 305	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 401	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 402	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 403	50.60.0003		BC846B	NPN 65V 100mA SOT 23
0	Q 404	50.60.2001		J112	JFET N-Channel
0	Q 405	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	R 1	57.92.7019		0.4A	PTC 60V
0	R 2	57.60.1473		47k	MF, 1%, 0204, E24
0	R 3	57.69.1097		10k	CF 5% 0603
0	R 4	57.60.1473		47k	MF, 1%, 0204, E24
0	R 5	57.60.1153		15k	MF, 1%, 0204, E24
0	R 6	57.60.1153		15k	MF, 1%, 0204, E24
0	R 7	57.60.1103		10k	MF, 1%, 0204, E24
0	R 8	57.60.1103		10k	MF, 1%, 0204, E24
0	R 9	57.60.1153		15k	MF, 1%, 0204, E24
0	R 10	57.60.1153		15k	MF, 1%, 0204, E24
0	R 11	57.60.1103		10k	MF, 1%, 0204, E24
0	R 12	57.60.1103		10k	MF, 1%, 0204, E24
0	R 13	57.60.1473		47k	MF, 1%, 0204, E24
0	R 14	57.60.1103		10k	MF, 1%, 0204, E24
0	R 15	57.60.1100		10R	MF, 1%, 0204, E24
0	R 16	57.60.1103		10k	MF, 1%, 0204, E24
0	R 17	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 18	57.60.1103		10k	MF, 1%, 0204, E24
0	R 19	57.60.1103		10k	MF, 1%, 0204, E24
0	R 20	57.60.1223		22k	MF, 1%, 0204, E24
0	R 21	57.60.1271		270R	MF, 1%, 0204, E24
0	R 22	57.60.1103		10k	MF, 1%, 0204, E24
0	R 23	57.60.1223		22k	MF, 1%, 0204, E24
0	R 24	57.60.1561		560R	MF, 1%, 0204, E24
0	R 25	57.60.1333		33k	MF, 1%, 0204, E24
0	R 26	57.60.1473		47k	MF, 1%, 0204, E24
0	R 27	57.92.7019		0.4A	PTC 60V
0	R 28	57.92.7019		0.4A	PTC 60V
0	R 29	57.60.1473		47k	MF, 1%, 0204, E24
0	R 30	57.60.1473		47k	MF, 1%, 0204, E24
0	R 31	57.60.1473		47k	MF, 1%, 0204, E24
3	R 32	57.60.1123		12k	MF, 1%, 0204, E24
0	R 33	57.60.1103		10k	MF, 1%, 0204, E24
0	R 34	57.60.1103		10k	MF, 1%, 0204, E24
0	R 35	57.60.1124		120k	MF, 1%, 0204, E24
0	R 36	57.60.1103		10k	MF, 1%, 0204, E24
0	R 101	57.60.1123		12k	MF, 1%, 0204, E24
0	R 102	57.60.1470		47R	MF, 1%, 0204, E24
0	R 103	57.60.1391		390R	MF, 1%, 0204, E24
0	R 104	57.60.1103		10k	MF, 1%, 0204, E24
0	R 105	57.60.1103		10k	MF, 1%, 0204, E24
0	R 106	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 107	57.60.1563		56k	MF, 1%, 0204, E24
0	R 108	57.60.1563		56k	MF, 1%, 0204, E24
0	R 109	57.60.1154		150k	MF, 1%, 0204, E24
0	R 110	57.60.1470		47R	MF, 1%, 0204, E24
0	R 111	57.60.1473		47k	MF, 1%, 0204, E24
0	R 112	57.60.1103		10k	MF, 1%, 0204, E24
0	R 113	57.60.1103		10k	MF, 1%, 0204, E24
0	R 114	57.60.1473		47k	MF, 1%, 0204, E24
0	R 115	57.60.1103		10k	MF, 1%, 0204, E24
0	R 116	57.69.2002		6k8	MF 0.1% 25ppm 0204
0	R 117	57.69.2002		6k8	MF 0.1% 25ppm 0204
0	R 118	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 119	57.60.1103		10k	MF, 1%, 0204, E24
0	R 120	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 121	57.60.1683		68k	MF, 1%, 0204, E24
0	R 122	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 123	57.60.1101		100R	MF, 1%, 0204, E24
0	R 124	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 125	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 126	not used		1k0	MF, 1%, 0204, E24
0	R 127	57.60.1104		100k	MF, 1%, 0204, E24
0	R 128	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 129	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 130	57.60.1471		470R	MF, 1%, 0204, E24
0	R 131	57.60.1821		820R	MF, 1%, 0204, E24
0	R 132	57.60.1561		560R	MF, 1%, 0204, E24
0	R 133	57.60.1560		56R	MF, 1%, 0204, E24
0	R 134	57.60.1223		22k	MF, 1%, 0204, E24
0	R 135	57.60.1151		150R	MF, 1%, 0204, E24
0	R 136	57.60.1821		820R	MF, 1%, 0204, E24
0	R 137	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 138	57.60.1681		680R	MF, 1%, 0204, E24
0	R 139	57.60.1123		12k	MF, 1%, 0204, E24
0	R 140	57.60.1103		10k	MF, 1%, 0204, E24
0	R 141	57.60.1391		390R	MF, 1%, 0204, E24
0	R 142	57.60.1330		33R	MF, 1%, 0204, E24
0	R 143	57.60.1561		560R	MF, 1%, 0204, E24
0	R 144	57.60.1561		560R	MF, 1%, 0204, E24
0	R 145	57.60.1151		150R	MF, 1%, 0204, E24
0	R 146	57.60.1121		120R	MF, 1%, 0204, E24
0	R 147	57.60.1473		47k	MF, 1%, 0204, E24
0	R 148	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 150	57.60.1681		680R	MF, 1%, 0204, E24
0	R 151	57.60.1182		1k8	MF, 1%, 0204, E24
0	R 152	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 153	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 154	57.60.1103		10k	MF, 1%, 0204, E24
0	R 155	57.60.1103		10k	MF, 1%, 0204, E24
0	R 156	57.60.1182		1k8	MF, 1%, 0204, E24
0	R 157	57.60.1471		470R	MF, 1%, 0204, E24
0	R 158	57.60.1221		220R	MF, 1%, 0204, E24
0	R 159	57.60.1221		220R	MF, 1%, 0204, E24
0	R 160	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 161	57.60.1104		100k	MF, 1%, 0204, E24
0	R 162	57.60.1103		10k	MF, 1%, 0204, E24
0	R 163	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 164	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 165	57.60.1225		2M2	MF, 1%, 0204, E24
0	R 166	57.60.1473		47k	MF, 1%, 0204, E24
0	R 167	57.60.1153		15k	MF, 1%, 0204, E24
0	R 168	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 169	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 170	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 171	57.60.1154		150k	MF, 1%, 0204, E24
0	R 172	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 173	57.60.1000		0R0	MF, 0204
0	R 174	not used		0R0	MF, 0204
0	R 175	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 176	57.60.1103		10k	MF, 1%, 0204, E24
0	R 178	57.60.1104		100k	MF, 1%, 0204, E24
0	R 179	57.60.1391		390R	MF, 1%, 0204, E24
0	R 180	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 181	57.60.1103		10k	MF, 1%, 0204, E24
0	R 182	57.60.1273		27k	MF, 1%, 0204, E24
0	R 183	57.60.1473		47k	MF, 1%, 0204, E24
0	R 184	57.60.1105		1M	MF, 1%, 0204, E24

D19m Mic Line Input Board 1.940.575.22 (3)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 186	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 189	57.60.1473		47k	MF, 1%, 0204, E24
0	R 191	57.60.1106		10M	MF, 1%, 0204, E24
0	R 192	57.60.1473		47k	MF, 1%, 0204, E24
0	R 193	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 195	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 196	57.60.1473		47k	MF, 1%, 0204, E24
0	R 198	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 199	57.60.1473		47k	MF, 1%, 0204, E24
0	R 201	57.60.1123		12k	MF, 1%, 0204, E24
0	R 202	57.60.1470		47R	MF, 1%, 0204, E24
0	R 203	57.60.1391		390R	MF, 1%, 0204, E24
0	R 204	57.60.1103		10k	MF, 1%, 0204, E24
0	R 205	57.60.1103		10k	MF, 1%, 0204, E24
0	R 206	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 207	57.60.1563		56k	MF, 1%, 0204, E24
0	R 208	57.60.1563		56k	MF, 1%, 0204, E24
0	R 209	57.60.1154		150k	MF, 1%, 0204, E24
0	R 210	57.60.1470		47R	MF, 1%, 0204, E24
0	R 211	57.60.1473		47k	MF, 1%, 0204, E24
0	R 212	57.60.1103		10k	MF, 1%, 0204, E24
0	R 213	57.60.1103		10k	MF, 1%, 0204, E24
0	R 214	57.60.1473		47k	MF, 1%, 0204, E24
0	R 215	57.60.1103		10k	MF, 1%, 0204, E24
0	R 216	57.69.2002		6k8	MF 0.1% 25ppm 0204
0	R 217	57.69.2002		6k8	MF 0.1% 25ppm 0204
0	R 218	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 219	57.60.1103		10k	MF, 1%, 0204, E24
0	R 220	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 221	57.60.1683		68k	MF, 1%, 0204, E24
0	R 222	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 223	57.60.1101		100R	MF, 1%, 0204, E24
0	R 224	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 225	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 226	not used		1k0	MF, 1%, 0204, E24
0	R 227	57.60.1104		100k	MF, 1%, 0204, E24
0	R 228	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 229	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 230	57.60.1471		470R	MF, 1%, 0204, E24
0	R 231	57.60.1821		820R	MF, 1%, 0204, E24
0	R 232	57.60.1561		560R	MF, 1%, 0204, E24
0	R 233	57.60.1560		56R	MF, 1%, 0204, E24
0	R 234	57.60.1223		22k	MF, 1%, 0204, E24
0	R 235	57.60.1151		150R	MF, 1%, 0204, E24
0	R 236	57.60.1821		820R	MF, 1%, 0204, E24
0	R 237	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 238	57.60.1681		680R	MF, 1%, 0204, E24
0	R 239	57.60.1123		12k	MF, 1%, 0204, E24
0	R 240	57.60.1103		10k	MF, 1%, 0204, E24
0	R 241	57.60.1391		390R	MF, 1%, 0204, E24
0	R 242	57.60.1330		33R	MF, 1%, 0204, E24
0	R 243	57.60.1561		560R	MF, 1%, 0204, E24
0	R 244	57.60.1561		560R	MF, 1%, 0204, E24
0	R 245	57.60.1151		150R	MF, 1%, 0204, E24
0	R 246	57.60.1121		120R	MF, 1%, 0204, E24
0	R 247	57.60.1473		47k	MF, 1%, 0204, E24
0	R 248	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 250	57.60.1681		680R	MF, 1%, 0204, E24
0	R 251	57.60.1182		1k8	MF, 1%, 0204, E24
0	R 252	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 253	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 256	57.60.1182		1k8	MF, 1%, 0204, E24
0	R 257	57.60.1471		470R	MF, 1%, 0204, E24
0	R 258	57.60.1221		220R	MF, 1%, 0204, E24
0	R 259	57.60.1221		220R	MF, 1%, 0204, E24
0	R 260	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 261	57.60.1104		100k	MF, 1%, 0204, E24
0	R 262	57.60.1103		10k	MF, 1%, 0204, E24
0	R 263	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 264	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 265	57.60.1225		2M2	MF, 1%, 0204, E24
0	R 267	57.60.1153		15k	MF, 1%, 0204, E24
0	R 269	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 270	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 271	57.60.1154		150k	MF, 1%, 0204, E24
0	R 272	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 273	57.60.1000		0R0	MF, 0204
0	R 274	not used		0R0	MF, 0204
0	R 275	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 276	57.60.1103		10k	MF, 1%, 0204, E24
0	R 278	57.60.1104		100k	MF, 1%, 0204, E24
0	R 279	57.60.1391		390R	MF, 1%, 0204, E24
0	R 281	57.60.1103		10k	MF, 1%, 0204, E24
0	R 282	57.60.1273		27k	MF, 1%, 0204, E24
0	R 284	57.60.1105		1M	MF, 1%, 0204, E24
0	R 286	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 291	57.60.1106		10M	MF, 1%, 0204, E24

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 293	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 298	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 299	57.60.1473		47k	MF, 1%, 0204, E24
0	R 301	57.60.1123		12k	MF, 1%, 0204, E24
0	R 302	57.60.1470		47R	MF, 1%, 0204, E24
0	R 303	57.60.1391		390R	MF, 1%, 0204, E24
0	R 304	57.60.1103		10k	MF, 1%, 0204, E24
0	R 305	57.60.1103		10k	MF, 1%, 0204, E24
0	R 306	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 307	57.60.1563		56k	MF, 1%, 0204, E24
0	R 308	57.60.1563		56k	MF, 1%, 0204, E24
0	R 309	57.60.1154		150k	MF, 1%, 0204, E24
0	R 310	57.60.1470		47R	MF, 1%, 0204, E24
0	R 311	57.60.1473		47k	MF, 1%, 0204, E24
0	R 312	57.60.1103		10k	MF, 1%, 0204, E24
0	R 313	57.60.1103		10k	MF, 1%, 0204, E24
0	R 314	57.60.1473		47k	MF, 1%, 0204, E24
0	R 315	57.60.1103		10k	MF, 1%, 0204, E24
0	R 316	57.69.2002		6k8	MF 0.1% 25ppm 0204
0	R 317	57.69.2002		6k8	MF 0.1% 25ppm 0204
0	R 318	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 319	57.60.1103		10k	MF, 1%, 0204, E24
0	R 320	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 321	57.60.1683		68k	MF, 1%, 0204, E24
0	R 322	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 323	57.60.1101		100R	MF, 1%, 0204, E24
0	R 324	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 325	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 326	not used		1k0	MF, 1%, 0204, E24
0	R 327	57.60.1104		100k	MF, 1%, 0204, E24
0	R 328	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 329	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 330	57.60.1471		470R	MF, 1%, 0204, E24
0	R 331	57.60.1821		820R	MF, 1%, 0204, E24
0	R 332	57.60.1561		560R	MF, 1%, 0204, E24
0	R 333	57.60.1560		56R	MF, 1%, 0204, E24
0	R 334	57.60.1223		22k	MF, 1%, 0204, E24
0	R 335	57.60.1151		150R	MF, 1%, 0204, E24
0	R 336	57.60.1821		820R	MF, 1%, 0204, E24
0	R 337	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 338	57.60.1681		680R	MF, 1%, 0204, E24
0	R 339	57.60.1123		12k	MF, 1%, 0204, E24
0	R 340	57.60.1103		10k	MF, 1%, 0204, E24
0	R 341	57.60.1391		390R	MF, 1%, 0204, E24
0	R 342	57.60.1330		33R	MF, 1%, 0204, E24
0	R 343	57.60.1561		560R	MF, 1%, 0204, E24
0	R 344	57.60.1561		560R	MF, 1%, 0204, E24
0	R 345	57.60.1151		150R	MF, 1%, 0204, E24
0	R 346	57.60.1121		120R	MF, 1%, 0204, E24
0	R 347	57.60.1473		47k	MF, 1%, 0204, E24
0	R 348	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 350	57.60.1681		680R	MF, 1%, 0204, E24
0	R 351	57.60.1182		1k8	MF, 1%, 0204, E24
0	R 352	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 353	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 356	57.60.1182		1k8	MF, 1%, 0204, E24
0	R 357	57.60.1471		470R	MF, 1%, 0204, E24
0	R 358	57.60.1221		220R	MF, 1%, 0204, E24
0	R 359	57.60.1221		220R	MF, 1%, 0204, E24
0	R 360	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 361	57.60.1104		100k	MF, 1%, 0204, E24
0	R 362	57.60.1103		10k	MF, 1%, 0204, E24
0	R 363	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 364	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 365	57.60.1225		2M2	MF, 1%, 0204, E24
0	R 367	57.60.1153		15k	MF, 1%, 0204, E24
0	R 369	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 370	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 371	57.60.1154		150k	MF, 1%, 0204, E24
0	R 372	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 373	57.60.1000		0R0	MF, 0204
0	R 374	not used		0R0	MF, 0204
0	R 375	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 376	57.60.1103		10k	MF, 1%, 0204, E24
0	R 378	57.60.1104		100k	MF, 1%, 0204, E24
0	R 379	57.60.1391		390R	MF, 1%, 0204, E24
0	R 381	57.60.1103		10k	MF, 1%, 0204, E24
0	R 382	57.60.1273		27k	MF, 1%, 0204, E24
0	R 384	57.60.1105		1M	MF, 1%, 0204, E24
0	R 386	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 391	57.60.1106		10M	MF, 1%, 0204, E24
0	R 393	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 398	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 399	57.60.1473		47k	MF, 1%, 0204, E24
0	R 401	57.60.1123		12k	MF, 1%, 0204, E24
0	R 402	57.60.1470		47R	MF, 1%, 0204, E24
0	R 403	57.60.1391		390R	MF, 1%, 0204, E24

D19m Mic Line Input Board 1.940.575.22 (3)

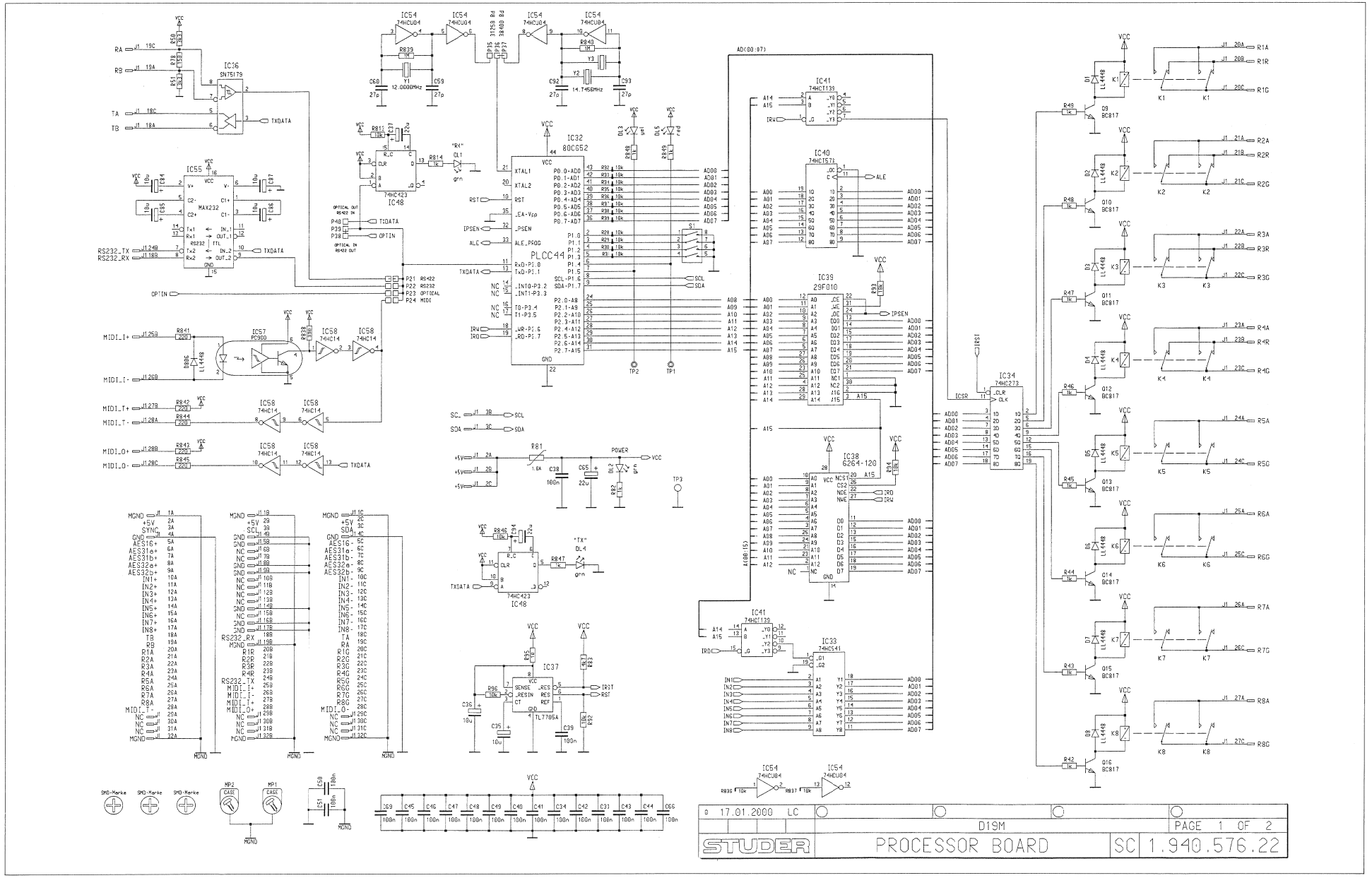
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 404	57.60.1103		10k	MF, 1%, 0204, E24
0	R 405	57.60.1103		10k	MF, 1%, 0204, E24
0	R 406	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 407	57.60.1563		56k	MF, 1%, 0204, E24
0	R 408	57.60.1563		56k	MF, 1%, 0204, E24
0	R 409	57.60.1154		150k	MF, 1%, 0204, E24
0	R 410	57.60.1470		47R	MF, 1%, 0204, E24
0	R 411	57.60.1473		47k	MF, 1%, 0204, E24
0	R 412	57.60.1103		10k	MF, 1%, 0204, E24
0	R 413	57.60.1103		10k	MF, 1%, 0204, E24
0	R 414	57.60.1473		47k	MF, 1%, 0204, E24
0	R 415	57.60.1103		10k	MF, 1%, 0204, E24
0	R 416	57.69.2002		6k8	MF 0.1% 25ppm 0204
0	R 417	57.69.2002		6k8	MF 0.1% 25ppm 0204
0	R 418	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 419	57.60.1103		10k	MF, 1%, 0204, E24
0	R 420	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 421	57.60.1683		68k	MF, 1%, 0204, E24
0	R 422	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 423	57.60.1101		100R	MF, 1%, 0204, E24
0	R 424	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 425	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 426	not used		1k0	MF, 1%, 0204, E24
0	R 427	57.60.1104		100k	MF, 1%, 0204, E24
0	R 428	57.60.1122		1k2	MF, 1%, 0204, E24
0	R 429	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 430	57.60.1471		470R	MF, 1%, 0204, E24
0	R 431	57.60.1821		820R	MF, 1%, 0204, E24
0	R 432	57.60.1561		560R	MF, 1%, 0204, E24
0	R 433	57.60.1560		56R	MF, 1%, 0204, E24
0	R 434	57.60.1223		22k	MF, 1%, 0204, E24
0	R 435	57.60.1151		150R	MF, 1%, 0204, E24
0	R 436	57.60.1821		820R	MF, 1%, 0204, E24
0	R 437	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 438	57.60.1681		680R	MF, 1%, 0204, E24
0	R 439	57.60.1123		12k	MF, 1%, 0204, E24
0	R 440	57.60.1103		10k	MF, 1%, 0204, E24
0	R 441	57.60.1391		390R	MF, 1%, 0204, E24
0	R 442	57.60.1330		33R	MF, 1%, 0204, E24
0	R 443	57.60.1561		560R	MF, 1%, 0204, E24
0	R 444	57.60.1561		560R	MF, 1%, 0204, E24
0	R 445	57.60.1151		150R	MF, 1%, 0204, E24
0	R 446	57.60.1121		120R	MF, 1%, 0204, E24
0	R 447	57.60.1473		47k	MF, 1%, 0204, E24
0	R 448	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 450	57.60.1681		680R	MF, 1%, 0204, E24
0	R 451	57.60.1182		1k8	MF, 1%, 0204, E24
0	R 452	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 453	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 456	57.60.1182		1k8	MF, 1%, 0204, E24
0	R 457	57.60.1471		470R	MF, 1%, 0204, E24
0	R 458	57.60.1221		220R	MF, 1%, 0204, E24
0	R 459	57.60.1221		220R	MF, 1%, 0204, E24
0	R 460	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 461	57.60.1104		100k	MF, 1%, 0204, E24
0	R 462	57.60.1103		10k	MF, 1%, 0204, E24
0	R 463	57.60.1152		1k5	MF, 1%, 0204, E24
0	R 464	57.60.1472		4k7	MF, 1%, 0204, E24
0	R 465	57.60.1225		2M2	MF, 1%, 0204, E24
0	R 467	57.60.1153		15k	MF, 1%, 0204, E24
0	R 469	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 470	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 471	57.60.1154		150k	MF, 1%, 0204, E24
0	R 472	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 473	57.60.1000		0R0	MF, 0204
0	R 474	not used		0R0	MF, 0204
0	R 475	57.60.1682		6k8	MF, 1%, 0204, E24
0	R 476	57.60.1103		10k	MF, 1%, 0204, E24
0	R 478	57.60.1104		100k	MF, 1%, 0204, E24
0	R 479	57.60.1391		390R	MF, 1%, 0204, E24
0	R 481	57.60.1103		10k	MF, 1%, 0204, E24
0	R 482	57.60.1273		27k	MF, 1%, 0204, E24
0	R 484	57.60.1105		1M	MF, 1%, 0204, E24
0	R 486	57.60.1272		2k7	MF, 1%, 0204, E24
0	R 491	57.60.1106		10M	MF, 1%, 0204, E24
0	R 493	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 498	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 499	57.60.1473		47k	MF, 1%, 0204, E24
0	RA 101	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 201	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 301	58.05.1202		2k0	10%, 0.5W, Cermet
0	RA 401	58.05.1202		2k0	10%, 0.5W, Cermet
0	T 1	1.022.653.00			TRAFO VF-DISPLAY
0	T 101	1.022.461.00			HIGH-LEVEL MIC INPUT
0	T 201	1.022.461.00			HIGH-LEVEL MIC INPUT
0	T 301	1.022.461.00			HIGH-LEVEL MIC INPUT
0	T 401	1.022.461.00			HIGH-LEVEL MIC INPUT

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	TP 2	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XIC 1	53.03.2232		32p	PLCC-Socket
0	XIC 10	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 11	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 20	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 21	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 30	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 31	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 40	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 41	53.03.0166		8p	DIL 0.3", löt, gerade
0	Y 1	89.60.1003		12.000MHz	SMD Quartz

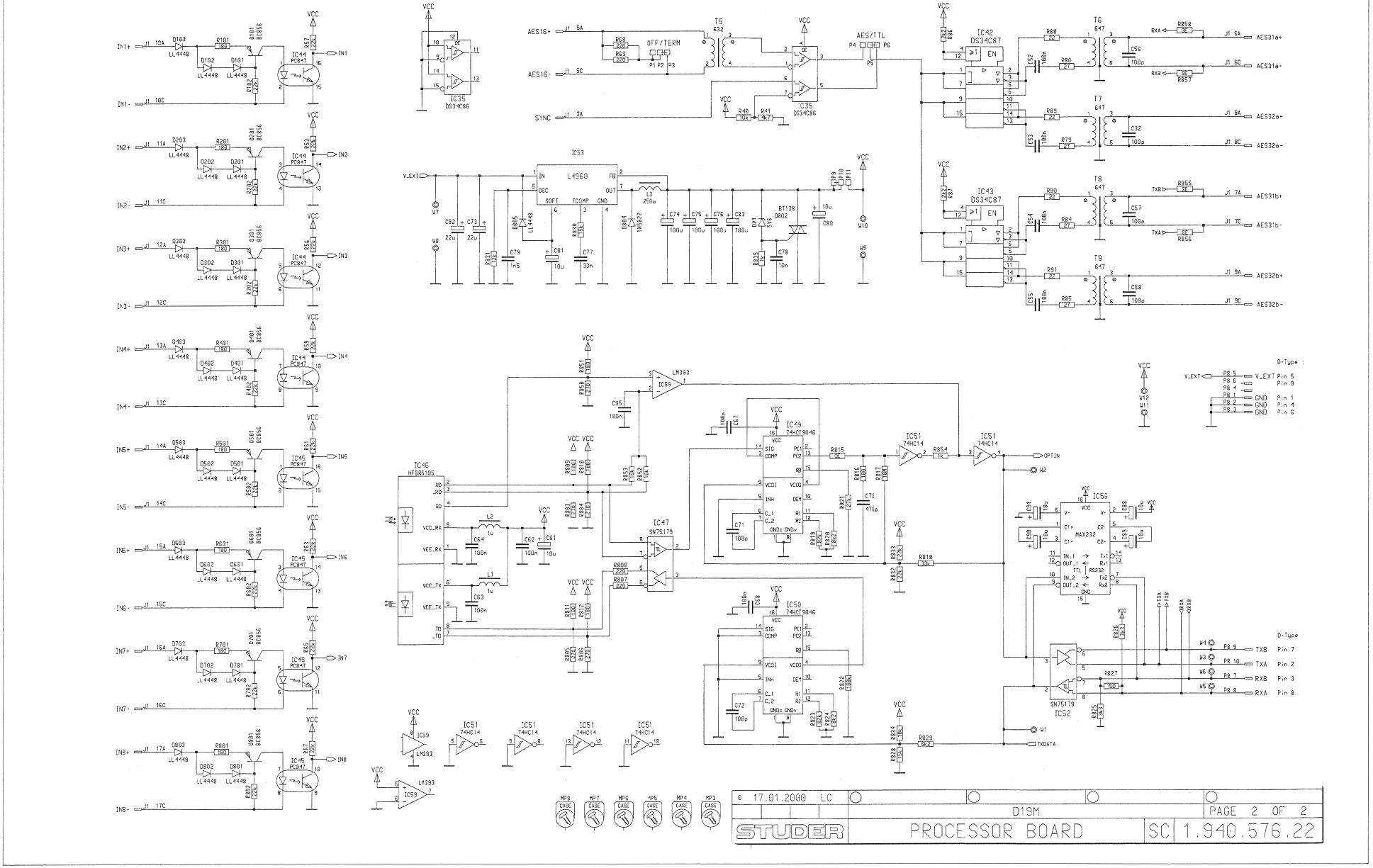
End of List

(1) C104,C204,C304,C404 changed to 22pF
Additional:MP20
(2) 12.04.00 MP 17 not used
(3) Improved limiter performance: R32 changed to 12k

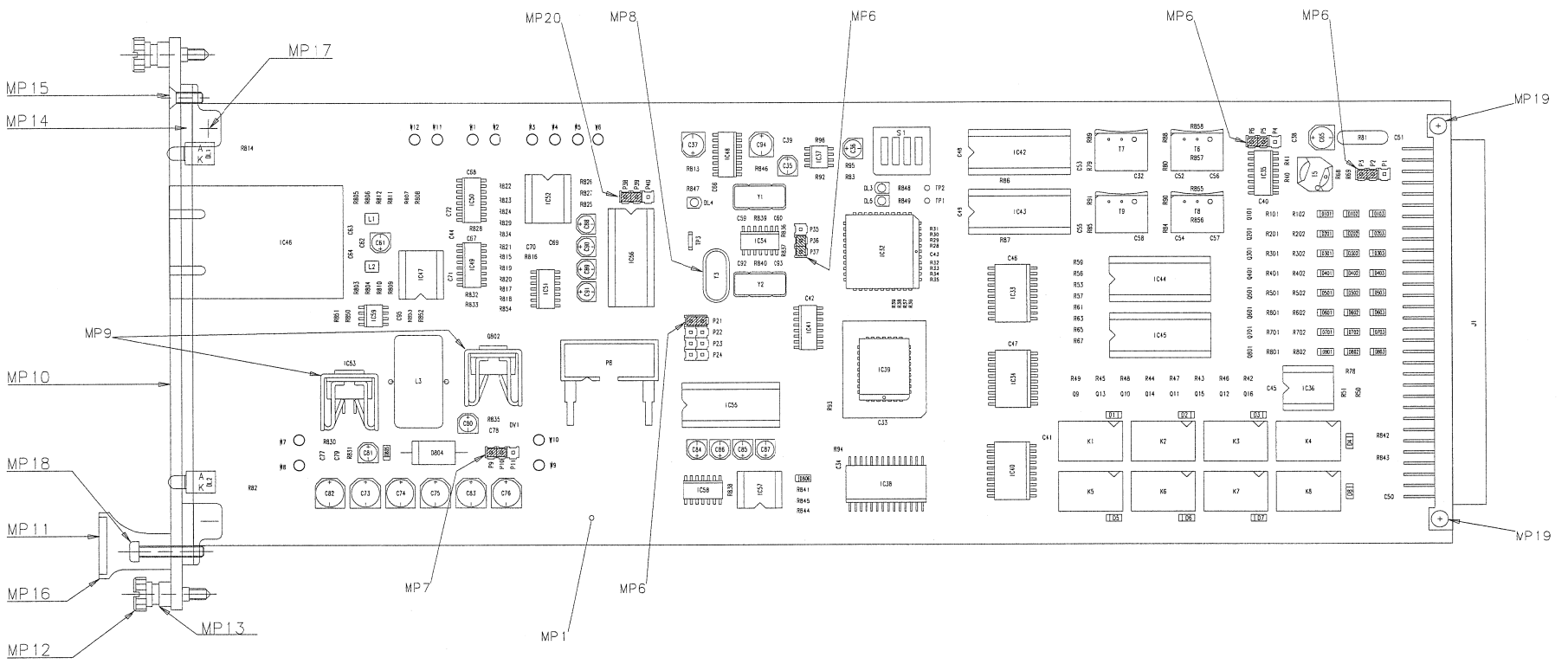
Processor Board 1.940.576.22



Processor Board 1.940.576.22



Processor Board 1.940.576.22



Accompanying documents: / Zugehoerige Unterlagen: PL	General tolerance: / Freimasstoleranz: .	Scale: / Massstab: 1 : 1	Edition / Ausgabe	17.01.2000	LC	ML	RL	0
			Date / Datum		Visa / Gez.	Checked / Gepr.	Seen / Ges.	Index
Substitute for: / Ersatz fuer: .			Page: / Seite:	1 / 1				
STUDER REGENSDORF	Description / Benennung: PROCESSOR BOARD, ESE		Z	Number / Nummer: 1.940.576.22				

Processor Board 1.940.576.23

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 32	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 33	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 35	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 36	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 37	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 41	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 46	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 47	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 49	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 52	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 56	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 57	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 58	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 59	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 60	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 61	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 62	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 63	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 64	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 65	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 66	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 67	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 68	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.2365		470p	CER 50V, 5%, C0G, 0305
0	C 71	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 72	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 73	not used		22u	EL 35V, 6.3*5.7
0	C 74	not used		100u	EL 6V, 6.3*5.7
0	C 75	not used		100u	EL 6V, 6.3*5.7
0	C 76	not used		100u	EL 6V, 6.3*5.7
0	C 77	not used		33n	CER 50V, 10%, X7R, 0805
0	C 78	not used		10n	CER 50V, 10%, X7R, 0805
0	C 79	not used		1n5	CER 50V, 10%, X7R, 0805
0	C 80	not used		10u	EL 16V, 4.0*5.7
0	C 81	not used		10u	EL 16V, 4.0*5.7
0	C 82	not used		22u	EL 35V, 6.3*5.7
0	C 83	not used		100u	EL 6V, 6.3*5.7
0	C 84	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 85	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 86	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 87	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 88	not used		10u	EL 16V, 4.0*5.7
0	C 89	not used		10u	EL 16V, 4.0*5.7
0	C 90	not used		10u	EL 16V, 4.0*5.7
0	C 91	not used		10u	EL 16V, 4.0*5.7
0	C 92	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 93	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 94	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 95	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 101	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 102	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 103	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 201	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 202	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 203	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 301	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 302	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 303	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 401	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 402	50.60.8001		4448	200mA 75V 4ns SOD 80

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	D 403	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 501	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 502	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 503	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 601	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 602	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 603	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 701	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 702	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 703	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 801	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 802	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 803	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 804	not used		1N5822	3A, Schottky
0	D 805	not used		4448	200mA 75V 4ns SOD 80
0	D 806	50.60.8001		4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 3	not used		TLUY 2401	DL TLUY 2401 GB MATT
0	DL 4	not used		TLUG 2401	DL TLUG 2401 GN MATT
0	DL 5	not used		TLUR 2401	DL TLUR 2401 RT MATT
0	DV 1	not used		5V6	5%, 0.2W, SOT 23
0	IC 32	50.63.0009		80C852	MPU 8bit
0	IC 33	50.62.1541		74HC541	Octal buffer line driver/recei
0	IC 34	50.62.1273		74HC273	Octal D-FF with reset
0	IC 35	50.62.0463		DS34C86	4*RS 422 Line Receiver
0	IC 36	50.15.0126		75179B	IC SN 75179B P
0	IC 37	50.63.2001		7705B	Reset Generator
0	IC 38	50.63.1502		6264	SRAM 8K*8, 120ns
0	IC 39	1.940.982.22			SW 576 Control (50.63.1303)
0	IC 40	50.62.3573		74HCT573	Octal D-type latch
0	IC 41	50.62.3139		74HCT139	Dual 2 to 4 line decoder
0	IC 42	50.15.0127		34C87	IC DS 34 C 37 TN, MC34C87P ,A
0	IC 43	50.15.0127		34C87	IC DS 34 C 37 TN, MC34C87P ,A
0	IC 44	50.04.2138		PC847	DLQ PC-847 , EE-CM 4
0	IC 45	50.04.2138		PC847	DLQ PC-847 , EE-CM 4
0	IC 46	89.10.0021		HF3R5105	LWL Transceiver FDDI/MADI
0	IC 47	50.15.0126		75179B	IC SN 75179B P
0	IC 48	50.62.1423		74HC423	Dual multivibr monost retrigg
0	IC 49	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 50	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 51	50.62.1014		74HC 14	Hex Schmitt trigger inverter
0	IC 52	not used		75179B	IC SN 75179B P
0	IC 53	not used		L4960	L 4960,
0	IC 54	50.62.1904		74HCU04	Hex inverter unbuffered
0	IC 55	50.15.0120		MAX232	IC MAX 232 CPE
0	IC 56	not used		MAX232	IC MAX 232 CPE
0	IC 57	50.04.4501		PC900V	DLQ PC 900 V
0	IC 58	50.62.1014		74HC 14	Hex Schmitt trigger inverter
0	IC 59	50.61.9001		LM393	Dual voltage comp. SO 8
0	J 1	54.11.2009		96p	EU-R 3*32p
0	K 1	56.04.0195		2u	6V 125V 2A Ag/Au
0	K 2	56.04.0195		2u	6V 125V 2A Ag/Au
0	K 3	56.04.0195		2u	6V 125V 2A Ag/Au
0	K 4	56.04.0195		2u	6V 125V 2A Ag/Au
0	K 5	56.04.0195		2u	6V 125V 2A Ag/Au
0	K 6	56.04.0195		2u	6V 125V 2A Ag/Au
0	K 7	56.04.0195		2u	6V 125V 2A Ag/Au
0	K 8	56.04.0195		2u	6V 125V 2A Ag/Au
0	L 1	62.60.0101		1.0uH	10%, SMD 1210
0	L 2	62.60.0101		1.0uH	10%, SMD 1210
0	L 3	not used		250uH	2A Toroid Chocke
0	MP 1	1.940.576.12			Processor Board PCB
0	MP 2	1.940.576.04			Typenschild
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 6	54.01.0021	4 pcs	Jumper	0.63 * 0.63mm
0	MP 7	not used	1 pce	Jumper	0.63 * 0.63mm
0	MP 8	not used	1 pce		QUARZ - ISOLIERPLATTE
0	MP 9	not used	2 pcs		Kühlkörper, TO 220, vertikal
0	MP 10	1.940.576.01	1 pce		FRONTPLATTE RCC
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	MP 20	not used		Jumper	0.63 * 0.63mm
0	MP 21	1.101.001.22			TEXT-ETIK. 5*20 HARDWARE -22
0	F 1	54.01.0020		1p	Pin 0.63*0.63
0	F 2	54.01.0020		1p	Pin 0.63*0.63
0	F 3	54.01.0020		1p	Pin 0.63*0.63
0	F 4	54.01.0020		1p	Pin 0.63*0.63
0	F 5	54.01.0020		1p	Pin 0.63*0.63
0	F 6	54.01.0020		1p	Pin 0.63*0.63
0	F 8	not used		10p	P STECKER 10 P,AU,VR,GERADE
0	F 9	not used		1p	Pin 0.63*0.63
0	F 10	not used		1p	Pin 0.63*0.63
0	F 11	not used		1p	Pin 0.63*0.63
0	F 21	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	F 22	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	F 23	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	F 24	54.01.0020	2 pcs	1p	Pin 0.63*0.63
0	F 35	54.01.0020		1p	Pin 0.63*0.63
0	F 36	54.01.0020		1p	Pin 0.63*0.63
0	F 37	54.01.0020		1p	Pin 0.63*0.63
0	P 38	not used		1p	Pin 0.63*0.63
0	P 39	not used		1p	Pin 0.63*0.63
0	P 40	not used		1p	Pin 0.63*0.63
0	Q 9	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
0	Q 10	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
0	Q 11	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
0	Q 12	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
0	Q 13	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
0	Q 14	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
0	Q 15	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
0	Q 16	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
0	Q 101	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 201	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 301	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 401	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 501	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 601	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 701	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 801	50.60.1003		BC856B	PNP 65V 100mA SOT 23
0	Q 802	not used		BT138	TRIAC 400V, 8A
0	R 28	57.69.1097		10k	CF 5% 0603
0	R 29	57.69.1097		10k	CF 5% 0603
0	R 30	57.69.1097		10k	CF 5% 0603
0	R 31	57.69.1097		10k	CF 5% 0603
0	R 32	57.69.1097		10k	CF 5% 0603
0	R 33	57.69.1097		10k	CF 5% 0603
0	R 34	57.69.1097		10k	CF 5% 0603
0	R 35	57.69.1097		10k	CF 5% 0603
0	R 36	57.69.1097		10k	CF 5% 0603
0	R 37	57.69.1097		10k	CF 5% 0603
0	R 38	57.69.1097		10k	CF 5% 0603
0	R 39	57.69.1097		10k	CF 5% 0603
0	R 40	57.69.1097		10k	CF 5% 0603
0	R 41	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 42	57.60.1102		1K	MF, 1%, 0204, E24
0	R 43	57.60.1102		1K	MF, 1%, 0204, E24
0	R 44	57.60.1102		1K	MF, 1%, 0204, E24
0	R 45	57.60.1102		1K	MF, 1%, 0204, E24
0	R 46	57.60.1102		1K	MF, 1%, 0204, E24
0	R 47	57.60.1102		1K	MF, 1%, 0204, E24
0	R 48	57.60.1102		1K	MF, 1%, 0204, E24
0	R 49	57.60.1102		1K	MF, 1%, 0204, E24
0	R 50	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 51	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 53	57.60.1223		22K	MF, 1%, 0204, E24
0	R 56	57.60.1223		22K	MF, 1%, 0204, E24
0	R 57	57.60.1223		22K	MF, 1%, 0204, E24
0	R 59	57.60.1223		22K	MF, 1%, 0204, E24
0	R 61	57.60.1223		22K	MF, 1%, 0204, E24
0	R 63	57.60.1223		22K	MF, 1%, 0204, E24
0	R 65	57.60.1223		22K	MF, 1%, 0204, E24
0	R 67	57.60.1223		22K	MF, 1%, 0204, E24
0	R 68	57.60.1221		220R	MF, 1%, 0204, E24
0	R 69	57.60.1221		220R	MF, 1%, 0204, E24
0	R 78	57.60.1151		150R	MF, 1%, 0204, E24
0	R 79	57.60.1270		27R	MF, 1%, 0204, E24
0	R 80	57.60.1270		27R	MF, 1%, 0204, E24
0	R 81	57.92.7053		1.6A	PTC 30V
0	R 82	57.60.1102		1K	MF, 1%, 0204, E24
0	R 83	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 84	57.60.1270		27R	MF, 1%, 0204, E24
0	R 85	57.60.1270		27R	MF, 1%, 0204, E24

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 86	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 87	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 88	57.60.1220		22R	MF, 1%, 0204, E24
0	R 89	57.60.1220		22R	MF, 1%, 0204, E24
0	R 90	57.60.1220		22R	MF, 1%, 0204, E24
0	R 91	57.60.1220		22R	MF, 1%, 0204, E24
0	R 92	57.60.1103		10K	MF, 1%, 0204, E24
0	R 93	57.60.1103		10K	MF, 1%, 0204, E24
0	R 94	57.60.1103		10K	MF, 1%, 0204, E24
0	R 95	57.60.1100		10R	MF, 1%, 0204, E24
0	R 96	57.60.1103		10K	MF, 1%, 0204, E24
0	R 101	57.60.1181		180R	MF, 1%, 0204, E24
0	R 102	57.60.1223		22K	MF, 1%, 0204, E24
0	R 201	57.60.1181		180R	MF, 1%, 0204, E24
0	R 202	57.60.1223		22K	MF, 1%, 0204, E24
0	R 301	57.60.1181		180R	MF, 1%, 0204, E24
0	R 302	57.60.1223		22K	MF, 1%, 0204, E24
0	R 401	57.60.1181		180R	MF, 1%, 0204, E24
0	R 402	57.60.1223		22K	MF, 1%, 0204, E24
0	R 501	57.60.1181		180R	MF, 1%, 0204, E24
0	R 502	57.60.1223		22K	MF, 1%, 0204, E24
0	R 601	57.60.1181		180R	MF, 1%, 0204, E24
0	R 602	57.60.1223		22K	MF, 1%, 0204, E24
0	R 701	57.60.1181		180R	MF, 1%, 0204, E24
0	R 702	57.60.1223		22K	MF, 1%, 0204, E24
0	R 801	57.60.1181		180R	MF, 1%, 0204, E24
0	R 802	57.60.1223		22K	MF, 1%, 0204, E24
0	R 803	57.60.1271		270R	MF, 1%, 0204, E24
0	R 804	57.60.1271		270R	MF, 1%, 0204, E24
0	R 805	57.60.1271		270R	MF, 1%, 0204, E24
0	R 806	57.60.1271		270R	MF, 1%, 0204, E24
0	R 807	57.60.1221		220R	MF, 1%, 0204, E24
0	R 808	57.60.1221		220R	MF, 1%, 0204, E24
0	R 809	57.60.1181		180R	MF, 1%, 0204, E24
0	R 810	57.60.1181		180R	MF, 1%, 0204, E24
0	R 811	57.60.1181		180R	MF, 1%, 0204, E24
0	R 812	57.60.1181		180R	MF, 1%, 0204, E24
0	R 813	57.60.1103		10K	MF, 1%, 0204, E24
0	R 814	57.60.1102		1K	MF, 1%, 0204, E24
0	R 815	57.60.1000		0R0	MF, 0204
0	R 816	57.60.1101		100R	MF, 1%, 0204, E24
0	R 817	57.60.1106		10M	MF, 1%, 0204, E24
0	R 818	57.60.1333		33K	MF, 1%, 0204, E24
0	R 819	57.60.1823		82K	MF, 1%, 0204, E24
0	R 820	57.60.1822		8K2	MF, 1%, 0204, E24
0	R 821	57.60.1273		27K	MF, 1%, 0204, E24
0	R 822	57.60.1104		100K	MF, 1%, 0204, E24
0	R 823	57.60.1823		82K	MF, 1%, 0204, E24
0	R 824	57.60.1822		8K2	MF, 1%, 0204, E24
0	R 825	not used		3K3	MF, 1%, 0204, E24
0	R 826	not used		3K3	MF, 1%, 0204, E24
0	R 827	not used		150R	MF, 1%, 0204, E24
0	R 828	57.60.1153		15K	MF, 1%, 0204, E24
0	R 829	57.60.1622		6K2	MF, 1%, 0204, E24
0	R 830	not used		15K	MF, 1%, 0204, E24
0	R 831	not used		12K	MF, 1%, 0204, E24
0	R 832	57.60.1223		22K	MF, 1%, 0204, E24
0	R 833	57.60.1223		22K	MF, 1%, 0204, E24
0	R 834	57.60.1103		10K	MF, 1%, 0204, E24
0	R 835	not used		1K	MF, 1%, 0204, E24
0	R 836	57.69.1097		10k	CF 5% 0603
0	R 837	57.69.1097		10k	CF 5% 0603
0	R 838	57.60.1391		390R	MF, 1%, 0204, E24
0	R 839	57.60.1105		1M	MF, 1%, 0204, E24
0	R 840	57.60.1105		1M	MF, 1%, 0204, E24
0	R 841	57.60.1221		220R	MF, 1%, 0204, E24
0	R 842	57.60.1221		220R	MF, 1%, 0204, E24
0	R 843	57.60.1221		220R	MF, 1%, 0204, E24
0	R 844	57.60.1221		220R	MF, 1%, 0204, E24
0	R 845	57.60.1221		220R	MF, 1%, 0204, E24
0	R 846	57.60.1103		10K	MF, 1%, 0204, E24
0	R 847	57.60.1102		1K	MF, 1%, 0204, E24
0	R 848	57.60.1102		1K	MF, 1%, 0204, E24
0	R 849	57.60.1102		1K	MF, 1%, 0204, E24
0	R 850	57.60.1271		270R	MF, 1%, 0204, E24
0	R 851	57.60.1181		180R	MF, 1%, 0204, E24
0	R 852	57.60.1103		10K	MF, 1%, 0204, E24
0	R 853	57.60.1103		10K	MF, 1%, 0204, E24
0	R 854	57.60.1102		1K	MF, 1%, 0204, E24

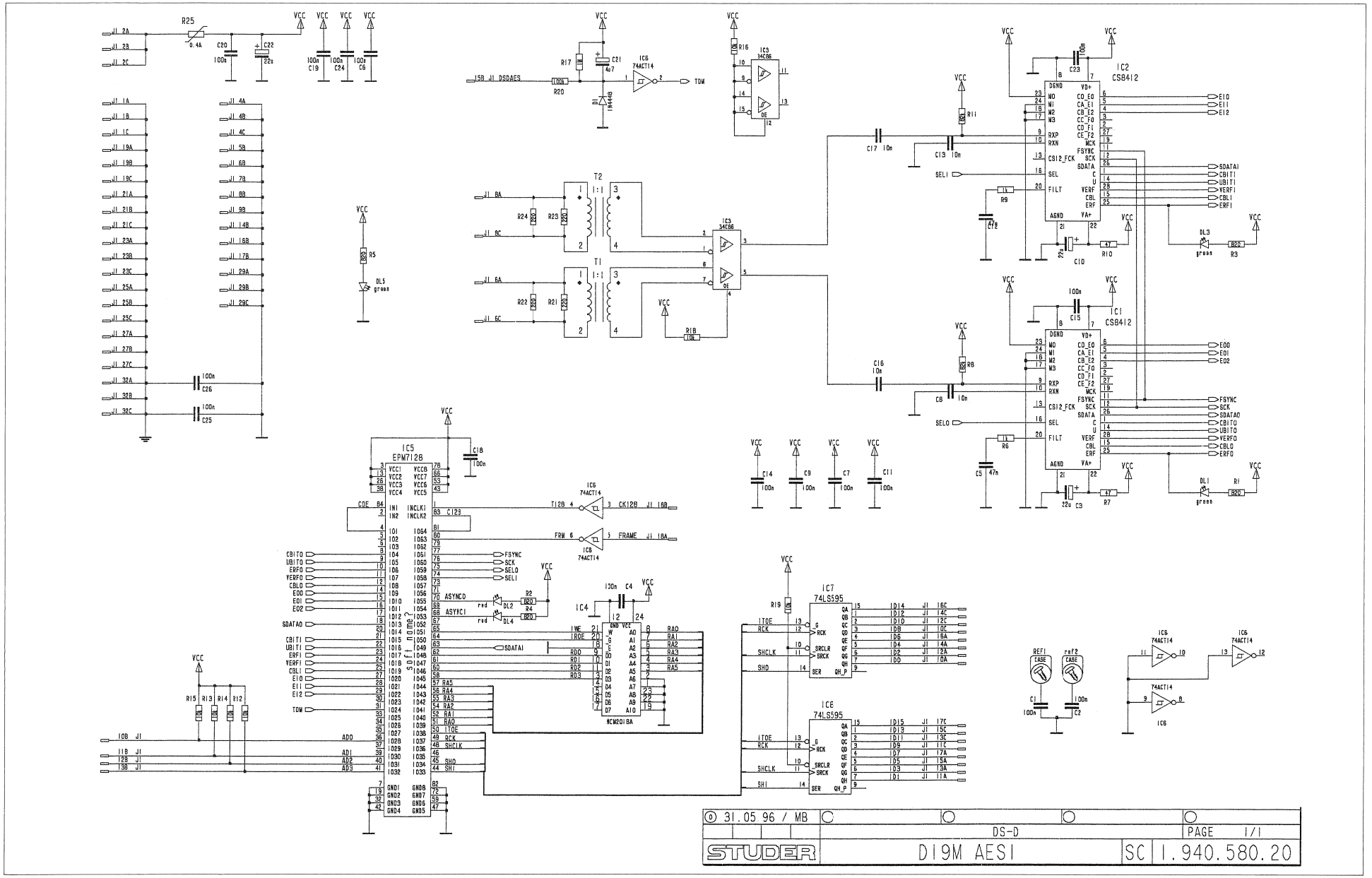
Processor Board 1.940.576.23

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 855	not used		0R0	MF, 0204
0	R 856	not used		0R0	MF, 0204
0	R 857	not used		0R0	MF, 0204
0	R 858	not used		0R0	MF, 0204
0	S 1	55.01.0164		4*a	SZ , 4*A, DIL
0	T 5	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 6	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 8	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 9	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	TP 3	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XIC 36	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 39	53.03.2232		32p	PLCC-Socket
0	XIC 52	not used		8p	DIL 0.3", löt, gerade
0	XIC 55	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 56	not used		16p	DIL 0.3", löt, gerade
0	Y 1	89.60.1003		12.000MHz	SMD Quartz
0	Y 2	89.60.1007		14.7456MHz	SMD Quartz
0	Y 3	not used		12.000MHz	XTAL HC 49/U

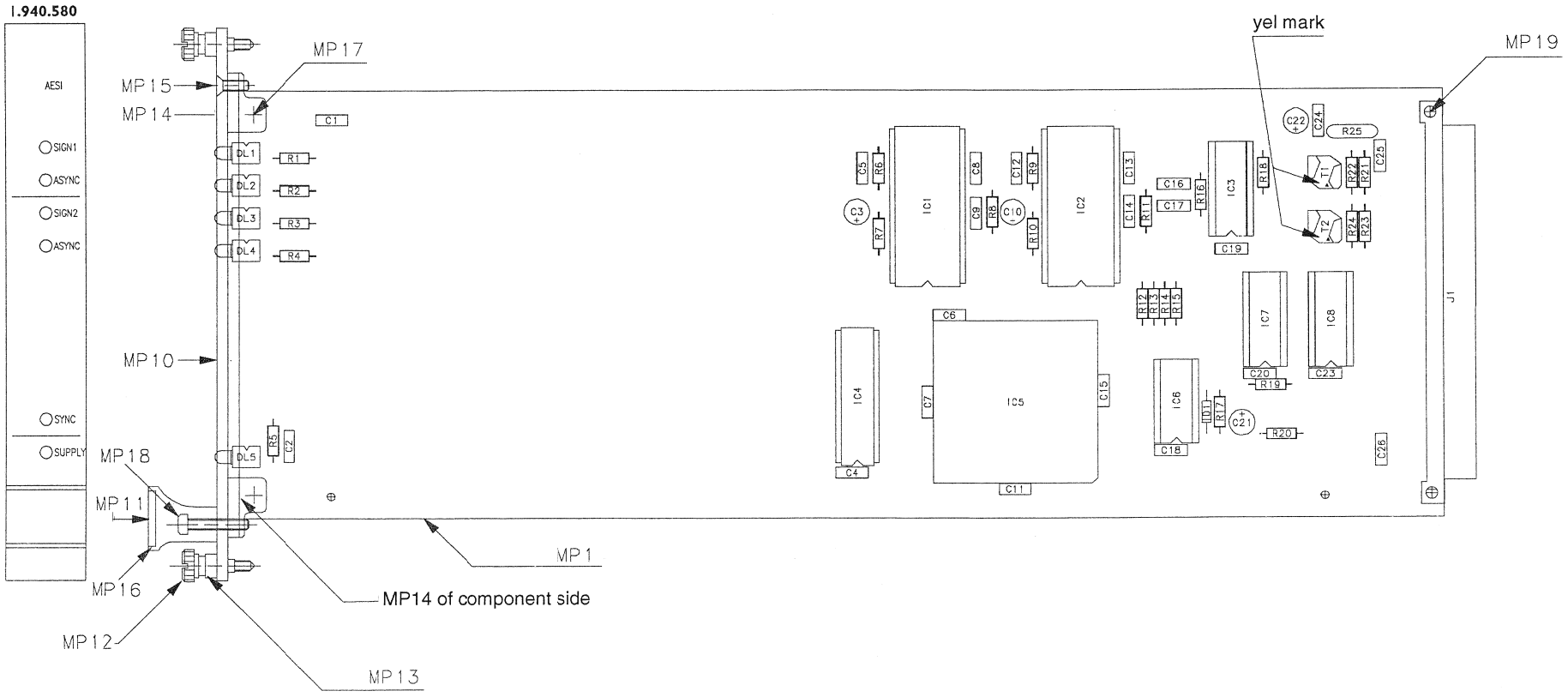
End of List

Comments

D19M AESI Board 1.940.580.20



D19M AESI Board 1.940.580.20



Modification Aenderung					1
					2
					3
Edition Ausgabe	31.05.96	BN			0
	Date Datum	Visa Ges.	Dessin Constr.	Seen Ges.	Index

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STUDER REGENSDORF	Benennung: Bezeichnung:	D19M AESI BOARD 'ESE'	Nr.: Numéro: 1.940.580.20

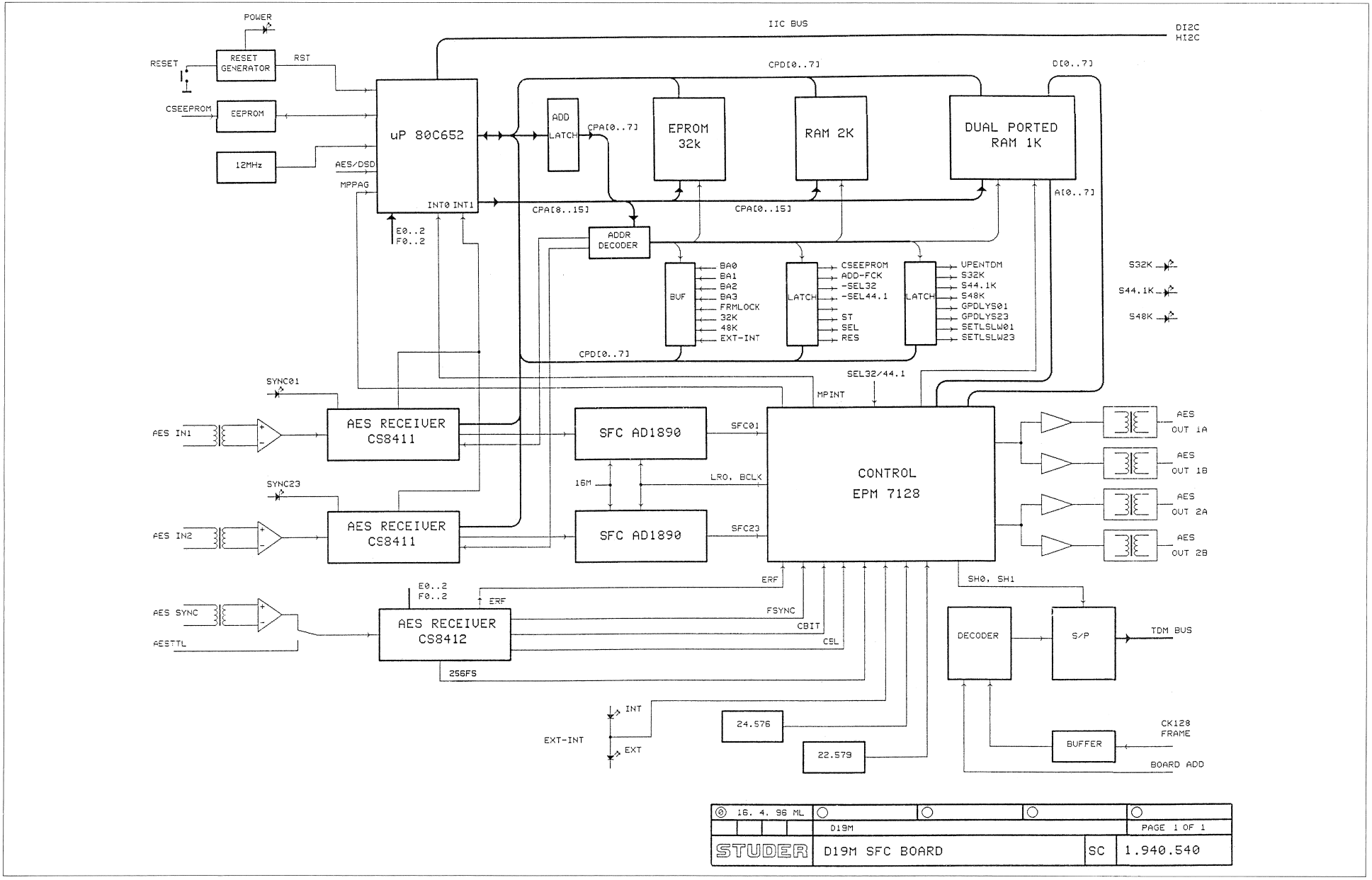
D19m AESI Board 1.940.580.21

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.06.0104		100n	PETP, 10%, 63V
0	C 2	59.06.0104		100n	PETP, 10%, 63V
0	C 3	59.22.5220		22u	EL 25V, 20%, rad RM5
0	C 4	59.06.0104		100n	PETP, 10%, 63V
0	C 5	59.06.0473		47n	PETP, 10%, 63V
0	C 6	59.06.0104		100n	PETP, 10%, 63V
0	C 7	59.06.0104		100n	PETP, 10%, 63V
0	C 8	59.06.0103		10n	PETP, 10%, 63V
0	C 9	59.06.0104		100n	PETP, 10%, 63V
0	C 10	59.22.5220		22u	EL 25V, 20%, rad RM5
0	C 11	59.06.0104		100n	PETP, 10%, 63V
0	C 12	59.06.0473		47n	PETP, 10%, 63V
0	C 13	59.06.0103		10n	PETP, 10%, 63V
0	C 14	59.06.0104		100n	PETP, 10%, 63V
0	C 15	59.06.0104		100n	PETP, 10%, 63V
0	C 16	59.06.0103		10n	PETP, 10%, 63V
0	C 17	59.06.0103		10n	PETP, 10%, 63V
0	C 18	59.06.0104		100n	PETP, 10%, 63V
0	C 19	59.06.0104		100n	PETP, 10%, 63V
0	C 20	59.06.0104		100n	PETP, 10%, 63V
0	C 21	59.22.8479		4u7	EL 50V, 20%, rad RM5
0	C 22	59.22.5220		22u	EL 25V, 20%, rad RM5
0	C 23	59.06.0104		100n	PETP, 10%, 63V
0	C 24	59.06.0104		100n	PETP, 10%, 63V
0	C 25	59.06.0104		100n	PETP, 10%, 63V
0	C 26	59.06.0104		100n	PETP, 10%, 63V
0	D 1	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
					gesockelt mit 50.20.2501
0	DL 2	50.04.2200		HLMP1700	DL HLMP - 1700 RT
					gesockelt mit 50.20.2501
0	DL 3	50.04.2202		HLMP1790	DL HLMP - 1790 GN
					gesockelt mit 50.20.2501
0	DL 4	50.04.2200		HLMP1700	DL HLMP - 1700 RT
					gesockelt mit 50.20.2501
0	DL 5	50.04.2202		HLMP1790	DL HLMP - 1790 GN
					gesockelt mit 50.20.2501
0	IC 1	50.13.0202		CS8412	IC CS 8412-CP ,A
0	IC 2	50.13.0202		CS8412	IC CS 8412-CP ,A
0	IC 3	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 4	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A
0	IC 5	1.940.960.21			SW 580 DSDAI (50.63.4205)
					gesockelt mit 53.03.2284
0	IC 6	50.17.7014		ACT14	.. 74 ACT 14 .
0	IC 7	50.06.0595		74LS595	IC SN 74 LS 595 N
0	IC 8	50.06.0595		74LS595	IC SN 74 LS 595 N
0	J 1	54.11.2009			J EU-R 3 * 32
0	MP 1	1.940.580.11			D19M AESI BOARD PCB
0	MP 2	1.940.580.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	not used		Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 10	1.940.580.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs		Z - SCHR. IS , ZN , M2.5 * 6
0	MP 18	21.53.0284	1 pce		Z - SCHR. IS , ZN , M2.5 * 16
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	R 1	57.11.3821		820R	MF, 1%, 0207
0	R 2	57.11.3821		820R	MF, 1%, 0207
0	R 3	57.11.3821		820R	MF, 1%, 0207
0	R 4	57.11.3821		820R	MF, 1%, 0207
0	R 5	57.11.3821		820R	MF, 1%, 0207
0	R 6	57.11.3102		1k0	MF, 1%, 0207
0	R 7	57.11.3470		47R	MF, 1%, 0207
0	R 8	57.11.3823		82k	MF, 1%, 0207
0	R 9	57.11.3102		1k0	MF, 1%, 0207
0	R 10	57.11.3470		47R	MF, 1%, 0207
0	R 11	57.11.3823		82k	MF, 1%, 0207
0	R 12	57.11.3103		10k	MF, 1%, 0207
0	R 13	57.11.3103		10k	MF, 1%, 0207
0	R 14	57.11.3103		10k	MF, 1%, 0207
0	R 15	57.11.3103		10k	MF, 1%, 0207
0	R 16	57.11.3103		10k	MF, 1%, 0207
0	R 17	57.11.3105		1M0	MF, 1%, 0207
0	R 18	57.11.3103		10k	MF, 1%, 0207
0	R 19	57.11.3103		10k	MF, 1%, 0207
0	R 20	57.11.3104		100k	MF, 1%, 0207
0	R 21	57.11.3221		220R	MF, 1%, 0207
0	R 22	57.11.3221		220R	MF, 1%, 0207
0	R 23	57.11.3221		220R	MF, 1%, 0207
0	R 24	57.11.3221		220R	MF, 1%, 0207
0	R 25	57.92.7053		1.6A	RT 1.6 A ,POLY- PTC 30V
0	T 1	1.022.632.00		1.022.632.00	DI/DO TRANSFORMER
0	T 2	1.022.632.00		1.022.632.00	DI/DO TRANSFORMER
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XDL 3	50.20.2501		Spacer	LED-Sockel
0	XDL 4	50.20.2501		Spacer	LED-Sockel
0	XDL 5	50.20.2501		Spacer	LED-Sockel
0	XIC 5	53.03.2284		XIC PLCC84	XIC PLCC 84 PIN

End of List

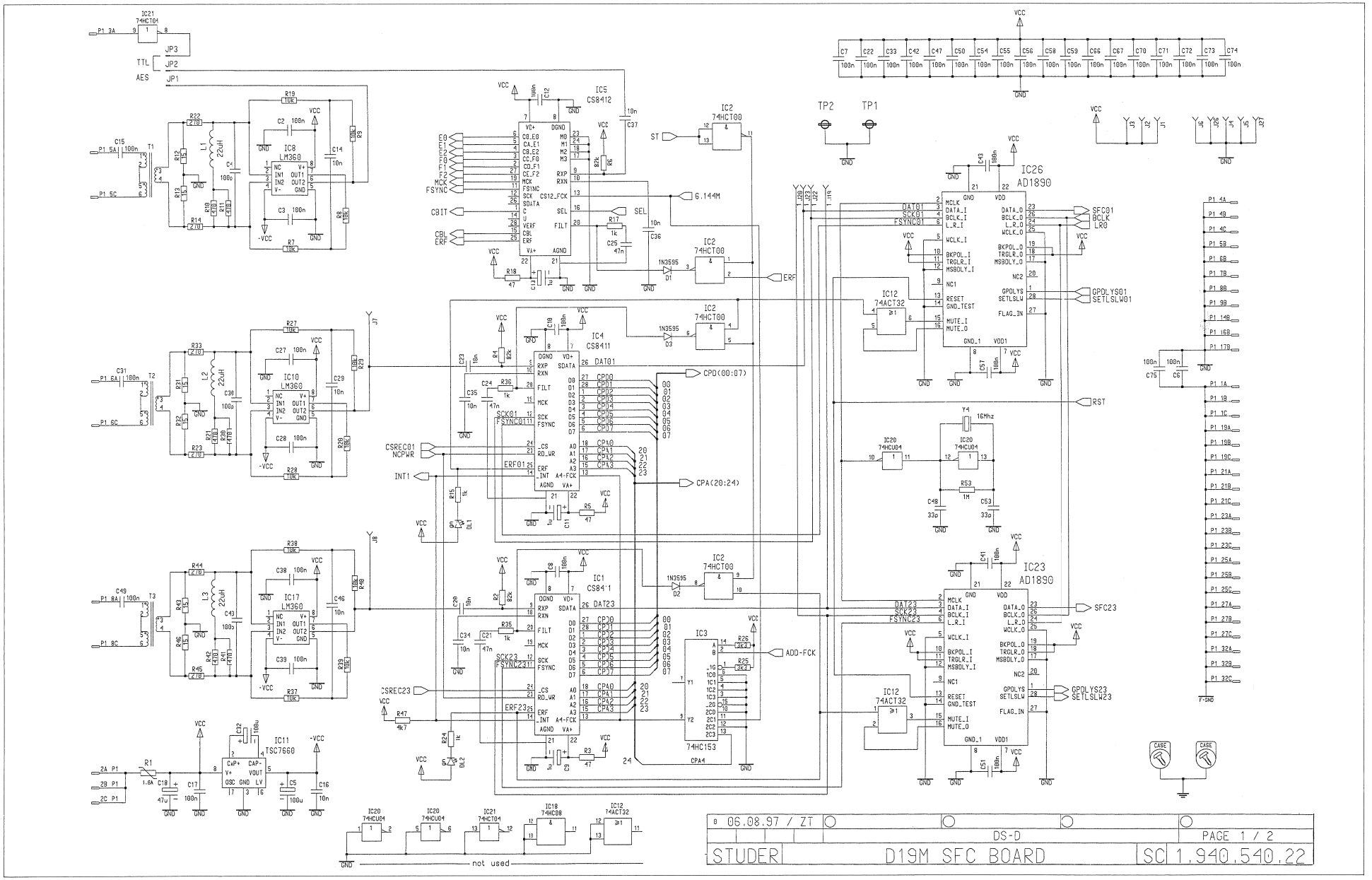
Comments

Block Diagram
D19M SFC Board 1.940.540

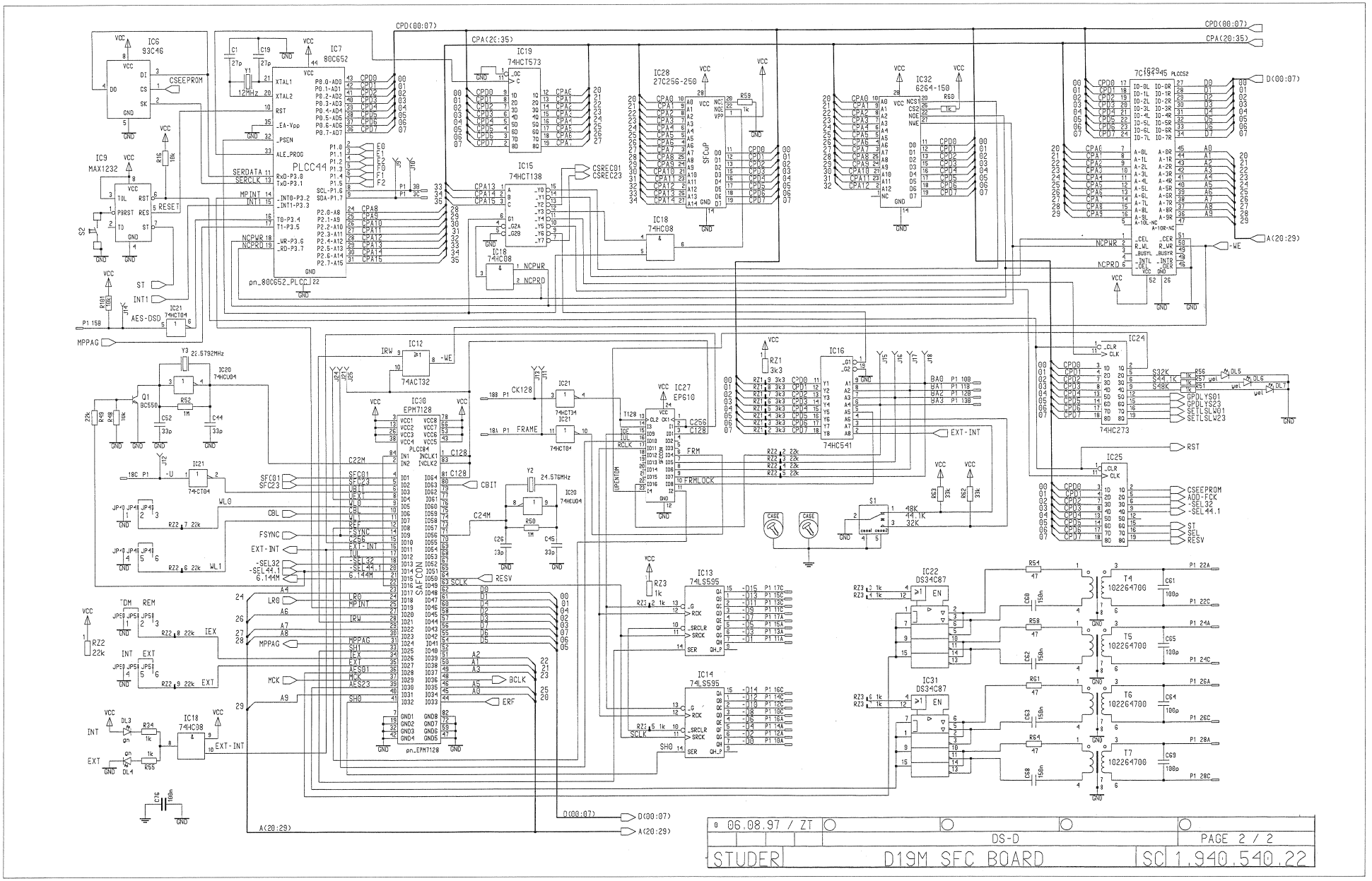


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D19M			PAGE 1 OF 1
STUDER	D19M SFC BOARD	SC	1.940.540

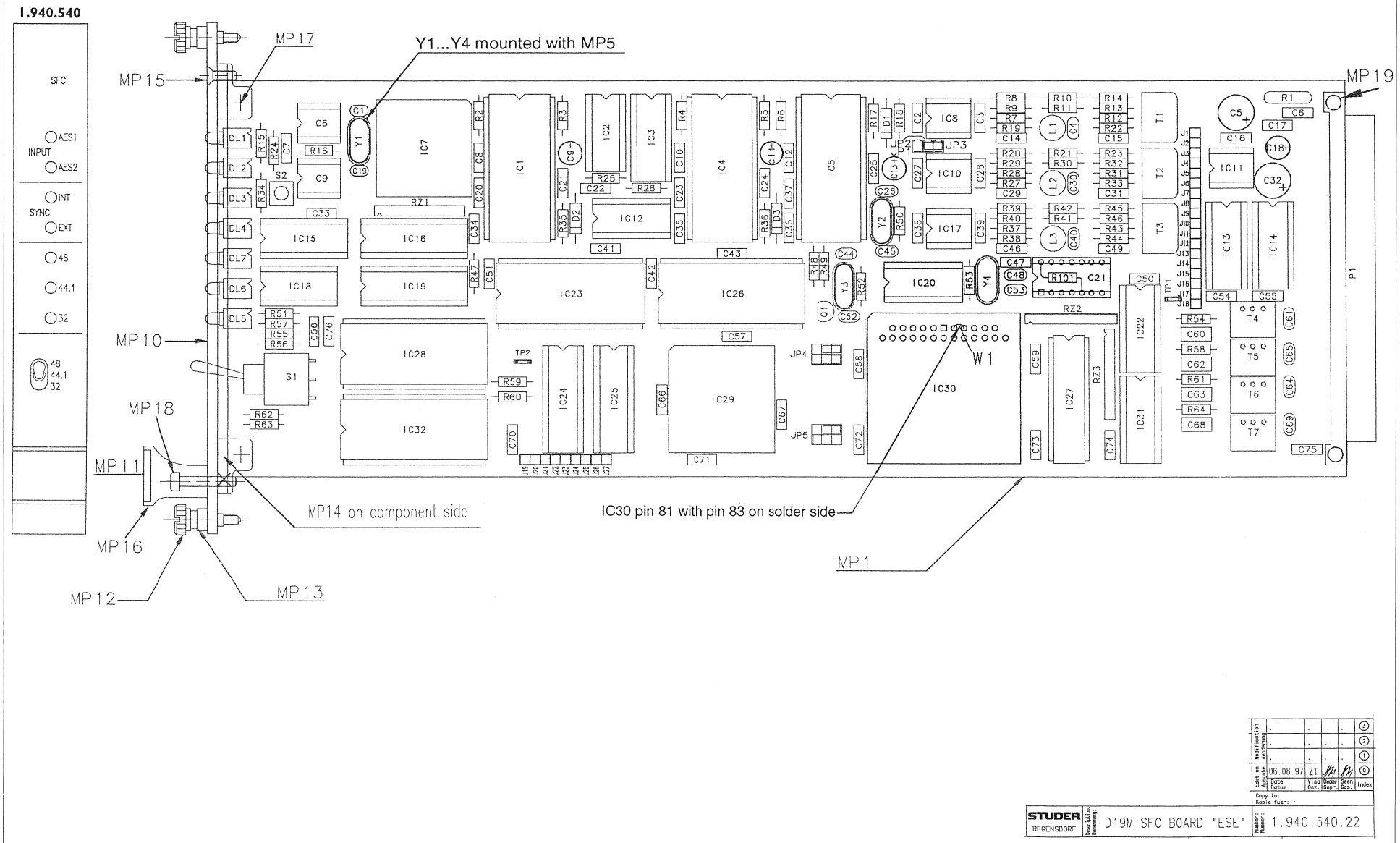
D19M SFC Board 1.940.540.22



D19M SFC Board 1.940.540.22



D19M SFC Board 1.940.540.22



D19m SFC Board 1.940.540.23

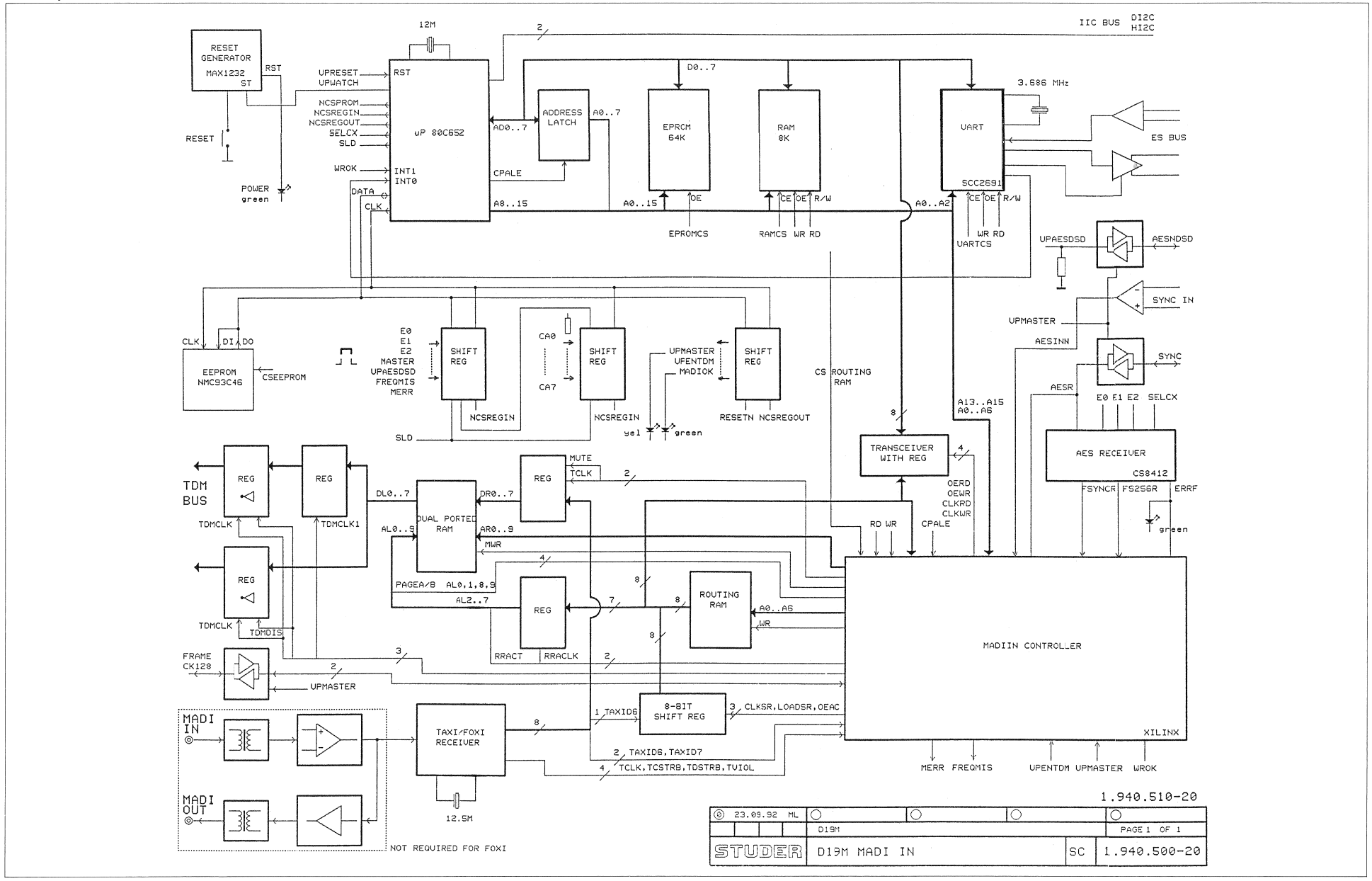
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.34.2273		27p	CER 63V, 5%, N150
0	C 2	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 3	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 4	59.34.4101		100p	CER 63V, 5%, N750
0	C 5	59.22.4101		100u	EL 16V, 20%, RM5
0	C 6	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 7	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 8	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 9	59.22.8109		1u	EL 50V, 20%, RM5
0	C 10	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 11	59.22.8109		1u	EL 50V, 20%, RM5
0	C 12	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 13	59.22.8109		1u	EL 50V, 20%, RM5
0	C 14	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 15	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 16	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 17	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 18	59.22.3470		47u	EL 10V, 20%, RM5
0	C 19	59.34.2270		27p	CER 63V, 5%, N150
0	C 20	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 21	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 22	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 23	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 24	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 25	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 26	59.34.2330		33p	CER 63V, 5%, N150
0	C 27	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 28	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 29	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 30	59.34.4101		100p	CER 63V, 5%, N750
0	C 31	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 32	59.22.4101		100u	EL 16V, 20%, RM5
0	C 33	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 34	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 35	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 36	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 37	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 38	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 39	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 40	59.34.4101		100p	CER 63V, 5%, N750
0	C 41	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 42	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 43	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 44	59.34.2330		33p	CER 63V, 5%, N150
0	C 45	59.34.2330		33p	CER 63V, 5%, N150
0	C 46	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 47	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 48	59.34.2330		33p	CER 63V, 5%, N150
0	C 49	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 50	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 51	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 52	59.34.2330		33p	CER 63V, 5%, N150
0	C 53	59.34.2330		33p	CER 63V, 5%, N150
0	C 54	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 55	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 56	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 57	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 58	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 59	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 60	59.06.0154		150n	PETP, 63V, 10%, RM5
0	C 61	59.34.4101		100p	CER 63V, 5%, N750
0	C 62	59.06.0154		150n	PETP, 63V, 10%, RM5
0	C 63	59.06.0154		150n	PETP, 63V, 10%, RM5
0	C 64	59.34.4101		100p	CER 63V, 5%, N750
0	C 65	59.34.4101		100p	CER 63V, 5%, N750
0	C 66	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 67	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 68	59.06.0154		150n	PETP, 63V, 10%, RM5
0	C 69	59.34.4101		100p	CER 63V, 5%, N750
0	C 70	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 71	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 72	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 73	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 74	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 75	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 76	59.06.0104		100n	PETP, 63V, 10%, RM5
0	D 1	50.04.0134		1N3595	D 1N 3595, FDH 300,
0	D 2	50.04.0134		1N3595	D 1N 3595, FDH 300,
0	D 3	50.04.0134		1N3595	D 1N 3595, FDH 300,
0	DL 1	50.04.2751		grn	LED mit Halter, grün
0	DL 2	50.04.2751		grn	LED mit Halter, grün
0	DL 3	50.04.2751		grn	LED mit Halter, grün
0	DL 4	50.04.2751		grn	LED mit Halter, grün
0	DL 5	50.04.2752		yel	LED mit Halter, gelb
0	DL 6	50.04.2752		yel	LED mit Halter, gelb
0	DL 7	50.04.2752		yel	LED mit Halter, gelb
0	IC 1	50.13.0201		CS8411	AES/EBU Receiver
0	IC 2	50.17.0000		74HCT00	IC .. 74 HCT 00 ., ,A
0	IC 3	50.17.1153		74HC153	IC ... 74 HC 153 ., ,A
0	IC 4	50.13.0201		CS8411	AES/EBU Receiver
0	IC 5	50.13.0202		CS8412	IC CS 8412-CP ,A
0	IC 6	50.14.2103		HY93C46S	EEPROM 64 * 16, serial
0	IC 7	50.63.0009		80C652	MPU 8bit
0	IC 8	50.11.1002		LM360	High speed Comparator
0	IC 9	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	IC 10	50.11.1002		LM360	High speed Comparator
0	IC 11	50.10.0124		MAX860	V-Converter ... +5.5V to -5.5V
0	IC 12	50.17.7032		ACT32	.. 74 ACT 32 .
0	IC 13	50.06.0595		74LS595	IC SN 74 LS 595 N
0	IC 14	50.06.0595		74LS595	IC SN 74 LS 595 N
0	IC 15	50.17.0138		74HCT138	IC .. 74 HCT138 ., ,A
0	IC 16	50.17.1541		74HC541	IC ... 74 HC 541 ., ,A
0	IC 17	50.11.1002		LM360	High speed Comparator
0	IC 18	50.17.1008		74HC08	IC ... 74 HC 08 ., ,A
0	IC 19	50.17.0573		74HCT573	IC .. 74 HCT573 ., ,A
0	IC 20	50.17.1904		74HCU04	IC ... 74 HCU 04 ., ,A
0	IC 21	50.17.0004		74HCT04	IC .. 74 HCT 04 ., ,A
0	IC 22	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 23	50.13.0204			IC AD 1890 JN ,A
0	IC 24	50.17.1273		74HC273	IC ... 74 HC 273 ., ,A
0	IC 25	50.17.1273		74HC273	IC ... 74 HC 273 ., ,A
0	IC 26	50.13.0204			IC AD 1890 JN ,A
0	IC 27	1.940.951.21			SW 540 SFCCON (50.18.0104)
0	IC 28	1.940.952.21			SW 540 SFCUP (50.14.2004)
0	IC 29	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0	IC 30	1.940.950.23			SW 540 SAFCON (50.63.4205)
0	IC 31	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 32	50.14.0133		5565	IC HM 6264LP-15 ,A
0	J 1	53.03.0219		1p	single-in-line
0	J 2	53.03.0219		1p	single-in-line
0	J 3	53.03.0219		1p	single-in-line
0	J 4	53.03.0219		1p	single-in-line
0	J 5	53.03.0219		1p	single-in-line
0	J 6	53.03.0219		1p	single-in-line
0	J 7	53.03.0219		1p	single-in-line
0	J 8	53.03.0219		1p	single-in-line
0	J 9	53.03.0219		1p	single-in-line
0	J 10	53.03.0219		1p	single-in-line
0	J 11	53.03.0219		1p	single-in-line
0	J 12	53.03.0219		1p	single-in-line
0	J 13	53.03.0219		1p	single-in-line
0	J 14	53.03.0219		1p	single-in-line
0	J 15	53.03.0219		1p	single-in-line
0	J 16	53.03.0219		1p	single-in-line
0	J 17	53.03.0219		1p	single-in-line
0	J 18	53.03.0219		1p	single-in-line
0	J 19	53.03.0219		1p	single-in-line
0	J 20	53.03.0219			single-in-line
0	J 21	53.03.0219			single-in-line
0	J 22	53.03.0219			single-in-line
0	J 23	53.03.0219			single-in-line
0	J 24	53.03.0219			single-in-line
0	J 25	53.03.0219			single-in-line
0	J 26	53.03.0219			single-in-line
0	J 27	53.03.0219			single-in-line
0	J 28	54.01.0021		Jumper	0.63 * 0.63mm
0	J 29	54.01.0021		Jumper	0.63 * 0.63mm
0	J 30	54.01.0021		Jumper	0.63 * 0.63mm
0	J 31	54.01.0021		Jumper	0.63 * 0.63mm
0	J 32	54.01.0021		Jumper	0.63 * 0.63mm
0	JP 1	54.01.0020		Jp	Pin 0.63*0.63
0	JP 2	54.01.0020		Jp	Pin 0.63*0.63
0	JP 3	54.01.0020		Jp	Pin 0.63*0.63
0	JP 4	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	JP 5	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	L 1	62.02.3220		22uH	10%, radial RM 5
0	L 2	62.02.3220		22uH	10%, radial RM 5
0	L 3	62.02.3220		22uH	10%, radial RM 5
0	MP 1	1.940.540.11			D19M SFC PCB
0	MP 2	1.010.057.43			Baugruppenschild
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	1.101.001.22			TEXT-ETIK. 5*20 HARDWARE -22
0	MP 5	89.01.1499	4 pcs		QUARZ - ISOLIERPLATTE
0	MP 10	1.940.540.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs		Z - SCHR. IS , ZN , M2.5 * 6
0	MP 18	21.53.0284	1 pce		Z - SCHR. IS , ZN , M2.5 * 16
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	54.11.2009		96p	EU-R 3*32p
0	Q 1	50.03.0407		BC550C	BC 550 C
0	R 1	57.92.7053		1.6A	POLY- PTC, 30V
0	R 2	57.11.3823		82k	MF, 1%, 0207
0	R 3	57.11.3470		47R	MF, 1%, 0207
0	R 4	57.11.3823		82k	MF, 1%, 0207
0	R 5	57.11.3470		47R	MF, 1%, 0207
0	R 6	57.11.3823		82k	MF, 1%, 0207
0	R 7	57.11.3103		10k	MF, 1%, 0207
0	R 8	57.11.3103		10k	MF, 1%, 0207
0	R 9	57.11.3103		10k	MF, 1%, 0207
0	R 10	57.11.3471		470R	MF, 1%, 0207
0	R 11	not used		470R	MF, 1%, 0207
0	R 12	57.11.3150		15R	MF, 1%, 0207
0	R 13	57.11.3150		15R	MF, 1%, 0207
0	R 14	57.11.3271		270R	MF, 1%, 0207
0	R 15	57.11.3102		1k0	MF, 1%, 0207
0	R 16	57.11.3103		10k	MF, 1%, 0207
0	R 17	57.11.3102		1k0	MF, 1%, 0207
0	R 18	57.11.3470		47R	MF, 1%, 0207
0	R 19	57.11.3103		10k	MF, 1%, 0207
0	R 20	57.11.3103		10k	MF, 1%, 0207
0	R 21	57.11.3471		470R	MF, 1%, 0207
0	R 22	57.11.3271		270R	MF, 1%, 0207
0	R 23	57.11.3271		270R	MF, 1%, 0207
0	R 24	57.11.3102		1k0	MF, 1%, 0207
0	R 25	57.11.3332		3k3	MF, 1%, 0207
0	R 26	57.11.3332		3k3	MF, 1%, 0207
0	R 27	57.11.3103		10k	MF, 1%, 0207
0	R 28	57.11.3103		10k	MF, 1%, 0207
0	R 29	57.11.3103		10k	MF, 1%, 0207
0	R 30	not used		470R	MF, 1%, 0207
0	R 31	57.11.3150		15R	MF, 1%, 0207
0	R 32	57.11.3150		15R	MF, 1%, 0207
0	R 33	57.11.3271		270R	MF, 1%, 0207
0	R 34	57.11.3102		1k0	MF, 1%, 0207
0	R 35	57.11.3102		1k0	MF, 1%, 0207
0	R 36	57.11.3102		1k0	MF, 1%, 0207
0	R 37	57.11.3103		10k	MF, 1%, 0207
0	R 38	57.11.3103		10k	MF, 1%, 0207
0	R 39	57.11.3103		10k	MF, 1%, 0207
0	R 40	57.11.3103		10k	MF, 1%, 0207
0	R 41	not used		470R	MF, 1%, 0207
0	R 42	57.11.3471		470R	MF, 1%, 0207
0	R 43	57.11.3150		15R	MF, 1%, 0207
0	R 44	57.11.3271		270R	MF, 1%, 0207
0	R 45	57.11.3271		270R	MF, 1%, 0207
0	R 46	57.11.3150		15R	MF, 1%, 0207
0	R 47	57.11.3472		4k7	MF, 1%, 0207
0	R 48	57.11.3103		10k	MF, 1%, 0207
0	R 49	57.11.3223		22k	MF, 1%, 0207
0	R 50	57.11.3105		1M0	MF, 1%, 0207
0	R 51	57.11.3102		1k0	MF, 1%, 0207
0	R 52	57.11.3105		1M0	MF, 1%, 0207
0	R 53	57.11.3105		1M0	MF, 1%, 0207
0	R 54	57.11.3470		47R	MF, 1%, 0207
0	R 55	57.11.3102		1k0	MF, 1%, 0207
0	R 56	57.11.3102		1k0	MF, 1%, 0207
0	R 57	57.11.3102		1k0	MF, 1%, 0207
0	R 58	57.11.3470		47R	MF, 1%, 0207
0	R 59	57.11.3102		1k0	MF, 1%, 0207
0	R 60	57.11.3102		1k0	MF, 1%, 0207
0	R 61	57.11.3470		47R	MF, 1%, 0207
0	R 62	57.11.3333		33k	MF, 1%, 0207
0	R 63	57.11.3333		33k	MF, 1%, 0207
0	R 64	57.11.3470		47R	MF, 1%, 0207
0	R 101	57.11.3103		10k	MF, 1%, 0207
0	RZ 1	57.88.4332		8*3k3	2%, SIP 9
0	RZ 2	57.88.4223		8*22k	2%, SIP 9
0	RZ 3	57.88.4102		8*1k	2%, SIP 9
0	S 1	55.11.0203		SPST	Toggle on - off - on
0	S 2	55.15.0138		1*A	S 1 TASTE, 1*A,IMPULS,1.0 N
0	T 1	63.15.0001			IMPULSTRANSFORMATOR
0	T 2	63.15.0001			IMPULSTRANSFORMATOR
0	T 3	63.15.0001			IMPULSTRANSFORMATOR
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 6	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	TP 2	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	W 1	64.01.0108	3 mm		SCHALTDRAHT SN D 0.8
0	XIC 7	53.03.2244		PLCC44p	PLCC-Socket 44p
0	XIC 13	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 14	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 22	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 27	53.03.0182		24p	DIL 0.3", löt, gerade
0	XIC 28	53.03.0173		28p	DIL 0.6", löt, gerade
0	XIC 29	53.03.2252		PLCC52p	PLCC-Socket 52p
0	XIC 30	53.03.2284		PLCC84p	PLCC-Socket 84p
0	XIC 31	53.03.0168		16p	DIL 0.3", löt, gerade
0	Y 1	89.01.1014		12.000MHz	12.000 000 MHz, HC 49/U
0	Y 2	89.01.1010		24.576MHz	24.576 000 MHz, HC 18/U
0	Y 3	89.01.1012		22.5792MHz	22.579 200 MHz, HC 49/U
0	Y 4	89.01.1009		16.000MHz	16.000 000 MHz, HC 49/U

End of List

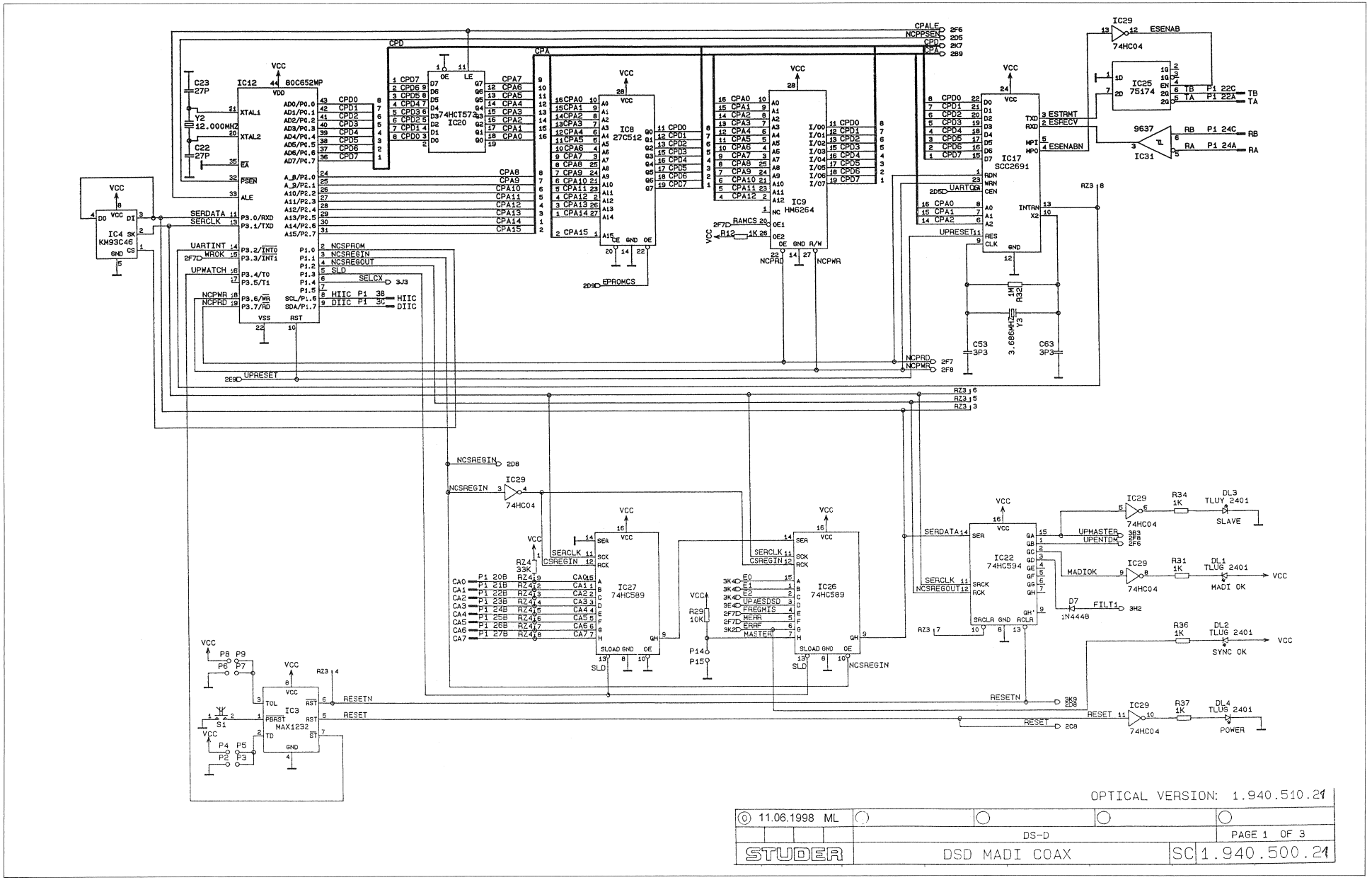
Comments:

IC Sockel XIC nn entsprechend den IC Nummern bestückt

Block Diagram
D19M Madi Coaxial 1.940.500
Madi Optical 1.940.510



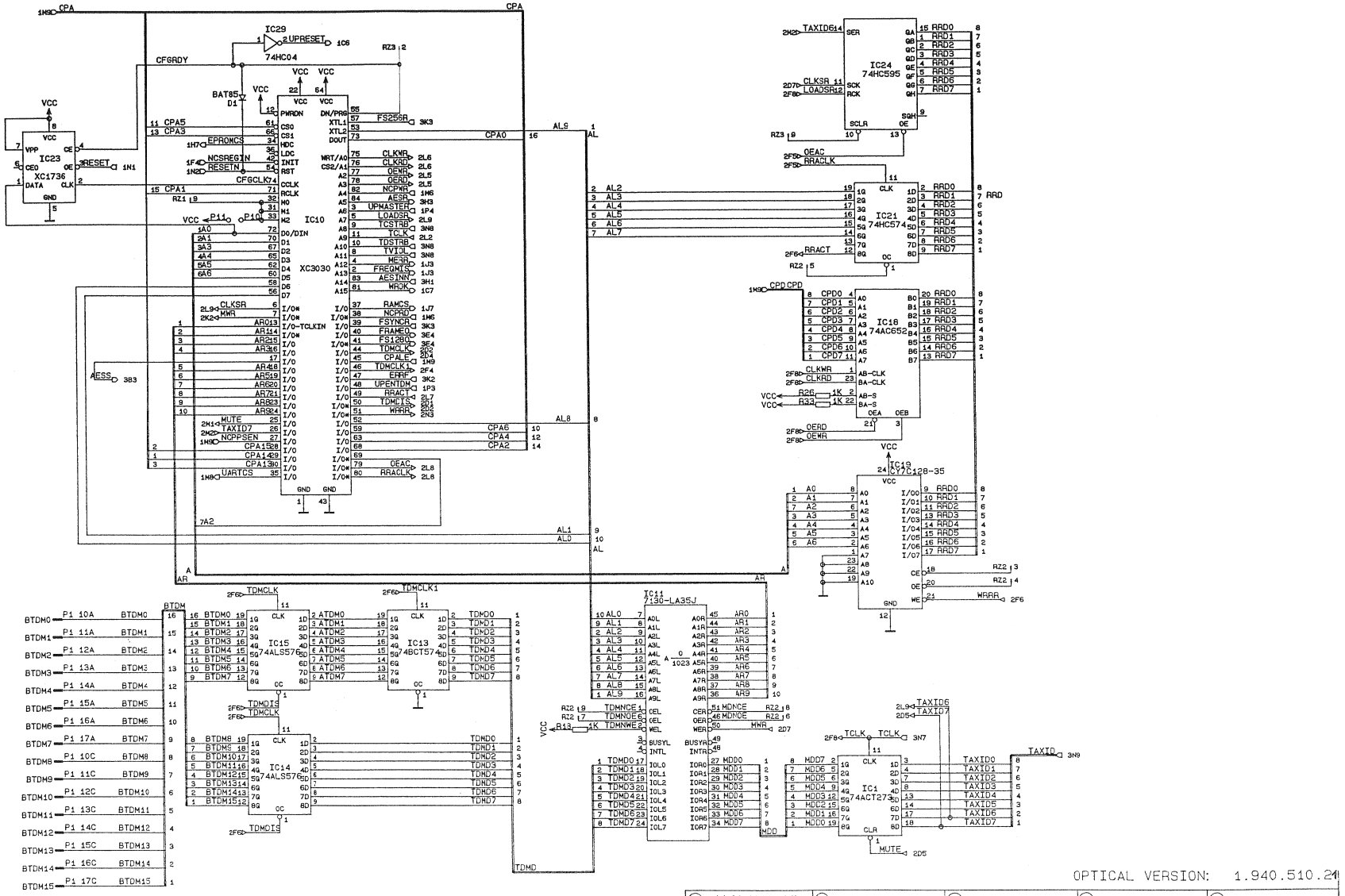
D19M Madi Coaxial 1.940.500.21
Madi Optical 1.940.510.21



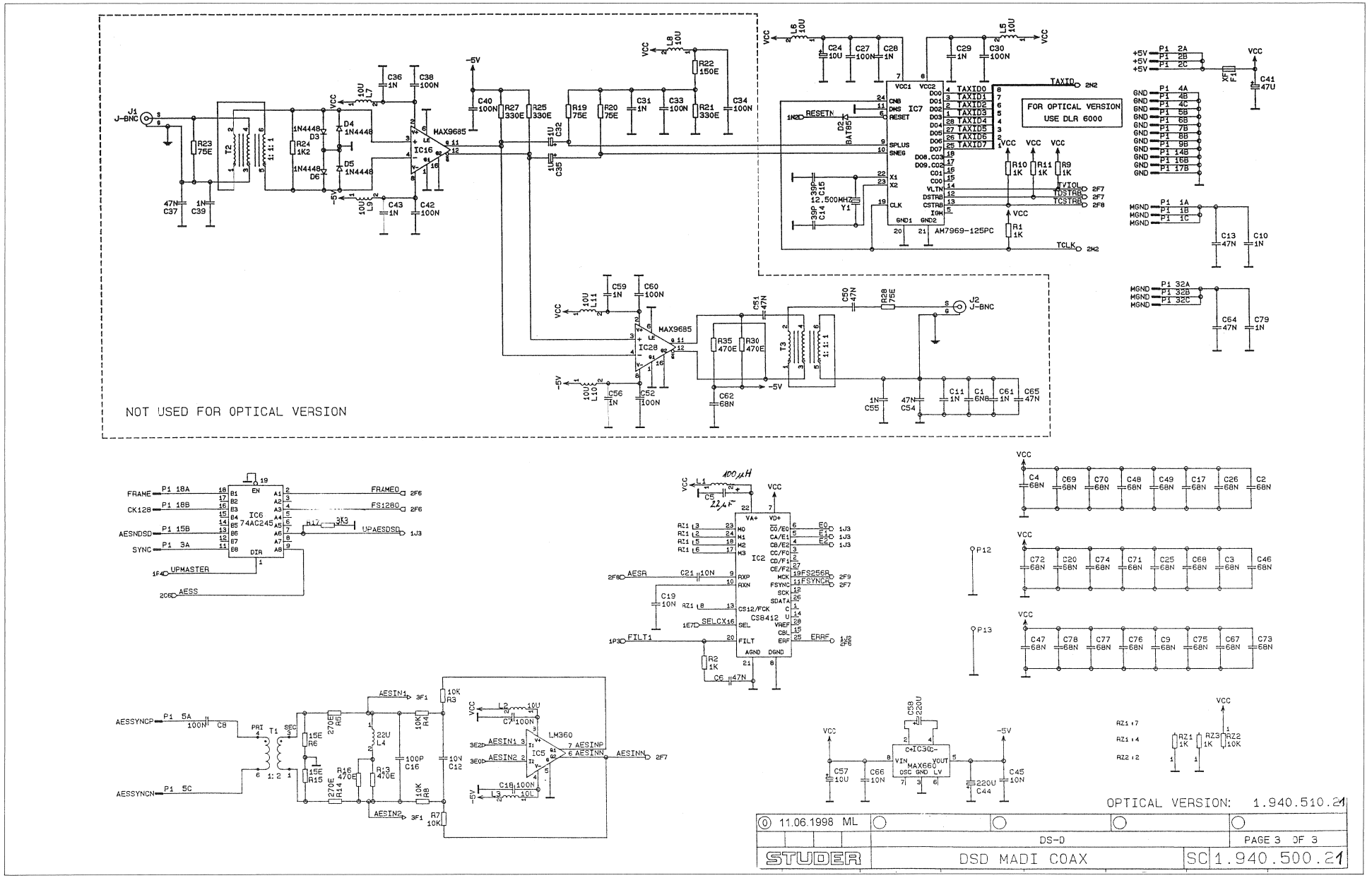
OPTICAL VERSION: 1.940.510.21

0 11.06.1998 ML				
		DS-D		PAGE 1 OF 3
STUDER	DSD MADI COAX		SC	1.940.500.21

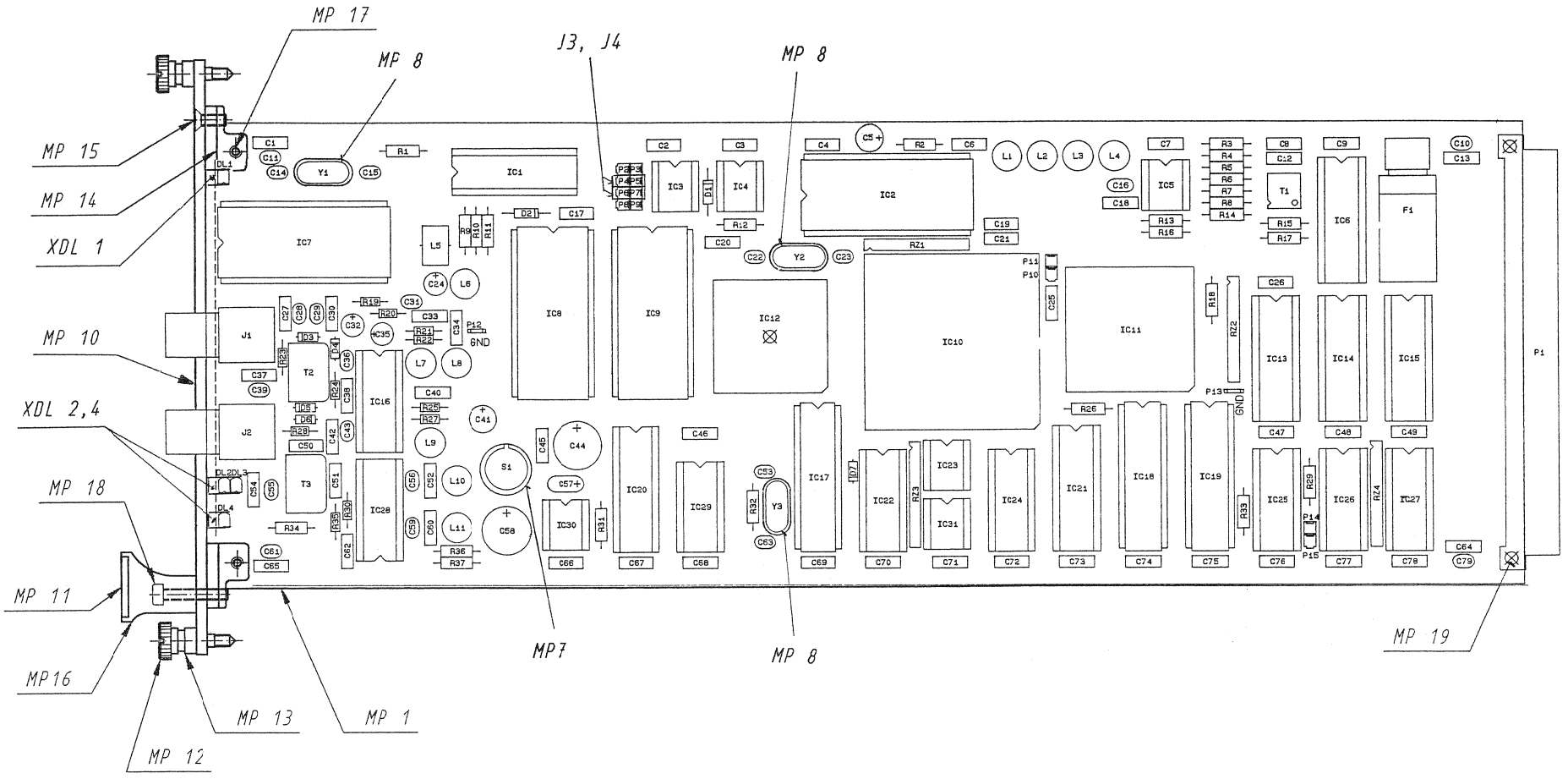
D19M Madi Coaxial 1.940.500.21
Madi Optical 1.940.510.21



D19M Madi Coaxial 1.940.500.21
Madi Optical 1.940.510.21



D19M Madi Coaxial 1.940.500.21
Madi Optical 1.940.510.21



D19M Madi Coaxial 1.940.500.21

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.06.0682		6n8	PETP, 63V, 10%, RM5
0	C 2	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 3	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 4	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 5	59.22.5220		22u	EL 25V 20% RM5
0	C 6	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 7	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 8	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 9	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 10	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 11	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 12	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 13	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 14	59.34.2390		39p	CER 63V, 5%, N150
0	C 15	59.34.2390		39p	CER 63V, 5%, N150
0	C 16	59.34.4101		100p	CER 63V, 5%, N750
0	C 17	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 18	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 19	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 20	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 21	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 22	59.34.2270		27p	CER 63V, 5%, N150
0	C 23	59.34.2270		27p	CER 63V, 5%, N150
0	C 24	59.22.6100		10u	EL 35V 20% RM5
0	C 25	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 26	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 27	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 28	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 29	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 30	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 31	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 32	59.30.6109		1u	TA, 20%, 35V
0	C 33	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 34	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 35	59.30.6109		1u	TA, 20%, 35V
0	C 36	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 37	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 38	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 39	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 40	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 41	59.22.3470		47u	EL 10V 20% RM5
0	C 42	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 43	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 44	59.22.4221		220u	EL 16V 20% RM5
0	C 45	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 46	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 47	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 48	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 49	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 50	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 51	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 52	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 53	59.34.0339		3p3	CER 63V, 5%, P100
0	C 54	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 55	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 56	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 57	59.22.6100		10u	EL 35V 20% RM5
0	C 58	59.22.4221		220u	EL 16V 20% RM5
0	C 59	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 60	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 61	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 62	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 63	59.34.0339		3p3	CER 63V, 5%, P100
0	C 64	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 65	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 66	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 67	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 68	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 69	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 70	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 71	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 72	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 73	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 74	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 75	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 76	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 77	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 78	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 79	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	D 1	50.04.0127		BAT85	200mA, Schottky
0	D 2	50.04.0127		BAT85	200mA, Schottky
0	D 3	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	D 4	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	D 5	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	D 6	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	D 7	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 3	50.04.2201		HLMP1719	DL HLMP - 1719 GB
0	DL 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	F 1	51.01.0119		1.6A	T 5*20 L 250V
0	IC 1	50.17.7273		ACT273	.. 74 ACT 273 .
0	IC 2	50.13.0202		CS8412	IC CS 8412-CP ,A
0	IC 3	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	IC 4	50.14.2103		93C46	EEPROM 64 * 16, serial
0	IC 5	50.11.1002		LM360	High speed Comparator
0	IC 6	50.06.0245		74LS245	SN 74 LS 245 N
0	IC 7	50.16.0702		AM7969-125	TAXI Receiver
0	IC 8	1.940.940.20			SW 500 MADI (50.14.2002)
0	IC 9	50.14.0133		5565	IC HM 6264LP-15 ,A
0	IC 10	50.63.4002		XC3030A-7	LCA 3000 / 3000 PLCC84
0	IC 11	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0	IC 12	50.63.0009		80C652	MPU 8bit
0	IC 13	50.17.0574		74HCT574	IC .. 74 HCT574 ., ,A
0	IC 14	50.06.1576		74ALS576	Octal D-Type FF, tri
0	IC 15	50.06.1576		74ALS576	Octal D-Type FF, tri
0	IC 16	50.11.0156		MAX9685	ECL Comparator, latching
0	IC 17	50.16.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0	IC 18	50.17.5652		74AC652	Octal Bus Reg/Transceiver
0	IC 19	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 20	50.17.0573		74HCT573	IC .. 74 HCT573 ., ,A
0	IC 21	50.17.1574		74HC574	IC ... 74 HC 574 ., ,A
0	IC 22	50.17.1594		74HC594	IC ... 74 HC 594 ., ,A
0	IC 23	1.940.941.21			SW 500 MADIIN (50.14.1501)
0	IC 24	50.17.1595		74HC595	IC ... 74 HC 595 ., ,A
0	IC 25	50.15.0121		75174	IC SN 75174 N
0	IC 26	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 27	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 28	50.11.0156		MAX9685	ECL Comparator, latching
0	IC 29	50.17.1004		74HC04	IC ... 74 HC 04 ., ,A
0	IC 30	50.10.0124		MAX660	V-Converter ... +5.5V to -5.5V
0	IC 31	50.15.0114		9637	Dual diff Line Receiver
0	J 1	54.21.2031		BNC	J 1 POL PRINT/WINKEL BNC
0	J 2	54.21.2031		BNC	J 1 POL PRINT/WINKEL BNC
0	J 3	54.01.0021		Jumper	0.63 * 0.63mm
0	J 4	54.01.0021		Jumper	0.63 * 0.63mm
0	L 1	62.02.3101		100uH	10%, radial RM 5
0	L 2	62.02.3100		10uH	10%, radial RM 5
0	L 3	62.02.3100		10uH	10%, radial RM 5
0	L 4	62.02.3220		22uH	10%, radial RM 5
0	L 5	62.03.0001		10uH	1A Toroid Chocke
0	L 6	62.02.3100		10uH	10%, radial RM 5
0	L 7	62.02.3100		10uH	10%, radial RM 5
0	L 8	62.02.3100		10uH	10%, radial RM 5
0	L 9	62.02.3100		10uH	10%, radial RM 5
0	L 10	62.02.3100		10uH	10%, radial RM 5
0	L 11	62.02.3100		10uH	10%, radial RM 5
0	MP 1	1.940.500.11			D19M MADI PCB
0	MP 2	1.010.057.43			Baugruppenschild
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 5	1.010.117.51			TEXT-ETIK. 5*20 (T1.60A)
0	MP 7	1.010.015.50		Spacer	Isolierscheibe
0	MP 8	89.01.1499	3 pcs		QUARZ - ISOLIERPLATTE
0	MP 10	1.940.500.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	1.101.001.21	1 pce		TEXT-ETIK. 5*20 HARDWARE -21
0	P 1	54.11.2009		96p	EU-R 3*32p
0	P 2	54.01.0020		1p	Pin 0.63*0.63
0	P 3	54.01.0020		1p	Pin 0.63*0.63
0	P 4	54.01.0020		1p	Pin 0.63*0.63
0	P 5	54.01.0020		1p	Pin 0.63*0.63
0	P 6	54.01.0020		1p	Pin 0.63*0.63

D19M Madi Coaxial 1.940.500.21

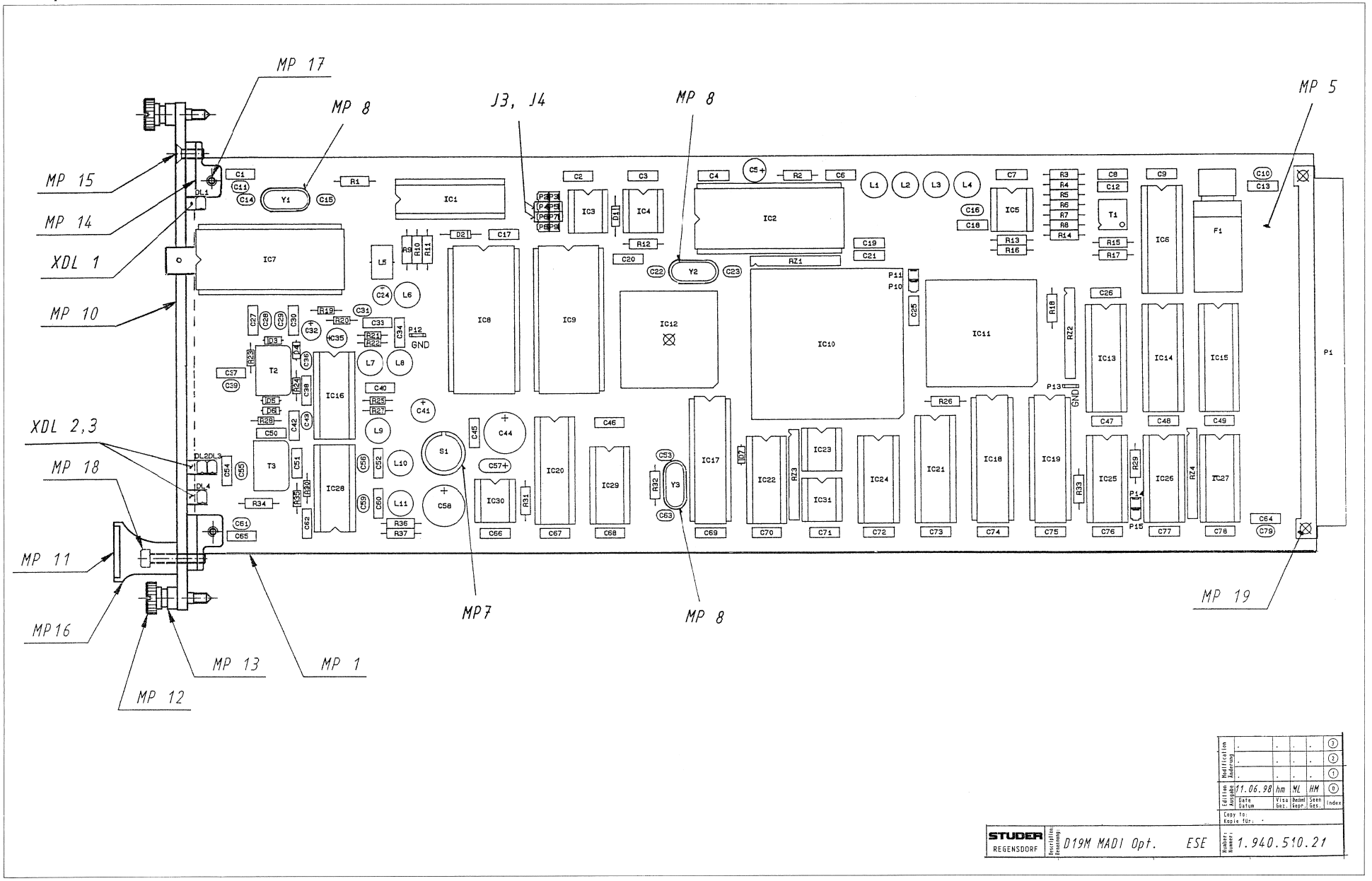
Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	P 7	54.01.0020		1p	Pin 0.63*0.63
0	P 8	54.01.0020		1p	Pin 0.63*0.63
0	P 9	54.01.0020		1p	Pin 0.63*0.63
0	P 10	54.01.0020		1p	Pin 0.63*0.63
0	P 11	54.01.0020		1p	Pin 0.63*0.63
0	P 12	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	P 13	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	P 14	54.01.0020		1p	Pin 0.63*0.63
0	P 15	54.01.0020		1p	Pin 0.63*0.63
0	R 1	57.11.3102		1k0	MF, 1%, 0207
0	R 2	57.11.3102		1k0	MF, 1%, 0207
0	R 3	57.11.3103		10k	MF, 1%, 0207
0	R 4	57.11.3103		10k	MF, 1%, 0207
0	R 5	57.11.3271		270R	MF, 1%, 0207
0	R 6	57.11.3150		15R	MF, 1%, 0207
0	R 7	57.11.3103		10k	MF, 1%, 0207
0	R 8	57.11.3103		10k	MF, 1%, 0207
0	R 9	57.11.3102		1k0	MF, 1%, 0207
0	R 10	57.11.3102		1k0	MF, 1%, 0207
0	R 11	57.11.3102		1k0	MF, 1%, 0207
0	R 12	57.11.3102		1k0	MF, 1%, 0207
0	R 13	57.11.3471		470R	MF, 1%, 0207
0	R 14	57.11.3271		270R	MF, 1%, 0207
0	R 15	57.11.3150		15R	MF, 1%, 0207
0	R 16	not used		470R	MF, 1%, 0207
1	R 17	57.11.3332		3k3	MF, 1%, 0207
0	R 18	57.11.3102		1k0	MF, 1%, 0207
0	R 19	57.10.1750		75R	MF, 1%, 0204
0	R 20	57.10.1750		75R	MF, 1%, 0204
0	R 21	57.10.1331		330R	MF, 1%, 0204
0	R 22	57.11.3151		150R	MF, 1%, 0207
0	R 23	57.10.1750		75R	MF, 1%, 0204
0	R 24	57.10.1122		1k2	MF, 1%, 0204
0	R 25	57.10.1331		330R	MF, 1%, 0204
0	R 26	57.11.3102		1k0	MF, 1%, 0207
0	R 27	57.10.1331		330R	MF, 1%, 0204
0	R 28	57.10.1750		75R	MF, 1%, 0204
0	R 29	57.11.3103		10k	MF, 1%, 0207
0	R 30	57.10.1471		470R	MF, 1%, 0204
0	R 31	57.11.3102		1k0	MF, 1%, 0207
0	R 32	57.11.3105		1M0	MF, 1%, 0207
0	R 33	57.11.3102		1k0	MF, 1%, 0207
0	R 34	57.11.3102		1k0	MF, 1%, 0207
0	R 35	57.10.1471		470R	MF, 1%, 0204
0	R 36	57.11.3102		1k0	MF, 1%, 0207
0	R 37	57.11.3102		1k0	MF, 1%, 0207
0	RZ 1	57.88.4102		1k0	8*R Resistor-Netw 2% SIP9
0	RZ 2	57.88.4102		1k0	8*R Resistor-Netw 2% SIP9
0	RZ 3	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	RZ 4	57.88.4333		33k	8*R Resistor-Netw 2% SIP9
0	S 1	55.03.0122		1*a	S 1 TASTE, 1*A, PRINT,IMPULS
0	T 1	63.15.0021			RF - Trafo
0	T 2	63.15.0001			IMPULSTRANSFORMATOR
0	T 3	63.15.0001			IMPULSTRANSFORMATOR
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XDL 3	50.20.2501		Spacer	LED-Sockel
0	XF 1	53.03.0118			XF 5 * 20, PRINT-LIEGEND
0	XIC 8	53.03.0173		28p	DIL 0.6", löt, gerade
0	XIC 10	53.03.2284		84p	PLCC-Socket
0	XIC 11	53.03.2252		52p	PLCC-Socket
0	XIC 12	53.03.2244		44p	PLCC-Socket
0	XIC 14	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 15	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 23	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 25	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 31	53.03.0166		8p	DIL 0.3", löt, gerade
0	Y 1	89.01.1013		12.500MHz	XTAL HC 49/U
0	Y 2	89.01.1014		12.000MHz	XTAL HC 49/U
0	Y 3	89.01.1002		3.6864MHz	XTAL HC 18 U

End of List

Comments

Datenübernahme

Madi Optical 1.940.510.21



Madi Optical 1.940.510.21

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	not used		6n8	PETP, 63V, 10%, RM5
0	C 2	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 3	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 4	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 5	59.22.5220		22u	EL 25V 20% RM5
0	C 6	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 7	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 8	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 9	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 10	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 11	not used		1n	C 1000 P , 20%, 50V , CER
0	C 12	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 13	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 14	59.34.2390		39p	CER 63V, 5%, N150
0	C 15	59.34.2390		39p	CER 63V, 5%, N150
0	C 16	59.34.4101		100p	CER 63V, 5%, N750
0	C 17	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 18	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 19	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 20	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 21	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 22	59.34.2270		27p	CER 63V, 5%, N150
0	C 23	59.34.2270		27p	CER 63V, 5%, N150
0	C 24	59.22.6100		10u	EL 35V 20% RM5
0	C 25	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 26	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 27	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 28	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 29	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 30	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 31	not used		1n	C 1000 P , 20%, 50V , CER
0	C 32	not used		1u	~A, 20%, 35V
0	C 33	not used		100n	PETP, 63V, 10%, RM5
0	C 34	not used		100n	PETP, 63V, 10%, RM5
0	C 35	not used		1u	~A, 20%, 35V
0	C 36	not used		1n	C 1000 P , 20%, 50V , CER
0	C 37	not used		47n	PETP, 63V, 10%, RM5
0	C 38	not used		100n	PETP, 63V, 10%, RM5
0	C 39	not used		1n	C 1000 P , 20%, 50V , CER
0	C 40	not used		100n	PETP, 63V, 10%, RM5
0	C 41	59.22.3470		47u	EL 10V 20% RM5
0	C 42	not used		100n	PETP, 63V, 10%, RM5
0	C 43	not used		1n	C 1000 P , 20%, 50V , CER
0	C 44	59.22.4221		220u	EL 16V 20% RM5
0	C 45	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 46	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 47	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 48	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 49	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 50	not used		47n	PETP, 63V, 10%, RM5
0	C 51	not used		47n	PETP, 63V, 10%, RM5
0	C 52	not used		100n	PETP, 63V, 10%, RM5
0	C 53	59.34.0339		3p3	CER 63V, 5%, P100
0	C 54	not used		47n	PETP, 63V, 10%, RM5
0	C 55	not used		1n	C 1000 P , 20%, 50V , CER
0	C 56	not used		1n	C 1000 P , 20%, 50V , CER
0	C 57	59.22.6100		10u	EL 35V 20% RM5
0	C 58	59.22.4221		220u	EL 16V 20% RM5
0	C 59	not used		1n	C 1000 P , 20%, 50V , CER
0	C 60	not used		100n	PETP, 63V, 10%, RM5
0	C 61	not used		1n	C 1000 P , 20%, 50V , CER
0	C 62	not used		68n	PETP, 63V, 10%, RM5
0	C 63	59.34.0339		3p3	CER 63V, 5%, P100
0	C 64	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 65	not used		47n	PETP, 63V, 10%, RM5
0	C 66	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 67	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 68	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 69	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 70	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 71	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 72	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 73	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 74	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 75	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 76	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 77	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 78	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 79	59.32.4102		1n	C 1000 P , 20%, 50V , CER

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	D 1	50.04.0127		BAT85	200mA, Schottky
0	D 2	50.04.0127		BAT85	200mA, Schottky
0	D 3	not used		1N4448	75V, 150mA, 4ns, DO-35
0	D 4	not used		1N4448	75V, 150mA, 4ns, DO-35
0	D 5	not used		1N4448	75V, 150mA, 4ns, DO-35
0	D 6	not used		1N4448	75V, 150mA, 4ns, DO-35
0	D 7	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 3	50.04.2201		HLMP1719	DL HLMP - 1719 GB
0	DL 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	F 1	51.01.0119		1.6A	T 5*20 L 250V
0	IC 1	50.17.7273		ACT273	.. 74 ACT 273 .
0	IC 2	50.13.0202		CS8412	IC CS 8412-CP ,A
0	IC 3	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	IC 4	50.14.2103		93C46	EEPROM 64 * 16, serial
0	IC 5	50.11.1002		LM360	High speed Comparator
0	IC 6	50.05.0245		74LS245	SN 74 LS 245 N
0	IC 7	89.10.0002		DLR6000	LWL-TAXI-Receiver
0	IC 8	1.940.340.20			SW 500 MADI (50.14.2002)
0	IC 9	50.14.0133		5565	IC HM 6264LP-15 ,A
0	IC 10	50.63.4002		XC3030A-7	LCA 3000 / 3000 PLCC84
0	IC 11	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0	IC 12	50.63.0009		80C652	MPU 8bit
0	IC 13	50.17.0574		74HCT574	IC .. 74 HCT574 ., ,A
0	IC 14	50.05.1576		74ALS576	Octal D-Type FF, tri
0	IC 15	50.05.1576		74ALS576	Octal D-Type FF, tri
0	IC 16	not used		MAX9685	ECL Comparator, latching
0	IC 17	50.13.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0	IC 18	50.17.5652		74AC652	Octal Bus Reg/Transceiver
0	IC 19	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 20	50.17.0573		74HCT573	IC .. 74 HCT573 ., ,A
0	IC 21	50.17.1574		74HC574	IC .. 74 HC 574 ., ,A
0	IC 22	50.17.1594		74HC594	IC .. 74 HC 594 ., ,A
0	IC 23	1.940.341.21			SW 500 MADIIN (50.14.1501)
0	IC 24	50.17.1595		74HC595	IC .. 74 HC 595 ., ,A
0	IC 25	50.15.0121		75174	IC SN 75174 N
0	IC 26	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 27	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 28	not used		MAX9685	ECL Comparator, latching
0	IC 29	50.17.1004		74HC04	IC .. 74 HC 04 ., ,A
0	IC 30	50.13.0124		MAX660	V-Converter .. +5.5V to -5.5V
0	IC 31	50.15.0114		9637	Dual diff Line Receiver
0	J 3	54.01.0021		Jumper	0.63 * 0.63mm
0	J 4	54.01.0021		Jumper	0.63 * 0.63mm
0	L 1	62.02.3101		100uH	10%, radial RM 5
0	L 2	62.02.3100		10uH	10%, radial RM 5
0	L 3	62.02.3100		10uH	10%, radial RM 5
0	L 4	62.02.3220		22uH	10%, radial RM 5
0	L 5	62.03.0001		10uH	1A Toroid Chocke
0	L 6	62.02.3100		10uH	10%, radial RM 5
0	L 7	not used		10uH	10%, radial RM 5
0	L 8	not used		10uH	10%, radial RM 5
0	L 9	not used		10uH	10%, radial RM 5
0	L 10	not used		10uH	10%, radial RM 5
0	L 11	not used		10uH	10%, radial RM 5
0	MP 1	1.940.500.11			D19M MADI PCB
0	MP 2	1.010.357.43			Baugruppenschild
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 5	1.010.117.51			TEXT-ETIK. 5*20 (T1.60A)
0	MP 7	1.010.915.50		Spacer	Isolierscheibe
0	MP 8	89.01.1499	3 pcs		QUARZ - ISCLIERPLATTE
0	MP 10	1.940.510.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 20	1.101.001.21	1 pce		TEXT-ETIK. 5*20 HARDWARE -21

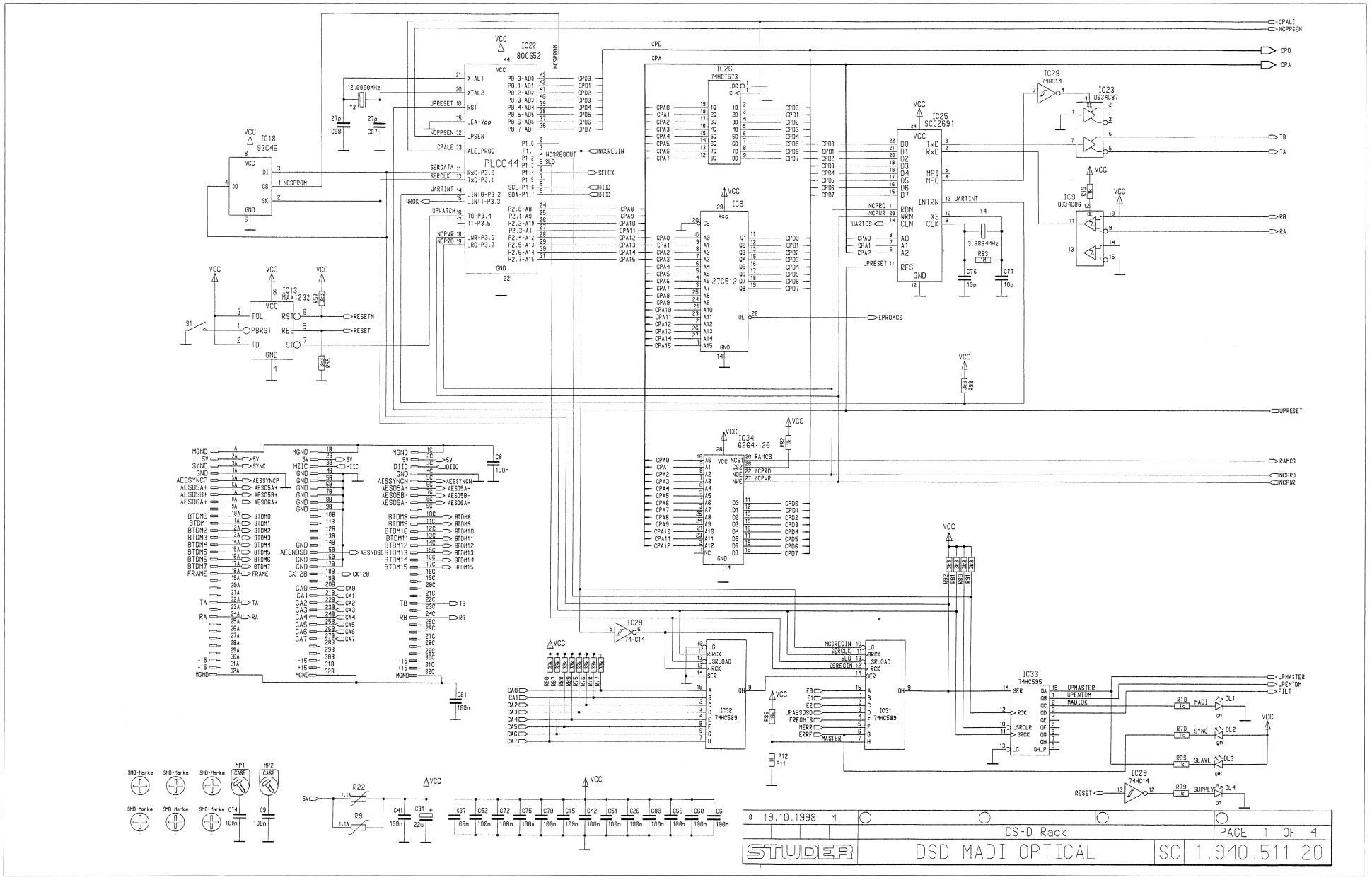
Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	P 1	54.11.2009		96p	EU-R 3*32p
0	P 2	54.01.0020		1p	Pin 0.63*0.63
0	P 3	54.01.0020		1p	Pin 0.63*0.63
0	P 4	54.01.0020		1p	Pin 0.63*0.63
0	P 5	54.01.0020		1p	Pin 0.63*0.63
0	P 6	54.01.0020		1p	Pin 0.63*0.63
0	P 7	54.01.0020		1p	Pin 0.63*0.63
0	P 8	54.01.0020		1p	Pin 0.63*0.63
0	P 9	54.01.0020		1p	Pin 0.63*0.63
0	P 10	54.01.0020		1p	Pin 0.63*0.63
0	P 11	54.01.0020		1p	Pin 0.63*0.63
0	P 12	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	P 13	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	P 14	54.01.0020		1p	Pin 0.63*0.63
0	P 15	54.01.0020		1p	Pin 0.63*0.63
0	R 1	57.11.3102		1k0	MF, 1%, 0207
0	R 2	57.11.3102		1k0	MF, 1%, 0207
0	R 3	57.11.3103		10k	MF, 1%, 0207
0	R 4	57.11.3103		10k	MF, 1%, 0207
0	R 5	57.11.3271		270R	MF, 1%, 0207
0	R 6	57.11.3150		15R	MF, 1%, 0207
0	R 7	57.11.3103		10k	MF, 1%, 0207
0	R 8	57.11.3103		10k	MF, 1%, 0207
0	R 9	57.11.3102		1k0	MF, 1%, 0207
0	R 10	57.11.3102		1k0	MF, 1%, 0207
0	R 11	57.11.3102		1k0	MF, 1%, 0207
0	R 12	57.11.3102		1k0	MF, 1%, 0207
0	R 13	57.11.3471		470R	MF, 1%, 0207
0	R 14	57.11.3271		270R	MF, 1%, 0207
0	R 15	57.11.3150		15R	MF, 1%, 0207
0	R 16	not used		470R	MF, 1%, 0207
1	R 17	57.11.3332		3k3	MF, 1%, 0207
0	R 18	57.11.3102		1k0	MF, 1%, 0207
0	R 19	not used		75R	MF, 1%, 0204
0	R 20	not used		75R	MF, 1%, 0204
0	R 21	not used		330R	MF, 1%, 0204
0	R 22	not used		150R	MF, 1%, 0207
0	R 23	not used		75R	MF, 1%, 0204
0	R 24	not used		1k2	MF, 1%, 0204
0	R 25	not used		330R	MF, 1%, 0204
0	R 26	57.11.3102		1k0	MF, 1%, 0207
0	R 27	not used		330R	MF, 1%, 0204
0	R 28	not used		75R	MF, 1%, 0204
0	R 29	57.11.3103		10k	MF, 1%, 0207
0	R 30	not used		470R	MF, 1%, 0204
0	R 31	57.11.3102		1k0	MF, 1%, 0207
0	R 32	57.11.3105		1M0	MF, 1%, 0207
0	R 33	57.11.3102		1k0	MF, 1%, 0207
0	R 34	57.11.3102		1k0	MF, 1%, 0207
0	R 35	not used		470R	MF, 1%, 0204
0	R 36	57.11.3102		1k0	MF, 1%, 0207
0	R 37	57.11.3102		1k0	MF, 1%, 0207
0	RZ 1	57.88.4102		1k0	8*R Resistor-Netw 2% SIP9
0	RZ 2	57.88.4102		1k0	8*R Resistor-Netw 2% SIP9
0	RZ 3	57.88.4103		10k	8*R Resistor-Netw 2% SIP9
0	RZ 4	57.88.4333		33k	8*R Resistor-Netw 2% SIP9
0	S 1	55.03.0122		1*a	S 1 TASTE, 1*A, PRINT,IMPULS
0	T 1	63.15.0021			RF - Trafo
0	T 2	not used			IMPULSTRANSFORMATOR
0	T 3	not used			IMPULSTRANSFORMATOR
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XDL 3	50.20.2501		Spacer	LED-Sockel
0	XF 1	53.03.0118			XF 5 * 20, PRINT-LIEGEND
0	XIC 8	53.03.0173			28p DIL 0.6", löt, gerade
0	XIC 10	53.03.2284			84p PLCC-Socket
0	XIC 11	53.03.2252			52p PLCC-Socket
0	XIC 12	53.03.2244			44p PLCC-Socket
0	XIC 14	53.03.0165			20p DIL 0.3", löt, gerade
0	XIC 15	53.03.0165			20p DIL 0.3", löt, gerade
0	XIC 23	53.03.0166			8p DIL 0.3", löt, gerade
0	XIC 25	53.03.0168			16p DIL 0.3", löt, gerade
0	XIC 31	53.03.0166			8p DIL 0.3", löt, gerade
0	Y 1	89.01.1013		12.500MHz	XTAL HC 49/U
0	Y 2	89.01.1014		12.000MHz	XTAL HC 49/U
0	Y 3	89.01.1002		3.6864MHz	XTAL HC 18 U

End of List

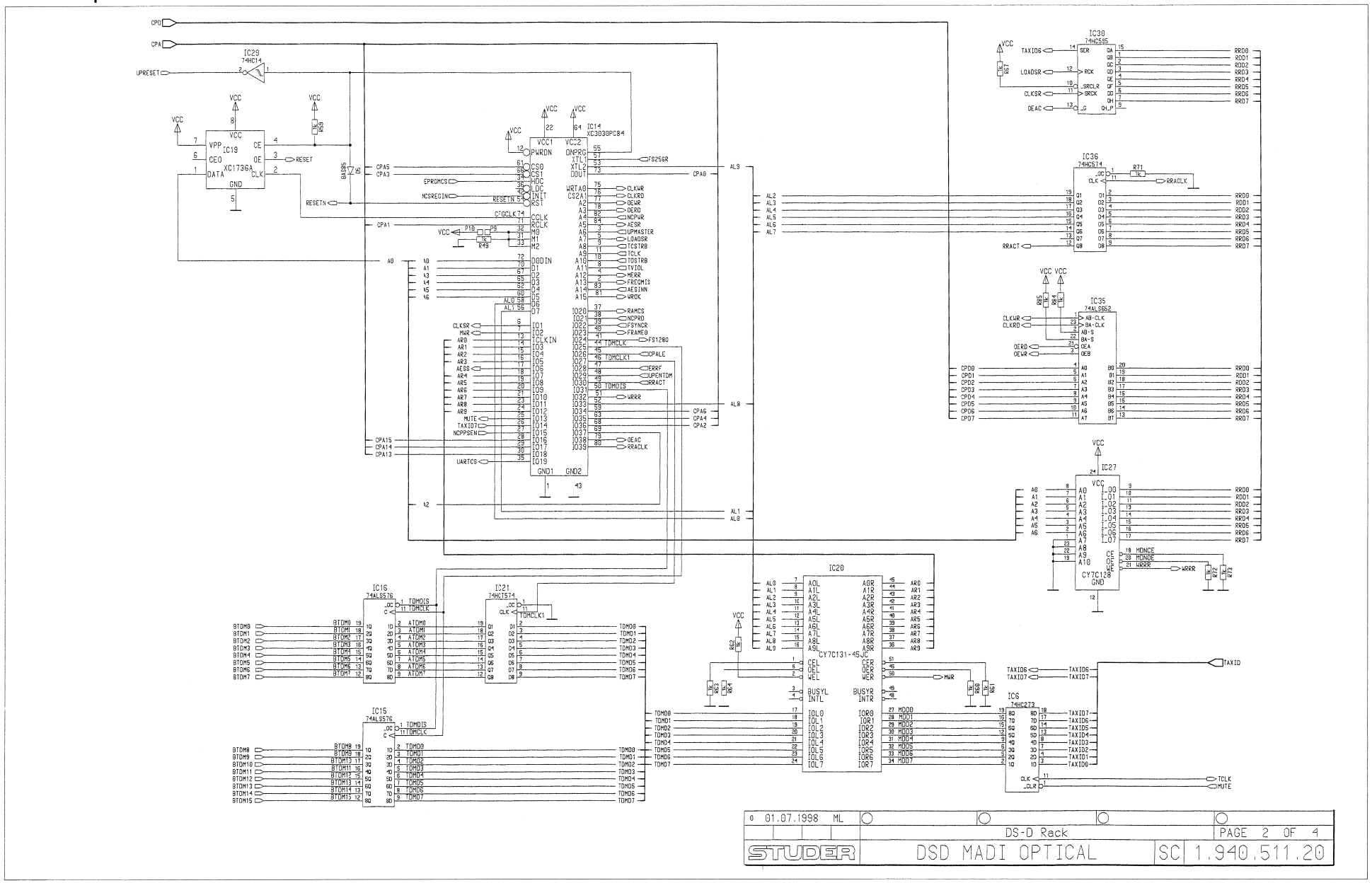
Comments

Datenübernahme

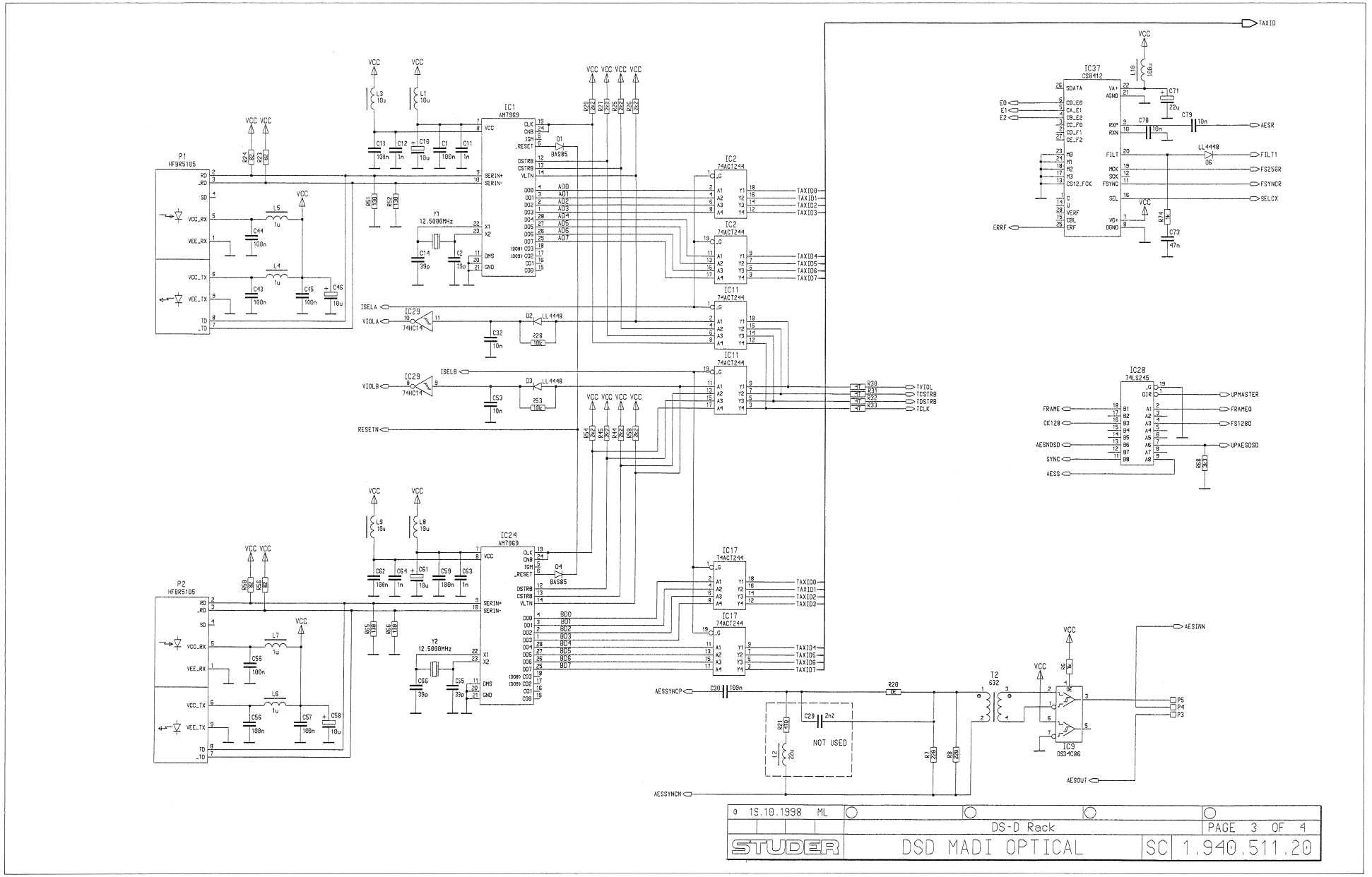
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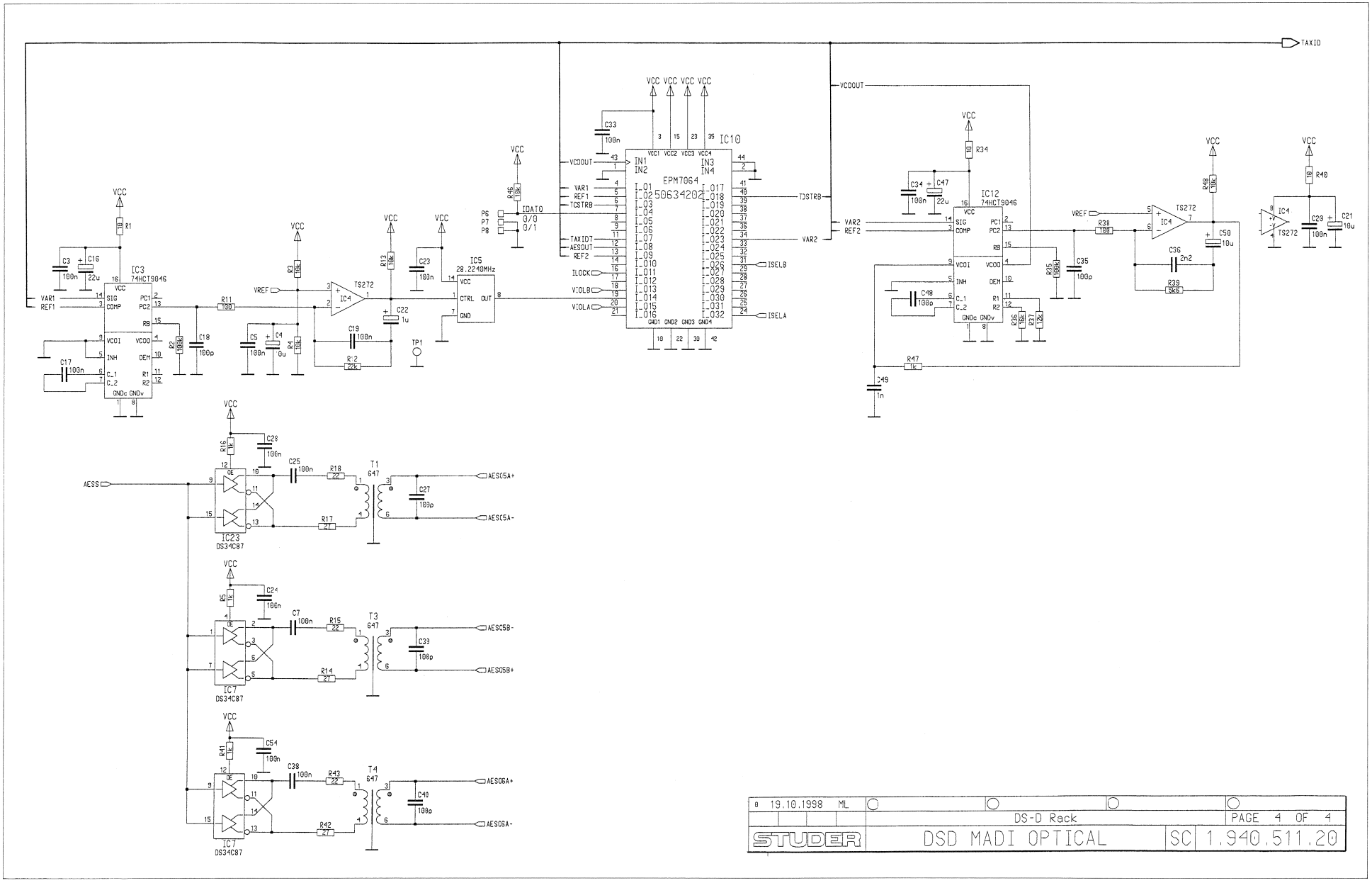
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DSD Madi Optical 1.940.511.20

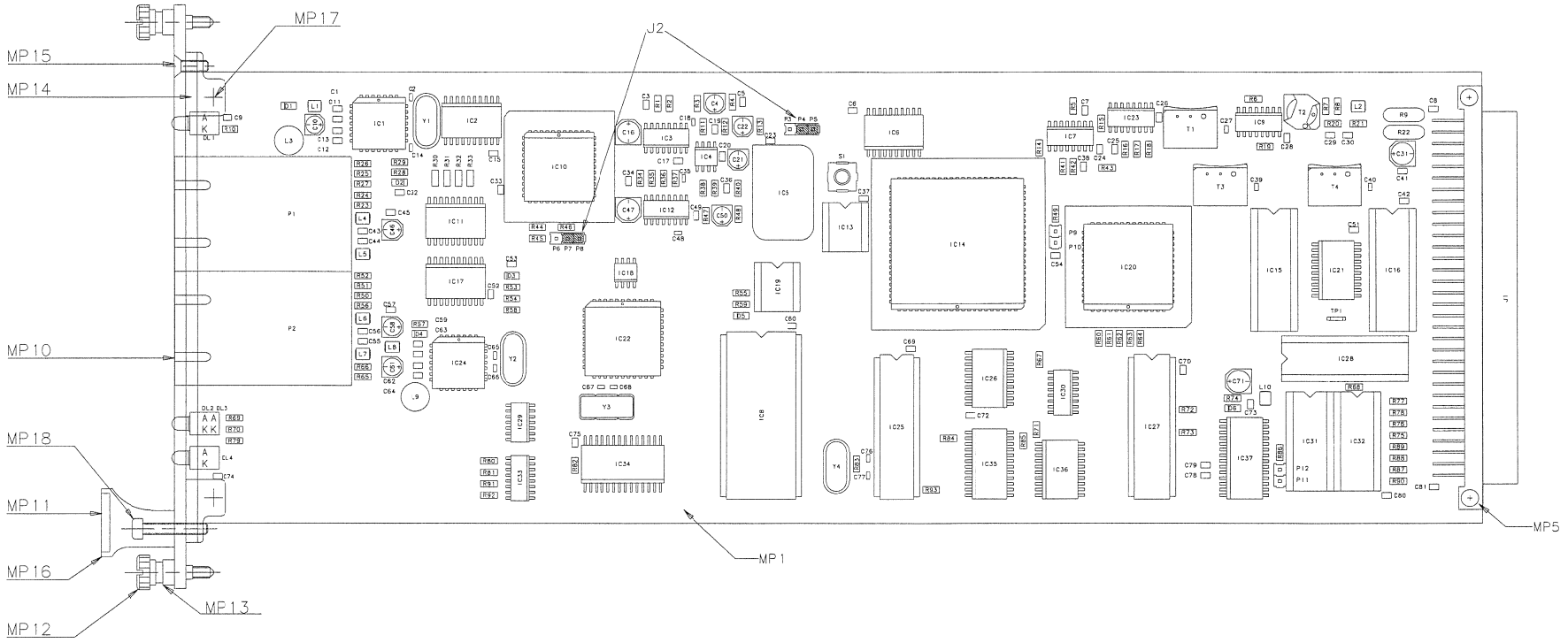


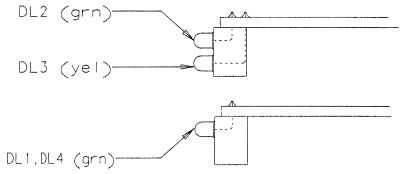
DSD Madi Optical 1.940.511.20



0 19.10.1998 ML				
	DS-D Rack			PAGE 4 OF 4
STUDER	DSD MADI OPTICAL		SC	1.940.511.20

DSD Madi Optical 1.940.511.20





Edition / Ausgabe	Modification / Aenderung				3
					2
					1
	19.10.1998	AF			0
	Date / Datum	Visa / Gez.	Checked / Gepr.	Seen / Ges.	Index

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STUDER REGENSDORF | Description / Bezeichnung: DSD MADI OPTICAL, ESE | Number / Nummer: 1.940.511.20

MADI Optical 1.940.511.21 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 4	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 11	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 12	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 15	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 16	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 19	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 21	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 22	59.68.0127		1u0	EL 50V, 4.0*5.7
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	not used		2n2	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 32	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 35	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 36	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 37	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 40	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 41	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 46	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 47	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 48	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 49	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 50	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 52	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 56	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 57	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 58	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 59	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 60	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 61	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 62	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 63	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 64	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 65	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 66	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 67	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 68	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 71	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 72	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 73	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 74	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 75	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 76	59.60.2225		10p	CER 50V, 5%, C0G, 0603
0	C 77	59.60.2225		10p	CER 50V, 5%, C0G, 0603
0	C 78	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 79	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 80	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 81	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 5	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8001		4448	200mA 75V 4ns SOD 80

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 3	50.04.2201		HLMP1719	DL HLMP - 1719 GB
0	DL 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	IC 1	50.63.0205		AM7969	TAXI Chip Receiver
0	IC 2	50.62.6244		74ACT244	Octal bus line driver
0	IC 3	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 4	50.61.0205		TS272CD	Dual Op-Amp CMOS SO 8
0	IC 5	89.01.1507		28.224MHz	VCXO Xtal-Oscillator voltage c
0	IC 6	50.62.1273		74HC273	Octal D-FF with reset
0	IC 7	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 8	1.940.940.20			SW 500 MADI (50.14.2002)
0	IC 9	50.62.0463		DS34C86	4*RS 422 Line Receiver
0	IC 10	1.680.904.21			SW 050 MADILOCK (50.63.4202)
0	IC 11	50.62.6244		74ACT244	Octal bus line driver
0	IC 12	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 13	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	IC 14	50.63.4002		XC3030A-7	LCA 3000 / 3000 PLCC84
0	IC 15	50.06.1576		74ALS576	Octal D-Type FF, tri
0	IC 16	50.06.1576		74ALS576	Octal D-Type FF, tri
0	IC 17	not used		74ACT244	Octal bus line driver
0	IC 18	50.63.1108		93C46	EEPROM 64*16, SO 8
0	IC 19	1.940.941.21			SW 500 MADIIN (50.14.1501)
0	IC 20	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0	IC 21	50.62.3574		74HCT574	Octal D-FF
0	IC 22	50.63.0009		80C652	MPU 8bit
0	IC 23	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 24	not used		AM7969	TAXI Chip Receiver
0	IC 25	50.16.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0	IC 26	50.62.3573		74HCT573	Octal D-type latch
0	IC 27	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 28	50.06.0245		74LS245	SN 74 LS 245 N
0	IC 29	50.62.1014		74HC 14	Hex Schmitt trigger inverter
0	IC 30	50.62.1595		74HC595	8bit shift/output register
0	IC 31	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 32	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 33	50.62.1595		74HC595	8bit shift/output register
0	IC 34	50.63.1502		6264	SRAM 8K*8, 120ns
0	IC 35	50.62.2652		74ALS652	Octal bus transceiver & reg.
0	IC 36	50.62.1574		74HC574	Octal D-FF
0	IC 37	50.62.0913		CS8412	AES-Receiver
0	J 1	54.11.2009		96p	EU-R 3*32p
0	J 2	54.01.0021	2 pcs	Jumper	0.63*0.63mm, Au
0	L 1	62.60.0113		10uH	SMD 10% 1210
0	L 2	not used		22uH	SMD 10% 1210
0	L 3	62.02.3100		10uH	10%, radial RM 5
0	L 4	62.60.0101		1u0	SMD 10% 1210
0	L 5	62.60.0101		1u0	SMD 10% 1210
0	L 6	62.60.0101		1u0	SMD 10% 1210
0	L 7	62.60.0101		1u0	SMD 10% 1210
0	L 8	62.60.0113		10uH	SMD 10% 1210
0	L 9	not used		10uH	10%, radial RM 5
0	L 10	62.60.0125		100uH	SMD 10% 1210
0	MP 1	1.940.511.11	1 pce		D19M MADI PCB
0	MP 2	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 3	1.940.512.04	1 pce		TYPENSCHILD
0	MP 4	1.101.001.20	1 pce	Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 5	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 10	1.940.511.01			Frontplatte MADI
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	not used		M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	P 1	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	P 2	not used		HFBR5103	LWL Transceiver FDDI/MADI
0	P 3	54.01.0020		1p	Pin, 1reihig, gerade
0	P 4	54.01.0020		1p	Pin, 1reihig, gerade
0	P 5	54.01.0020		1p	Pin, 1reihig, gerade
0	P 6	54.01.0020		1p	Pin, 1reihig, gerade
0	P 7	54.01.0020		1p	Pin, 1reihig, gerade
0	P 8	54.01.0020		1p	Pin, 1reihig, gerade
0	P 9	54.01.0020		1p	Pin, 1reihig, gerade
0	P 10	54.01.0020		1p	Pin, 1reihig, gerade
0	P 11	54.01.0020		1p	Pin, 1reihig, gerade
0	P 12	54.01.0020		1p	Pin, 1reihig, gerade
0	R 1	57.60.1100		10R	MF, 1%, 0204, E24
0	R 2	57.60.1104		100k	MF, 1%, 0204, E24
0	R 3	57.60.1103		10k	MF, 1%, 0204, E24
0	R 4	57.60.1103		10k	MF, 1%, 0204, E24
0	R 5	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 6	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 7	57.60.1221		220R	MF, 1%, 0204, E24
0	R 8	57.60.1221		220R	MF, 1%, 0204, E24

MADI Optical 1.940.511.21 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 9	57.92.7051		1.1A	PTC 30V
0	R 10	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 11	57.60.1101		100R	MF, 1%, 0204, E24
0	R 12	57.60.1223		22k	MF, 1%, 0204, E24
0	R 13	57.60.1103		10k	MF, 1%, 0204, E24
0	R 14	57.60.1270		27R	MF, 1%, 0204, E24
0	R 15	57.60.1220		22R	MF, 1%, 0204, E24
0	R 16	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 17	57.60.1270		27R	MF, 1%, 0204, E24
0	R 18	57.60.1220		22R	MF, 1%, 0204, E24
0	R 19	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 20	57.60.1000		0R0	MF, 0204
0	R 21	not used		470R	MF, 1%, 0204, E24
0	R 22	57.92.7051		1.1A	PTC 30V
0	R 23	57.60.1820		82R	MF, 1%, 0204, E24
0	R 24	57.60.1820		82R	MF, 1%, 0204, E24
0	R 25	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 26	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 27	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 28	57.60.1103		10k	MF, 1%, 0204, E24
0	R 29	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 30	57.60.1470		47R	MF, 1%, 0204, E24
0	R 31	57.60.1470		47R	MF, 1%, 0204, E24
0	R 32	57.60.1470		47R	MF, 1%, 0204, E24
0	R 33	57.60.1470		47R	MF, 1%, 0204, E24
0	R 34	57.60.1100		10R	MF, 1%, 0204, E24
0	R 35	57.60.1104		100k	MF, 1%, 0204, E24
0	R 36	57.60.1163		16k	MF, 1%, 0204, E24
0	R 37	57.60.1123		12k	MF, 1%, 0204, E24
0	R 38	57.60.1101		100R	MF, 1%, 0204, E24
0	R 39	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 40	57.60.1100		10R	MF, 1%, 0204, E24
0	R 41	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 42	57.60.1270		27R	MF, 1%, 0204, E24
0	R 43	57.60.1220		22R	MF, 1%, 0204, E24
0	R 44	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 45	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 46	57.60.1103		10k	MF, 1%, 0204, E24
0	R 47	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 48	57.60.1103		10k	MF, 1%, 0204, E24
0	R 49	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 50	57.60.1820		82R	MF, 1%, 0204, E24
0	R 51	57.60.1131		130R	MF, 1%, 0204, E24
0	R 52	57.60.1131		130R	MF, 1%, 0204, E24
0	R 53	57.60.1103		10k	MF, 1%, 0204, E24
0	R 54	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 55	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 56	57.60.1820		82R	MF, 1%, 0204, E24
0	R 57	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 58	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 59	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 60	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 61	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 62	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 63	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 64	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 65	57.60.1131		130R	MF, 1%, 0204, E24
0	R 66	57.60.1131		130R	MF, 1%, 0204, E24
0	R 67	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 68	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 69	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 70	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 71	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 72	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 73	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 74	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 75	57.60.1333		33k	MF, 1%, 0204, E24
0	R 76	57.60.1333		33k	MF, 1%, 0204, E24
0	R 77	57.60.1333		33k	MF, 1%, 0204, E24
0	R 78	57.60.1333		33k	MF, 1%, 0204, E24
0	R 79	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 80	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 81	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 82	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 83	57.60.1105		1M	MF, 1%, 0204, E24
0	R 84	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 85	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 86	57.60.1103		10k	MF, 1%, 0204, E24
0	R 87	57.60.1333		33k	MF, 1%, 0204, E24
0	R 88	57.60.1333		33k	MF, 1%, 0204, E24
0	R 89	57.60.1333		33k	MF, 1%, 0204, E24
0	R 90	57.60.1333		33k	MF, 1%, 0204, E24
0	R 91	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 92	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 93	57.60.1332		3k3	MF, 1%, 0204, E24
0	S 1	55.60.0201		1*s	SMD Tactswitch
0	T 1	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 3	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XDL 4	50.20.2501		Spacer	LED-Sockel
0	XIC 8	53.03.0173		28p	DIL 0.6", löt, gerade
0	XIC 10	53.03.2244		44p	PLCC-Socket
0	XIC 14	53.03.2284		84p	PLCC-Socket
0	XIC 19	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 20	53.03.2252		52p	PLCC-Socket
0	XY 1	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	XY 2	not used	1 pce		QUARZ - ISOLIERPLATTE
0	XY 4	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	Y 1	89.01.1013		12.500MHz	XTAL HC 49/U
0	Y 2	89.01.1013		12.500MHz	XTAL HC 49/U
0	Y 3	89.60.1003		12.000MHz	SMD Quartz
0	Y 4	89.01.1002		3.6864MHz	XTAL HC 18 U

End of List

MADI Optical, Redundant Input 1.940.512.21 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 4	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 11	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 12	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 15	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 16	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 19	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 21	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 22	59.68.0127		1u0	EL 50V, 4.0*5.7
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	not used		2n2	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 32	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 35	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 36	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 37	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 40	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 41	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 46	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 47	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 48	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 49	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 50	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 51	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 52	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 56	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 57	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 58	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 59	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 60	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 61	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 62	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 63	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 64	59.60.2373		1n0	CER 50V, 5%, C0G, 0805
0	C 65	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 66	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 67	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 68	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 70	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 71	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 72	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 73	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 74	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 75	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 76	59.60.2225		10p	CER 50V, 5%, C0G, 0603
0	C 77	59.60.2225		10p	CER 50V, 5%, C0G, 0603
0	C 78	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 79	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 80	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 81	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 2	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 5	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8001		4448	200mA 75V 4ns SOD 80

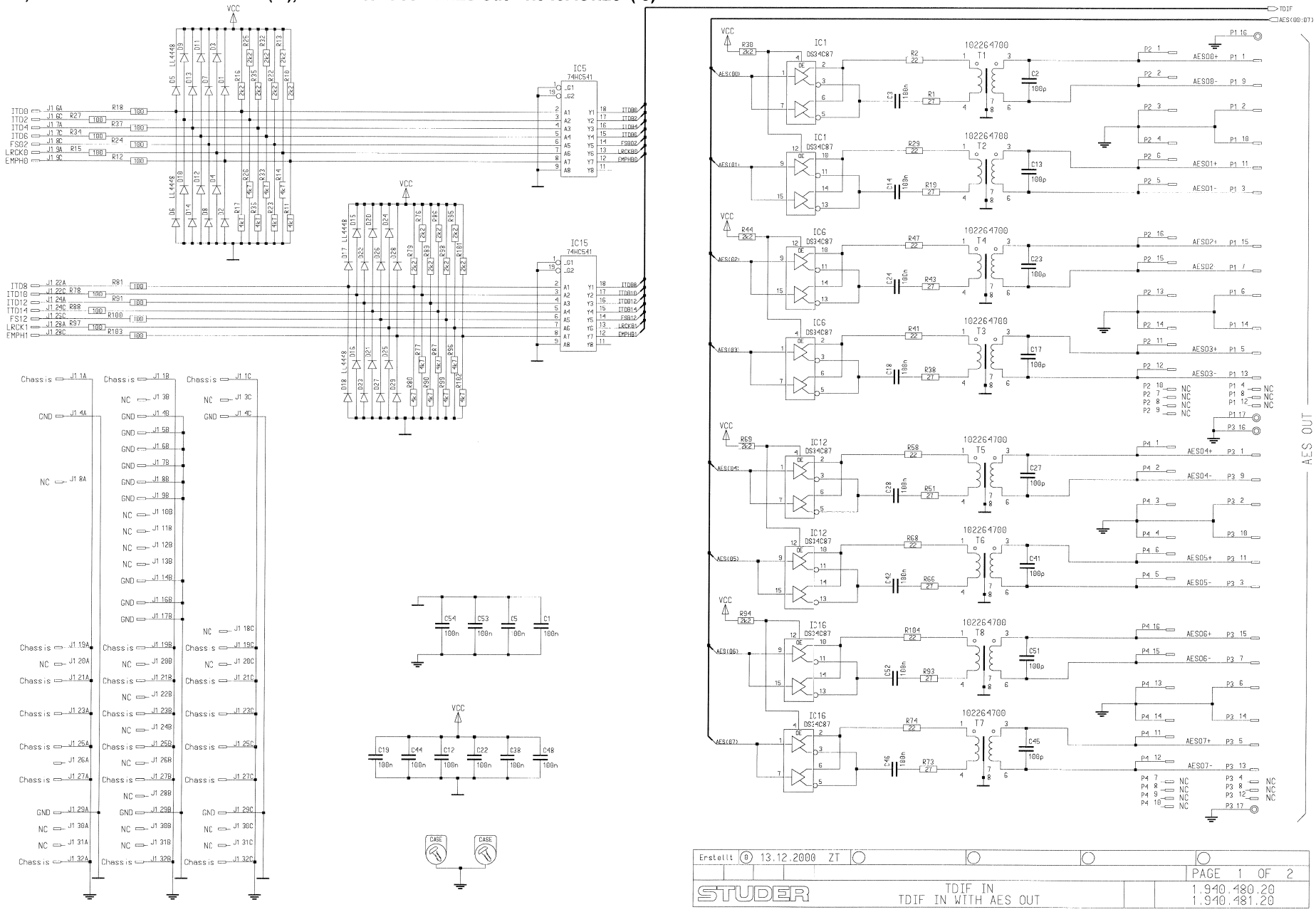
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0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 3	50.04.2201		HLMP1719	DL HLMP - 1719 GB
0	DL 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	IC 1	50.63.0205		AM7969	TAXI Chip Receiver
0	IC 2	50.62.6244		74ACT244	Octal bus line driver
0	IC 3	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 4	50.61.0205		TS272CD	Dual Op-Amp CMOS SO 8
0	IC 5	89.01.1507		28.224MHz	VCXO Xtal-Oscillator voltage c
0	IC 6	50.62.1273		74HC273	Octal D-FF with reset
0	IC 7	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 8	1.940.940.20			SW 500 MADI (50.14.2002)
0	IC 9	50.62.0463		DS34C86	4*RS 422 Line Receiver
0	IC 10	1.680.904.21			SW 050 MADILOCK (50.63.4202)
0	IC 11	50.62.6244		74ACT244	Octal bus line driver
0	IC 12	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 13	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	IC 14	50.63.4002		XC3030A-7	LCA 3000 / 3000 PLCC84
0	IC 15	50.06.1576		74ALS576	Octal D-Type FF, tri
0	IC 16	50.06.1576		74ALS576	Octal D-Type FF, tri
0	IC 17	50.62.6244		74ACT244	Octal bus line driver
0	IC 18	50.63.1108		93C46	EEPROM 64*16, SO 8
0	IC 19	1.940.941.21			SW 500 MADIIN (50.14.1501)
0	IC 20	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0	IC 21	50.62.3574		74HCT574	Octal D-FF
0	IC 22	50.63.0009		80C652	MPU 8bit
0	IC 23	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 24	50.63.0205		AM7969	TAXI Chip Receiver
0	IC 25	50.16.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0	IC 26	50.62.3573		74HCT573	Octal D-type latch
0	IC 27	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 28	50.06.0245		74LS245	SN 74 LS 245 N
0	IC 29	50.62.1014		74HC 14	Hex Schmitt trigger inverter
0	IC 30	50.62.1595		74HC595	8bit shift/output register
0	IC 31	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 32	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 33	50.62.1595		74HC595	8bit shift/output register
0	IC 34	50.63.1502		6264	SRAM 8K*8, 120ns
0	IC 35	50.62.2652		74ALS652	Octal bus transceiver & reg.
0	IC 36	50.62.1574		74HC574	Octal D-FF
0	IC 37	50.62.0913		CS8412	AES-Receiver
0	J 1	54.11.2009		96p	EU-R 3*32p
0	J 2	54.01.0021	2 pcs	Jumper	0.63*0.63mm, Au
0	L 1	62.60.0113		10uH	SMD 10% 1210
0	L 2	not used		22uH	SMD 10% 1210
0	L 3	62.02.3100		10uH	10%, radial RM 5
0	L 4	62.60.0101		1u0	SMD 10% 1210
0	L 5	62.60.0101		1u0	SMD 10% 1210
0	L 6	62.60.0101		1u0	SMD 10% 1210
0	L 7	62.60.0101		1u0	SMD 10% 1210
0	L 8	62.60.0113		10uH	SMD 10% 1210
0	L 9	62.02.3100		10uH	10%, radial RM 5
0	L 10	62.60.0125		100uH	SMD 10% 1210
0	MP 1	1.940.511.11	1 pce		D19M MADI PCB
0	MP 2	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 3	1.940.512.04	1 pce		TYPENSCHILD
0	MP 4	1.101.001.20	1 pce	Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 5	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 10	1.940.512.01	1 pce		Frontplatte MADI redundant in
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	P 1	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	P 2	89.10.0021		HFBR5103	LWL Transceiver FDDI/MADI
0	P 3	54.01.0020		1p	Pin, 1reihig, gerade
0	P 4	54.01.0020		1p	Pin, 1reihig, gerade
0	P 5	54.01.0020		1p	Pin, 1reihig, gerade
0	P 6	54.01.0020		1p	Pin, 1reihig, gerade
0	P 7	54.01.0020		1p	Pin, 1reihig, gerade
0	P 8	54.01.0020		1p	Pin, 1reihig, gerade
0	P 9	54.01.0020		1p	Pin, 1reihig, gerade
0	P 10	54.01.0020		1p	Pin, 1reihig, gerade
0	P 11	54.01.0020		1p	Pin, 1reihig, gerade
0	P 12	54.01.0020		1p	Pin, 1reihig, gerade
0	R 1	57.60.1100		10R	MF, 1%, 0204, E24
0	R 2	57.60.1104		100k	MF, 1%, 0204, E24
0	R 3	57.60.1103		10k	MF, 1%, 0204, E24
0	R 4	57.60.1103		10k	MF, 1%, 0204, E24
0	R 5	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 6	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 7	57.60.1221		220R	MF, 1%, 0204, E24
0	R 8	57.60.1221		220R	MF, 1%, 0204, E24

MADI Optical, Redundant Input 1.940.512.21 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 9	57.92.7051		1.1A	PTC 30V
0	R 10	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 11	57.60.1101		100R	MF, 1%, 0204, E24
0	R 12	57.60.1223		22k	MF, 1%, 0204, E24
0	R 13	57.60.1103		10k	MF, 1%, 0204, E24
0	R 14	57.60.1270		27R	MF, 1%, 0204, E24
0	R 15	57.60.1220		22R	MF, 1%, 0204, E24
0	R 16	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 17	57.60.1270		27R	MF, 1%, 0204, E24
0	R 18	57.60.1220		22R	MF, 1%, 0204, E24
0	R 19	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 20	57.60.1000		0R0	MF, 0204
0	R 21	not used		470R	MF, 1%, 0204, E24
0	R 22	57.92.7051		1.1A	PTC 30V
0	R 23	57.60.1820		82R	MF, 1%, 0204, E24
0	R 24	57.60.1820		82R	MF, 1%, 0204, E24
0	R 25	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 26	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 27	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 28	57.60.1103		10k	MF, 1%, 0204, E24
0	R 29	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 30	57.60.1470		47R	MF, 1%, 0204, E24
0	R 31	57.60.1470		47R	MF, 1%, 0204, E24
0	R 32	57.60.1470		47R	MF, 1%, 0204, E24
0	R 33	57.60.1470		47R	MF, 1%, 0204, E24
0	R 34	57.60.1100		10R	MF, 1%, 0204, E24
0	R 35	57.60.1104		100k	MF, 1%, 0204, E24
0	R 36	57.60.1163		16k	MF, 1%, 0204, E24
0	R 37	57.60.1123		12k	MF, 1%, 0204, E24
0	R 38	57.60.1101		100R	MF, 1%, 0204, E24
0	R 39	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 40	57.60.1100		10R	MF, 1%, 0204, E24
0	R 41	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 42	57.60.1270		27R	MF, 1%, 0204, E24
0	R 43	57.60.1220		22R	MF, 1%, 0204, E24
0	R 44	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 45	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 46	57.60.1103		10k	MF, 1%, 0204, E24
0	R 47	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 48	57.60.1103		10k	MF, 1%, 0204, E24
0	R 49	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 50	57.60.1820		82R	MF, 1%, 0204, E24
0	R 51	57.60.1131		130R	MF, 1%, 0204, E24
0	R 52	57.60.1131		130R	MF, 1%, 0204, E24
0	R 53	57.60.1103		10k	MF, 1%, 0204, E24
0	R 54	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 55	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 56	57.60.1820		82R	MF, 1%, 0204, E24
0	R 57	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 58	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 59	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 60	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 61	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 62	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 63	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 64	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 65	57.60.1131		130R	MF, 1%, 0204, E24
0	R 66	57.60.1131		130R	MF, 1%, 0204, E24
0	R 67	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 68	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 69	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 70	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 71	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 72	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 73	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 74	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 75	57.60.1333		33k	MF, 1%, 0204, E24
0	R 76	57.60.1333		33k	MF, 1%, 0204, E24
0	R 77	57.60.1333		33k	MF, 1%, 0204, E24
0	R 78	57.60.1333		33k	MF, 1%, 0204, E24
0	R 79	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 80	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 81	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 82	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 83	57.60.1105		1M	MF, 1%, 0204, E24
0	R 84	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 85	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 86	57.60.1103		10k	MF, 1%, 0204, E24
0	R 87	57.60.1333		33k	MF, 1%, 0204, E24
0	R 88	57.60.1333		33k	MF, 1%, 0204, E24
0	R 89	57.60.1333		33k	MF, 1%, 0204, E24
0	R 90	57.60.1333		33k	MF, 1%, 0204, E24
0	R 91	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 92	57.60.1332		3k3	MF, 1%, 0204, E24
0	R 93	57.60.1332		3k3	MF, 1%, 0204, E24
0	S 1	55.60.0201		1*s	SMD Tactswitch
0	T 1	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 3	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.02.0320		1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XDL 4	50.20.2501		Spacer	LED-Sockel
0	XIC 8	53.03.0173		28p	DIL 0.6", löt, gerade
0	XIC 10	53.03.2244		44p	PLCC-Socket
0	XIC 14	53.03.2284		84p	PLCC-Socket
0	XIC 19	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 20	53.03.2252		52p	PLCC-Socket
0	XY 1	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	XY 2	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	XY 4	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE
0	Y 1	89.01.1013		12.500MHz	XTAL HC 49/U
0	Y 2	89.01.1013		12.500MHz	XTAL HC 49/U
0	Y 3	89.60.1003		12.000MHz	SMD Quartz
0	Y 4	89.01.1002		3.6864MHz	XTAL HC 18 U

End of List

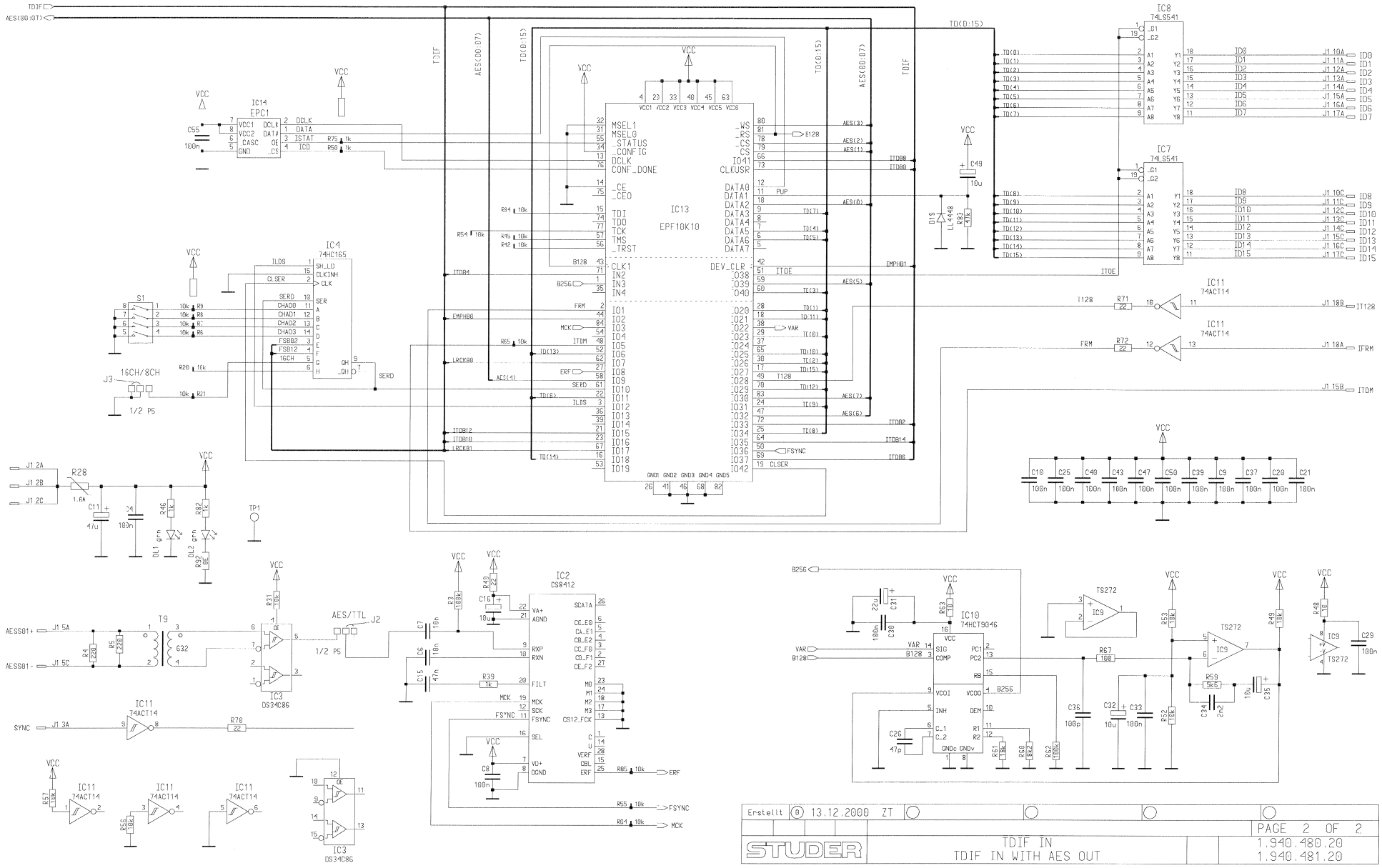
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Erstellt	13.12.2000	ZT			PAGE 1 OF 2
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Date printed: 04.10.02

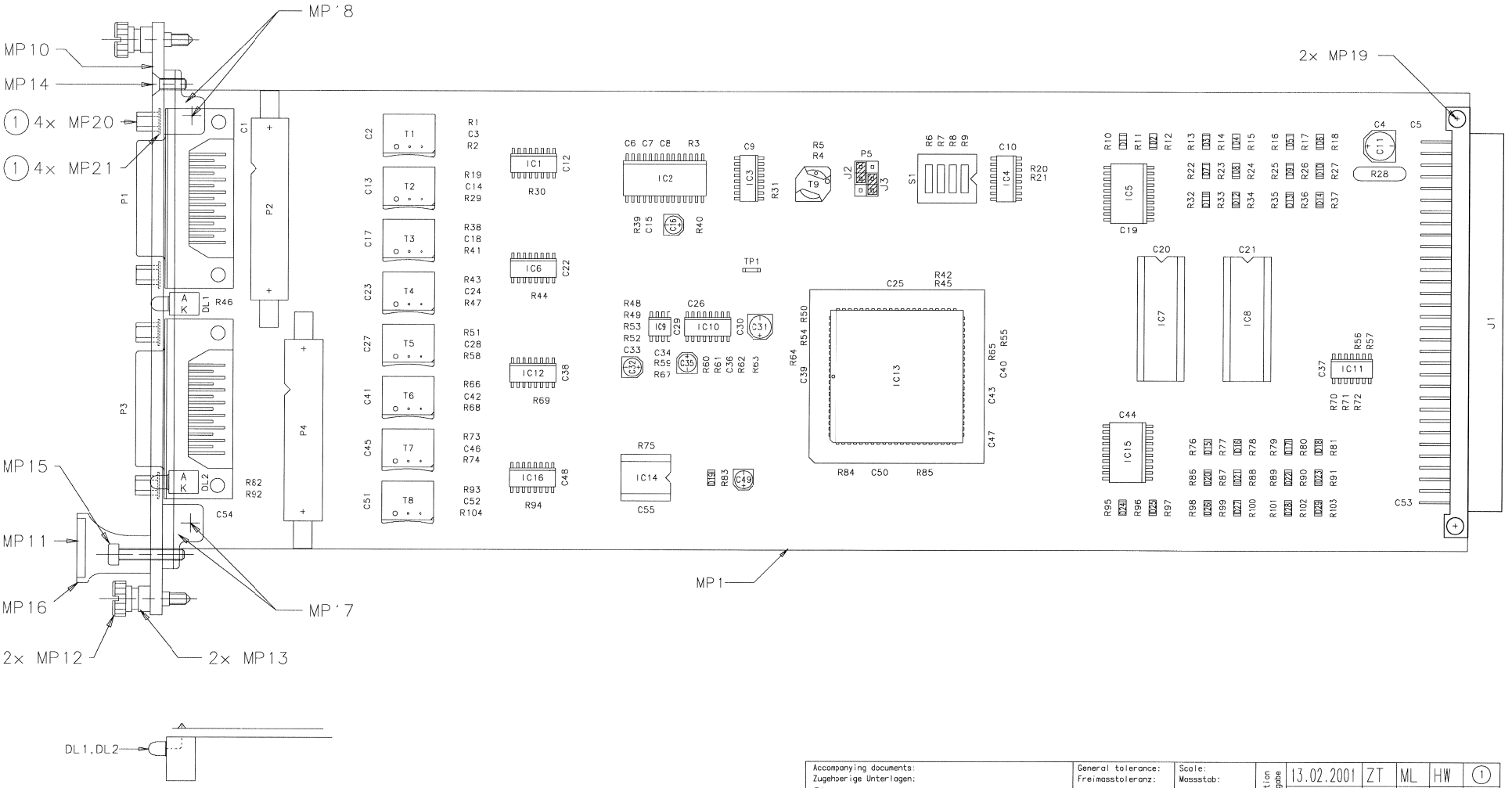
TDIFI, TDIF Interface 1.940.480.20 (0); TDIF Interface w. AES Out 1.940.481.20 (0)



Erstellt	13.12.2000 ZT		PAGE 2 OF 2
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Date printed: 30.09.02

TDIFI, TDIF Interface 1.940.480.20 (0); TDIF Interface w. AES Out 1.940.481.20 (0)



Accompanying documents: Zugehoerige Unterlagen: PL	General tolerance: Freimasstoleranz: .	Scale: Massstab: .	Edition Ausgabe	13.02.2001 Date Datum	ZT Visa Gez.	ML Checked Gepr.	HW Seen Ges.	1 Index
Substitute for: Ersatz fuer: 1.940.480.20 / 481.20 Index 0			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: TDIF IN BOARD, ESE TDIF IN WITH AES OUT BOARD, ESE		Number: Nummer:	1.940.480.20 1.940.481.20				

Date printed: 30.09.02

TDIFI, TDIF In 1.940.480.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 3	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 6	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 7	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 8	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 11	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 12	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 13	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 14	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 15	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 16	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 17	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 18	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 24	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603
0	C 27	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 28	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 31	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 32	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 33	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 35	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 36	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 37	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 41	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 42	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 45	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 46	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 47	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 49	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 50	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 51	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 52	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 11	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 12	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 13	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 14	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 15	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 16	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 17	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 18	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 19	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 20	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 21	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 22	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 23	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 24	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 25	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 26	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 27	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 28	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 29	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DL 1	not used	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	IC 1	not used	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 2	not used	1 pce	CS8412	AES-Receiver
0	IC 3	not used	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 4	50.62.1165	1 pce	74HC165	8bit shift register
0	IC 5	50.62.1541	1 pce	74HC541	Octal buffer line driver/recei
0	IC 6	not used	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 7	50.06.0541	1 pce	74LS541	SN 74 LS 541 N
0	IC 8	50.06.0541	1 pce	74LS541	SN 74 LS 541 N
0	IC 9	50.61.0205	1 pce	TS272CD	Dual Op-Amp CMOS SO 8
0	IC 10	50.62.4946	1 pce	74HCT9046	PLL with bandgap contr VCO
0	IC 11	50.62.6014	1 pce	74ACT 14	Hex inverting Schmitt trigger
0	IC 12	not used	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 13	50.63.4210	1 pce	EPF10K10	PLD 10 000 gates
0	IC 14	1.940.985.20	1 pce		SW480 TDIFIN (50.63.4298)
0	IC 15	50.62.1541	1 pce	74HC541	Octal buffer line driver/recei
0	IC 16	not used	1 pce	DS34C87	4*RS 422 Line Driver
0	J 1	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 2	not used	1 pce	Jumper	0.63*0.63mm, Au
0	J 3	not used	1 pce	Jumper	0.63*0.63mm, Au
0	MP 1	1.940.480.11	1 pce		D19M TDIF IN PCB
0	MP 2	1.940.481.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 10	1.940.480.01	1 pce		FRONTPLATTE TDIF IN
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 15	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	49.02.0522	1 pce		Kartenhalter mit Z-Schr
0	MP 18	49.02.0522	1 pce		Kartenhalter mit Z-Schr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	not used	1 pce	15p	D-Sub, PCB, Winkel
0	P 2	not used	1 pce	16p	Stecker gerade Au
0	P 3	not used	1 pce	15p	D-Sub, PCB, Winkel
0	P 4	not used	1 pce	16p	Stecker gerade Au
0	P 5	not used	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	R 1	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 2	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 3	not used	1 pce	100k	MF, 1%, 0204, E24
0	R 4	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 5	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 6	57.69.1097	1 pce	10k	CF 5% 0603
0	R 7	57.69.1097	1 pce	10k	CF 5% 0603
0	R 8	57.69.1097	1 pce	10k	CF 5% 0603
0	R 9	57.69.1097	1 pce	10k	CF 5% 0603
0	R 10	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 11	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 12	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 13	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 14	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 15	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 16	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 17	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 18	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 19	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 20	57.69.1097	1 pce	10k	CF 5% 0603
0	R 21	57.69.1097	1 pce	10k	CF 5% 0603
0	R 22	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 23	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 24	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 25	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 26	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 27	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 28	57.92.7053	1 pce	1.6A	PTC 30V
0	R 29	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 30	not used	1 pce	2k2	MF, 1%, 0204, E24
0	R 31	not used	1 pce	10k	CF 5% 0603
0	R 32	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 33	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 34	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 35	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 36	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 37	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 38	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 39	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 40	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 41	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 42	57.69.1097	1 pce	10k	CF 5% 0603
0	R 43	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 44	not used	1 pce	2k2	MF, 1%, 0204, E24
0	R 45	57.69.1097	1 pce	10k	CF 5% 0603
0	R 46	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 47	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 48	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 49	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 50	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 51	not used	1 pce	27R	MF, 1%, 0204, E24

TDIFI, TDIF In 1.940.480.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 52	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 53	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 54	57.69.1097	1 pce	10k	CF 5% 0603
0	R 55	57.69.1097	1 pce	10k	CF 5% 0603
0	R 56	57.69.1097	1 pce	10k	CF 5% 0603
0	R 57	57.69.1097	1 pce	10k	CF 5% 0603
0	R 58	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 59	57.60.1562	1 pce	5k6	MF, 1%, 0204, E24
0	R 60	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	R 61	57.60.1183	1 pce	18k	MF, 1%, 0204, E24
0	R 62	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 63	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 64	57.69.1097	1 pce	10k	CF 5% 0603
0	R 65	57.69.1097	1 pce	10k	CF 5% 0603
0	R 66	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 67	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 68	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 69	not used	1 pce	2k2	MF, 1%, 0204, E24
0	R 70	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 71	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 72	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 73	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 74	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 75	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 76	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 77	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 78	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 79	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 80	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 81	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 82	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 83	57.60.1473	1 pce	47k	MF, 1%, 0204, E24
0	R 84	57.69.1097	1 pce	10k	CF 5% 0603
0	R 85	57.69.1097	1 pce	10k	CF 5% 0603
0	R 86	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 87	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 88	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 89	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 90	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 91	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 92	57.60.1000	1 pce	0R0	MF, 0204
0	R 93	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 94	not used	1 pce	2k2	MF, 1%, 0204, E24
0	R 95	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 96	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 97	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 98	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 99	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 100	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 101	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 102	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 103	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 104	not used	1 pce	22R	MF, 1%, 0204, E24
0	S 1	55.01.0164	1 pce	4*a	DIL-Switch, PCB
0	T 1	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 6	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 8	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 9	not used	1 pce	1:1	DI/DO TRANSFORMER
0	TP 1	54.33.6010	1 pce	2.8*0.8	PCB-Flachstecker, gerade
0	XDL 2	50.20.2501	1 pce	Spacer	LED-Sockel
0	XIC 13	53.03.2284	1 pce	84p	PLCC-Socket
0	XIC 14	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

End of List

TDIFI, TDIF In with AES Out 1.940.481.20 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 11	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 12	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 16	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 17	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 18	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 24	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603
0	C 27	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 28	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 31	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 32	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 33	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 35	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 36	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 37	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 41	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 42	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 46	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 47	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 49	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 50	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 52	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 11	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 12	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 13	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 14	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 15	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 16	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 17	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 18	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 19	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 20	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 21	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 22	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 23	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 24	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 25	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 26	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 27	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 28	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 29	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 2	not used	1 pce	HLMP1790	DL HLMP - 1790 GN
0	IC 1	50.62.0464	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 2	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 3	50.62.0463	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 4	50.62.1165	1 pce	74HC165	8bit shift register
0	IC 5	50.62.1541	1 pce	74HC541	Octal buffer line driver/recei
0	IC 6	50.62.0464	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 7	50.06.0541	1 pce	74LS541	SN 74 LS 541 N
0	IC 8	50.06.0541	1 pce	74LS541	SN 74 LS 541 N
0	IC 9	50.61.0205	1 pce	TS272CD	Dual Op-Amp CMOS SO 8
0	IC 10	50.62.4946	1 pce	74HCT9046	PLL with bandgap contr VCO
0	IC 11	50.62.6014	1 pce	74ACT 14	Hex inverting Schmitt trigger
0	IC 12	50.62.0464	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 13	50.63.4210	1 pce	EPF10K10	PLD 10 000 gates
0	IC 14	1.940.985.20	1 pce		SW480 TDIFIN (50.63.4298)
0	IC 15	50.62.1541	1 pce	74HC541	Octal buffer line driver/recei
0	IC 16	50.62.0464	1 pce	DS34C87	4*RS 422 Line Driver
0	J 1	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 2	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 3	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	MP 1	1.940.480.11	1 pce		D19M TDIF IN PCB
0	MP 2	1.940.481.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 10	1.940.481.01	1 pce		FRONTPLATTE TDIF IN/AES OUT
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	not used	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 15	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	49.02.0522	1 pce		Kartenhalter mit Z-Schr
0	MP 18	not used	1 pce		Kartenhalter mit Z-Schr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
1	MP 20	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
1	MP 21	24.16.2025	4 pcs	2.7/5.5	Fächerscheibe Form A
0	P 1	54.13.0077	1 pce	15p	D-Sub, PCB, Winkel
0	P 2	not used	1 pce	16p	Stecker gerade Au
0	P 3	54.13.0077	1 pce	15p	D-Sub, PCB, Winkel
0	P 4	not used	1 pce	16p	Stecker gerade Au
0	P 5	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	R 1	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 2	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 3	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 4	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 5	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 6	57.69.1097	1 pce	10k	CF 5% 0603
0	R 7	57.69.1097	1 pce	10k	CF 5% 0603
0	R 8	57.69.1097	1 pce	10k	CF 5% 0603
0	R 9	57.69.1097	1 pce	10k	CF 5% 0603
0	R 10	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 11	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 12	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 13	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 14	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 15	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 16	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 17	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 18	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 19	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 20	57.69.1097	1 pce	10k	CF 5% 0603
0	R 21	57.69.1097	1 pce	10k	CF 5% 0603
0	R 22	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 23	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 24	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 25	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 26	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 27	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 28	57.92.7053	1 pce	1.6A	PTC 30V
0	R 29	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 30	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 31	57.69.1097	1 pce	10k	CF 5% 0603
0	R 32	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 33	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 34	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 35	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 36	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 37	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 38	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 39	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 40	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 41	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 42	57.69.1097	1 pce	10k	CF 5% 0603
0	R 43	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 44	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 45	57.69.1097	1 pce	10k	CF 5% 0603
0	R 46	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 47	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 48	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 49	57.60.1103	1 pce	10k	MF, 1%, 0204, E24

TDIFI, TDIF In with AES Out 1.940.481.20 (1)

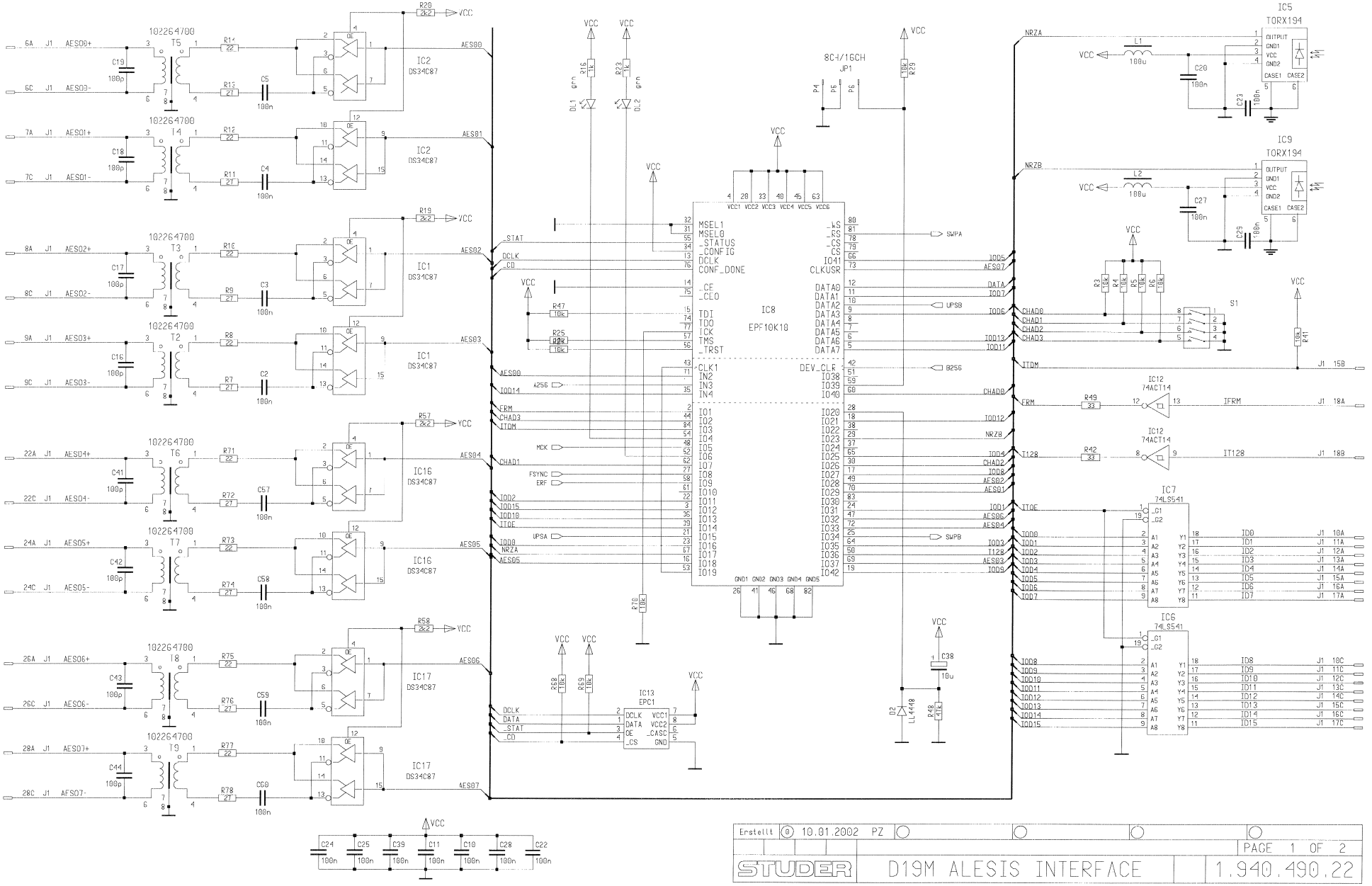
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 50	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 51	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 52	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 53	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 54	57.69.1097	1 pce	10k	CF 5% 0603
0	R 55	57.69.1097	1 pce	10k	CF 5% 0603
0	R 56	57.69.1097	1 pce	10k	CF 5% 0603
0	R 57	57.69.1097	1 pce	10k	CF 5% 0603
0	R 58	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 59	57.60.1562	1 pce	5k6	MF, 1%, 0204, E24
0	R 60	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	R 61	57.60.1183	1 pce	18k	MF, 1%, 0204, E24
0	R 62	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 63	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 64	57.69.1097	1 pce	10k	CF 5% 0603
0	R 65	57.69.1097	1 pce	10k	CF 5% 0603
0	R 66	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 67	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 68	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 69	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 70	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 71	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 72	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 73	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 74	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 75	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 76	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 77	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 78	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 79	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 80	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 81	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 82	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 83	57.60.1473	1 pce	47k	MF, 1%, 0204, E24
0	R 84	57.69.1097	1 pce	10k	CF 5% 0603
0	R 85	57.69.1097	1 pce	10k	CF 5% 0603
0	R 86	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 87	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 88	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 89	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 90	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 91	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 92	not used	1 pce	0R0	MF, 0204
0	R 93	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 94	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 95	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 96	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 97	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 98	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 99	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 100	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 101	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 102	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 103	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 104	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	S 1	55.01.0164	1 pce	4*a	DIL-Switch, PCB
0	T 1	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 6	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 8	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 9	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	TP 1	54.33.6010	1 pce	2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501	1 pce	Spacer	LED-Sockel
0	XIC 13	53.03.2284	1 pce	84p	PLCC-Socket
0	XIC 14	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

End of List

(01) Additionally MP20 and MP21

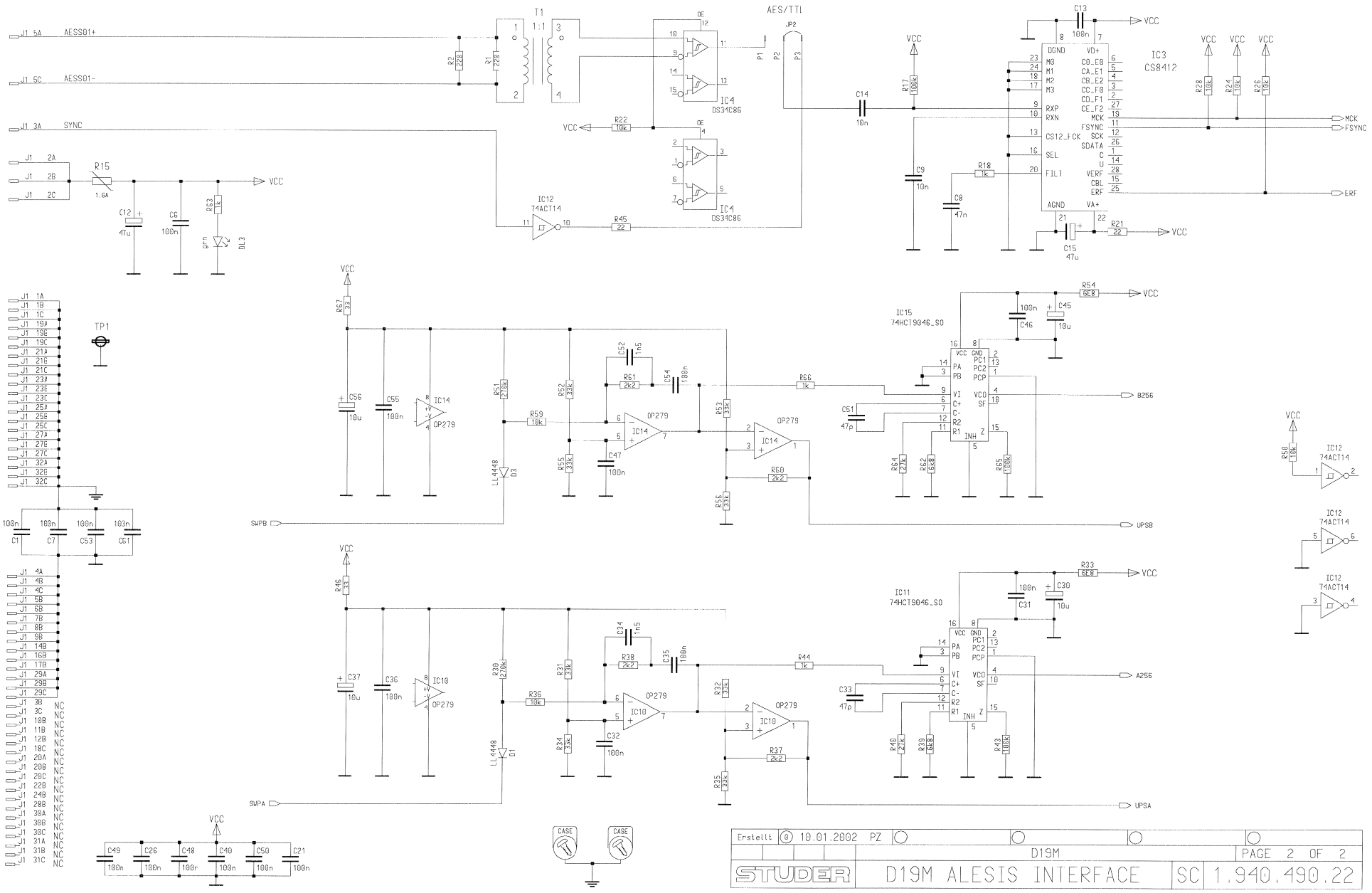
ADATII, ADAT Interface 1.940.490.22 (0); ADAT Interface w. AES Out 1.940.491.22 (0)



Erstellt	10.01.2002	PZ	PAGE 1 OF 2	
STUDER	D19M ALESIS INTERFACE		1.940.490.22	

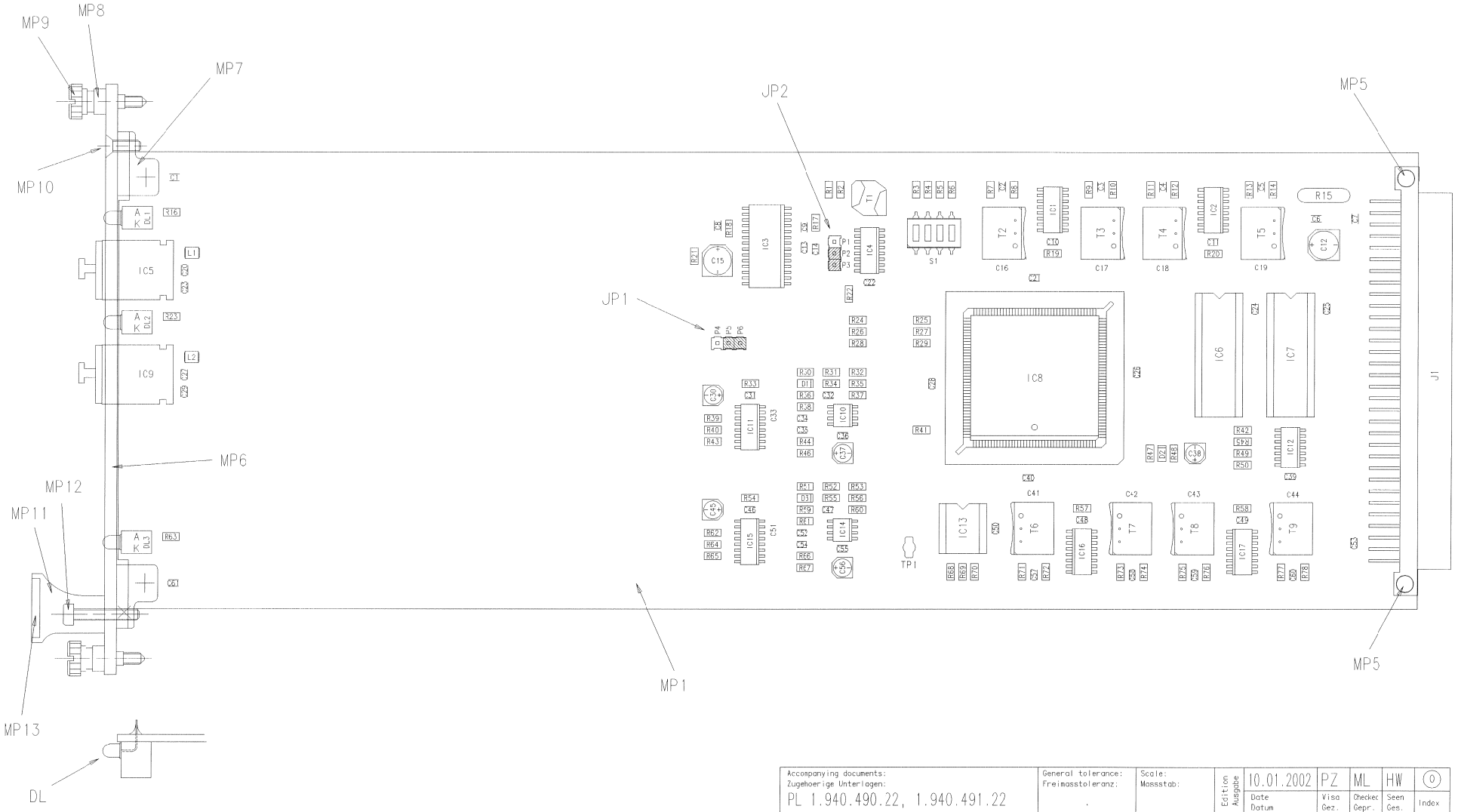
Date printed: 01.10.02

ADATII, ADAT Interface 1.940.490.22 (0); ADAT Interface w. AES Out 1.940.491.22 (0)



Erstellt	0	10.01.2002	PZ			
				D19M		PAGE 2 OF 2
STUDER		D19M ALESIS INTERFACE			SC	1.940.490.22

ADATII, ADAT Interface 1.940.490.22 (0); ADAT Interface w. AES Out 1.940.491.22 (0)



Accompanying documents: Zugehoerige Unterlagen: PL 1.940.490.22, 1.940.491.22	General tolerance: Freimasstoleranz: .	Scale: Massstab:	Edition Ausgabe	10.01.2002 Date Datum	PZ Visa Gez.	ML Checkec Gepr.	HW Seen Ges.	0 Index
Substitute for: Ersatz fuer: .				Page: Seite: 1 / 1				
STUDER REGENSDORF	Description: Benennung: D19M ALESIS INTERFACE, ESE			Number: Nummer: 1.940.490.22				

Date printed: 01.10.02

ADATI, ADAT Interface 1.940.490.22 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 3	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 8	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 9	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 12	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 13	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 14	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 15	not used	1 pce	47u	EL 16V, 6.3*5.7
0	C 16	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 17	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 18	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 19	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 20	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 30	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 31	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603
0	C 34	59.60.3315	1 pce	1n5	CER 50V, 10%, X7R, 0805
0	C 35	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 36	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 37	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 38	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 39	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 41	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 42	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 43	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 44	not used	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 45	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 46	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 47	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 49	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603
0	C 52	59.60.3315	1 pce	1n5	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 56	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 57	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 58	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 59	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 60	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 61	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 3	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	IC 1	not used	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 2	not used	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 3	not used	1 pce	CS8412	AES-Receiver
0	IC 4	not used	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 5	89.10.0131	1 pce	TORX194	Toslink Receiver
0	IC 6	50.06.0541	1 pce	74LS541	SN 74 LS 541 N
0	IC 7	50.06.0541	1 pce	74LS541	SN 74 LS 541 N
0	IC 8	50.63.4210	1 pce	EPF10K10	PLD 10 000 gates
0	IC 9	89.10.0131	1 pce	TORX194	Toslink Receiver
0	IC 10	50.61.0203	1 pce	OP279	Dual Op-Amp single supply
0	IC 11	50.62.4946	1 pce	74HCT9046	PLL with bandgap contr VCO
0	IC 12	50.62.6014	1 pce	74ACT 14	Hex inverting Schmitt trigger
0	IC 13	1.940.956.20	1 pce		SW490 PADATI (50.63.4298)
0	IC 14	50.61.0203	1 pce	OP279	Dual Op-Amp single supply
0	IC 15	50.62.4946	1 pce	74HCT9046	PLL with bandgap contr VCO
0	IC 16	not used	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 17	not used	1 pce	DS34C87	4*RS 422 Line Driver
0	J 1	54.11.2009	1 pce	96p	EU-R 3*32p
0	JP 1	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
1	JP 2	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	L 1	62.60.0125	1 pce	100uH	SMD 10% 1210
0	L 2	62.60.0125	1 pce	100uH	SMD 10% 1210
0	MP 1	1.940.490.12	1 pce		D19M ALESIS Interface PCB
0	MP 2	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 3	1.940.490.04	1 pce		TYPENSCHILD
0	MP 4	1.101.001.22	1 pce		TEXT-ETIK. 5*20 HARDWARE -22
0	MP 5	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 6	1.940.490.01	1 pce		FRONTPLATTE ALESIS
0	MP 7	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 8	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 9	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 10	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 11	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 12	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 13	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	P 1	not used	1 pce	1p	Pin, 1reihig, gerade
0	P 2	not used	1 pce	1p	Pin, 1reihig, gerade
0	P 3	not used	1 pce	1p	Pin, 1reihig, gerade
0	P 4	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 5	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 6	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	R 1	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 2	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 3	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 4	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 5	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 6	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 7	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 8	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 9	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 10	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 11	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 12	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 13	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 14	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 15	57.92.7053	1 pce	1.6A	PTC 30V
0	R 16	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 17	not used	1 pce	100k	MF, 1%, 0204, E24
0	R 18	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 19	not used	1 pce	2k2	MF, 1%, 0204, E24
0	R 20	not used	1 pce	2k2	MF, 1%, 0204, E24
0	R 21	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 22	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 23	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 24	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 25	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 26	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 27	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 28	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 29	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 30	57.60.1274	1 pce	270k	MF, 1%, 0204, E24
0	R 31	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 32	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 33	57.60.1689	1 pce	6R8	MF, 1%, 0204, E24
0	R 34	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 35	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 36	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 37	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 38	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 39	57.60.1682	1 pce	6k8	MF, 1%, 0204, E24
0	R 40	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0	R 41	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 42	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 43	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 44	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 45	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 46	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 47	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 48	57.60.1473	1 pce	47k	MF, 1%, 0204, E24
0	R 49	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 50	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 51	57.60.1274	1 pce	270k	MF, 1%, 0204, E24
0	R 52	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 53	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 54	57.60.1689	1 pce	6R8	MF, 1%, 0204, E24
0	R 55	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 56	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 57	not used	1 pce	2k2	MF, 1%, 0204, E24
0	R 58	not used	1 pce	2k2	MF, 1%, 0204, E24
0	R 59	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 60	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 61	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 62	57.60.1682	1 pce	6k8	MF, 1%, 0204, E24
0	R 63	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 64	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0	R 65	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 66	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24

ADATI, ADAT Interface 1.940.490.22 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 67	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 68	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 69	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 70	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 71	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 72	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 73	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 74	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 75	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 76	not used	1 pce	27R	MF, 1%, 0204, E24
0	R 77	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 78	not used	1 pce	27R	MF, 1%, 0204, E24
0	S 1	55.60.0104	1 pce	4p	SMD DIL-Switch
0	T 1	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 2	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 6	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 8	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 9	not used	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 2	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 3	50.20.2501	1 pce	Spacer	LED-Sockel
0	XIC 8	53.03.2284	1 pce	84p	PLCC-Socket
0	XIC 13	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

(01) JP2 Jumper is used

ADATI, ADAT Interface w. AES Out 1.940.491.22 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 12	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 13	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 15	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 16	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 17	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 18	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 19	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 20	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 30	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 31	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603
0	C 34	59.60.3315	1 pce	1n5	CER 50V, 10%, X7R, 0805
0	C 35	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 36	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 37	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 38	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 39	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 41	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 42	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 43	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 44	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 45	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 46	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 47	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 49	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603
0	C 52	59.60.3315	1 pce	1n5	CER 50V, 10%, X7R, 0805
0	C 53	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 54	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 56	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 57	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 58	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 59	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 60	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 61	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 3	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	IC 1	50.62.0464	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 2	50.62.0464	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 3	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 4	50.62.0463	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 5	89.10.0131	1 pce	TORX194	Toslink Receiver
0	IC 6	50.06.0541	1 pce	74LS541	SN 74 LS 541 N
0	IC 7	50.06.0541	1 pce	74LS541	SN 74 LS 541 N
0	IC 8	50.63.4210	1 pce	EPF10K10	PLD 10 000 gates
0	IC 9	89.10.0131	1 pce	TORX194	Toslink Receiver
0	IC 10	50.61.0203	1 pce	OP279	Dual Op-Amp single supply
0	IC 11	50.62.4946	1 pce	74HCT9046	PLL with bandgap contr VCO
0	IC 12	50.62.6014	1 pce	74ACT 14	Hex inverting Schmitt trigger
0	IC 13	1.940.956.20	1 pce		SW490 PADATI (50.63.4298)
0	IC 14	50.61.0203	1 pce	OP279	Dual Op-Amp single supply
0	IC 15	50.62.4946	1 pce	74HCT9046	PLL with bandgap contr VCO
0	IC 16	50.62.0464	1 pce	DS34C87	4*RS 422 Line Driver
0	IC 17	50.62.0464	1 pce	DS34C87	4*RS 422 Line Driver
0	J 1	54.11.2009	1 pce	96p	EU-R 3*32p
0	JP 1	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	JP 2	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	L 1	62.60.0125	1 pce	100uH	SMD 10% 1210
0	L 2	62.60.0125	1 pce	100uH	SMD 10% 1210
0	MP 1	1.940.490.12	1 pce		D19M ALESIS Interface PCB
0	MP 2	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 3	1.940.490.04	1 pce		TYPENSCHILD
0	MP 4	1.101.001.22	1 pce		TEXT-ETIK. 5*20 HARDWARE -22
0	MP 5	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	MP 6	1.940.490.01	1 pce		FRONTPLATTE ALESIS
0	MP 7	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 8	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 9	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 10	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 11	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 12	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 13	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	P 1	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 2	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 3	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 4	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 5	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 6	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	R 1	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 2	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 3	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 4	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 5	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 6	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 7	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 8	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 9	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 10	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 11	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 12	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 13	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 14	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 15	57.92.7053	1 pce	1.6A	PTC 30V
0	R 16	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 17	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 18	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 19	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 20	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 21	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 22	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 23	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 24	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 25	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 26	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 27	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 28	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 29	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 30	57.60.1274	1 pce	270k	MF, 1%, 0204, E24
0	R 31	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 32	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 33	57.60.1689	1 pce	6R8	MF, 1%, 0204, E24
0	R 34	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 35	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 36	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 37	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 38	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 39	57.60.1682	1 pce	6k8	MF, 1%, 0204, E24
0	R 40	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0	R 41	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 42	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 43	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 44	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 45	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 46	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 47	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 48	57.60.1473	1 pce	47k	MF, 1%, 0204, E24
0	R 49	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 50	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 51	57.60.1274	1 pce	270k	MF, 1%, 0204, E24
0	R 52	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 53	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 54	57.60.1689	1 pce	6R8	MF, 1%, 0204, E24
0	R 55	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 56	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 57	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 58	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 59	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 60	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 61	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 62	57.60.1682	1 pce	6k8	MF, 1%, 0204, E24
0	R 63	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 64	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0	R 65	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 66	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24

ADATI, ADAT Interface w. AES Out 1.940.491.22 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 67	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 68	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 69	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 70	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 71	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 72	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 73	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 74	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 75	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 76	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 77	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 78	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	S 1	55.60.0104	1 pce	4p	SMD DIL-Switch
0	T 1	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 2	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 6	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 7	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 8	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	T 9	1.022.647.00	1 pce	1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 2	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 3	50.20.2501	1 pce	Spacer	LED-Sockel
0	XIC 8	53.03.2284	1 pce	84p	PLCC-Socket
0	XIC 13	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

CIRCUIT DIAGRAMS: D19m OUTPUT INTERFACE CARDS

C4DA Board 1.940.570

C4DA/24/96 Board 1.940.571

AESO Board 1.940.585

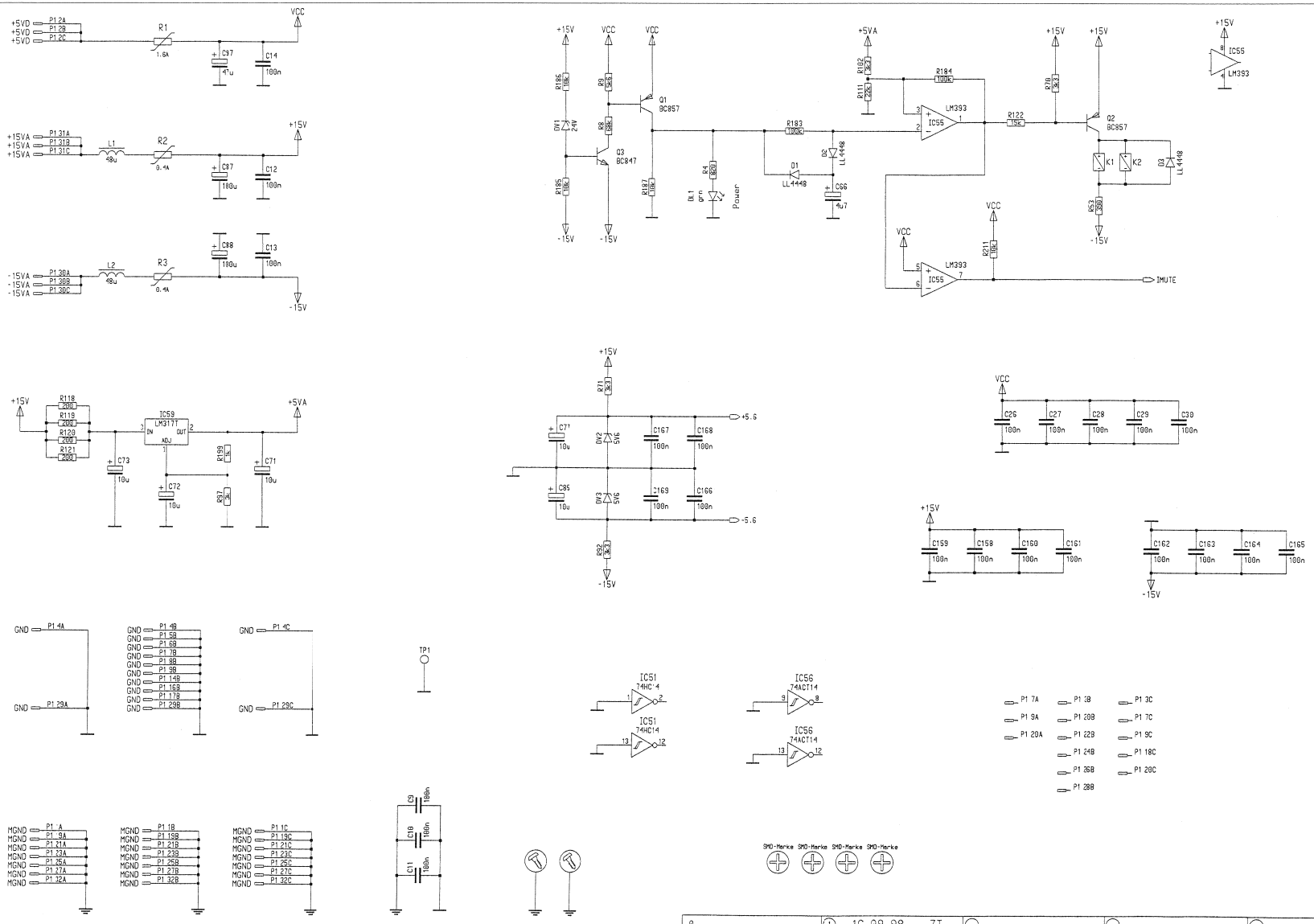
Block Diagram MADO. 1.940.520/1.940.530
MADO Coaxial 1.940.520
MADO Optical 1.940.530

MADO Optical 1.940.531
MADO Optical 1.940.532

TDIFO Board 1.940.485
TDIFO with AES In 1.940.486

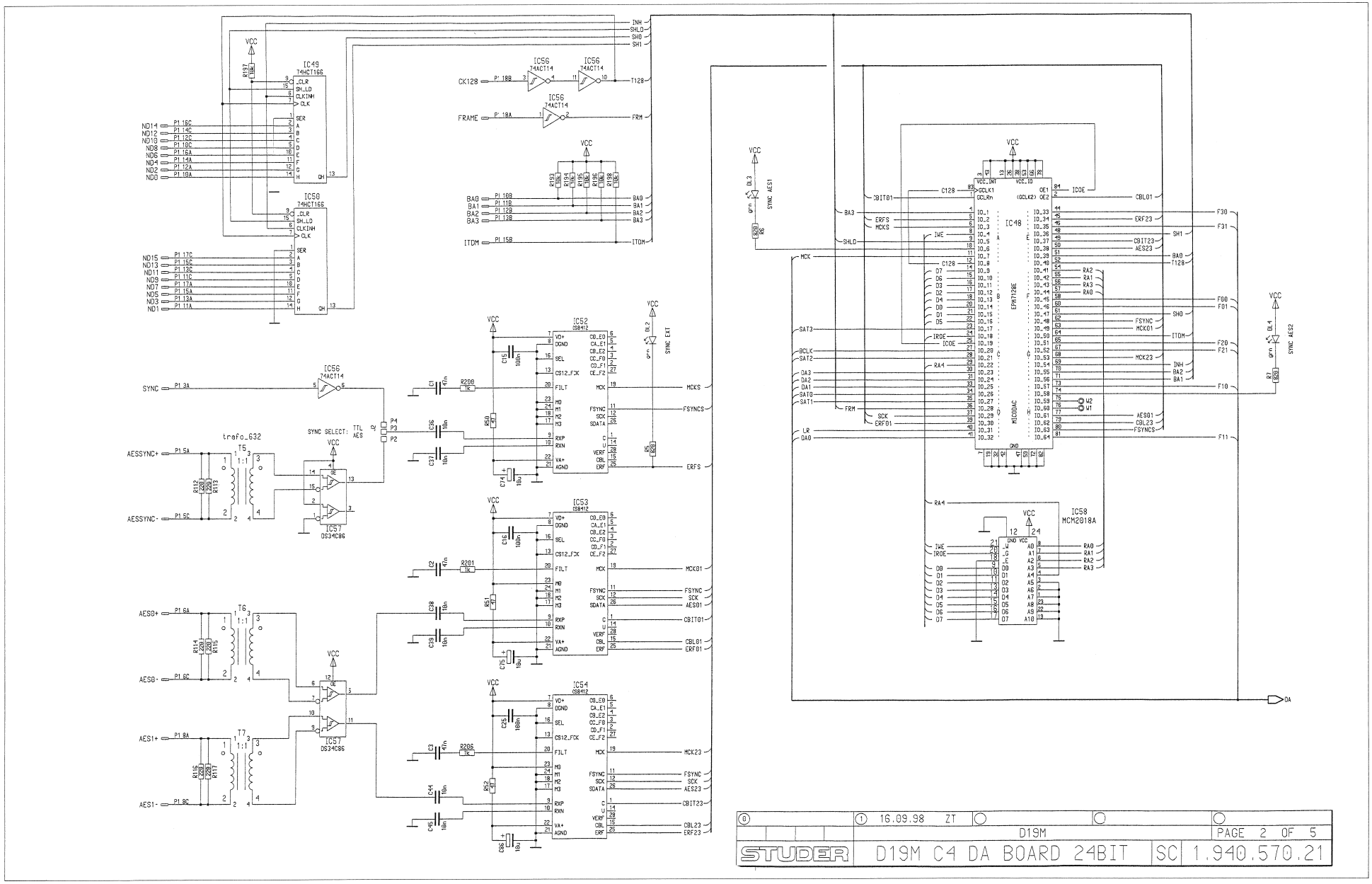
ADATO Interface 1.940.495
ADATO Interface with AES In 1.940.496

D19m C4 DA Board 24 Bit 1.940.570.21



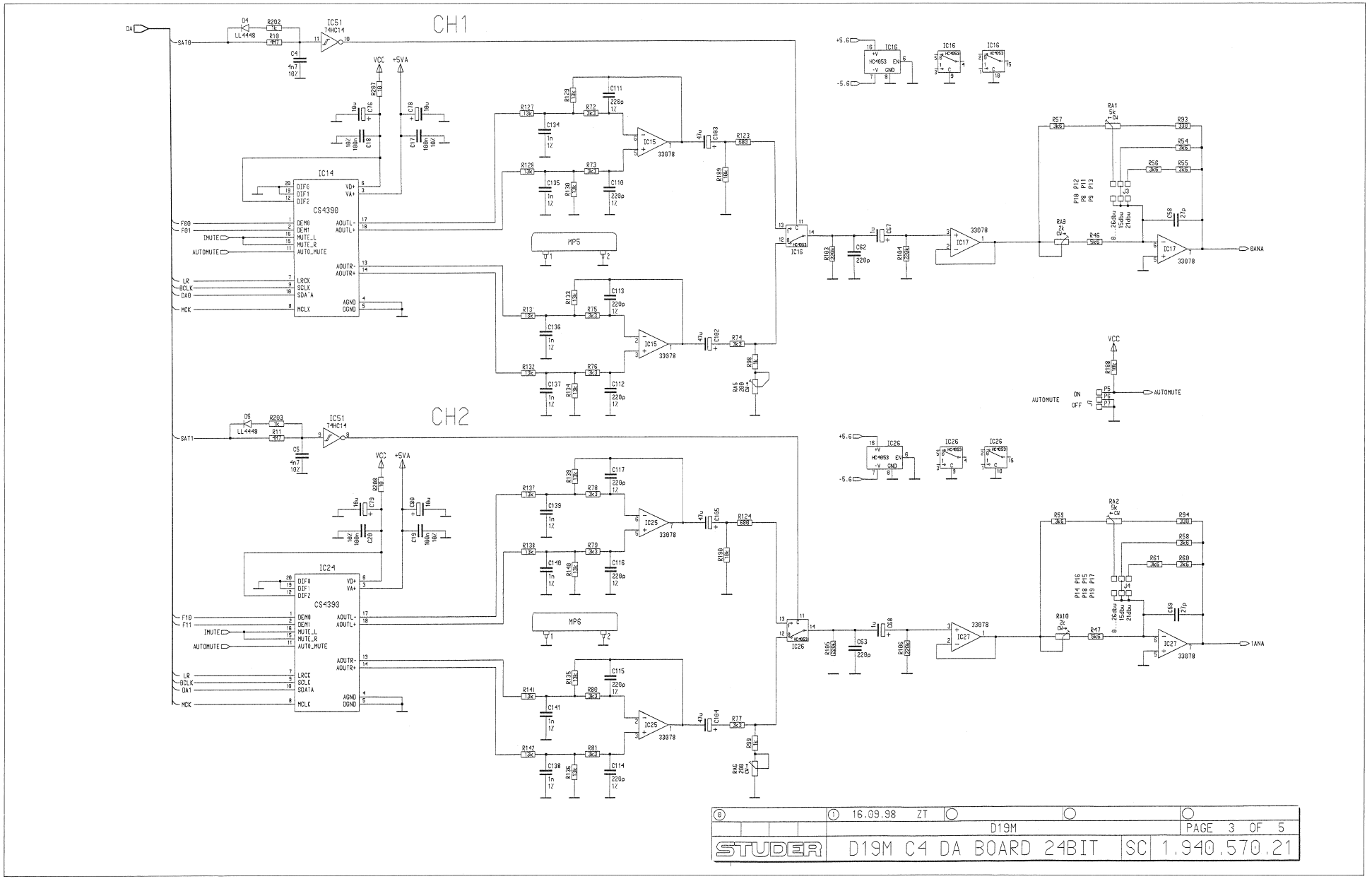
0	1 16.09.98 ZT		
	D19M		PAGE 1 OF 5
STUDER	D19M C4 DA BOARD 24BIT	SC	1.940.570.21

D19m C4 DA Board 24 Bit 1.940.570.21

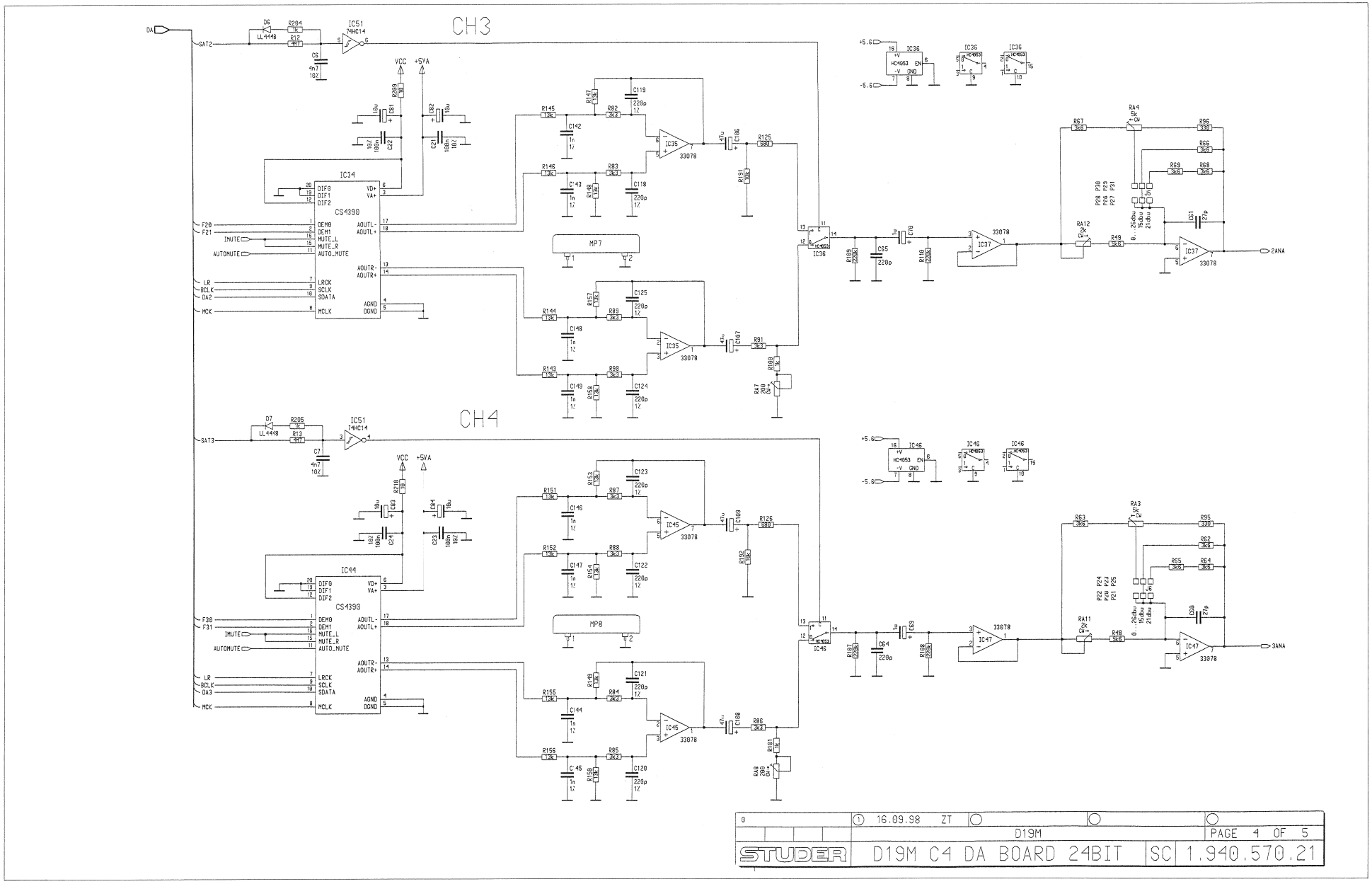


0	1 16.09.98 ZT				
	D19M				PAGE 2 OF 5
STUDER	D19M C4 DA BOARD 24BIT		SC	1.940.570.21	

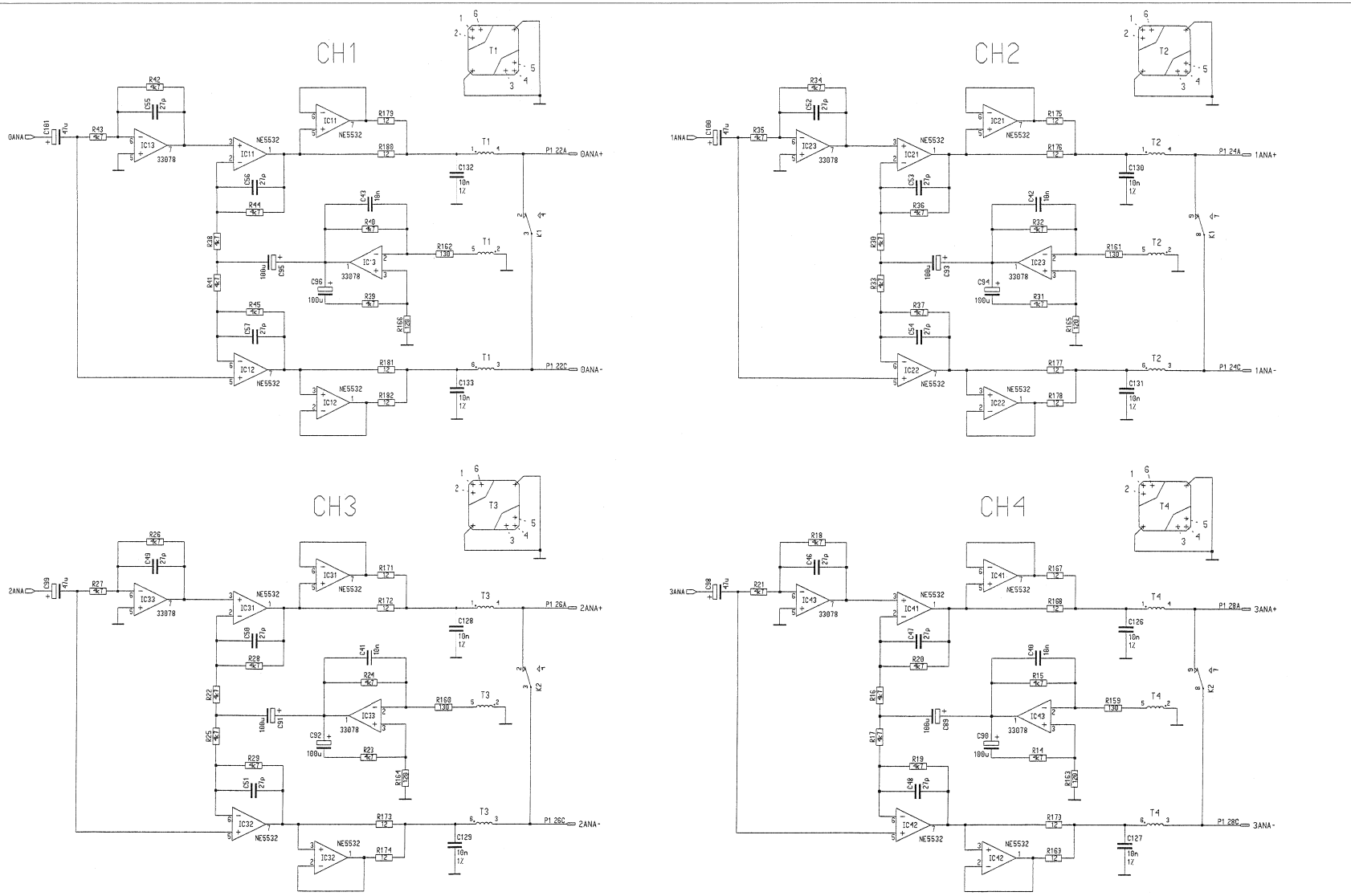
D19m C4 DA Board 24 Bit 1.940.570.21



D19m C4 DA Board 24 Bit 1.940.570.21

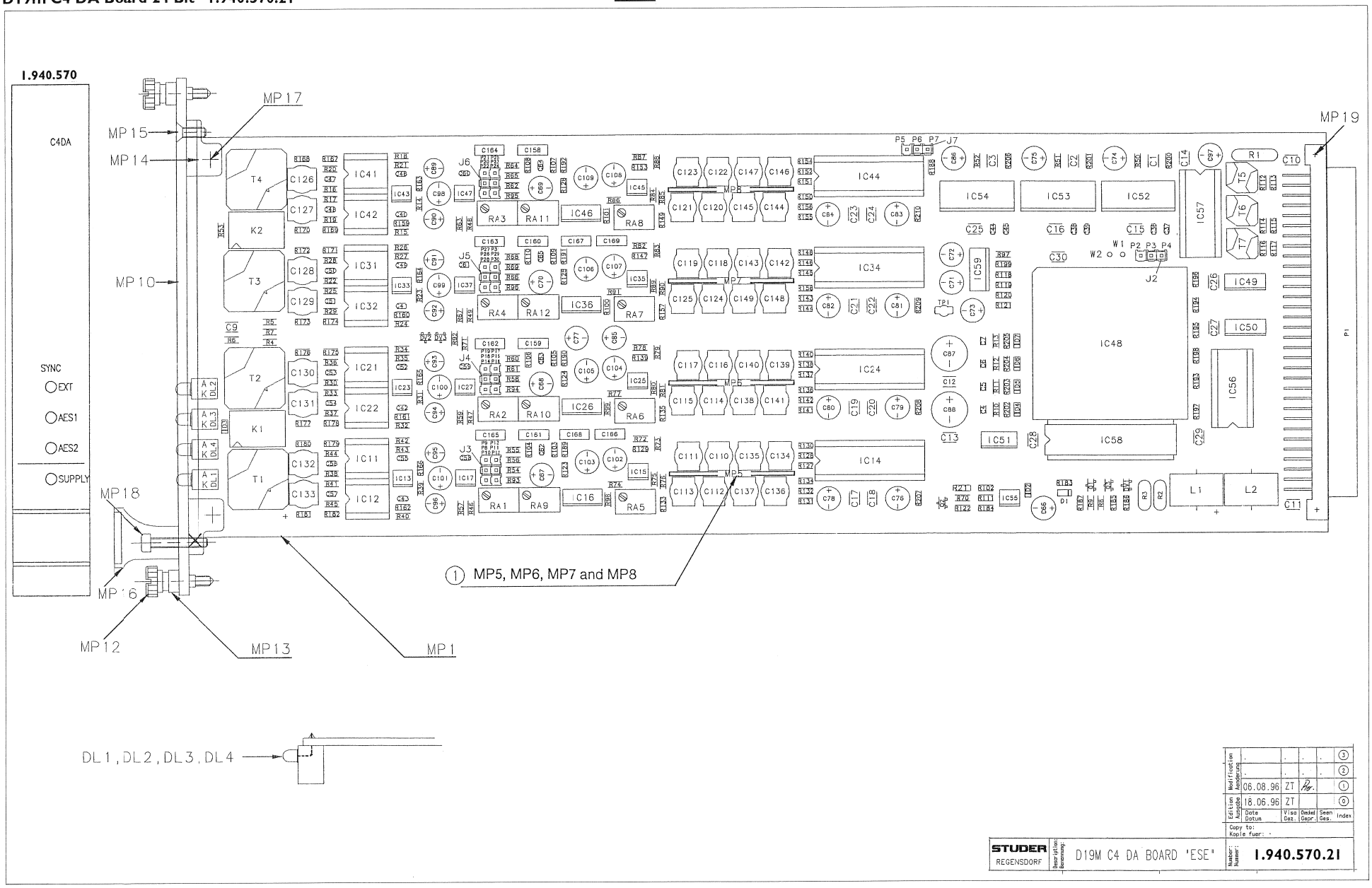


D19m C4 DA Board 24 Bit 1.940.570.21



0	① 16.09.98 ZT			
	D19M			PAGE 5 OF 5
STUDER	D19M C4 DA BOARD 24BIT		SC	1.940.570.21

D19m C4 DA Board 24 Bit 1.940.570.21



Edition / Ausgabe	Modification / Aenderung					
		.	.	.	.	3
		.	.	.	.	2
	06.08.96	ZT				1
	18.06.96	ZT				0
Edition / Ausgabe	Date / Datum	Visa / Ges.	Dsaded / Gepr.	Seen / Ges.	Index	

Copy to: / Kopie fuer: .

STUDER REGENSDORF | Description: / Benennung: D19M C4 DA BOARD 'ESE' | Number: / Nummer: **1.940.570.21**

D19m C4 DA Board 24 Bit 1.940.570.21

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.1473		47n	CER 10%, X7R, 1210
0	C 2	59.60.1473		47n	CER 10%, X7R, 1210
0	C 3	59.60.1473		47n	CER 10%, X7R, 1210
0	C 4	59.60.1472		4n7	CER 10%, X7R, 0805
0	C 5	59.60.1472		4n7	CER 10%, X7R, 0805
0	C 6	59.60.1472		4n7	CER 10%, X7R, 0805
0	C 7	59.60.1472		4n7	CER 10%, X7R, 0805
0	C 9	59.60.1104		100n	CER 10%, X7R, 1210
0	C 10	59.60.1104		100n	CER 10%, X7R, 1210
0	C 11	59.60.1104		100n	CER 10%, X7R, 1210
0	C 12	59.60.1104		100n	CER 10%, X7R, 1210
0	C 13	59.60.1104		100n	CER 10%, X7R, 1210
0	C 14	59.60.1104		100n	CER 10%, X7R, 1210
0	C 15	59.60.1104		100n	CER 10%, X7R, 1210
0	C 16	59.60.1104		100n	CER 10%, X7R, 1210
0	C 17	59.60.1104		100n	CER 10%, X7R, 1210
0	C 18	59.60.1104		100n	CER 10%, X7R, 1210
0	C 19	59.60.1104		100n	CER 10%, X7R, 1210
0	C 20	59.60.1104		100n	CER 10%, X7R, 1210
0	C 21	59.60.1104		100n	CER 10%, X7R, 1210
0	C 22	59.60.1104		100n	CER 10%, X7R, 1210
0	C 23	59.60.1104		100n	CER 10%, X7R, 1210
0	C 24	59.60.1104		100n	CER 10%, X7R, 1210
0	C 25	59.60.1104		100n	CER 10%, X7R, 1210
0	C 26	59.60.1104		100n	CER 10%, X7R, 1210
0	C 27	59.60.1104		100n	CER 10%, X7R, 1210
0	C 28	59.60.1104		100n	CER 10%, X7R, 1210
0	C 29	59.60.1104		100n	CER 10%, X7R, 1210
0	C 30	59.60.1104		100n	CER 10%, X7R, 1210
0	C 36	59.60.1103		10n	CER 10%, X7R, 0805
0	C 37	59.60.1103		10n	CER 10%, X7R, 0805
0	C 38	59.60.1103		10n	CER 10%, X7R, 0805
0	C 39	59.60.1103		10n	CER 10%, X7R, 0805
0	C 40	59.60.1103		10n	CER 10%, X7R, 0805
0	C 41	59.60.1103		10n	CER 10%, X7R, 0805
0	C 42	59.60.1103		10n	CER 10%, X7R, 0805
0	C 43	59.60.1103		10n	CER 10%, X7R, 0805
0	C 44	59.60.1103		10n	CER 10%, X7R, 0805
0	C 45	59.60.1103		10n	CER 10%, X7R, 0805
0	C 46	59.60.0270		27p	CER 5%, C0G, 0805
0	C 47	59.60.0270		27p	CER 5%, C0G, 0805
0	C 48	59.60.0270		27p	CER 5%, C0G, 0805
0	C 49	59.60.0270		27p	CER 5%, C0G, 0805
0	C 50	59.60.0270		27p	CER 5%, C0G, 0805
0	C 51	59.60.0270		27p	CER 5%, C0G, 0805
0	C 52	59.60.0270		27p	CER 5%, C0G, 0805
0	C 53	59.60.0270		27p	CER 5%, C0G, 0805
0	C 54	59.60.0270		27p	CER 5%, C0G, 0805
0	C 55	59.60.0270		27p	CER 5%, C0G, 0805
0	C 56	59.60.0270		27p	CER 5%, C0G, 0805
0	C 57	59.60.0270		27p	CER 5%, C0G, 0805
0	C 58	59.60.0270		27p	CER 5%, C0G, 0805
0	C 59	59.60.0270		27p	CER 5%, C0G, 0805
0	C 60	59.60.0270		27p	CER 5%, C0G, 0805
0	C 61	59.60.0270		27p	CER 5%, C0G, 0805
0	C 62	59.60.0221		220p	CER 5%, C0G, 0805
0	C 63	59.60.0221		220p	CER 5%, C0G, 0805
0	C 64	59.60.0221		220p	CER 5%, C0G, 0805
0	C 65	59.60.0221		220p	CER 5%, C0G, 0805
0	C 66	59.22.8479		4u7	EL 50V, 20%, rad RM5
0	C 67	59.22.8109		1u	EL 50V, 20%, rad RM5
0	C 68	59.22.8109		1u	EL 50V, 20%, rad RM5
0	C 69	59.22.8109		1u	EL 50V, 20%, rad RM5
0	C 70	59.22.8109		1u	EL 50V, 20%, rad RM5
0	C 71	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 72	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 73	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 74	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 75	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 76	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 77	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 78	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 79	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 80	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 81	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 82	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 83	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 84	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 85	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 86	59.22.6100		10u	EL 35V, 20%, rad RM5
0	C 87	59.22.5101		100u	EL 25V, 20%, rad RM5
0	C 88	59.22.5101		100u	EL 25V, 20%, rad RM5
0	C 89	59.22.4002		100uF	EL 16V, 20%, rad RM5
0	C 90	59.22.4002		100uF	EL 16V, 20%, rad RM5
0	C 91	59.22.4002		100uF	EL 16V, 20%, rad RM5
0	C 92	59.22.4002		100uF	EL 16V, 20%, rad RM5
0	C 93	59.22.4002		100uF	EL 16V, 20%, rad RM5
0	C 94	59.22.4002		100uF	EL 16V, 20%, rad RM5
0	C 95	59.22.4002		100uF	EL 16V, 20%, rad RM5
0	C 96	59.22.4002		100uF	EL 16V, 20%, rad RM5
0	C 97	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 98	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 99	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 100	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 101	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 102	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 103	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 104	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 105	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 106	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 107	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 108	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 109	59.22.3470		47u	EL 10V, 20%, rad RM5
0	C 110	59.05.1221		220p	PP, 1%, 630V
0	C 111	59.05.1221		220p	PP, 1%, 630V
0	C 112	59.05.1221		220p	PP, 1%, 630V
0	C 113	59.05.1221		220p	PP, 1%, 630V
0	C 114	59.05.1221		220p	PP, 1%, 630V
0	C 115	59.05.1221		220p	PP, 1%, 630V
0	C 116	59.05.1221		220p	PP, 1%, 630V
0	C 117	59.05.1221		220p	PP, 1%, 630V
0	C 118	59.05.1221		220p	PP, 1%, 630V
0	C 119	59.05.1221		220p	PP, 1%, 630V
0	C 120	59.05.1221		220p	PP, 1%, 630V
0	C 121	59.05.1221		220p	PP, 1%, 630V
0	C 122	59.05.1221		220p	PP, 1%, 630V
0	C 123	59.05.1221		220p	PP, 1%, 630V
0	C 124	59.05.1221		220p	PP, 1%, 630V
0	C 125	59.05.1221		220p	PP, 1%, 630V
0	C 126	59.05.1103		10n	PP, 1%, 63V
0	C 127	59.05.1103		10n	PP, 1%, 63V
0	C 128	59.05.1103		10n	PP, 1%, 63V
0	C 129	59.05.1103		10n	PP, 1%, 63V
0	C 130	59.05.1103		10n	PP, 1%, 63V
0	C 131	59.05.1103		10n	PP, 1%, 63V
0	C 132	59.05.1103		10n	PP, 1%, 63V
0	C 133	59.05.1103		10n	PP, 1%, 63V
0	C 134	59.05.1102		1n	PP, 1%, 630V
0	C 135	59.05.1102		1n	PP, 1%, 630V
0	C 136	59.05.1102		1n	PP, 1%, 630V
0	C 137	59.05.1102		1n	PP, 1%, 630V
0	C 138	59.05.1102		1n	PP, 1%, 630V
0	C 139	59.05.1102		1n	PP, 1%, 630V
0	C 140	59.05.1102		1n	PP, 1%, 630V
0	C 141	59.05.1102		1n	PP, 1%, 630V
0	C 142	59.05.1102		1n	PP, 1%, 630V
0	C 143	59.05.1102		1n	PP, 1%, 630V
0	C 144	59.05.1102		1n	PP, 1%, 630V
0	C 145	59.05.1102		1n	PP, 1%, 630V
0	C 146	59.05.1102		1n	PP, 1%, 630V
0	C 147	59.05.1102		1n	PP, 1%, 630V
0	C 148	59.05.1102		1n	PP, 1%, 630V
0	C 149	59.05.1102		1n	PP, 1%, 630V
0	C 158	59.06.0104		100n	PETP, 10%, 63V
0	C 159	59.06.0104		100n	PETP, 10%, 63V
0	C 160	59.06.0104		100n	PETP, 10%, 63V
0	C 161	59.06.0104		100n	PETP, 10%, 63V
0	C 162	59.06.0104		100n	PETP, 10%, 63V
0	C 163	59.06.0104		100n	PETP, 10%, 63V
0	C 164	59.06.0104		100n	PETP, 10%, 63V
0	C 165	59.06.0104		100n	PETP, 10%, 63V
0	C 166	59.06.0104		100n	PETP, 10%, 63V
0	C 167	59.06.0104		100n	PETP, 10%, 63V
0	C 168	59.06.0104		100n	PETP, 10%, 63V
0	C 169	59.06.0104		100n	PETP, 10%, 63V
0	D 1	50.60.8001		4448	D LL 4448 SOD 80
0	D 2	50.60.8001		4448	D LL 4448 SOD 80
0	D 3	50.60.8001		4448	D LL 4448 SOD 80
0	D 4	50.60.8001		4448	D LL 4448 SOD 80
0	D 5	50.60.8001		4448	D LL 4448 SOD 80
0	D 6	50.60.8001		4448	D LL 4448 SOD 80
0	D 7	50.60.8001		4448	D LL 4448 SOD 80

D19m C4 DA Board 24 Bit 1.940.570.21

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 3	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 4	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DV 1	50.60.9026		24V	5%, 0.2W, SOT 23
0	DV 2	50.60.9011		5V6	5%, 0.2W, SOT 23
0	DV 3	50.60.9011		5V6	5%, 0.2W, SOT 23
0	IC 11	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 12	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 13	50.61.0204		MC33078	IC MC 33078 P
0	IC 14	50.19.0114		D/A Conv	IC CS 4329-KP,
0	IC 15	50.61.0204		MC33078	IC MC 33078 P
0	IC 16	50.62.8053		HC4053	IC .. 74 HC 4053 . ,A
0	IC 17	50.61.0204		MC33078	IC MC 33078 P
0	IC 21	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 22	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 23	50.61.0204		MC33078	IC MC 33078 P
0	IC 24	50.19.0114		D/A Conv	IC CS 4329-KP,
0	IC 25	50.61.0204		MC33078	IC MC 33078 P
0	IC 26	50.62.8053		HC4053	IC .. 74 HC 4053 . ,A
0	IC 27	50.61.0204		MC33078	IC MC 33078 P
0	IC 31	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 32	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 33	50.61.0204		MC33078	IC MC 33078 P
0	IC 34	50.19.0114		D/A Conv	IC CS 4329-KP,
0	IC 35	50.61.0204		MC33078	IC MC 33078 P
0	IC 36	50.62.8053		HC4053	IC .. 74 HC 4053 . ,A
0	IC 37	50.61.0204		MC33078	IC MC 33078 P
0	IC 41	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 42	50.09.0106		5532AN	IC NE 5532 AN, NE 5532 AN, ,A
0	IC 43	50.61.0204		MC33078	IC MC 33078 P
0	IC 44	50.19.0114		D/A Conv	IC CS 4329-KP,
0	IC 45	50.61.0204		MC33078	IC MC 33078 P
0	IC 46	50.62.8053		HC4053	IC .. 74 HC 4053 . ,A
0	IC 47	50.61.0204		MC33078	IC MC 33078 P
0	IC 48	1.940.970.20			SW 570 MICODAC (50.63.4205)
0	IC 49	50.62.3166		74HCT166	.. 74 HCT 166 .
0	IC 50	50.62.3166		74HCT166	.. 74 HCT 166 .
0	IC 51	50.62.1014		74HC 14	IC .. 74 HC 14 . ,A
0	IC 52	50.62.0913		CS8412	AES-Receiver
0	IC 53	50.62.0913		CS8412	AES-Receiver
0	IC 54	50.62.0913		CS8412	AES-Receiver
0	IC 55	50.61.9001			IC LM 393 D,LM 393
0	IC 56	50.17.7014		ACT14	.. 74 ACT 14 .
0	IC 57	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 58	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A
0	IC 59	50.10.0104		LM317SP	IC LM 317 SP, ..T,
0	J 2	54.01.0021		Jumper	0.63 * 0.63mm
0	J 3	54.01.0021		Jumper	0.63 * 0.63mm
0	J 4	54.01.0021		Jumper	0.63 * 0.63mm
0	J 5	54.01.0021		Jumper	0.63 * 0.63mm
0	J 6	54.01.0021		Jumper	0.63 * 0.63mm
0	J 7	54.01.0021		Jumper	0.63 * 0.63mm
0	K 1	56.04.0197		2u	24V, 125V/2A, AG/AU
0	K 2	56.04.0197		2u	24V, 125V/2A, AG/AU
0	L 1	62.03.0010		48uH	L 48 U , 2 A, FILTER
0	L 2	62.03.0010		48uH	L 48 U , 2 A, FILTER
1	MP 1	1.940.570.12			D19M C4 DA BOARD PCB
0	MP 2	1.940.570.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20		Label	TEXT-ETIK. 5*20 HARDWARE -20
1	MP 5	1.940.570.02			Abschirmblech
1	MP 6	1.940.570.02			Abschirmblech
1	MP 7	1.940.570.02			Abschirmblech
1	MP 8	1.940.570.02			Abschirmblech
0	MP 10	1.940.570.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs		Z - SCHR. IS , ZN , M2.5 * 6
0	MP 18	21.53.0284	1 pce		Z - SCHR. IS , ZN , M2.5 * 16
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	P 1	54.11.2009	1 pce	96p	EU-R 3*32p
0	P 2	54.01.0020	1 pce	1p	Pin 0.63*0.63
0	P 3	54.01.0020	1 pce	1p	Pin 0.63*0.63
0	P 4	54.01.0020	1 pce	1p	Pin 0.63*0.63
0	P 5	54.01.0020	1 pce	1p	Pin 0.63*0.63
0	P 6	54.01.0020	1 pce	1p	Pin 0.63*0.63
0	P 7	54.01.0020	1 pce	1p	Pin 0.63*0.63
0	P 8	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	P 9	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 10	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 11	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 12	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 13	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 14	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	P 15	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 16	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 17	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 18	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 19	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 20	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	P 21	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 22	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 23	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 24	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 25	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 26	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	P 27	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 28	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 29	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 30	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	P 31	54.01.0020	0 pce	1p	Pin 0.63*0.63
0	Q 1	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	Q 2	50.60.1001		BC857B	PNP 45V 100mA SOT 23
0	Q 3	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0	R 1	57.92.7053		1.6A	POLY- PTC, 30V
0	R 2	57.92.7019		0.4A	POLY- PTC, 60V
0	R 3	57.92.7019		0.4A	POLY- PTC, 60V
0	R 4	57.60.1821		820R	MF, 1%, 0204, E24
0	R 5	57.60.1821		820R	MF, 1%, 0204, E24
0	R 6	57.60.1821		820R	MF, 1%, 0204, E24
0	R 7	57.60.1821		820R	MF, 1%, 0204, E24
0	R 8	57.60.1683		68K	MF, 1%, 0204, E24
0	R 9	57.60.1562		5K6	MF, 1%, 0204, E24
0	R 10	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 11	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 12	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 13	57.60.1475		4M7	MF, 1%, 0204, E24
0	R 14	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 15	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 16	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 17	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 18	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 19	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 20	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 21	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 22	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 23	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 24	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 25	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 26	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 27	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 28	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 29	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 30	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 31	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 32	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 33	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 34	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 35	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 36	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 37	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 38	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 39	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 40	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 41	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 42	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 43	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 44	57.60.1472		4K7	MF, 1%, 0204, E24
0	R 45	57.60.1472		4K7	MF, 1%, 0204, E24
1	R 46	57.60.1562		5K6	MF, 1%, 0204, E24
1	R 47	57.60.1562		5K6	MF, 1%, 0204, E24

D19m C4 DA Board 24 Bit 1.940.570.21

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
1	R 48	57.60.1562		5K6	MF, 1%, 0204, E24
1	R 49	57.60.1562		5K6	MF, 1%, 0204, E24
0	R 50	57.60.1470		47R	MF, 1%, 0204, E24
0	R 51	57.60.1470		47R	MF, 1%, 0204, E24
0	R 52	57.60.1470		47R	MF, 1%, 0204, E24
0	R 53	57.60.1391		390R	MF, 1%, 0204, E24
0	R 54	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 55	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 56	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 57	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 58	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 59	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 60	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 61	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 62	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 63	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 64	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 65	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 66	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 67	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 68	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 69	57.60.1362		3K6	MF, 1%, 0204, E24
0	R 70	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 71	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 72	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 73	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 74	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 75	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 76	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 77	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 78	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 79	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 80	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 81	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 82	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 83	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 84	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 85	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 86	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 87	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 88	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 89	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 90	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 91	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 92	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 93	57.60.1331		330R	MF, 1%, 0204, E24
0	R 94	57.60.1331		330R	MF, 1%, 0204, E24
0	R 95	57.60.1331		330R	MF, 1%, 0204, E24
0	R 96	57.60.1331		330R	MF, 1%, 0204, E24
0	R 97	57.60.1302		3K0	MF, 1%, 0204, E24
0	R 98	57.60.1102		1K	MF, 1%, 0204, E24
0	R 99	57.60.1102		1K	MF, 1%, 0204, E24
0	R 100	57.60.1102		1K	MF, 1%, 0204, E24
0	R 101	57.60.1102		1K	MF, 1%, 0204, E24
0	R 102	57.60.1332		3K3	MF, 1%, 0204, E24
0	R 103	57.60.1224		220K	MF, 1%, 0204, E24
0	R 104	57.60.1224		220K	MF, 1%, 0204, E24
0	R 105	57.60.1224		220K	MF, 1%, 0204, E24
0	R 106	57.60.1224		220K	MF, 1%, 0204, E24
0	R 107	57.60.1224		220K	MF, 1%, 0204, E24
0	R 108	57.60.1224		220K	MF, 1%, 0204, E24
0	R 109	57.60.1224		220K	MF, 1%, 0204, E24
0	R 110	57.60.1224		220K	MF, 1%, 0204, E24
0	R 111	57.60.1223		22K	MF, 1%, 0204, E24
0	R 112	57.60.1221		220R	MF, 1%, 0204, E24
0	R 113	57.60.1221		220R	MF, 1%, 0204, E24
0	R 114	57.60.1221		220R	MF, 1%, 0204, E24
0	R 115	57.60.1221		220R	MF, 1%, 0204, E24
0	R 116	57.60.1221		220R	MF, 1%, 0204, E24
0	R 117	57.60.1221		220R	MF, 1%, 0204, E24
0	R 118	57.60.1201		200R	MF, 1%, 0204, E24
0	R 119	57.60.1201		200R	MF, 1%, 0204, E24
0	R 120	57.60.1201		200R	MF, 1%, 0204, E24
0	R 121	57.60.1201		200R	MF, 1%, 0204, E24
0	R 122	57.60.1153		15K	MF, 1%, 0204, E24
0	R 123	57.60.1681		680R	MF, 1%, 0204, E24
0	R 124	57.60.1681		680R	MF, 1%, 0204, E24
0	R 125	57.60.1681		680R	MF, 1%, 0204, E24
0	R 126	57.60.1681		680R	MF, 1%, 0204, E24
0	R 127	57.60.1133		13K	MF, 1%, 0204, E24
0	R 128	57.60.1133		13K	MF, 1%, 0204, E24
0	R 129	57.60.1133		13K	MF, 1%, 0204, E24
0	R 130	57.60.1133		13K	MF, 1%, 0204, E24
0	R 131	57.60.1133		13K	MF, 1%, 0204, E24
0	R 132	57.60.1133		13K	MF, 1%, 0204, E24
0	R 133	57.60.1133		13K	MF, 1%, 0204, E24
0	R 134	57.60.1133		13K	MF, 1%, 0204, E24
0	R 135	57.60.1133		13K	MF, 1%, 0204, E24
0	R 136	57.60.1133		13K	MF, 1%, 0204, E24
0	R 137	57.60.1133		13K	MF, 1%, 0204, E24
0	R 138	57.60.1133		13K	MF, 1%, 0204, E24
0	R 139	57.60.1133		13K	MF, 1%, 0204, E24
0	R 140	57.60.1133		13K	MF, 1%, 0204, E24
0	R 141	57.60.1133		13K	MF, 1%, 0204, E24
0	R 142	57.60.1133		13K	MF, 1%, 0204, E24
0	R 143	57.60.1133		13K	MF, 1%, 0204, E24
0	R 144	57.60.1133		13K	MF, 1%, 0204, E24
0	R 145	57.60.1133		13K	MF, 1%, 0204, E24
0	R 146	57.60.1133		13K	MF, 1%, 0204, E24
0	R 147	57.60.1133		13K	MF, 1%, 0204, E24
0	R 148	57.60.1133		13K	MF, 1%, 0204, E24
0	R 149	57.60.1133		13K	MF, 1%, 0204, E24
0	R 150	57.60.1133		13K	MF, 1%, 0204, E24
0	R 151	57.60.1133		13K	MF, 1%, 0204, E24
0	R 152	57.60.1133		13K	MF, 1%, 0204, E24
0	R 153	57.60.1133		13K	MF, 1%, 0204, E24
0	R 154	57.60.1133		13K	MF, 1%, 0204, E24
0	R 155	57.60.1133		13K	MF, 1%, 0204, E24
0	R 156	57.60.1133		13K	MF, 1%, 0204, E24
0	R 157	57.60.1133		13K	MF, 1%, 0204, E24
0	R 158	57.60.1133		13K	MF, 1%, 0204, E24
0	R 159	57.60.1131		130R	MF, 1%, 0204, E24
0	R 160	57.60.1131		130R	MF, 1%, 0204, E24
0	R 161	57.60.1131		130R	MF, 1%, 0204, E24
0	R 162	57.60.1131		130R	MF, 1%, 0204, E24
0	R 163	57.60.1121		120R	MF, 1%, 0204, E24
0	R 164	57.60.1121		120R	MF, 1%, 0204, E24
0	R 165	57.60.1121		120R	MF, 1%, 0204, E24
0	R 166	57.60.1121		120R	MF, 1%, 0204, E24
0	R 167	57.60.1120		12R	MF, 1%, 0204, E24
0	R 168	57.60.1120		12R	MF, 1%, 0204, E24
0	R 169	57.60.1120		12R	MF, 1%, 0204, E24
0	R 170	57.60.1120		12R	MF, 1%, 0204, E24
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0	R 177	57.60.1120		12R	MF, 1%, 0204, E24
0	R 178	57.60.1120		12R	MF, 1%, 0204, E24
0	R 179	57.60.1120		12R	MF, 1%, 0204, E24
0	R 180	57.60.1120		12R	MF, 1%, 0204, E24
0	R 181	57.60.1120		12R	MF, 1%, 0204, E24
0	R 182	57.60.1120		12R	MF, 1%, 0204, E24
0	R 183	57.60.1104		100K	MF, 1%, 0204, E24
0	R 184	57.60.1104		100K	MF, 1%, 0204, E24
0	R 185	57.60.1103		10K	MF, 1%, 0204, E24
0	R 186	57.60.1103		10K	MF, 1%, 0204, E24
0	R 187	57.60.1103		10K	MF, 1%, 0204, E24
0	R 188	57.60.1103		10K	MF, 1%, 0204, E24
0	R 189	57.60.1103		10K	MF, 1%, 0204, E24
0	R 190	57.60.1103		10K	MF, 1%, 0204, E24
0	R 191	57.60.1103		10K	MF, 1%, 0204, E24
0	R 192	57.60.1103		10K	MF, 1%, 0204, E24
0	R 193	57.60.1103		10K	MF, 1%, 0204, E24
0	R 194	57.60.1103		10K	MF, 1%, 0204, E24
0	R 195	57.60.1103		10K	MF, 1%, 0204, E24
0	R 196	57.60.1103		10K	MF, 1%, 0204, E24
0	R 197	57.60.1103		10K	MF, 1%, 0204, E24
0	R 198	57.60.1103		10K	MF, 1%, 0204, E24
0	R 199	57.60.1102		1K	MF, 1%, 0204, E24
0	R 200	57.60.1102		1K	MF, 1%, 0204, E24
0	R 201	57.60.1102		1K	MF, 1%, 0204, E24
0	R 202	57.60.1102		1K	MF, 1%, 0204, E24
0	R 203	57.60.1102		1K	MF, 1%, 0204, E24
0	R 204	57.60.1102		1K	MF, 1%, 0204, E24
0	R 205	57.60.1102		1K	MF, 1%, 0204, E24
0	R 206	57.60.1102		1K	MF, 1%, 0204, E24
0	R 207	57.60.1100		10R	MF, 1%, 0204, E24
0	R 208	57.60.1100		10R	MF, 1%, 0204, E24
0	R 209	57.60.1100		10R	MF, 1%, 0204, E24

D19m C4 DA Board 24 Bit 1.940.570.21

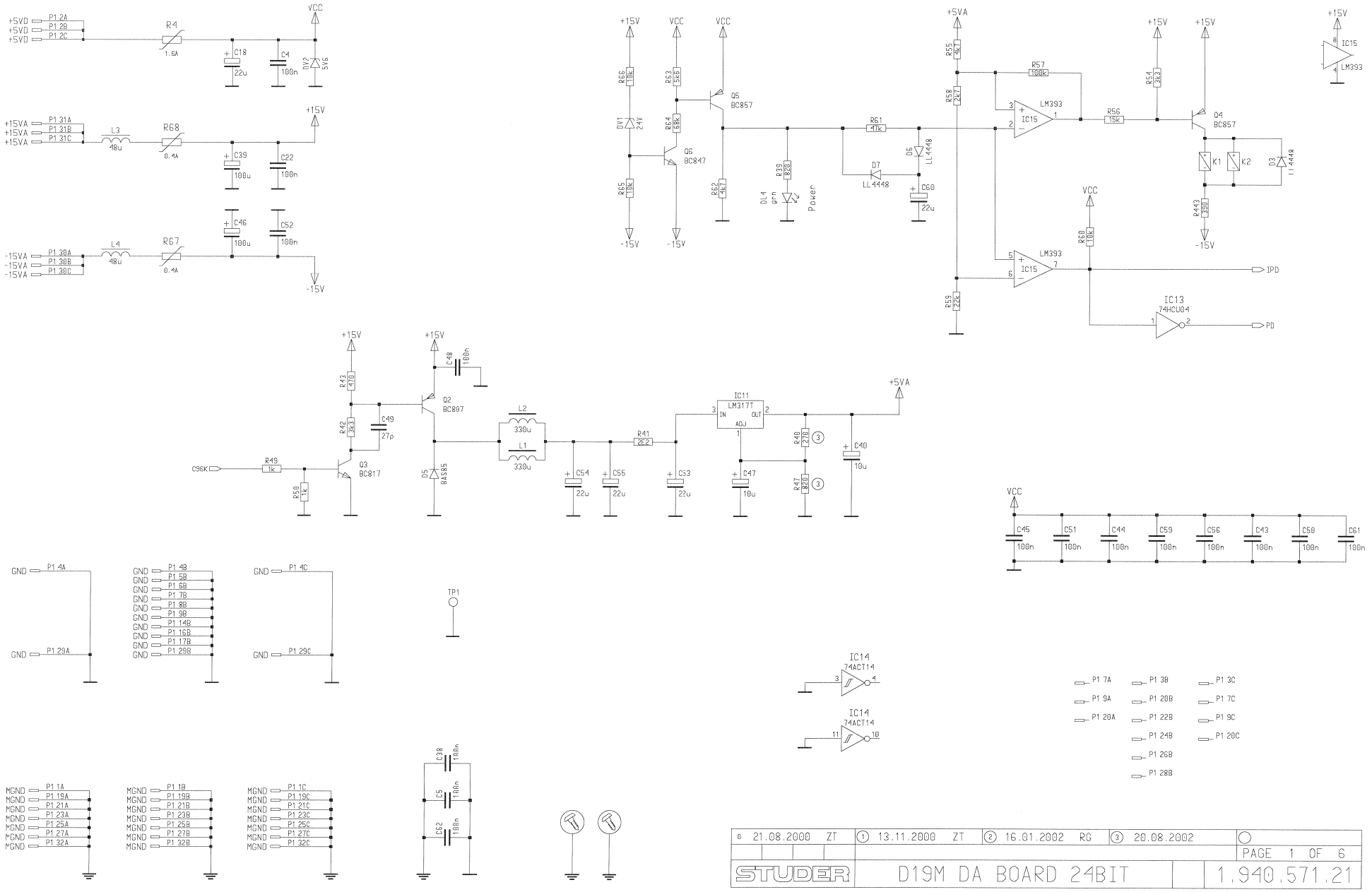
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 210	57.60.1100		10R	MF, 1%, 0204, E24
0	R 211	57.60.1103		10K	MF, 1%, 0204, E24
0	RA 1	58.05.1502		5k	10%, 0.5W, Cermet
0	RA 2	58.05.1502		5k	10%, 0.5W, Cermet
0	RA 3	58.05.1502		5k	10%, 0.5W, Cermet
0	RA 4	58.05.1502		5k	10%, 0.5W, Cermet
0	RA 5	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 6	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 7	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 8	58.05.1201		200R	10%, 0.5W, Cermet
0	RA 9	58.05.1202		2k	10%, 0.5W, Cermet
0	RA 10	58.05.1202		2k	10%, 0.5W, Cermet
0	RA 11	58.05.1202		2k	10%, 0.5W, Cermet
0	RA 12	58.05.1202		2k	10%, 0.5W, Cermet
0	T 1	1.022.275.00			TRIFILARTRAFO OUTPUT
0	T 2	1.022.275.00			TRIFILARTRAFO OUTPUT
0	T 3	1.022.275.00			TRIFILARTRAFO OUTPUT
0	T 4	1.022.275.00			TRIFILARTRAFO OUTPUT
0	T 5	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 6	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 7	1.022.632.00		1:1	DI/DO TRANSFORMER
0	TP 1	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XDL 3	50.20.2501		Spacer	LED-Sockel
0	XDL 4	50.20.2501		Spacer	LED-Sockel
0	XIC 11	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 12	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 21	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 22	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 31	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 32	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 41	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 42	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 48	53.03.2284		XIC PLCC84	XIC PLCC 84 PIN

End of List

Comments

Wertanpassung von R46,R47,R48 und R49

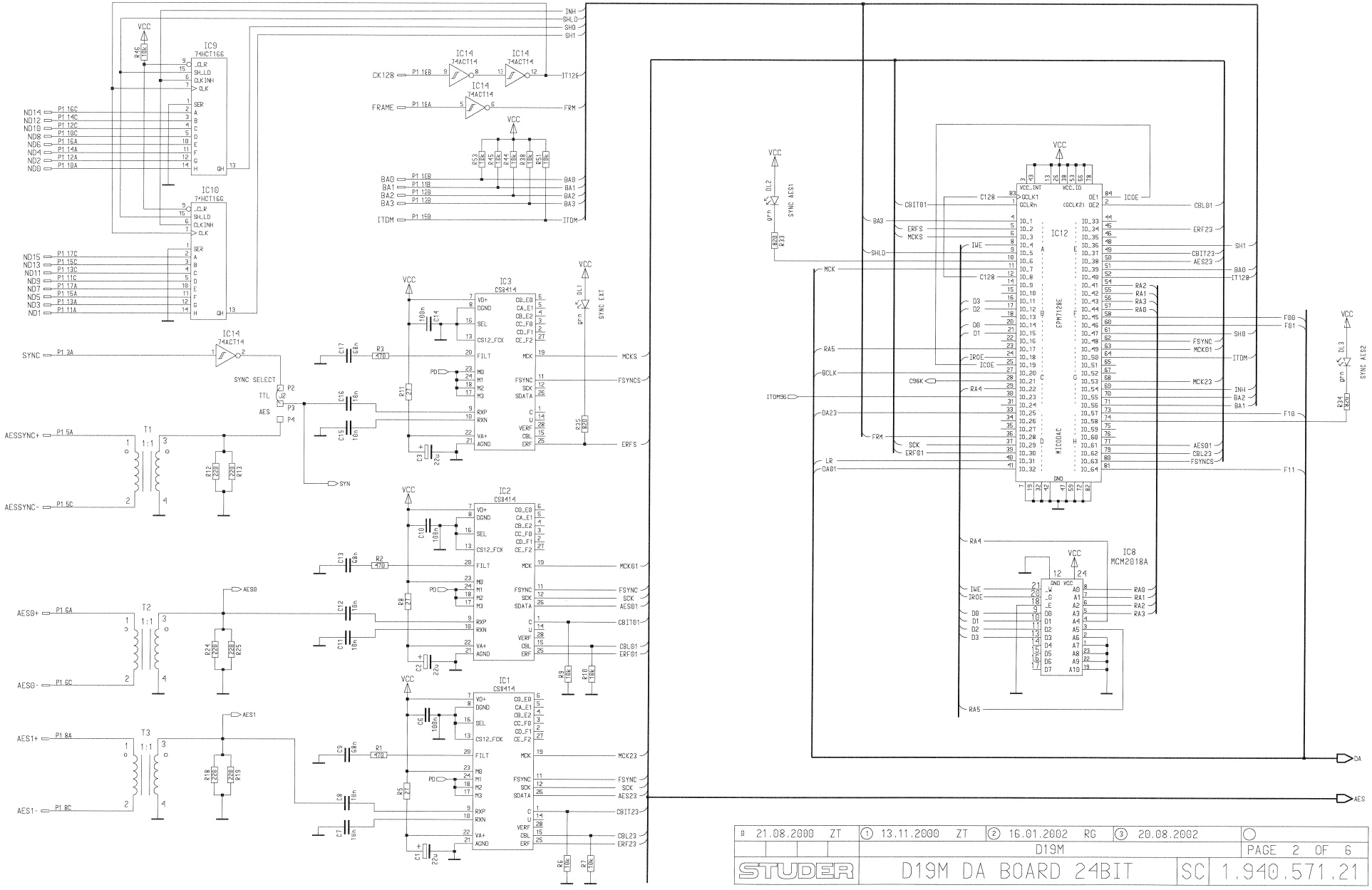
C4DA/24/96, 24 Bit D/A 1.940.571.21 (3)



0 21.08.2000 ZT	1 13.11.2000 ZT	2 16.01.2002 RG	3 20.08.2002	
				PAGE 1 OF 6
STUDER	D19M DA BOARD 24BIT			1.940.571.21

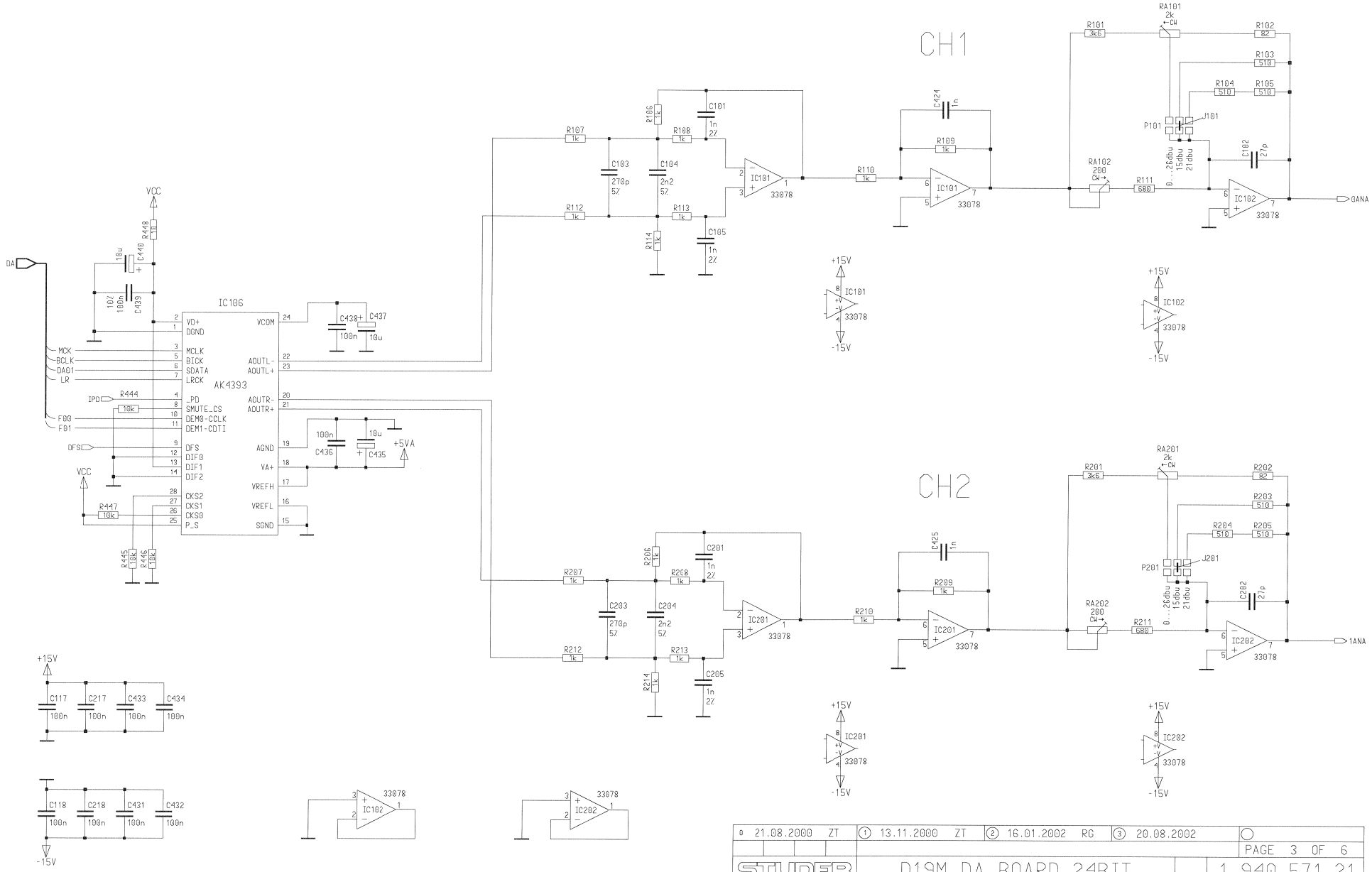
Date printed: 01.10.02

C4DA/24/96, 24 Bit D/A 1.940.571.21 (3)



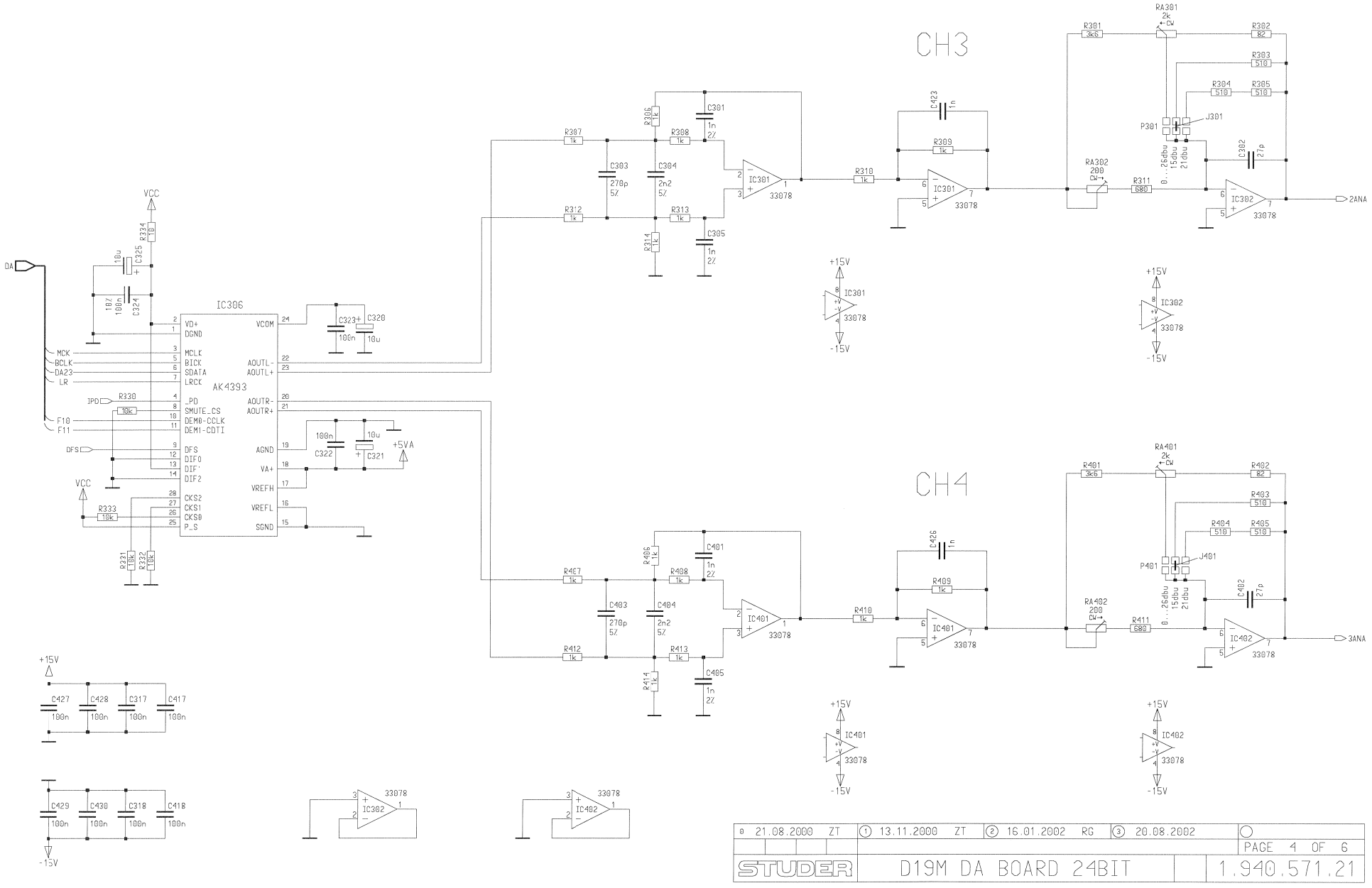
D 21.08.2000 ZT	1 13.11.2000 ZT	2 16.01.2002 RG	3 20.08.2002	
	D19M			PAGE 2 OF 6
STUDER	D19M DA BOARD 24BIT		SC	1.940.571.21

C4DA/24/96, 24 Bit D/A 1.940.571.21 (3)

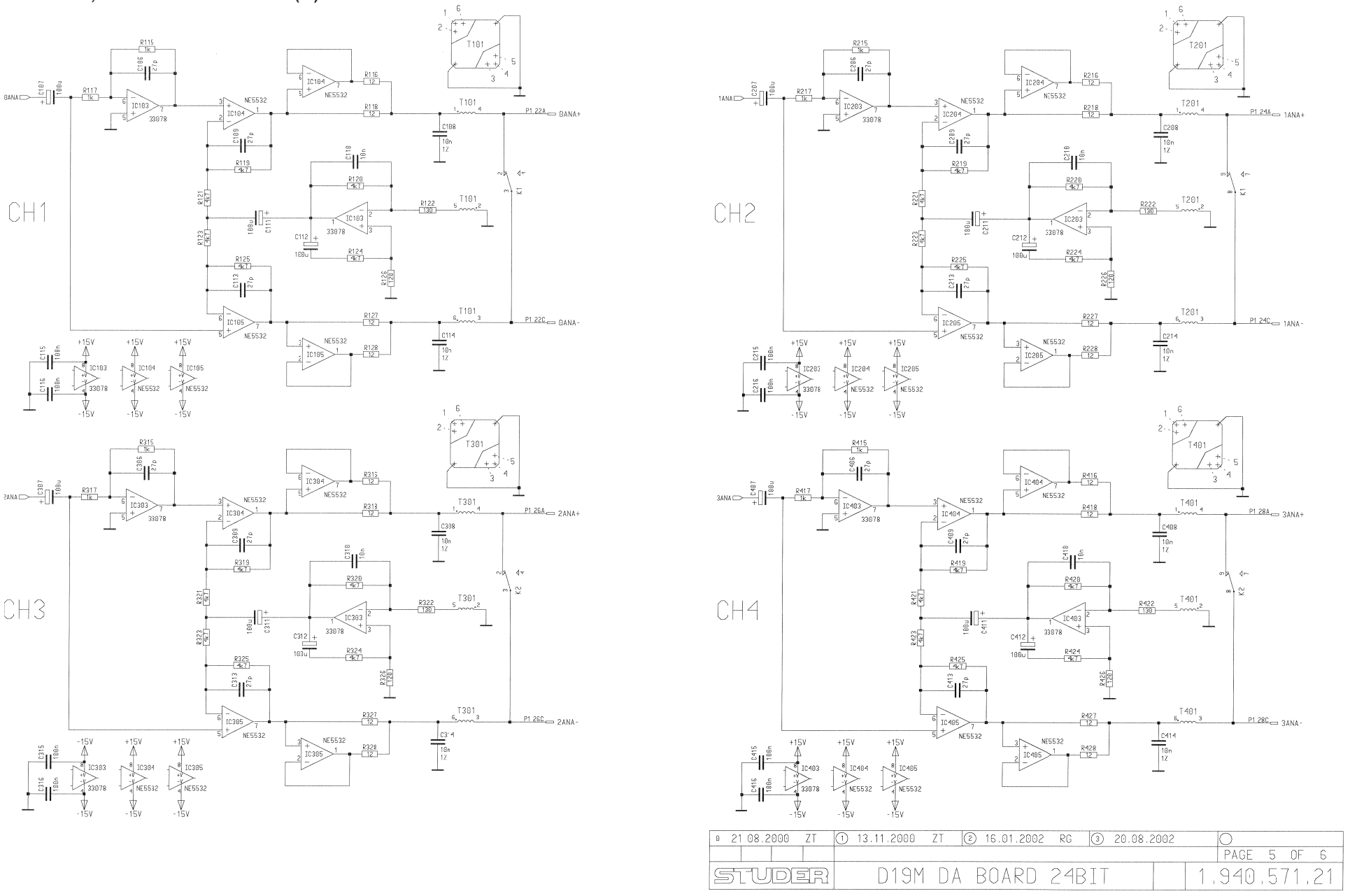


0 21.08.2000 ZT	1 13.11.2000 ZT	2 16.01.2002 RG	3 20.08.2002	
				PAGE 3 OF 6
STUDER	D19M DA BOARD 24BIT			1.940.571.21

C4DA/24/96, 24 Bit D/A 1.940.571.21 (3)



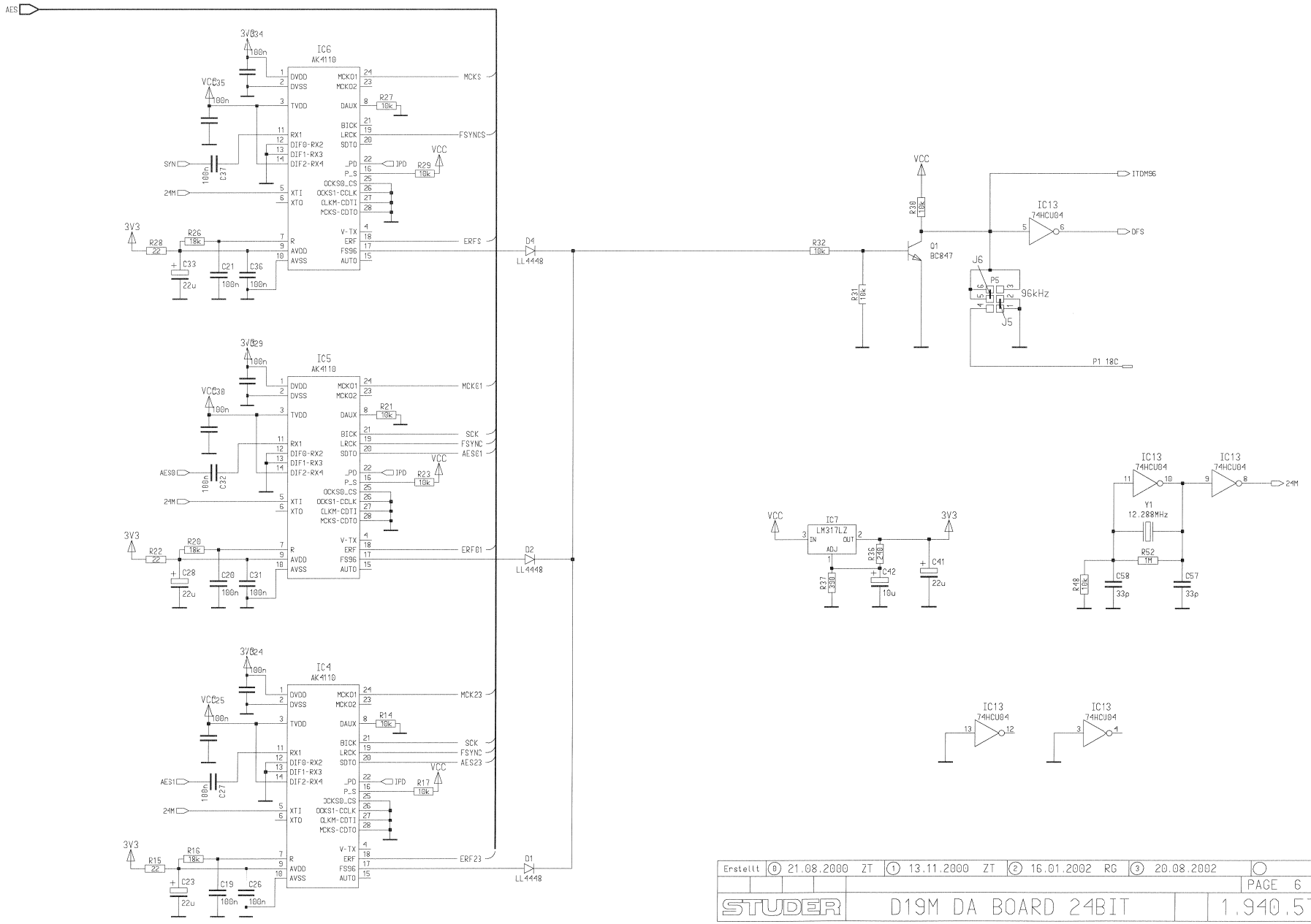
C4DA/24/96, 24 Bit D/A 1.940.571.21 (3)



B 21.08.2000 ZT	① 13.11.2000 ZT	② 16.01.2002 RG	③ 20.08.2002	
				PAGE 5 OF 6
STUDER	D19M DA BOARD 24BIT			1.940.571.21

Date printed: 01.10.02

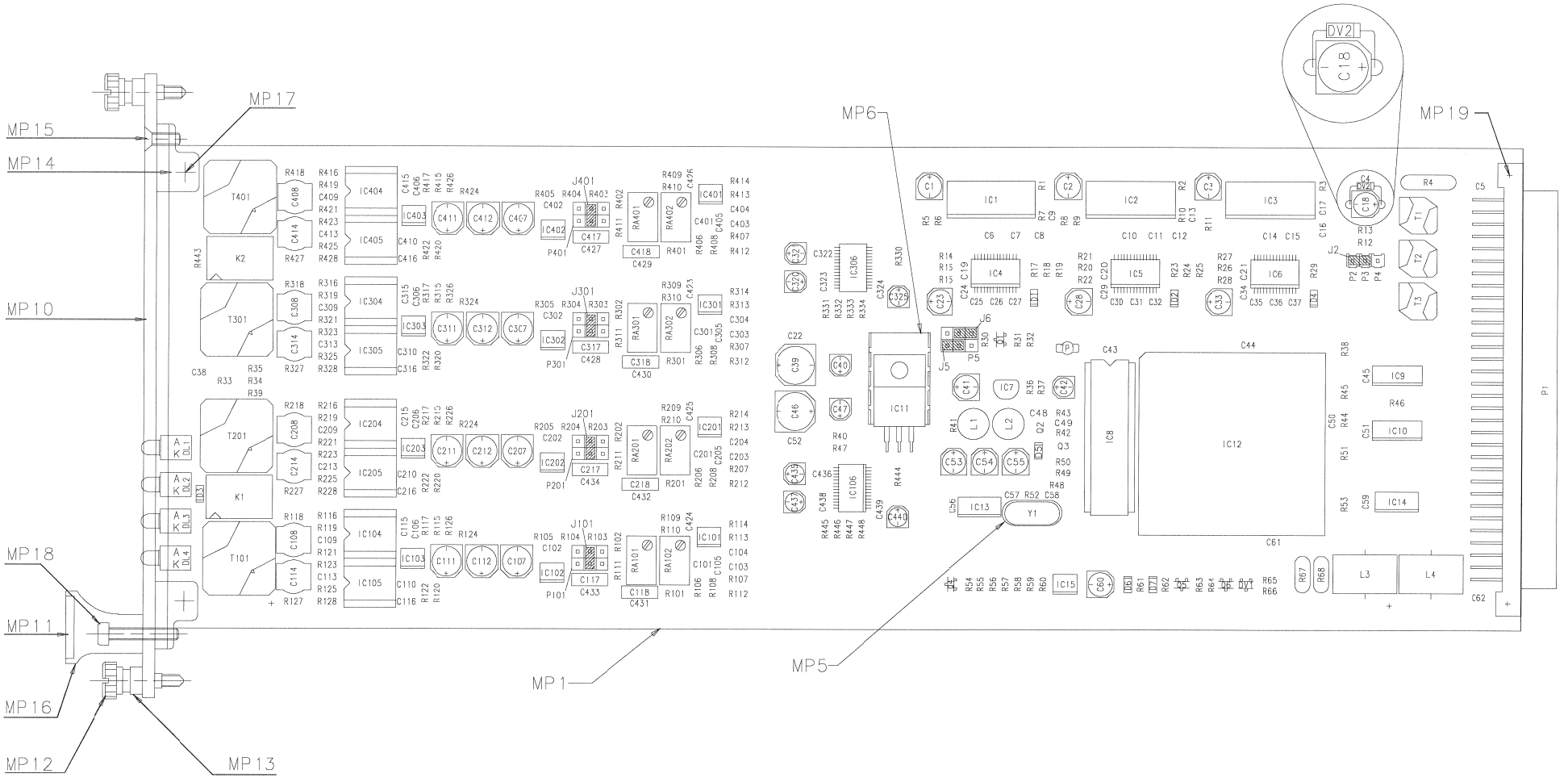
C4DA/24/96, 24 Bit D/A 1.940.571.21 (3)



Erstellt	0 21.08.2000 ZT	1 13.11.2000 ZT	2 16.01.2002 RG	3 20.08.2002	
					PAGE 6 OF 6
STUDER	D19M DA BOARD 24BIT				1.940.571.21

Date printed: 01.10.02

C4DA/24/96, 24 Bit D/A 1.940.571.21 (2)





Accompanying documents: / Zugehoerige Unterlagen: PL,BV640	General tolerance: / Freimasstoleranz: .	Scale: / Massstab: .	Edition / Ausgabe	13.11.2000 Date / Datum	ZT Visa / Gez.	ML Checked / Gepr.	HW Seen / Ges.	(2) Index
Substitute for: / Ersatz fuer: 1.940.571.21 Index (1)			Page: / Seite:	1 / 1				
STUDER REGENSDORF	Description: / Benennung: D19M DA BOARD 24BIT, ESE		Number: / Nummer:	1.940.571.21				

Date printed: 01.10.02

C4DA/24/96, 24 Bit D/A 1.940.571.21 (4)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 2	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 3	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 4	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3335	1 pce	68n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.3335	1 pce	68n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 16	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3335	1 pce	68n	CER 50V, 10%, X7R, 0805
0	C 18	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 19	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 20	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	not used	1 pce	22u	EL 16V, 5.0*5.7
0	C 24	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 27	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 28	not used	1 pce	22u	EL 16V, 5.0*5.7
0	C 29	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 30	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 31	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 32	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 33	not used	1 pce	22u	EL 16V, 5.0*5.7
0	C 34	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 35	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 36	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 37	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 39	59.68.0115	1 pce	100u	EL 35V, 8.0*10.7
0	C 40	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 41	not used	1 pce	22u	EL 16V, 5.0*5.7
0	C 42	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 43	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 46	59.68.0115	1 pce	100u	EL 35V, 8.0*10.7
0	C 47	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 48	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 49	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 50	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 52	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 53	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 54	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 55	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 56	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 57	not used	1 pce	33p	CER 50V, 5%, C0G, 0603
0	C 58	not used	1 pce	33p	CER 50V, 5%, C0G, 0603
0	C 59	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 60	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 61	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 62	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 101	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
0	C 102	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 103	59.60.2359	1 pce	270p	CER 50V, 5%, C0G, 0805
0	C 104	59.63.0105	1 pce	2n2	PEN 50V, 5%, 1206
0	C 105	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
0	C 106	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 107	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 108	59.05.1103	1 pce	10n	PP, 1%, 63V
0	C 109	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 110	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 111	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 112	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 113	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 114	59.05.1103	1 pce	10n	PP, 1%, 63V
0	C 115	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 116	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 117	not used	1 pce	100n	PETP, 63V, 10%, RM5
0	C 118	not used	1 pce	100n	PETP, 63V, 10%, RM5
0	C 201	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
0	C 202	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 203	59.60.2359	1 pce	270p	CER 50V, 5%, C0G, 0805
0	C 204	59.63.0105	1 pce	2n2	PEN 50V, 5%, 1206
0	C 205	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
0	C 206	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 207	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 208	59.05.1103	1 pce	10n	PP, 1%, 63V
0	C 209	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 210	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 211	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 212	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 213	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 214	59.05.1103	1 pce	10n	PP, 1%, 63V
0	C 215	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 216	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 217	not used	1 pce	100n	PETP, 63V, 10%, RM5
0	C 218	not used	1 pce	100n	PETP, 63V, 10%, RM5
0	C 301	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
0	C 302	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 303	59.60.2359	1 pce	270p	CER 50V, 5%, C0G, 0805
0	C 304	59.63.0105	1 pce	2n2	PEN 50V, 5%, 1206
0	C 305	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
0	C 306	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 307	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 308	59.05.1103	1 pce	10n	PP, 1%, 63V
0	C 309	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 310	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 311	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 312	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 313	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 314	59.05.1103	1 pce	10n	PP, 1%, 63V
0	C 315	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 316	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 317	not used	1 pce	100n	PETP, 63V, 10%, RM5
0	C 318	not used	1 pce	100n	PETP, 63V, 10%, RM5
0	C 320	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 321	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 322	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 323	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 324	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 325	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 401	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
0	C 402	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 403	59.60.2359	1 pce	270p	CER 50V, 5%, C0G, 0805
0	C 404	59.63.0105	1 pce	2n2	PEN 50V, 5%, 1206
0	C 405	59.63.1113	1 pce	1n0	PPS 50V, 2%, 0805
0	C 406	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 407	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 408	59.05.1103	1 pce	10n	PP, 1%, 63V
0	C 409	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 410	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 411	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 412	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 413	59.60.2235	1 pce	27p	CER 50V, 5%, C0G, 0603
0	C 414	59.05.1103	1 pce	10n	PP, 1%, 63V
0	C 415	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 416	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 417	not used	1 pce	100n	PETP, 63V, 10%, RM5
0	C 418	not used	1 pce	100n	PETP, 63V, 10%, RM5
0	C 423	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 424	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 425	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 426	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 427	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 428	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 429	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 430	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 431	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 432	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 433	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 434	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 435	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 436	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 437	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 438	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 439	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 440	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	D 1	not used	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	not used	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 4	not used	1 pce	4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 3	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 4	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DV 1	50.60.9026	1 pce	24V	5%, 0.2W, SOT 23
2	DV 2	50.04.1108	1 pce	5V6	Zener, 5%, 0.5W, DO-35
0	IC 1	50.62.0915	1 pce	CS8414	Digital Audio Receiver 96kHz
0	IC 2	50.62.0915	1 pce	CS8414	Digital Audio Receiver 96kHz
0	IC 3	50.62.0915	1 pce	CS8414	Digital Audio Receiver 96kHz

C4DA/24/96, 24 Bit D/A 1.940.571.21 (4)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 4	not used		not used	not used
0	IC 5	not used		not used	not used
0	IC 6	not used		not used	not used
0	IC 7	not used	1 pce	LM317L	Series regulator 100mA ...+37V
0	IC 8	50.14.1009	1 pce	7C128A	SRAM 2K*8 35ns
0	IC 9	50.62.3166	1 pce	74HCT166	8bit parallel in/serial out
0	IC 10	50.62.3166	1 pce	74HCT166	8bit parallel in/serial out
0	IC 11	50.10.0104	1 pce	LM317SP	Series regulator 1.5A ...+37V
0	IC 12	1.940.971.20	1 pce		SW 571 SICODAC (50.63.4205)
0	IC 13	50.62.1904	1 pce	74HCU04	Hex inverter unbuffered
0	IC 14	50.62.6014	1 pce	74ACT 14	Hex inverting Schmitt trigger
0	IC 15	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 101	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 102	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 103	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 104	50.09.0106	1 pce	5532A	Dual Op-Amp,low noise
0	IC 105	50.09.0106	1 pce	5532A	Dual Op-Amp,low noise
0	IC 106	50.61.8005	1 pce	AK4393	D/A Converter 24bit DS SOP28
0	IC 201	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 202	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 203	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 204	50.09.0106	1 pce	5532A	Dual Op-Amp,low noise
0	IC 205	50.09.0106	1 pce	5532A	Dual Op-Amp,low noise
0	IC 301	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 302	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 303	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 304	50.09.0106	1 pce	5532A	Dual Op-Amp,low noise
0	IC 305	50.09.0106	1 pce	5532A	Dual Op-Amp,low noise
0	IC 306	50.61.8005	1 pce	AK4393	D/A Converter 24bit DS SOP28
0	IC 401	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 402	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 403	50.61.0204	1 pce	MC33078	Dual Op-Amp low noise
0	IC 404	50.09.0106	1 pce	5532A	Dual Op-Amp,low noise
0	IC 405	50.09.0106	1 pce	5532A	Dual Op-Amp,low noise
0	J 2	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 5	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 6	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 101	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 201	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 301	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	J 401	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	K 1	56.04.0197	1 pce	2*u	24V 125V 2A Ag/Au
0	K 2	56.04.0197	1 pce	2*u	24V 125V 2A Ag/Au
0	L 1	62.02.3331	1 pce	330uH	10%, radial RM 5
0	L 2	62.02.3331	1 pce	330uH	10%, radial RM 5
0	L 3	62.03.0010	1 pce	48uH	2A Toroid Chocke
0	L 4	62.03.0010	1 pce	48uH	2A Toroid Chocke
1	MP 1	1.940.571.12	1 pce		D19M DA BOARD PCB
0	MP 2	1.940.571.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20	1 pce	Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 5	not used	1 pce		QUARZ - ISOLIERPLATTE
0	MP 6	50.20.3004	1 pce		Kühlkörper, TO 220, horizontal
0	MP 10	1.940.570.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	not used	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
				Schraube ist in MP14 (49.02.0522 Kartenhalter) enthalten	
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
4	MP 20	43.10.0112	1 pce	C	Revisions-Etikette 5mm h'blau
0	P 1	54.11.2009	1 pce	96p	EU-R 3*32p
0	P 2	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 3	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 4	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 5	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	P 101	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	P 201	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	P 301	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	P 401	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0	Q 1	not used	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 2	50.60.1050	1 pce	BC807-25	PNP 45V 800mA SOT 23
0	Q 3	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 4	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 5	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0	Q 6	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	R 1	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 2	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 3	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 4	57.92.7053	1 pce	1.6A	PTC 30V
0	R 5	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 6	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 7	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 8	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 9	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 10	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 11	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 12	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 13	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 14	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 15	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 16	not used	1 pce	18k	MF, 1%, 0204, E24
0	R 17	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 18	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 19	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 20	not used	1 pce	18k	MF, 1%, 0204, E24
0	R 21	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 22	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 23	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 24	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 25	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 26	not used	1 pce	18k	MF, 1%, 0204, E24
0	R 27	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 28	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 29	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 30	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 31	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 32	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 33	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0	R 34	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0	R 35	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0	R 36	not used	1 pce	240R	MF, 1%, 0204, E24
0	R 37	not used	1 pce	390R	MF, 1%, 0204, E24
0	R 38	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 39	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
4	R 40	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 41	57.60.1229	1 pce	2R2	MF, 1%, 0204, E24
0	R 42	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 43	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 44	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 45	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 46	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
4	R 47	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0	R 48	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
3	R 49	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 50	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 51	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 52	not used	1 pce	1M	MF, 1%, 0204, E24
0	R 53	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 54	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 55	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 56	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 57	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 58	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0	R 59	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 60	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 61	57.60.1473	1 pce	47k	MF, 1%, 0204, E24
0	R 62	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 63	57.60.1562	1 pce	5k6	MF, 1%, 0204, E24
0	R 64	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	R 65	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 66	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 67	57.92.7019	1 pce	0.4A	PTC 60V
0	R 68	57.92.7019	1 pce	0.4A	PTC 60V
0	R 101	57.60.1362	1 pce	3k6	MF, 1%, 0204, E24
0	R 102	57.60.1820	1 pce	82R	MF, 1%, 0204, E24
0	R 103	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 104	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 105	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 106	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 107	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 108	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 109	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 110	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 111	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 112	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 113	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 114	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 115	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 116	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 117	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 118	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
3	R 119	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 120	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
3	R 121	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 122	57.60.1131	1 pce	130R	MF, 1%, 0204, E24
3	R 123	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 124	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
3	R 125	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 126	57.60.1121	1 pce	120R	MF, 1%, 0204, E24

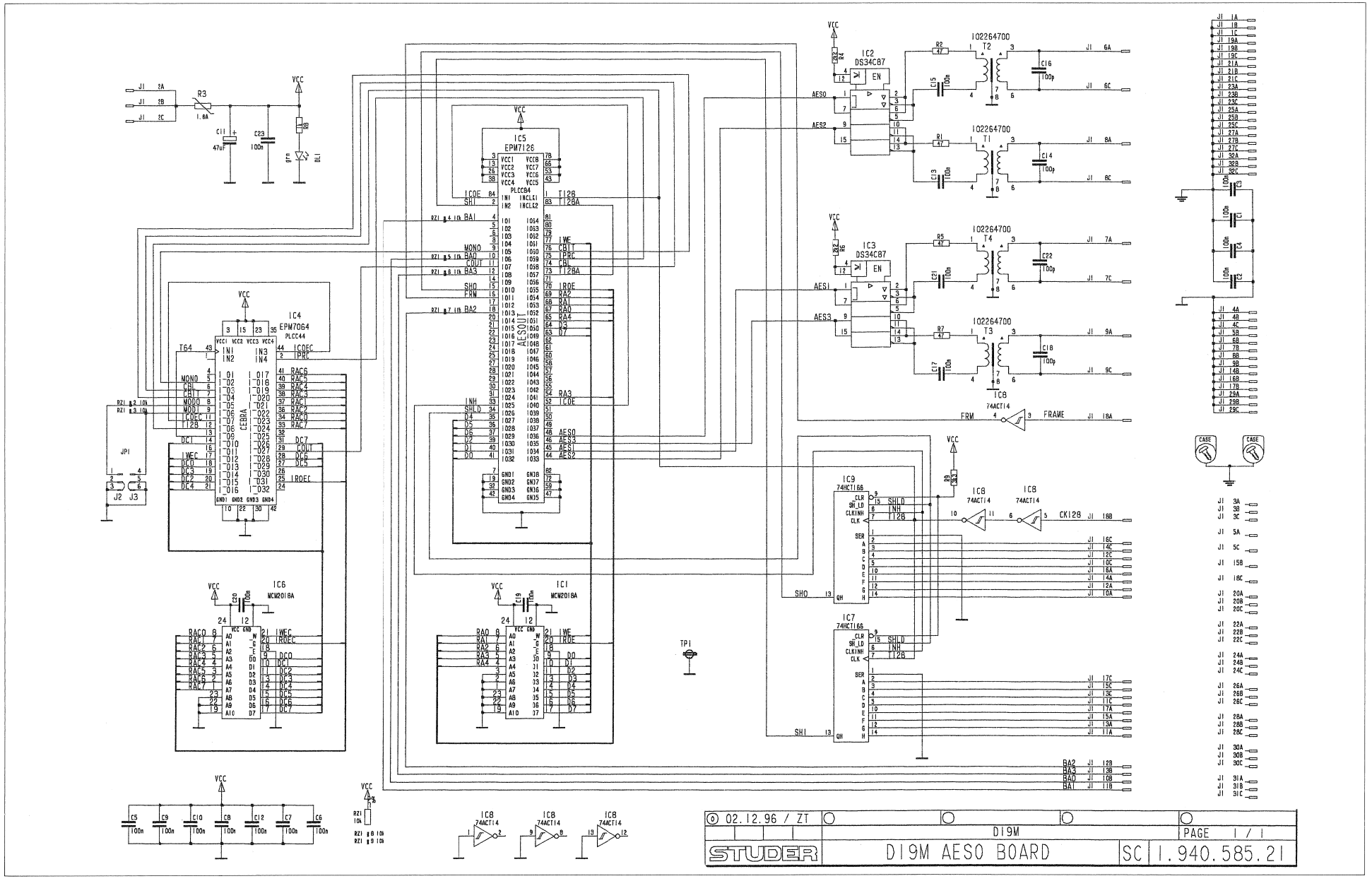
C4DA/24/96, 24 Bit D/A 1.940.571.21 (4)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 127	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 128	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 201	57.60.1362	1 pce	3k6	MF, 1%, 0204, E24
0	R 202	57.60.1820	1 pce	82R	MF, 1%, 0204, E24
0	R 203	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 204	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 205	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 206	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 207	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 208	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 209	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 210	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 211	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 212	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 213	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 214	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 215	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 216	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 217	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 218	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
3	R 219	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 220	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
3	R 221	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 222	57.60.1131	1 pce	130R	MF, 1%, 0204, E24
3	R 223	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 224	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
3	R 225	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 226	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
0	R 227	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 228	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 301	57.60.1362	1 pce	3k6	MF, 1%, 0204, E24
0	R 302	57.60.1820	1 pce	82R	MF, 1%, 0204, E24
0	R 303	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 304	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 305	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 306	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 307	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 308	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 309	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 310	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 311	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 312	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 313	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 314	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 315	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 316	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 317	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 318	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
3	R 319	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 320	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
3	R 321	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 322	57.60.1131	1 pce	130R	MF, 1%, 0204, E24
3	R 323	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 324	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
3	R 325	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 326	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
0	R 327	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 328	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 330	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 331	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 332	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 333	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 334	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 401	57.60.1362	1 pce	3k6	MF, 1%, 0204, E24
0	R 402	57.60.1820	1 pce	82R	MF, 1%, 0204, E24
0	R 403	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 404	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 405	57.60.1511	1 pce	510R	MF, 1%, 0204, E24
0	R 406	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 407	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 408	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 409	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 410	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 411	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 412	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 413	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 414	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 415	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 416	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 417	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 418	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
3	R 419	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 420	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
3	R 421	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 422	57.60.1131	1 pce	130R	MF, 1%, 0204, E24
3	R 423	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 424	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
3	R 425	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 426	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
0	R 427	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 428	57.60.1120	1 pce	12R	MF, 1%, 0204, E24
0	R 443	57.60.1391	1 pce	390R	MF, 1%, 0204, E24
0	R 444	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 445	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 446	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 447	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 448	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	RA 101	58.05.1202	1 pce	2k0	10%, 0.5W, Cermet
0	RA 102	58.05.1201	1 pce	200R	10%, 0.5W, Cermet
0	RA 201	58.05.1202	1 pce	2k0	10%, 0.5W, Cermet
0	RA 202	58.05.1201	1 pce	200R	10%, 0.5W, Cermet
0	RA 301	58.05.1202	1 pce	2k0	10%, 0.5W, Cermet
0	RA 302	58.05.1201	1 pce	200R	10%, 0.5W, Cermet
0	RA 401	58.05.1202	1 pce	2k0	10%, 0.5W, Cermet
0	RA 402	58.05.1201	1 pce	200R	10%, 0.5W, Cermet
0	T 1	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 2	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 3	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 101	1.022.275.00	1 pce		TRIFILARTRAFO OUTPUT
0	T 201	1.022.275.00	1 pce		TRIFILARTRAFO OUTPUT
0	T 301	1.022.275.00	1 pce		TRIFILARTRAFO OUTPUT
0	T 401	1.022.275.00	1 pce		TRIFILARTRAFO OUTPUT
0	TP 1	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 2	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 3	50.20.2501	1 pce	Spacer	LED-Sockel
0	XDL 4	50.20.2501	1 pce	Spacer	LED-Sockel
0	XIC 12	53.03.2284	1 pce	84p	PLCC-Socket
0	XIC 10	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade
0	XIC 10	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade
0	XIC 20	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade
0	XIC 20	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade
0	XIC 30	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade
0	XIC 30	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade
0	XIC 40	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade
0	XIC 40	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade
0	Y 1	not used	1 pce	12.288MHz	XTAL HC 49/U

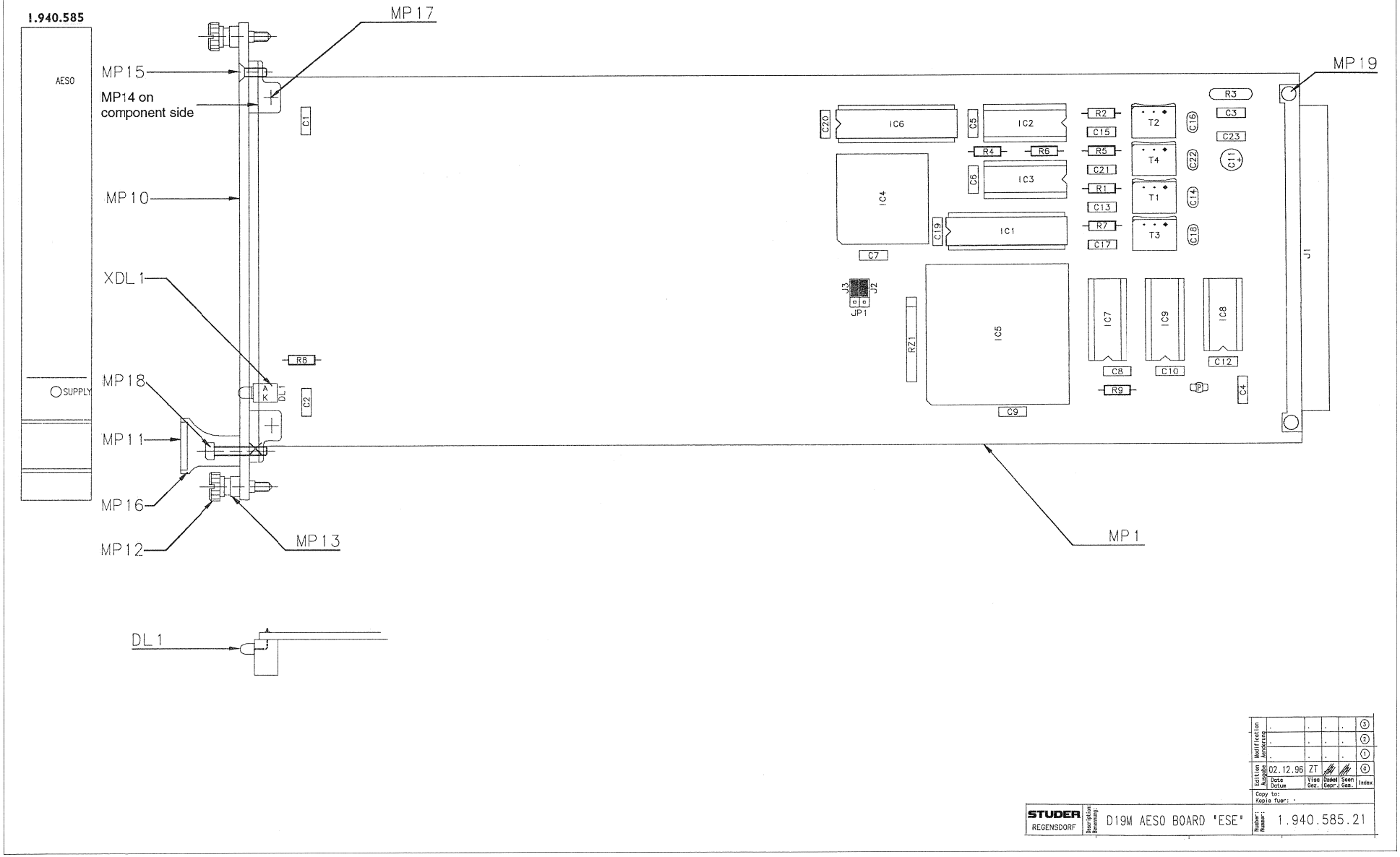
End of List

(1) MP1: PCB Modification
(2) Additionally D8 and MP20
(3) Improvement of stability: Several resistors replaced
(4) Improved +5VA stability in power down mode: R40 and R47 replaced

D19M AESO Board 1.940.585.21



D19M AESO Board 1.940.585.21



Edition Index	Modification Aenderung				
		.	.	.	③
		.	.	.	②
		.	.	.	①
02	02.12.96	ZT			⓪
	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index

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STUDER REGENSDORF | Description Benennung: D19M AESO BOARD 'ESE' | Number: Nummer: 1.940.585.21

D19m AESO Board 1.940.585.22

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 2	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 3	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 4	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 5	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 6	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 7	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 8	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 9	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 10	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 11	59.22.3470		47u	EL 10V, 20%, RM5
0	C 12	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 13	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 14	59.34.4101		100p	CER 63V, 5%, N750
0	C 15	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 16	59.34.4101		100p	CER 63V, 5%, N750
0	C 17	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 18	59.34.4101		100p	CER 63V, 5%, N750
0	C 19	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 20	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 21	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 22	59.34.4101		100p	CER 63V, 5%, N750
0	C 23	59.06.0104		100n	PETP, 63V, 10%, RM5
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	IC 1	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A
0	IC 2	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 3	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 4	1.940.962.21			SW 585 CEBRA (50.63.4202)
0	IC 5	1.940.964.21			SW 585 AESOUT (50.63.4205)
0	IC 6	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A
0	IC 7	50.17.0166		74HCT166	8 Bit parallel in/serial out
0	IC 8	50.17.7014		ACT14	.. 74 ACT 14 .
0	IC 9	50.17.0166		74HCT166	8 Bit parallel in/serial out
0	J 1	54.11.2009			J EU-R 3 * 32
0	J 2	54.01.0021		Jumper	0.63 * 0.63mm
0	J 3	54.01.0021		Jumper	0.63 * 0.63mm
0	JP 1	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
0	MP 1	1.940.585.12			D19M AESO BOARD PCB
0	MP 2	1.940.585.04			TYPENSCHILD
0	MP 3	43.01.0108	mp	Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20	mp	Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 10	1.940.585.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs		Z - SCHR. IS , ZN , M2.5 * 6
0	MP 18	21.53.0284	1 pce		Z - SCHR. IS , ZN , M2.5 * 16
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	R 1	57.11.3470		47R	MF, 1%, 0207
0	R 2	57.11.3470		47R	MF, 1%, 0207
0	R 3	57.92.7053		1.6A	POLY- PTC, 30V
0	R 4	57.11.3222		2k2	MF, 1%, 0207
0	R 5	57.11.3470		47R	MF, 1%, 0207
0	R 6	57.11.3222		2k2	MF, 1%, 0207
0	R 7	57.11.3470		47R	MF, 1%, 0207
0	R 8	57.11.3102		1k0	MF, 1%, 0207
0	R 9	57.11.3332		3k3	MF, 1%, 0207
0	RZ 1	57.88.4103		8*10k	2%, SIP 9
0	T 1	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU

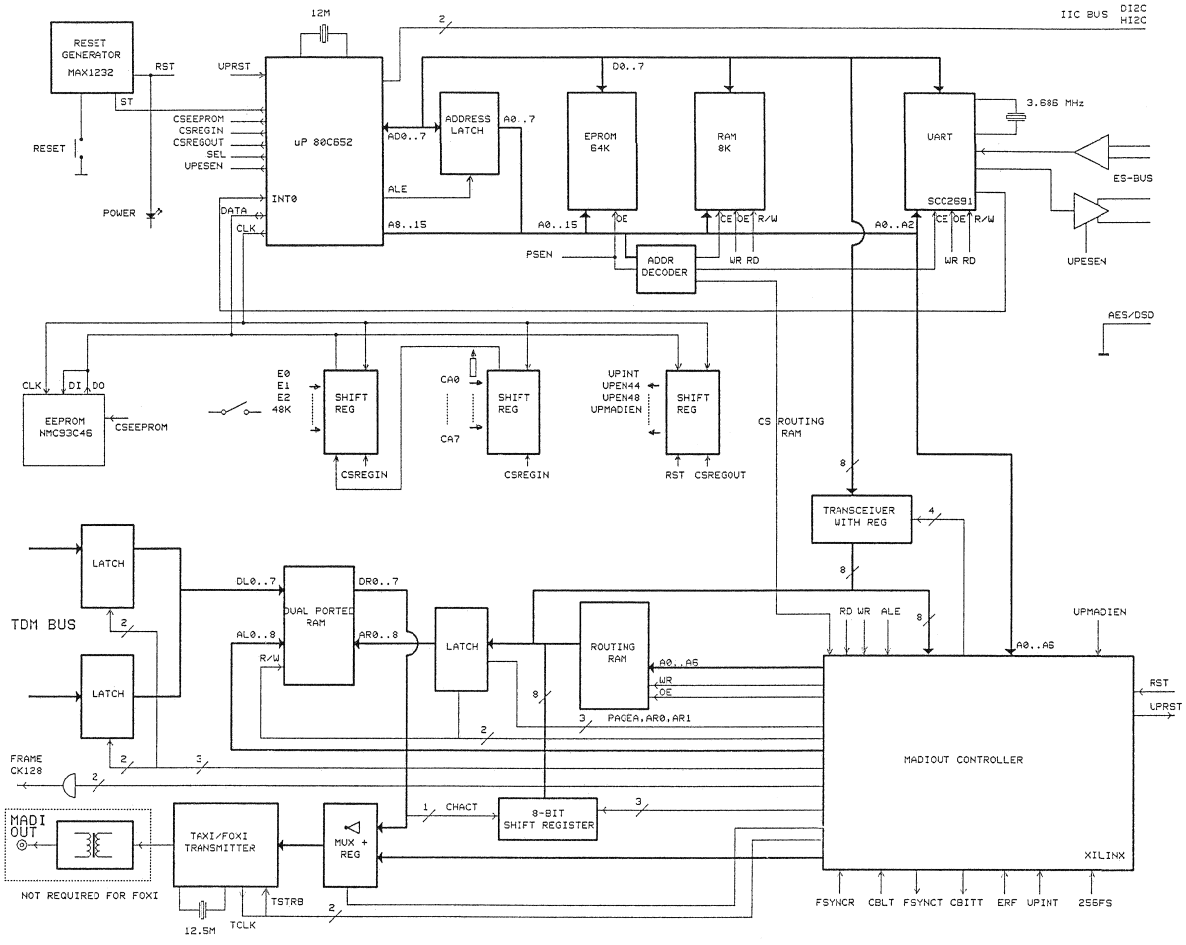
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	TP 1	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XIC 2	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 3	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 4	53.03.2244		PLCC44p	PLCC-Socket 44p
0	XIC 5	53.03.2284		PLCC84p	PLCC-Socket 84p

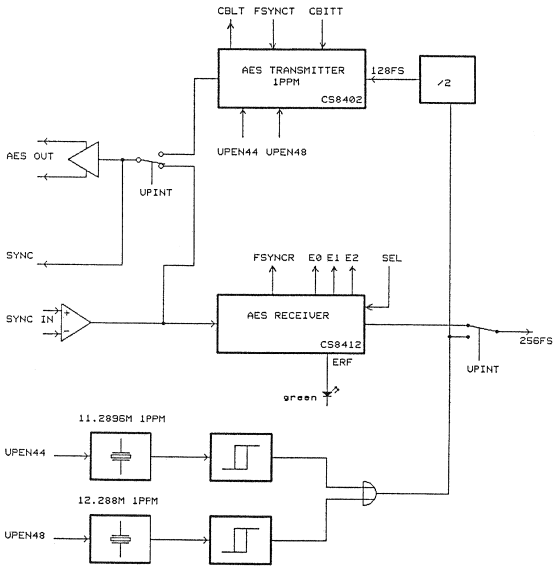
End of List

Comments

IC-Sockel XIC nn entsprechend den IC Nummern bestücken.
LED-Sockel XDL nn entsprechend den DL Nummern bestücken.

Block Diagram
D19M Mado Coaxial 1.940.520
Mado Optical 1.940.530



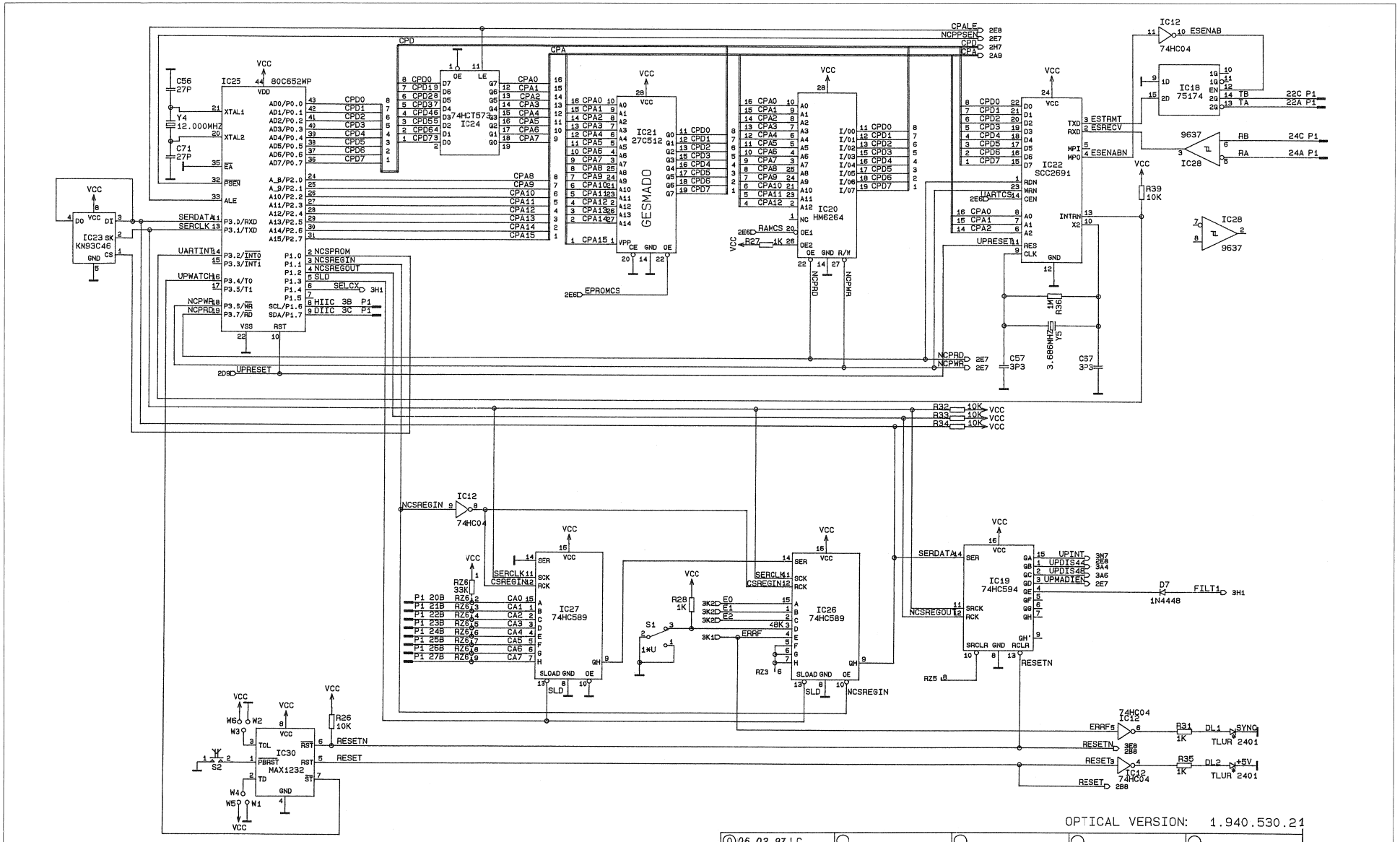


1.940.530.21

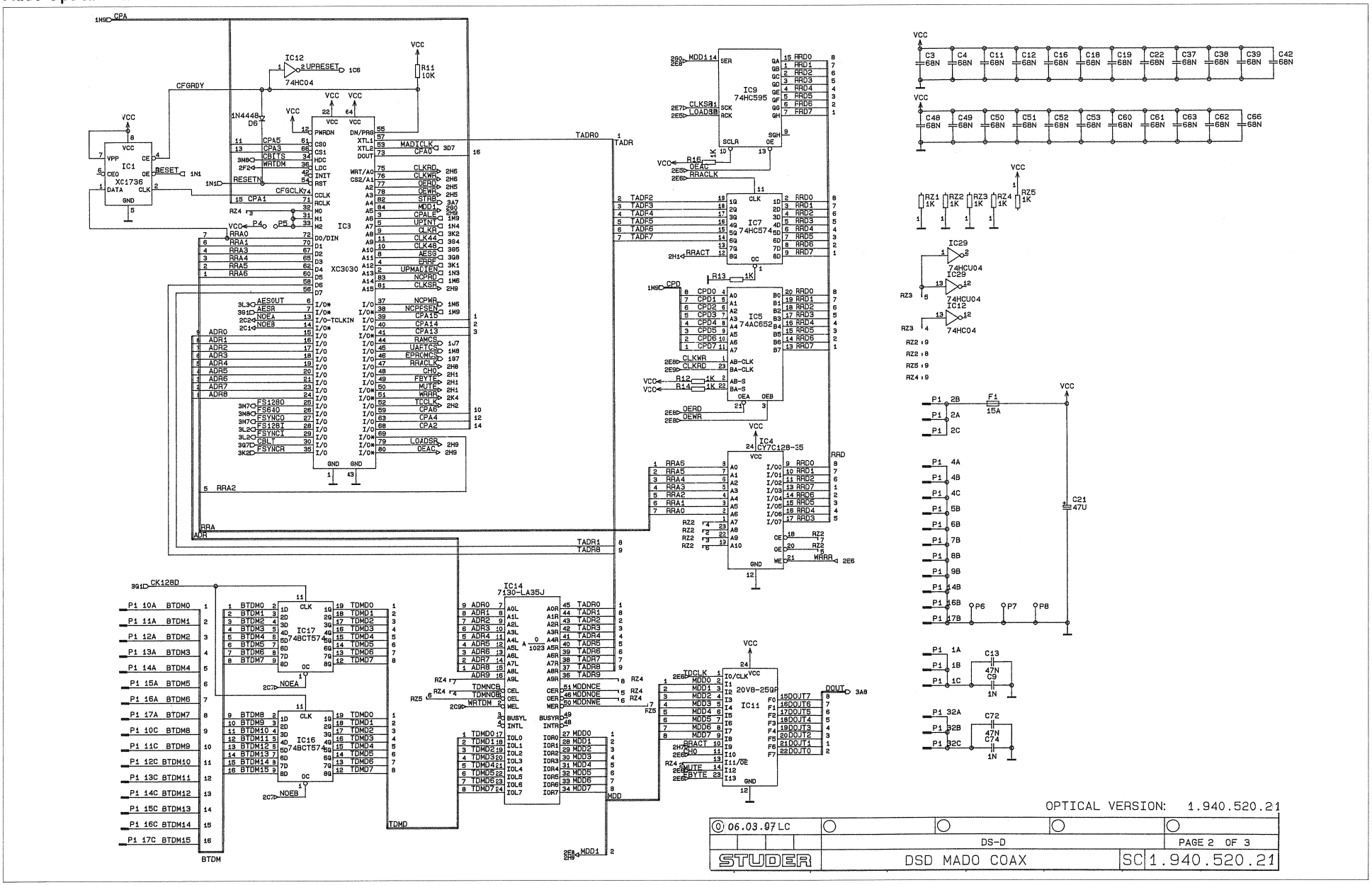
23.09.92 ML			
D19M			PAGE 1 OF 2
STUDER	D19M MADI OUT	SC	1.940.520.21

23.09.92 ML			
D19M			PAGE 2 OF 2
STUDER	D19M MADI OUT	SC	1.940.520.21

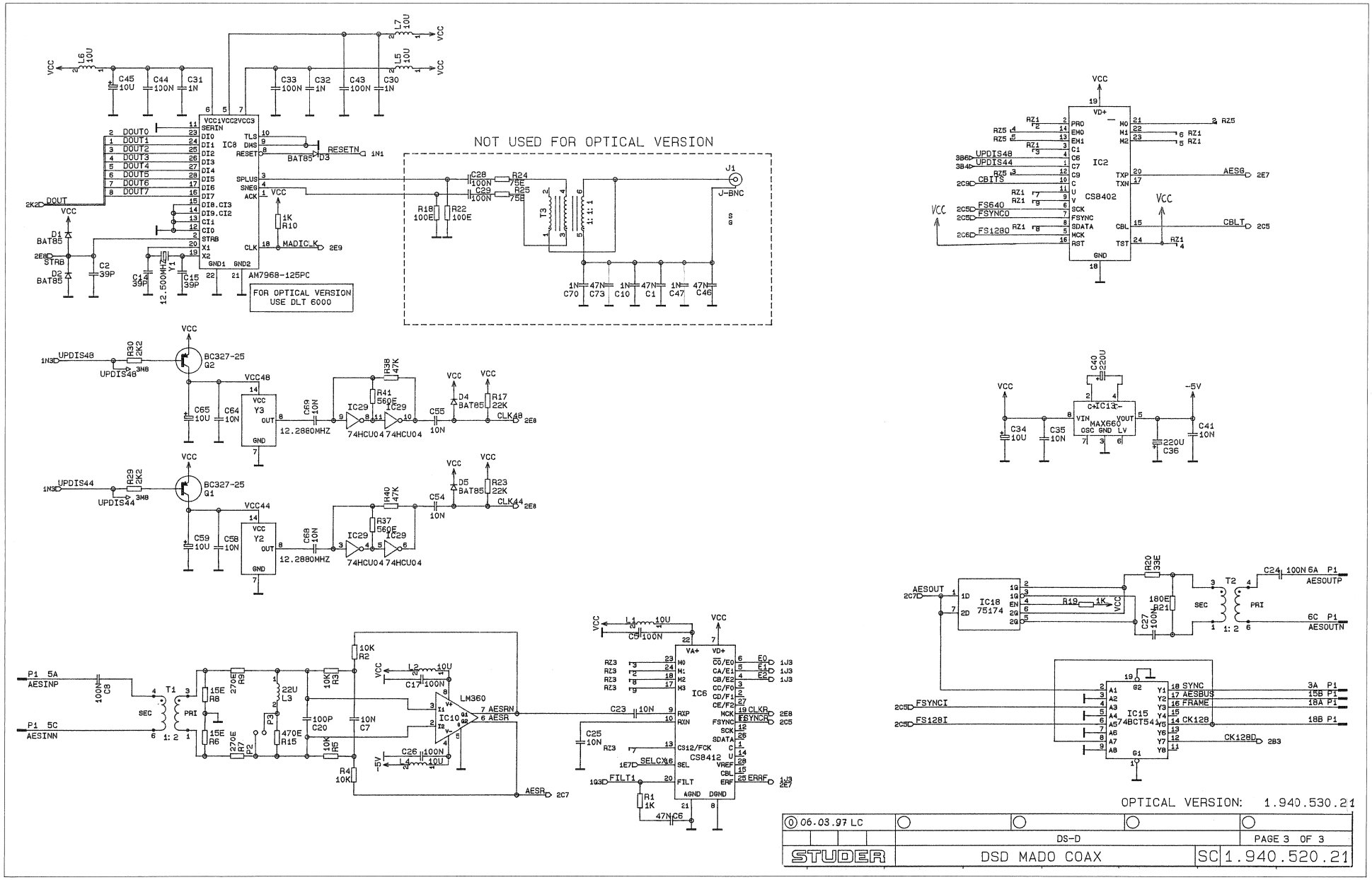
D19M Mado Coaxial 1.940.520.21
Mado Optical 1.940.530.21



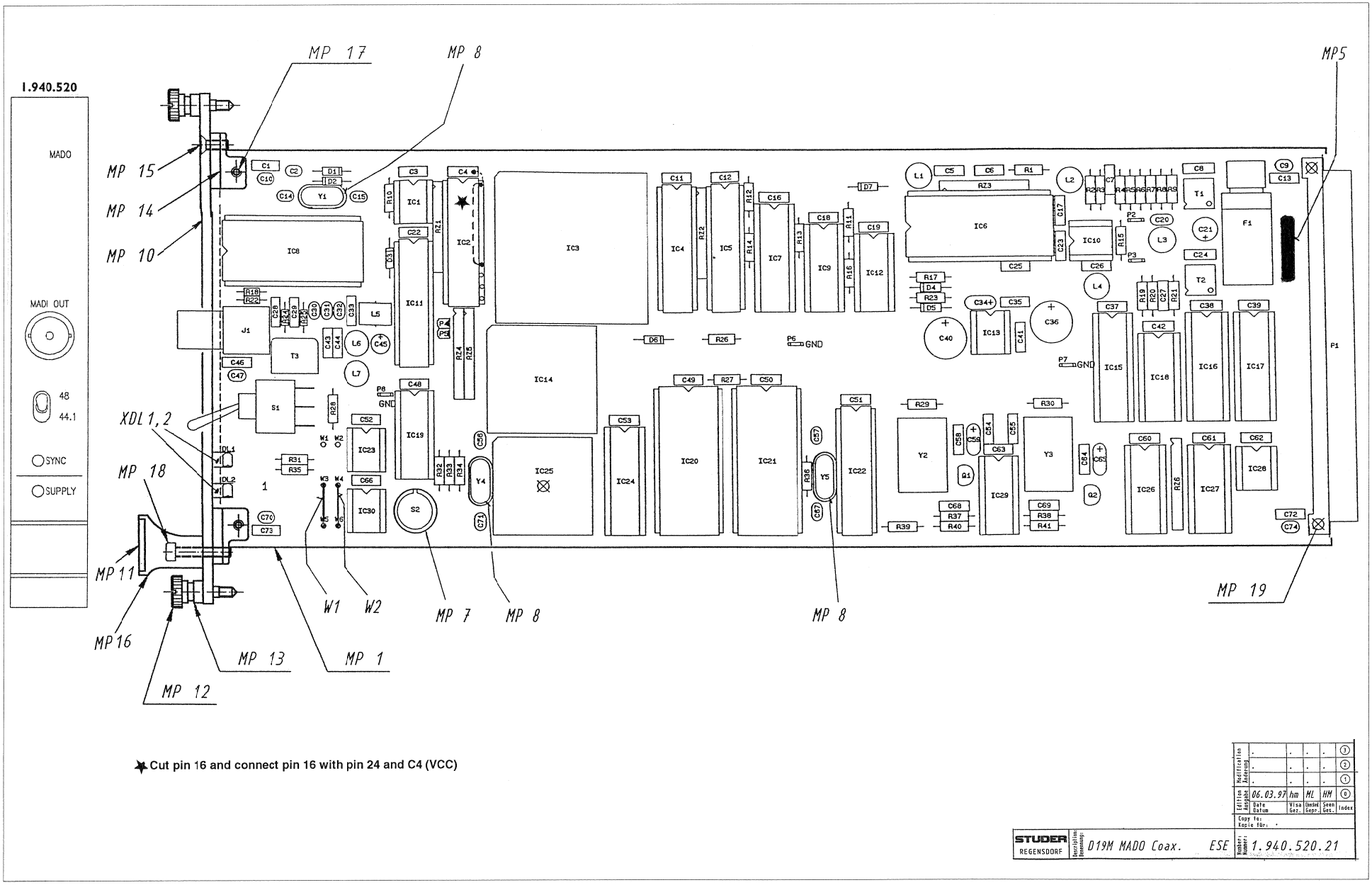
D19M Mado Coaxial 1.940.520.21
Mado Optical 1.940.530.21



D19M Mado Coaxial 1.940.520.21
Mado Optical 1.940.530.21



D19M Mado Coaxial 1.940.520.21



Modification Änderung	.	.	.	.	3
	.	.	.	.	2
	.	.	.	.	1
Edition Ausgabe	06.03.97	hm	ML	HM	0
	Date Datum	Visa Ges.	Checked Gepr.	Seen Ges.	Index

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STUDER REGENSDORF | Description: D19M MADO Coax. ESE | Number: 1.940.520.21

D19M Mado Coaxial 1.940.520.21

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 2	59.34.2390		39p	CER 63V, 5%, N150
0	C 3	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 4	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 5	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 6	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 7	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 8	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 9	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 10	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 11	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 12	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 13	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 14	59.34.2390		39p	CER 63V, 5%, N150
0	C 15	59.34.2390		39p	CER 63V, 5%, N150
0	C 16	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 17	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 18	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 19	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 20	59.34.4101		100p	CER 63V, 5%, N750
0	C 21	59.22.3470		47u	EL 10V, 20%, RM5
0	C 22	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 23	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 24	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 25	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 26	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 27	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 28	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 29	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 30	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 31	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 32	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 33	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 34	59.22.6100		10u	EL 35V, 20%, RM5
0	C 35	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 36	59.22.4221		220u	EL 16V, 20%, RM5
0	C 37	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 38	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 39	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 40	59.22.4221		220u	EL 16V, 20%, RM5
0	C 41	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 42	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 43	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 44	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 45	59.22.6100		10u	EL 35V, 20%, RM5
0	C 46	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 47	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 48	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 49	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 50	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 51	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 52	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 53	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 54	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 55	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 56	59.34.2270		27p	CER 63V, 5%, N150
0	C 57	59.34.0339		3p3	CER 63V, 5%, P100
0	C 58	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 59	59.22.6100		10u	EL 35V, 20%, RM5
0	C 60	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 61	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 62	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 63	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 64	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 65	59.22.6100		10u	EL 35V, 20%, RM5
0	C 66	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 67	59.34.0339		3p3	CER 63V, 5%, P100
0	C 68	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 69	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 70	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 71	59.34.2270		27p	CER 63V, 5%, N150
0	C 72	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 73	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 74	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	D 1	50.04.0127		BAT85	200mA, Schottky
0	D 2	50.04.0127		BAT85	200mA, Schottky
0	D 3	50.04.0127		BAT85	200mA, Schottky
0	D 4	50.04.0127		BAT85	200mA, Schottky
0	D 5	50.04.0127		BAT85	200mA, Schottky
0	D 6	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	D 7	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	F 1	51.01.0119		1.6A	T 5*20 L 250V

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 1	1.940.946.21			SW 520 MADIOUT (50.14.1501)
0	IC 2	50.13.0203			IC CS 8402-CP ,A
0	IC 3	50.63.4003			IC ATT3030-125, XC3030A-6 ,A
0	IC 4	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A
0	IC 5	50.17.5652		74AC652	IC .. 74 AC 652 . ,A
0	IC 6	50.13.0202		CS8412	IC CS 8412-CP ,A
0	IC 7	50.17.1574		74HC574	IC ... 74 HC 574 ., ,A
0	IC 8	50.16.0701		AM7968-125P	IC AM 7968-125 PC ,A
0	IC 9	50.17.1595		74HC595	IC ... 74 HC 595 ., ,A
0	IC 10	50.11.1002		LM360	High speed Comparator
0	IC 11	1.940.947.20			SW 520 TAXIREG (50.18.0101)
0	IC 12	50.17.1004		74HC04	IC ... 74 HC 04 ., ,A
0	IC 13	50.10.0124		MAX660	V-Converter ... +5.5V to -5.5V
0	IC 14	50.63.1702		CY7C130	IC CY7C 130 - 45 LC ,A
0	IC 15	50.17.8541		74BCT541	Octal Buffer, tri
0	IC 16	50.17.8574		74BCT574	Octal D-Type FF, tri
0	IC 17	50.17.8574		74BCT574	Octal D-Type FF, tri
0	IC 18	50.15.0121		75174	IC SN 75174 N
0	IC 19	50.17.1594		74HC594	IC ... 74 HC 594 ., ,A
0	IC 20	50.14.0133		5565	IC HM 6264LP-15 ,A
0	IC 21	1.940.945.20			SW 520 MADO (50.14.2002)
0	IC 22	50.16.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0	IC 23	50.14.2103		HY93C46S	EEPROM 64 * 16, serial
0	IC 24	50.17.0573		74HCT573	IC .. 74 HCT573 ., ,A
0	IC 25	50.63.0009		80C652	8bit microcontroller
0	IC 26	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 27	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 28	50.15.0114		9637	Dual diff Line Receiver
0	IC 29	50.17.1904		74HCU04	IC ... 74 HCU 04 ., ,A
0	IC 30	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	J 1	54.21.2031		BNC	J 1 POL PRINT/WINKEL BNC
0	L 1	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	L 2	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	L 3	62.02.3220		22uH	L 22 U , 10%, RAD., RM 5
0	L 4	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	L 5	62.03.0001		10uH	1A Toroid Chocke
0	L 6	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	L 7	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	MP 1	1.940.520.11			D19M MADO PCB
0	MP 2	1.010.057.43			Baugruppenschild
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20		Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 5	1.010.117.51			TEXT-ETIK. 5*20 (T1.60A)
0	MP 7	1.010.015.50		Spacer	ISOLIER-SCHEIBE ZU T0 5
0	MP 8	89.01.1499	3 pcs		QUARZ - ISOLIERPLATTE
0	MP 10	1.940.520.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	2 pcs	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs		Z - SCHR. IS , ZN , M2.5 * 6
0	MP 18	21.53.0284	1 pce		Z - SCHR. IS , ZN , M2.5 * 16
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	54.11.2009		96p	EU-R 3*32p
0	P 2	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	P 3	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	P 4	54.01.0020		1p	Pin 0.63*0.63
0	P 5	54.01.0020		1p	Pin 0.63*0.63
0	P 6	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	P 7	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	P 8	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	Q 1	50.03.0351		BC327-25	PNP, 800mA
0	Q 2	50.03.0351		BC327-25	PNP, 800mA
0	R 1	57.11.3102		1k0	MF, 1%, 0207
0	R 2	57.11.3103		10k	MF, 1%, 0207
0	R 3	57.11.3103		10k	MF, 1%, 0207
0	R 4	57.11.3103		10k	MF, 1%, 0207
0	R 5	57.11.3103		10k	MF, 1%, 0207
0	R 6	57.11.3150		15R	MF, 1%, 0207
0	R 7	57.11.3271		270R	MF, 1%, 0207
0	R 8	57.11.3150		15R	MF, 1%, 0207
0	R 9	57.11.3271		270R	MF, 1%, 0207
0	R 10	57.11.3102		1k0	MF, 1%, 0207
0	R 11	57.11.3103		10k	MF, 1%, 0207
0	R 12	57.11.3102		1k0	MF, 1%, 0207
0	R 13	57.11.3102		1k0	MF, 1%, 0207
0	R 14	57.11.3102		1k0	MF, 1%, 0207
0	R 15	not used		470R	MF, 1%, 0207
0	R 16	57.11.3102		1k0	MF, 1%, 0207

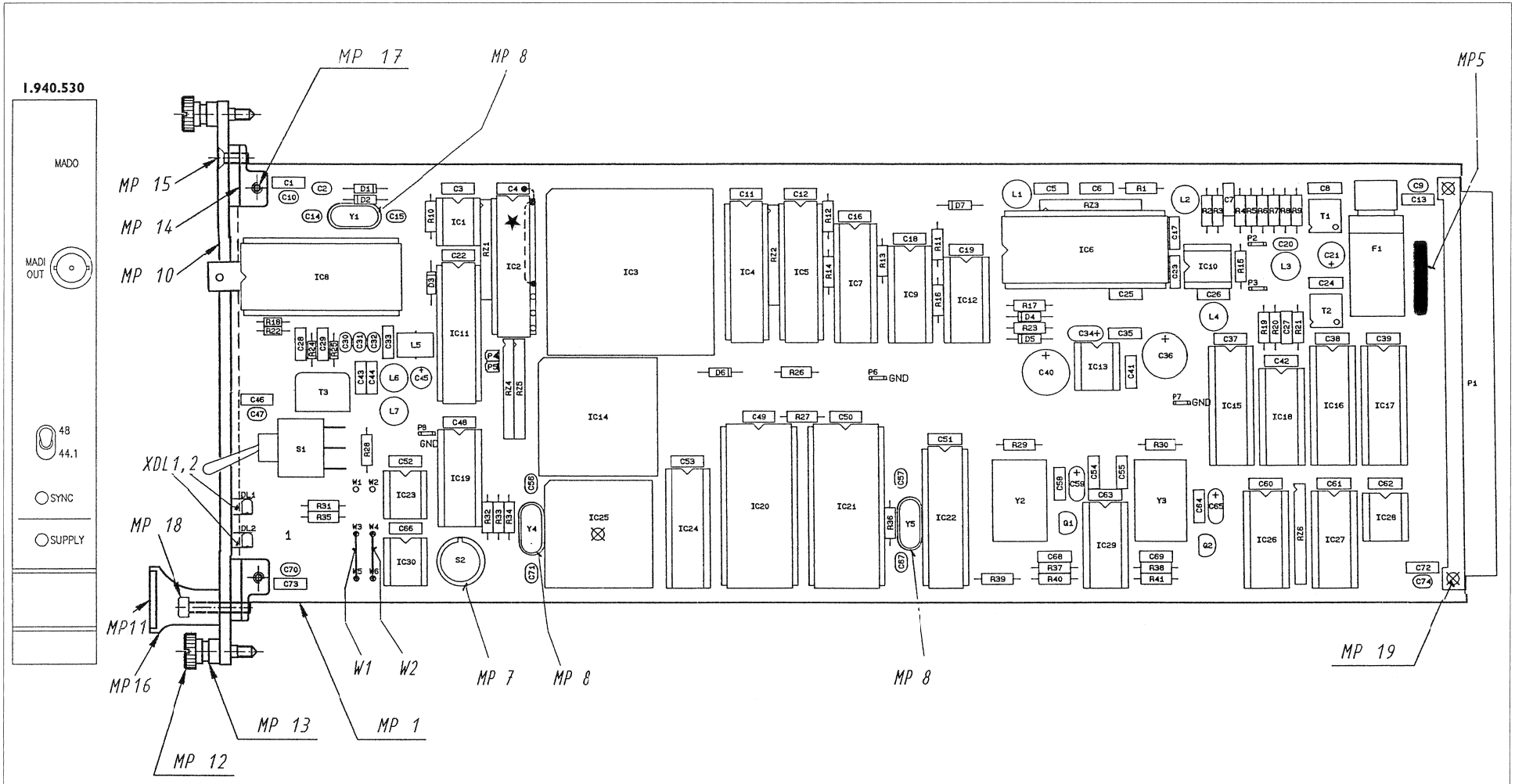
D19M Mado Coaxial 1.940.520.21

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 17	57.11.3223		22k	MF, 1%, 0207
0	R 18	57.10.1101		100R	MF, 1%, 0204
0	R 19	57.11.3102		1k0	MF, 1%, 0207
0	R 20	57.11.3330		33R	MF, 1%, 0207
0	R 21	57.11.3181		180R	MF, 1%, 0207
0	R 22	57.10.1101		100R	MF. 1%. 0204
0	R 23	57.11.3223		22k	MF, 1%, 0207
0	R 24	57.10.1750		75R	MF, 1%, 0204
0	R 25	57.10.1750		75R	MF, 1%, 0204
0	R 26	57.11.3103		10k	MF, 1%, 0207
0	R 27	57.11.3102		1k0	MF, 1%, 0207
0	R 28	57.11.3102		1k0	MF, 1%, 0207
0	R 29	57.11.3222		2k2	MF, 1%, 0207
0	R 30	57.11.3222		2k2	MF, 1%, 0207
0	R 31	57.11.3102		1k0	MF, 1%, 0207
0	R 32	57.11.3103		10k	MF, 1%, 0207
0	R 33	57.11.3103		10k	MF, 1%, 0207
0	R 34	57.11.3103		10k	MF, 1%, 0207
0	R 35	57.11.3102		1k0	MF, 1%, 0207
0	R 36	57.11.3105		1M0	MF, 1%, 0207
0	R 37	57.11.3561		560R	MF, 1%, 0207
0	R 38	57.11.3473		47k	MF, 1%, 0207
0	R 39	57.11.3103		10k	MF, 1%, 0207
0	R 40	57.11.3473		47k	MF, 1%, 0207
0	R 41	57.11.3561		560R	MF, 1%, 0207
0	RZ 1	57.88.4102		8*1k	2%, SIP 9
0	RZ 2	57.88.4102		8*1k	2%, SIP 9
0	RZ 3	57.88.4102		8*1k	2%, SIP 9
0	RZ 4	57.88.4102		8*1k	2%, SIP 9
0	RZ 5	57.88.4102		8*1k	2%, SIP 9
0	RZ 6	57.88.4333		8*33k	2%, SIP 9
0	S 1	55.11.0202		SPST	Toggle on - none - on
0	S 2	55.03.0122		1*a	S 1 TASTE, 1*A, PRINT,IMPULS
0	T 1	63.15.0021			RF - Trafo
0	T 2	63.15.0021			RF - Trafo
0	T 3	63.15.0001			IMPULSTRANSFORMATOR
0	W 1	1.010.324.64		Wire	DRAHTBRUECKE U, 4.3*10.2, 0.6
0	W 2	1.010.324.64		Wire	DRAHTBRUECKE U, 4.3*10.2, 0.6
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XF 1	53.03.0118			XF 5 * 20, PRINT-LIEGEND
0	XIC 1	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 3	53.03.2284		PLCC84p	PLCC-Socket 84p
0	XIC 11	53.03.0182		24p	DIL 0.3", löt, gerade
0	XIC 14	53.03.2252		PLCC52p	PLCC-Socket 52p
0	XIC 15	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 16	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 17	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 18	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 21	53.03.0173		28p	DIL 0.6", löt, gerade
0	XIC 25	53.03.2244		PLCC44p	PLCC-Socket 44p
0	XIC 28	53.03.0166		8p	DIL 0.3", löt, gerade
0	Y 1	89.01.1013		12.500MHz	12.500 000 MHz, HC 49/U
0	Y 2	89.01.1602		11.2896MHz	TCXO Xtal-Oscillator temp comp
0	Y 3	89.01.1601		12.288MHz	TCXO Xtal-Oscillator temp comp
0	Y 4	89.01.1014		12.000MHz	12.000 000 MHz, HC 49/U
0	Y 5	89.01.1002		3.686MHz	3.686 400 MHz, HC 18/U

End of List

Comments:
new software 1.940.946-20 to -21

Mado Optical 1.940.530.21



★ Cut pin 16 and connect pin 16 with pin 24 and C4 (VCC)

Modification Änderung					
	.	.	.	.	3
	.	.	.	.	2
	.	.	.	.	1
Edition Ausgabe	06.03.97	hm	ML	HM	0
	Date Datum		Visa Gez.	Checked Gepr.	Seen Ges.	Index

Copy to Kopie für: .

STUDER REGENSDORF | Description Benennung: D19M MADO Opt. ESE | Number Nummer: 1.940.530.21

Mado Optical 1.940.530.21

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	not used		47n	PETP, 63V, 10%, RM5
0	C 2	59.34.2390		39p	CER 63V, 5%, N150
0	C 3	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 4	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 5	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 6	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 7	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 8	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 9	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 10	not used		1n	C 1000 P , 20%, 50V , CER
0	C 11	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 12	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 13	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 14	59.34.2390		39p	CER 63V, 5%, N150
0	C 15	59.34.2390		39p	CER 63V, 5%, N150
0	C 16	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 17	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 18	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 19	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 20	59.34.4101		100p	CER 63V, 5%, N750
0	C 21	59.22.3470		47u	EL 10V, 20%, RM5
0	C 22	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 23	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 24	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 25	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 26	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 27	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 28	not used		100n	PETP, 63V, 10%, RM5
0	C 29	not used		100n	PETP, 63V, 10%, RM5
0	C 30	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 31	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 32	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	C 33	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 34	59.22.6100		10u	EL 35V, 20%, RM5
0	C 35	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 36	59.22.4221		220u	EL 16V, 20%, RM5
0	C 37	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 38	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 39	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 40	59.22.4221		220u	EL 16V, 20%, RM5
0	C 41	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 42	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 43	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 44	59.06.0104		100n	PETP, 63V, 10%, RM5
0	C 45	59.22.6100		10u	EL 35V, 20%, RM5
0	C 46	not used		47n	PETP, 63V, 10%, RM5
0	C 47	not used		1n	C 1000 P , 20%, 50V , CER
0	C 48	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 49	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 50	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 51	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 52	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 53	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 54	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 55	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 56	59.34.2270		27p	CER 63V, 5%, N150
0	C 57	59.34.0339		3p3	CER 63V, 5%, P100
0	C 58	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 59	59.22.6100		10u	EL 35V, 20%, RM5
0	C 60	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 61	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 62	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 63	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 64	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 65	59.22.6100		10u	EL 35V, 20%, RM5
0	C 66	59.06.0683		68n	PETP, 63V, 10%, RM5
0	C 67	59.34.0339		3p3	CER 63V, 5%, P100
0	C 68	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 69	59.06.0103		10n	PETP, 63V, 10%, RM5
0	C 70	not used		1n	C 1000 P , 20%, 50V , CER
0	C 71	59.34.2270		27p	CER 63V, 5%, N150
0	C 72	59.06.0473		47n	PETP, 63V, 10%, RM5
0	C 73	not used		47n	PETP, 63V, 10%, RM5
0	C 74	59.32.4102		1n	C 1000 P , 20%, 50V , CER
0	D 1	50.04.0127		BAT85	200mA, Schottky
0	D 2	50.04.0127		BAT85	200mA, Schottky
0	D 3	50.04.0127		BAT85	200mA, Schottky
0	D 4	50.04.0127		BAT85	200mA, Schottky
0	D 5	50.04.0127		BAT85	200mA, Schottky
0	D 6	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	D 7	50.04.0125		1N4448	75V, 150mA, 4ns, DO-35
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	F 1	51.01.0119		1.6A	T 5*20 L 250V

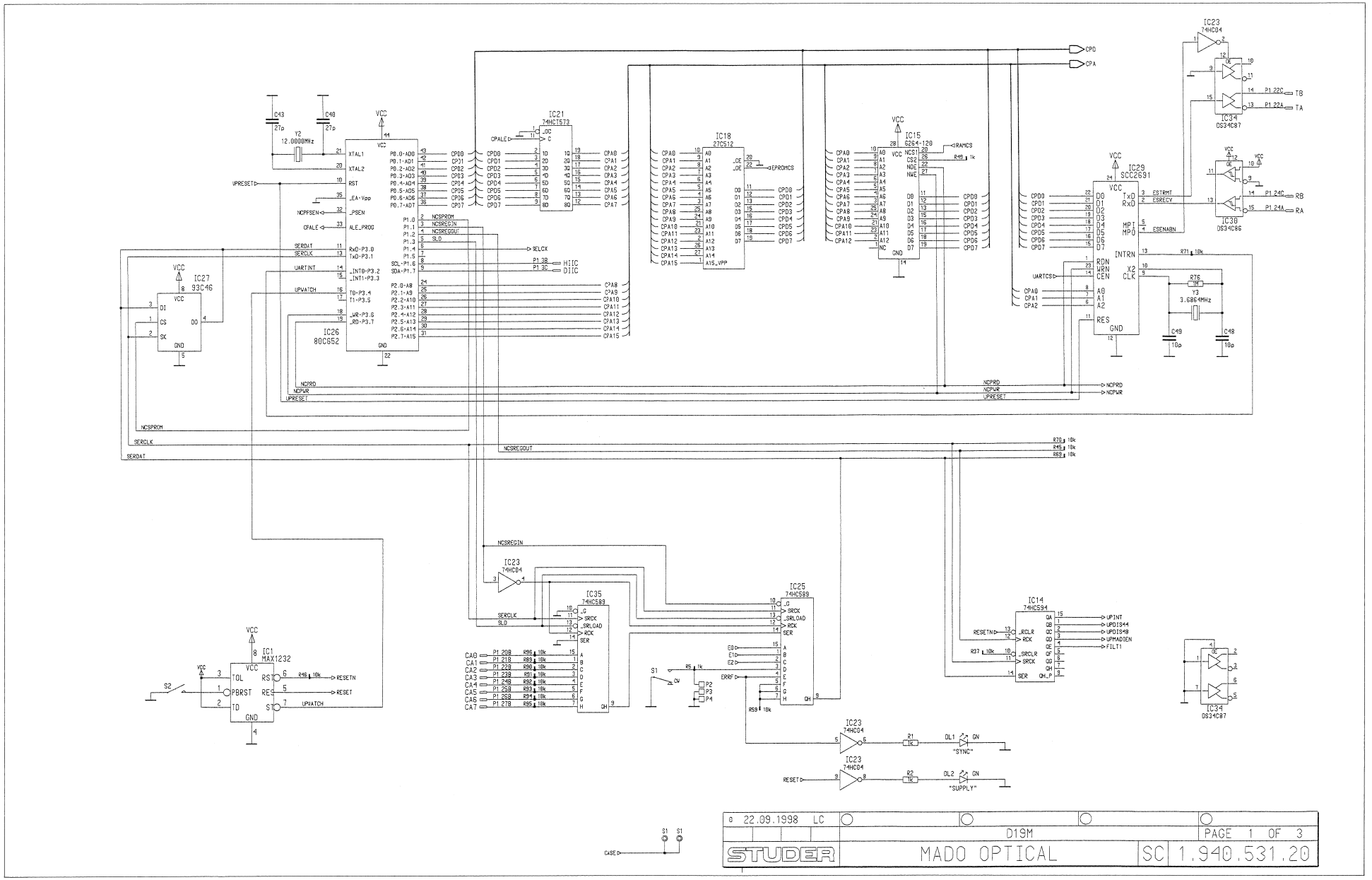
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 1	1.940.946.21			SW 520 MADIOUT (50.14.1501)
0	IC 2	50.13.0203			IC CS 8402-CP ,A
0	IC 3	50.63.4003			IC ATT3C30-125, XC3030A-6 ,A
0	IC 4	50.14.1009		CY7C128-35	IC MCM 2018 A - 35 ,A
0	IC 5	50.17.5652		74AC652	IC .. 74 AC 652 . ,A
0	IC 6	50.13.0202		CS8412	IC CS 8412-CP ,A
0	IC 7	50.17.1574		74HC574	IC ... 74 HC 574 ., ,A
0	IC 8	89.10.0001			DLT 6000 (LWL - MODUL) ,A
0	IC 9	50.17.1595		74HC595	IC ... 74 HC 595 ., ,A
0	IC 10	50.11.1002		LM360	High speed Comparator
0	IC 11	1.940.947.20			SW 520 TAXIREG (50.18.0101)
0	IC 12	50.17.1004		74HC04	IC ... 74 HC 04 ., ,A
0	IC 13	50.10.0124		MAX660	V-Convertar ... +5.5V to -5.5V
0	IC 14	50.63.1702		CY7C130	IC CY7C 130 - 45 LC ,A
0	IC 15	50.17.8541		74BCT541	Octal Buffer, tri
0	IC 16	50.17.8574		74BCT574	Octal D-Type FF, tri
0	IC 17	50.17.8574		74BCT574	Octal D-Type FF, tri
0	IC 18	50.15.0121		75174	IC SN 75174 N
0	IC 19	50.17.1594		74HC594	IC ... 74 HC 594 ., ,A
0	IC 20	50.14.0133		5595	IC HM 6254LP-15 ,A
0	IC 21	1.940.945.20			SW 520 MADO (50.14.2002)
0	IC 22	50.16.0201		SCC2691	IC SCC 2391 AE 1 N 24 ,A
0	IC 23	50.14.2103		HY93C46S	EEPROM 64 * 16, serial
0	IC 24	50.17.0573		74HCT573	IC .. 74 HCT573 ., ,A
0	IC 25	50.63.0009		80C652	8bit microcontroller
0	IC 26	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 27	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 28	50.15.0114		6637	Dual diff Line Receiver
0	IC 29	50.17.1904		74HCU04	IC ... 74 HCU 04 ., ,A
0	IC 30	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	L 1	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	L 2	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	L 3	62.02.3220		22uH	L 22 U , 10%, RAD., RM 5
0	L 4	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	L 5	62.03.0001		10uH	1A Toroid Chocke
0	L 6	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	L 7	62.02.3100		10uH	L 10 U , 10%, RAD., RM 5
0	MP 1	1.940.520.11			D19M MADO PCB
0	MP 2	1.010.057.43			Baugruppenschild
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 4	1.101.001.20		Label	TEXT-ETIK 5*20 HARDWARE -20
0	MP 5	1.010.117.51			TEXT-ETIK 5*20 (T1.60A)
0	MP 7	1.010.015.50		Spacer	ISOLIER-SCHEIBE ZU T0 5
0	MP 8	89.01.1499	3 pcs		QUARZ - SOLIERPLATTE
0	MP 10	1.940.530.01	1 pce		FRONTPLATTE
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs		Z - SCHR IS , ZN , M2.5 * 6
0	MP 18	21.53.0284	1 pce		Z - SCHR IS , ZN , M2.5 * 16
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	54.11.2009		66p	EU-R 3*32p
0	P 2	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	P 3	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	P 4	54.01.0020		1p	Pin 0.63*0.63
0	P 5	54.01.0020		1p	Pin 0.63*0.63
0	P 6	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	P 7	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	P 8	54.02.0320		1p	Flatpin, 2.8*0.8mm
0	Q 1	50.03.0351		BC327-25	PNP, 800mA
0	Q 2	50.03.0351		BC327-25	PNP, 800mA
0	R 1	57.11.3102		1k0	MF, 1%, 0207
0	R 2	57.11.3103		10k	MF, 1%, 0207
0	R 3	57.11.3103		10k	MF, 1%, 0207
0	R 4	57.11.3103		10k	MF, 1%, 0207
0	R 5	57.11.3103		10k	MF, 1%, 0207
0	R 6	57.11.3150		15R	MF, 1%, 0207
0	R 7	57.11.3271		270R	MF, 1%, 0207
0	R 8	57.11.3150		15R	MF, 1%, 0207
0	R 9	57.11.3271		270R	MF, 1%, 0207
0	R 10	57.11.3102		1k0	MF, 1%, 0207
0	R 11	57.11.3103		10k	MF, 1%, 0207
0	R 12	57.11.3102		1k0	MF, 1%, 0207
0	R 13	57.11.3102		1k0	MF, 1%, 0207
0	R 14	57.11.3102		1k0	MF, 1%, 0207
0	R 15	not used		470R	MF, 1%, 0207
0	R 16	57.11.3102		1k0	MF, 1%, 0207
0	R 17	57.11.3223		22k	MF, 1%, 0207
0	R 18	not used		100R	MF, 1%, 0204

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 19	57.11.3102		1k0	MF, 1%, 0207
0	R 20	57.11.3330		33R	MF, 1%, 0207
0	R 21	57.11.3181		180R	MF, 1%, 0207
0	R 22	not used		100R	MF, 1%, 0204
0	R 23	57.11.3223		22k	MF, 1%, 0207
0	R 24	not used		75R	MF, 1%, 0204
0	R 25	not used		75R	MF, 1%, 0204
0	R 26	57.11.3103		10k	MF, 1%, 0207
0	R 27	57.11.3102		1k0	MF, 1%, 0207
0	R 28	57.11.3102		1k0	MF, 1%, 0207
0	R 29	57.11.3222		2k2	MF, 1%, 0207
0	R 30	57.11.3222		2k2	MF, 1%, 0207
0	R 31	57.11.3102		1k0	MF, 1%, 0207
0	R 32	57.11.3103		10k	MF, 1%, 0207
0	R 33	57.11.3103		10k	MF, 1%, 0207
0	R 34	57.11.3103		10k	MF, 1%, 0207
0	R 35	57.11.3102		1k0	MF, 1%, 0207
0	R 36	57.11.3105		1M0	MF, 1%, 0207
0	R 37	57.11.3561		560R	MF, 1%, 0207
0	R 38	57.11.3473		47k	MF, 1%, 0207
0	R 39	57.11.3103		10k	MF, 1%, 0207
0	R 40	57.11.3473		47k	MF, 1%, 0207
0	R 41	57.11.3561		560R	MF, 1%, 0207
0	RZ 1	57.88.4102		8*1k	2%, SIP 9
0	RZ 2	57.88.4102		8*1k	2%, SIP 9
0	RZ 3	57.88.4102		8*1k	2%, SIP 9
0	RZ 4	57.88.4102		8*1k	2%, SIP 9
0	RZ 5	57.88.4102		8*1k	2%, SIP 9
0	RZ 6	57.88.4333		8*33k	2%, SIP 9
0	S 1	56.11.0202		SPST	Toggle on - none - on
0	S 2	56.03.0122		1*a	S 1 TASTE, 1*A, PRINT,IMPULS
0	T 1	63.15.0021			RF - Trafo
0	T 2	63.15.0021			RF - Trafo
0	T 3	not used			IMPULSTRANSFORMATOR
0	W 1	1.010.324.64		Wire	DRAHTBRUECKE U, 4.3*10.2, 0.6
0	W 2	1.010.324.64		Wire	DRAHTBRUECKE U, 4.3*10.2, 0.6
0	XDL 1	50.20.2501		Space	LED-Sockel
0	XDL 2	50.20.2501		Space	LED-Sockel
0	XF 1	53.03.0118			XF 5 * 20, PRINT-LIEGEND
0	XIC 1	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 3	53.03.2284		PLCC84p	PLCC-Socket 84p
0	XIC 11	53.03.0182		24p	DIL 0.3", löt, gerade
0	XIC 14	53.03.2252		PLCC52p	PLCC-Socket 52p
0	XIC 15	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 16	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 17	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 18	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 21	53.03.0173		28p	DIL 0.6", löt, gerade
0	XIC 25	53.03.2244		PLCC44p	PLCC-Socket 44p
0	XIC 28	53.03.0166		8p	DIL 0.3", löt, gerade
0	Y 1	89.01.1013		12.500MHz	12.500 000 MHz, HC 49/U
0	Y 2	89.01.1602		11.2896MHz	TCXO Xtal-Oscillator temp comp
0	Y 3	89.01.1601		12.288MHz	TCXO Xtal-Oscillator temp comp
0	Y 4	89.01.1014		12.000MHz	12.000 000 MHz, HC 49/U
0	Y 5	89.01.1002		3.686MHz	3.686 400 MHz, HC 18/U

End of List

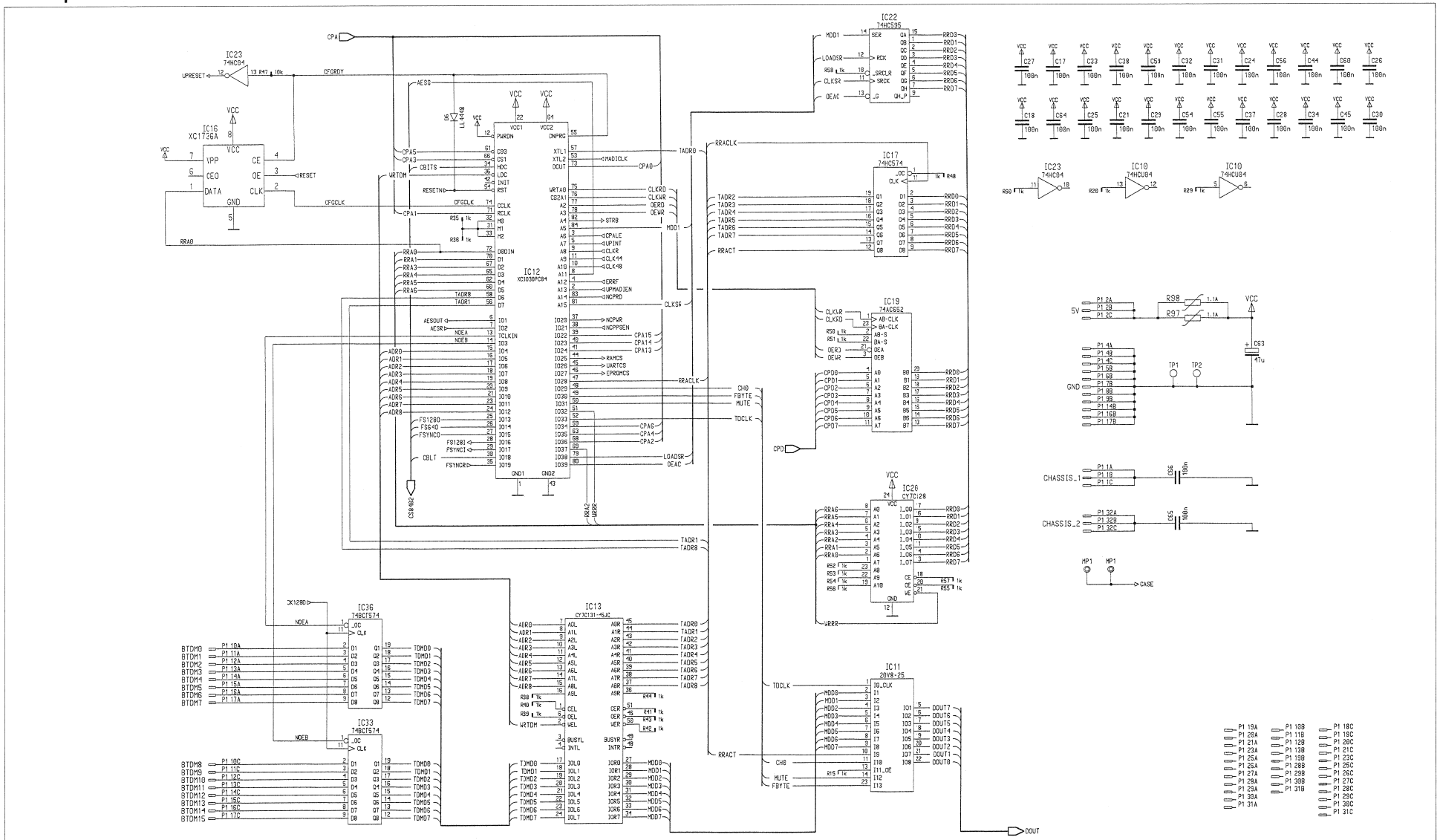
Comments:
new software 1.940.947-20 to -21

Mado Optical 1.940.531.20



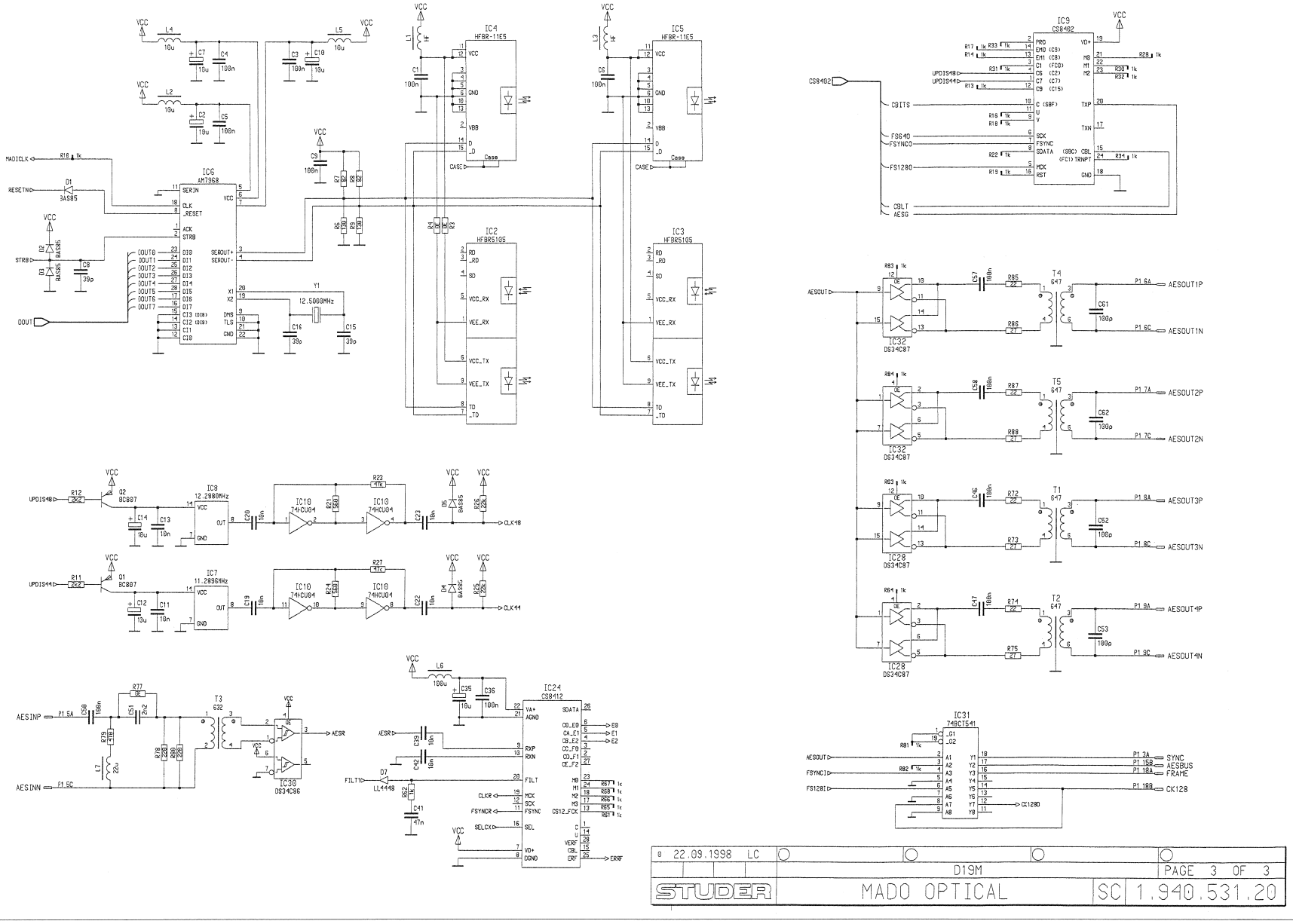
0 22.09.1998 LC				PAGE 1 OF 3
		D19M		
STUDER	MADO OPTICAL		SC	1.940.531.20

Mado Optical 1.940.531.20



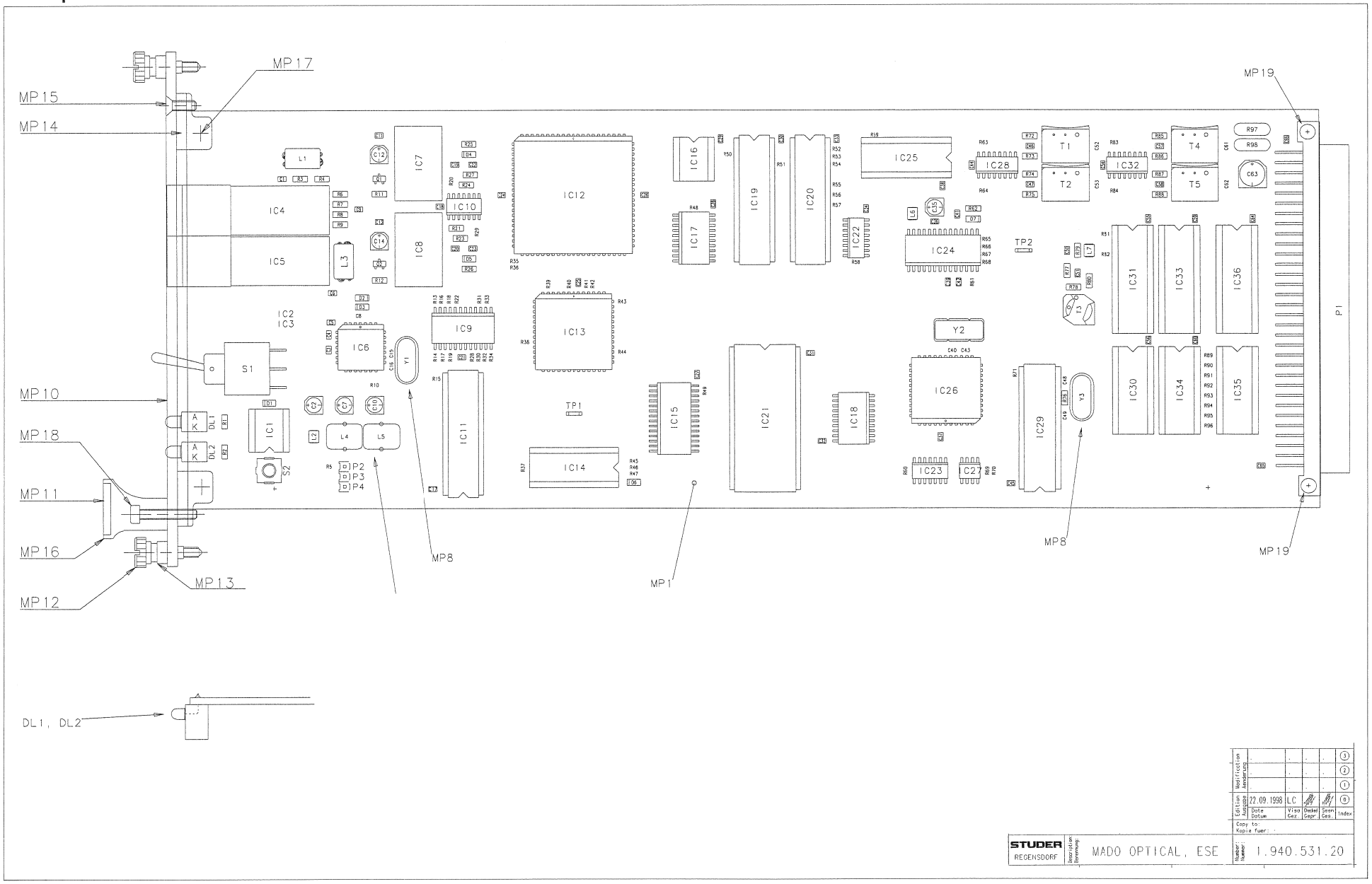
0	22.09.1998	LC		
			D19M	PAGE 2 OF 3
STUDER			MADO OPTICAL	SC 1.940.531.20

Mado Optical 1.940.531.20



0 22.09.1998 LC			
	D19M		PAGE 3 OF 3
STUDER	MADO OPTICAL	SC	1.940.531.20

Mado Optical 1.940.531.20



Modification Aenderung						4
						3
						2
						1
Edition Ausgabe	22.09.1998	LC				0
	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.		Index

Copy to, Kopie fuer:

STUDER REGENSDORF | Description Benennung: MADO OPTICAL, ESE | Number Nummer: 1.940.531.20

Mado Optical 1.940.531.20

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.68.0065		10u	C-EL 16V, 4.0*5.7
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.68.0065		10u	C-EL 16V, 4.0*5.7
0	C 8	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.68.0065		10u	C-EL 16V, 4.0*5.7
0	C 11	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 12	59.68.0065		10u	C-EL 16V, 4.0*5.7
0	C 13	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 14	59.68.0065		10u	C-EL 16V, 4.0*5.7
0	C 15	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 35	59.68.0065		10u	C-EL 16V, 4.0*5.7
0	C 36	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 37	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 41	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 46	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 47	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.2225		10p	CER 50V, 5%, C0G, 0603
0	C 49	59.60.2225		10p	CER 50V, 5%, C0G, 0603
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 52	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 53	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 54	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 56	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 57	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 58	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 59	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 60	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 61	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 62	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 63	59.68.0069		47u	C-EL 16V, 6.3*5.7
0	C 64	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 65	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 66	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 2	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 3	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 4	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 5	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001		4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	IC 1	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	IC 2	not used		HFBR5105	LWL Transceiver FDDI/MADI
0	IC 3	not used		HFBR5105	LWL Transceiver FDDI/MADI
0	IC 4	89.10.0022		HFBR11E5	LWL Transmitter FDDI
0	IC 5	not used		HFBR11E5	LWL Transmitter FDDI
0	IC 6	50.63.0204		AM7968	TAXI Chip Transmitter
0	IC 7	89.01.1602		11.2896MHz	TCXO Xtal-Oscillator temp comp
0	IC 8	89.01.1601		12.288MHz	TCXO Xtal-Oscillator temp comp
0	IC 9	50.62.0910		CS8402A	Dig audio interface transmitt

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 10	50.62.1904		74HCU04	Hex inverter unbuffered
0	IC 11	1.940.947.20			SW 520 TAXIREG (50.18.0101)
0	IC 12	50.63.4002		XC3030A-7	LCA 3000 / 3000 PLCC84
0	IC 13	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0	IC 14	50.17.1594		74HC594	IC ... 74 HC 594 ., ,A
0	IC 15	50.63.1502		6264	SRAM 8K*8, 120ns
0	IC 16	1.940.946.21			SW 520 MADIOUT (50.14.1501)
0	IC 17	50.62.1574		74HC574	Octal D-FF
0	IC 18	50.62.3573		74HCT573	Octal D-type latch
0	IC 19	50.17.5652		74AC652	Octal Bus Reg/Transceiver
0	IC 20	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 21	1.940.946.20			SW 520 MADO (50.14.2002)
0	IC 22	50.62.1595		74HC595	8bit shift/output register
0	IC 23	50.62.1004		74HC 04	Hex inverter
0	IC 24	50.62.0913		CS8412	AES-Receiver
0	IC 25	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 26	50.63.0009		80C852	MPU 8bit
0	IC 27	50.63.1108		93C46	EEPROM 64*16, SO 8
0	IC 28	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 29	50.16.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0	IC 30	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 31	50.17.8541		74BCT541	Octal Buffer, tri
0	IC 32	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 33	50.17.8574		74BCT574	Octal D-Type FF, tri
0	IC 34	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 35	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 36	50.17.8574		74BCT574	Octal D-Type FF, tri
0	L 1	62.60.0902			SMD Wideband choke
0	L 2	62.60.0113		10uH	10%, SMD 1210
0	L 3	not used			SMD Wideband choke
0	L 4	62.03.0001		10uH	1A Toroid Chocke
0	L 5	62.03.0001		10uH	1A Toroid Chocke
0	L 6	62.60.0125		100uH	10%, SMD 1210
0	L 7	not used		22uH	10%, SMD 1210
0	MP 1	1.940.531.11			MADO optical PCB
0	MP 2	1.940.531.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 8	89.01.1499	2 pcs		QUARZ - ISOLIERPLATTE
0	MP 10	1.940.531.01	1 pce		Frontplatte
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter (Rack)
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	54.11.2009		96p	EU-R 3*32p
0	P 2	not used		1p	Pin 0.63*0.63
0	P 3	not used		1p	Pin 0.63*0.63
0	P 4	not used		1p	Pin 0.63*0.63
0	Q 1	50.60.1050		BC807-25	PNP 45V 800mA SOT 23
0	Q 2	50.60.1050		BC807-25	PNP 45V 800mA SOT 23
0	R 1	57.60.1102		1K	MF, 1%, 0204, E24
0	R 2	57.60.1102		1K	MF, 1%, 0204, E24
0	R 3	not used		0R0	MF, 0204
0	R 4	not used		0R0	MF, 0204
0	R 5	57.69.1073		1k0	CF 5% 0603
0	R 6	57.60.1131		130R	MF, 1%, 0204, E24
0	R 7	57.60.1820		82R	MF, 1%, 0204, E24
0	R 8	57.60.1820		82R	MF, 1%, 0204, E24
0	R 9	57.60.1131		130R	MF, 1%, 0204, E24
0	R 10	57.69.1073		1k0	CF 5% 0603
0	R 11	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 12	57.60.1222		2K2	MF, 1%, 0204, E24
0	R 13	57.69.1073		1k0	CF 5% 0603
0	R 14	57.69.1073		1k0	CF 5% 0603
0	R 15	57.69.1073		1k0	CF 5% 0603
0	R 16	57.69.1073		1k0	CF 5% 0603
0	R 17	57.69.1073		1k0	CF 5% 0603
0	R 18	57.69.1073		1k0	CF 5% 0603
0	R 19	57.69.1073		1k0	CF 5% 0603
0	R 20	57.69.1073		1k0	CF 5% 0603
0	R 21	57.60.1561		560R	MF, 1%, 0204, E24
0	R 22	57.69.1073		1k0	CF 5% 0603
0	R 23	57.60.1473		47K	MF, 1%, 0204, E24
0	R 24	57.60.1561		560R	MF, 1%, 0204, E24
0	R 25	57.60.1223		22K	MF, 1%, 0204, E24
0	R 26	57.60.1223		22K	MF, 1%, 0204, E24
0	R 27	57.60.1473		47K	MF, 1%, 0204, E24
0	R 28	57.69.1073		1k0	CF 5% 0603

Mado Optical 1.940.531.20

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 29	57.69.1073		1k0	CF 5% 0603
0	R 30	57.69.1073		1k0	CF 5% 0603
0	R 31	57.69.1073		1k0	CF 5% 0603
0	R 32	57.69.1073		1k0	CF 5% 0603
0	R 33	57.69.1073		1k0	CF 5% 0603
0	R 34	57.69.1073		1k0	CF 5% 0603
0	R 35	not used		1k0	CF 5% 0603
0	R 36	57.69.1073		1k0	CF 5% 0603
0	R 37	57.69.1097		10k	CF 5% 0603
0	R 38	57.69.1073		1k0	CF 5% 0603
0	R 39	57.69.1073		1k0	CF 5% 0603
0	R 40	57.69.1073		1k0	CF 5% 0603
0	R 41	57.69.1073		1k0	CF 5% 0603
0	R 42	57.69.1073		1k0	CF 5% 0603
0	R 43	57.69.1073		1k0	CF 5% 0603
0	R 44	57.69.1073		1k0	CF 5% 0603
0	R 45	57.69.1097		10k	CF 5% 0603
0	R 46	57.69.1097		10k	CF 5% 0603
0	R 47	57.69.1097		10k	CF 5% 0603
0	R 48	57.69.1073		1k0	CF 5% 0603
0	R 49	57.69.1073		1k0	CF 5% 0603
0	R 50	57.69.1073		1k0	CF 5% 0603
0	R 51	57.69.1073		1k0	CF 5% 0603
0	R 52	57.69.1073		1k0	CF 5% 0603
0	R 53	57.69.1073		1k0	CF 5% 0603
0	R 54	57.69.1073		1k0	CF 5% 0603
0	R 55	57.69.1073		1k0	CF 5% 0603
0	R 56	57.69.1073		1k0	CF 5% 0603
0	R 57	57.69.1073		1k0	CF 5% 0603
0	R 58	57.69.1073		1k0	CF 5% 0603
0	R 59	57.69.1097		10k	CF 5% 0603
0	R 60	57.69.1073		1k0	CF 5% 0603
0	R 61	57.69.1073		1k0	CF 5% 0603
0	R 62	57.60.1102		1K	MF, 1%, 0204, E24
0	R 63	57.69.1073		1k0	CF 5% 0603
0	R 64	57.69.1073		1k0	CF 5% 0603
0	R 65	57.69.1073		1k0	CF 5% 0603
0	R 66	57.69.1073		1k0	CF 5% 0603
0	R 67	57.69.1073		1k0	CF 5% 0603
0	R 68	57.69.1073		1k0	CF 5% 0603
0	R 69	57.69.1097		10k	CF 5% 0603
0	R 70	57.69.1097		10k	CF 5% 0603
0	R 71	57.69.1097		10k	CF 5% 0603
0	R 72	57.60.1220		22R	MF, 1%, 0204, E24
0	R 73	57.60.1270		27R	MF, 1%, 0204, E24
0	R 74	57.60.1220		22R	MF, 1%, 0204, E24
0	R 75	57.60.1270		27R	MF, 1%, 0204, E24
0	R 76	57.60.1105		1M	MF, 1%, 0204, E24
0	R 77	57.60.1000		0R0	MF, 0204
0	R 78	57.60.1221		220R	MF, 1%, 0204, E24
0	R 79	not used		470R	MF, 1%, 0204, E24
0	R 80	57.60.1221		220R	MF, 1%, 0204, E24
0	R 81	57.69.1073		1k0	CF 5% 0603
0	R 82	57.69.1073		1k0	CF 5% 0603
0	R 83	57.69.1073		1k0	CF 5% 0603
0	R 84	57.69.1073		1k0	CF 5% 0603
0	R 85	57.60.1220		22R	MF, 1%, 0204, E24
0	R 86	57.60.1270		27R	MF, 1%, 0204, E24
0	R 87	57.60.1220		22R	MF, 1%, 0204, E24
0	R 88	57.60.1270		27R	MF, 1%, 0204, E24
0	R 89	57.69.1097		10k	CF 5% 0603

Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 90	57.69.1097		10k	CF 5% 0603
0	R 91	57.69.1097		10k	CF 5% 0603
0	R 92	57.69.1097		10k	CF 5% 0603
0	R 93	57.69.1097		10k	CF 5% 0603
0	R 94	57.69.1097		10k	CF 5% 0603
0	R 95	57.69.1097		10k	CF 5% 0603
0	R 96	57.69.1097		10k	CF 5% 0603
0	R 97	57.92.7051		1.1A	POLY- PTC, 30V
0	R 98	57.92.7051		1.1A	POLY- PTC, 30V
0	S 1	55.11.0202		SPDT	Toggle on - none - on
0	S 2	55.60.0201		1*s	SMD Tactswitch
0	T 1	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	TP 2	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XIC 11	53.03.0182		24p	DIL 0.3", löt, gerade
0	XIC 16	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 21	53.03.0173		28p	DIL 0.6", löt, gerade
0	Y 1	89.01.1013		12.500MHz	12.500 000 MHz, HC 49/U
0	Y 2	89.60.1003		12.000MHz	SMD Quartz
0	Y 3	89.01.1002		3.686MHz	3.686 400 MHz, HC 18/U

End of List

Comments

MADO optical dual output 1.940.532.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 3	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 8	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 11	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 12	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 13	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 14	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 15	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.2239		39p	CER 50V, 5%, C0G, 0603
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 35	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 36	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 37	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 41	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.2235		27p	CER 50V, 5%, C0G, 0603
0	C 44	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 46	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 47	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.2225		10p	CER 50V, 5%, C0G, 0603
0	C 49	59.60.2225		10p	CER 50V, 5%, C0G, 0603
0	C 50	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 52	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 53	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 54	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 55	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 56	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 57	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 58	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 59	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 60	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 61	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 62	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 63	59.68.0069		47u	EL 16V, 6.3*5.7
0	C 64	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 65	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 66	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 2	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 3	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 4	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 5	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0	D 6	50.60.8001		4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001		4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	IC 1	50.11.0159		MAX1232	IC MAX 1232 CPA, DS 1232
0	IC 2	not used		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 3	not used		HFBR5103	LWL Transceiver FDDI/MADI
0	IC 4	89.10.0022		HFBR11E5	LWL Transmitter FDDI
0	IC 5	89.10.0022		HFBR11E5	LWL Transmitter FDDI
0	IC 6	50.63.0204		AM7968	TAXI Chip Transmitter
0	IC 7	89.01.1602		11.2896MHz	TCXO Xtal-Oscillator temp comp
0	IC 8	89.01.1601		12.288MHz	TCXO Xtal-Oscillator temp comp
0	IC 9	50.62.0910		CS8402A	Dig audio interface transmitt
0	IC 10	50.62.1904		74HCU04	Hex inverter unbuffered
0	IC 11	1.940.947.20			SW 520 TAXIREG (50.18.0101)
0	IC 12	50.63.4002		XC3030A-7	LCA 3000 / 3000 PLCC84
0	IC 13	50.63.1702		CY7C130	Dualport SRAM, 1K*8
0	IC 14	50.17.1594		74HC594	IC ... 74 HC 594 ., ,A
0	IC 15	50.63.1502		6264	SRAM 8K*8, 120ns
0	IC 16	1.940.946.21			SW 520 MADIOUT (50.14.1501)
0	IC 17	50.62.1574		74HC574	Octal D-FF
0	IC 18	50.62.3573		74HCT573	Octal D-type latch
0	IC 19	50.17.5652		74AC652	Octal Bus Reg/Transceiver
0	IC 20	50.14.1009		7C128A	SRAM 2K*8 35ns
0	IC 21	1.940.945.20			SW 520 MADO (50.14.2002)
0	IC 22	50.62.1595		74HC595	8bit shift/output register
0	IC 23	50.62.1004		74HC 04	Hex inverter
0	IC 24	50.62.0913		CS8412	AES-Receiver
0	IC 25	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 26	50.63.0009		80C652	MPU 8bit
0	IC 27	50.63.1108		93C46	EEPROM 64*16, SO 8
0	IC 28	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 29	50.16.0201		SCC2691	IC SCC 2691 AE 1 N 24 ,A
0	IC 30	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 31	50.17.8541		74BCT541	Octal Buffer, tri
0	IC 32	50.62.0464		DS34C87	4*RS 422 Line Driver
0	IC 33	50.17.8574		74BCT574	Octal D-Type FF, tri
0	IC 34	50.15.0127		34C87	IC DS 34 C 87 TN, MC34C87P ,A
0	IC 35	50.17.1589		74HC589	MC 74 HC 589 N
0	IC 36	50.17.8574		74BCT574	Octal D-Type FF, tri
0	L 1	62.60.0902			SMD Wideband choke
0	L 2	62.60.0113		10uH	SMD 10% 1210
0	L 3	62.60.0902			SMD Wideband choke
0	L 4	62.03.0001		10uH	1A Toroid Chocke
0	L 5	62.03.0001		10uH	1A Toroid Chocke
0	L 6	62.60.0125		100uH	SMD 10% 1210
0	L 7	not used		22uH	SMD 10% 1210
0	MP 1	1.940.531.11			MADO optical PCB
0	MP 2	1.940.532.04			TYPENSCHILD
0	MP 3	43.01.0108		Label	ESE-WARNSCHILD
0	MP 8	89.01.1499	2 pcs		QUARZ - ISOLIERPLATTE
0	MP 10	1.940.532.01	1 pce		Frontplatte MADO opt dual out
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	21.53.0279	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	54.11.2009		96p	EU-R 3*32p
0	P 2	not used		1p	Pin, 1reihig, gerade
0	P 3	not used		1p	Pin, 1reihig, gerade
0	P 4	not used		1p	Pin, 1reihig, gerade
0	Q 1	50.60.1050		BC807-25	PNP 45V 800mA SOT 23
0	Q 2	50.60.1050		BC807-25	PNP 45V 800mA SOT 23
0	R 1	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 2	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 3	not used		0R0	MF, 0204
0	R 4	not used		0R0	MF, 0204
0	R 5	57.69.1073		1k0	CF 5% 0603
0	R 6	57.60.1131		130R	MF, 1%, 0204, E24
0	R 7	57.60.1820		82R	MF, 1%, 0204, E24
0	R 8	57.60.1820		82R	MF, 1%, 0204, E24
0	R 9	57.60.1131		130R	MF, 1%, 0204, E24
0	R 10	57.69.1073		1k0	CF 5% 0603
0	R 11	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 12	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 13	57.69.1073		1k0	CF 5% 0603
0	R 14	57.69.1073		1k0	CF 5% 0603
0	R 15	57.69.1073		1k0	CF 5% 0603
0	R 16	57.69.1073		1k0	CF 5% 0603
0	R 17	57.69.1073		1k0	CF 5% 0603
0	R 18	57.69.1073		1k0	CF 5% 0603
0	R 19	57.69.1073		1k0	CF 5% 0603
0	R 20	57.69.1073		1k0	CF 5% 0603
0	R 21	57.60.1561		560R	MF, 1%, 0204, E24
0	R 22	57.69.1073		1k0	CF 5% 0603
0	R 23	57.60.1473		47k	MF, 1%, 0204, E24
0	R 24	57.60.1561		560R	MF, 1%, 0204, E24
0	R 25	57.60.1223		22k	MF, 1%, 0204, E24
0	R 26	57.60.1223		22k	MF, 1%, 0204, E24
0	R 27	57.60.1473		47k	MF, 1%, 0204, E24
0	R 28	57.69.1073		1k0	CF 5% 0603
0	R 29	57.69.1073		1k0	CF 5% 0603
0	R 30	57.69.1073		1k0	CF 5% 0603
0	R 31	57.69.1073		1k0	CF 5% 0603
0	R 32	57.69.1073		1k0	CF 5% 0603
0	R 33	57.69.1073		1k0	CF 5% 0603
0	R 34	57.69.1073		1k0	CF 5% 0603
0	R 35	not used		1k0	CF 5% 0603
0	R 36	57.69.1073		1k0	CF 5% 0603

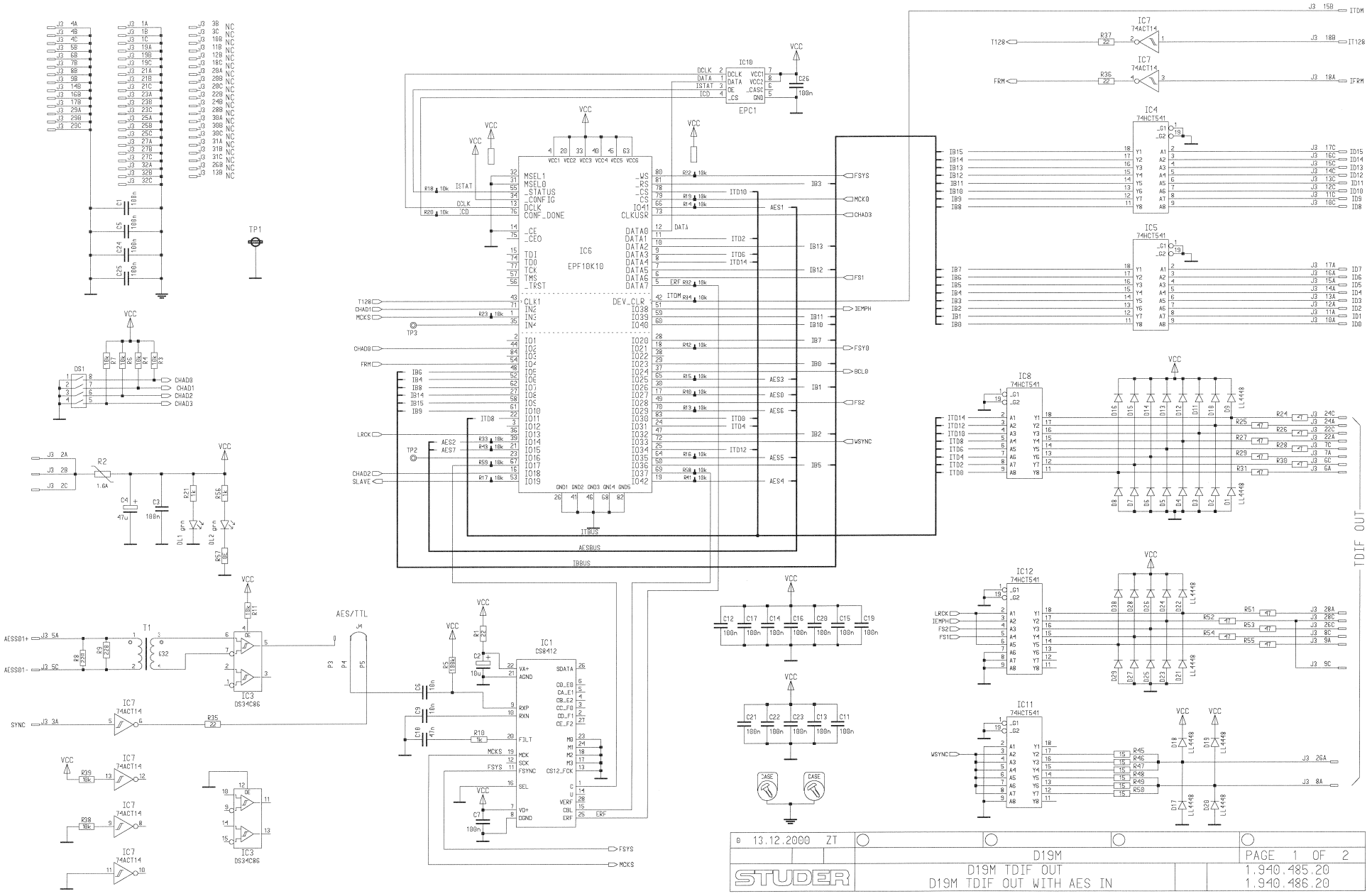
MADO optical dual output 1.940.532.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 37	57.69.1097		10k	CF 5% 0603
0	R 38	57.69.1073		1k0	CF 5% 0603
0	R 39	57.69.1073		1k0	CF 5% 0603
0	R 40	57.69.1073		1k0	CF 5% 0603
0	R 41	57.69.1073		1k0	CF 5% 0603
0	R 42	57.69.1073		1k0	CF 5% 0603
0	R 43	57.69.1073		1k0	CF 5% 0603
0	R 44	57.69.1073		1k0	CF 5% 0603
0	R 45	57.69.1097		10k	CF 5% 0603
0	R 46	57.69.1097		10k	CF 5% 0603
0	R 47	57.69.1097		10k	CF 5% 0603
0	R 48	57.69.1073		1k0	CF 5% 0603
0	R 49	57.69.1073		1k0	CF 5% 0603
0	R 50	57.69.1073		1k0	CF 5% 0603
0	R 51	57.69.1073		1k0	CF 5% 0603
0	R 52	57.69.1073		1k0	CF 5% 0603
0	R 53	57.69.1073		1k0	CF 5% 0603
0	R 54	57.69.1073		1k0	CF 5% 0603
0	R 55	57.69.1073		1k0	CF 5% 0603
0	R 56	57.69.1073		1k0	CF 5% 0603
0	R 57	57.69.1073		1k0	CF 5% 0603
0	R 58	57.69.1073		1k0	CF 5% 0603
0	R 59	57.69.1097		10k	CF 5% 0603
0	R 60	57.69.1073		1k0	CF 5% 0603
0	R 61	57.69.1073		1k0	CF 5% 0603
0	R 62	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 63	57.69.1073		1k0	CF 5% 0603
0	R 64	57.69.1073		1k0	CF 5% 0603
0	R 65	57.69.1073		1k0	CF 5% 0603
0	R 66	57.69.1073		1k0	CF 5% 0603
0	R 67	57.69.1073		1k0	CF 5% 0603
0	R 68	57.69.1073		1k0	CF 5% 0603
0	R 69	57.69.1097		10k	CF 5% 0603
0	R 70	57.69.1097		10k	CF 5% 0603
0	R 71	57.69.1097		10k	CF 5% 0603
0	R 72	57.60.1220		22R	MF, 1%, 0204, E24
0	R 73	57.60.1270		27R	MF, 1%, 0204, E24
0	R 74	57.60.1220		22R	MF, 1%, 0204, E24
0	R 75	57.60.1270		27R	MF, 1%, 0204, E24
0	R 76	57.60.1105		1M	MF, 1%, 0204, E24
0	R 77	57.60.1000		0R0	MF, 0204
0	R 78	57.60.1221		220R	MF, 1%, 0204, E24
0	R 79	not used		470R	MF, 1%, 0204, E24
0	R 80	57.60.1221		220R	MF, 1%, 0204, E24
0	R 81	57.69.1073		1k0	CF 5% 0603
0	R 82	57.69.1073		1k0	CF 5% 0603
0	R 83	57.69.1073		1k0	CF 5% 0603
0	R 84	57.69.1073		1k0	CF 5% 0603
0	R 85	57.60.1220		22R	MF, 1%, 0204, E24
0	R 86	57.60.1270		27R	MF, 1%, 0204, E24
0	R 87	57.60.1220		22R	MF, 1%, 0204, E24
0	R 88	57.60.1270		27R	MF, 1%, 0204, E24
0	R 89	57.69.1097		10k	CF 5% 0603
0	R 90	57.69.1097		10k	CF 5% 0603
0	R 91	57.69.1097		10k	CF 5% 0603
0	R 92	57.69.1097		10k	CF 5% 0603
0	R 93	57.69.1097		10k	CF 5% 0603
0	R 94	57.69.1097		10k	CF 5% 0603
0	R 95	57.69.1097		10k	CF 5% 0603
0	R 96	57.69.1097		10k	CF 5% 0603
0	R 97	57.92.7051		1.1A	PTC 30V
0	R 98	57.92.7051		1.1A	PTC 30V
0	S 1	55.11.0202		SPDT	Toggle 1 * on-none-on
0	S 2	55.60.0201		1*s	SMD Tactswitch
0	T 1	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 2	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 3	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 4	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	T 5	1.022.647.00		1:1.4	OUTPUT TRAFO AES/EBU
0	TP 1	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	TP 2	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XDL 2	50.20.2501		Spacer	LED-Sockel
0	XIC 11	53.03.0182		24p	DIL 0.3", löt, gerade
0	XIC 16	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 21	53.03.0173		28p	DIL 0.6", löt, gerade
0	Y 1	89.01.1013		12.500MHz	XTAL HC 49/U
0	Y 2	89.60.1003		12.000MHz	SMD Quartz
0	Y 3	89.01.1002		3.6864MHz	XTAL HC 18 U

End of List

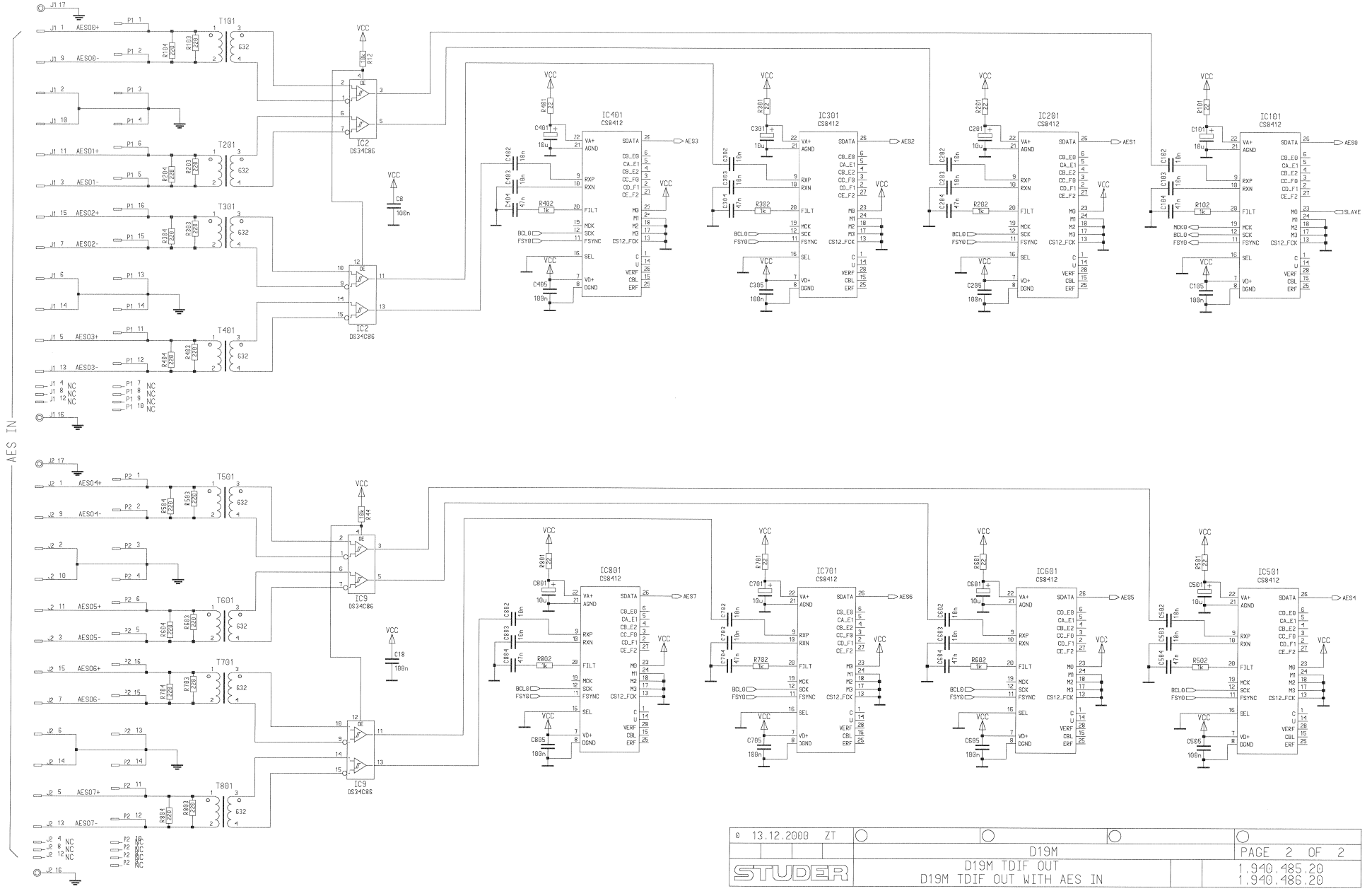
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

TDIFO, TDIF Interface 1.940.485.20 (0); TDIF Interface w. AES In 1.940.486.20 (0)



Date printed: 30.09.02

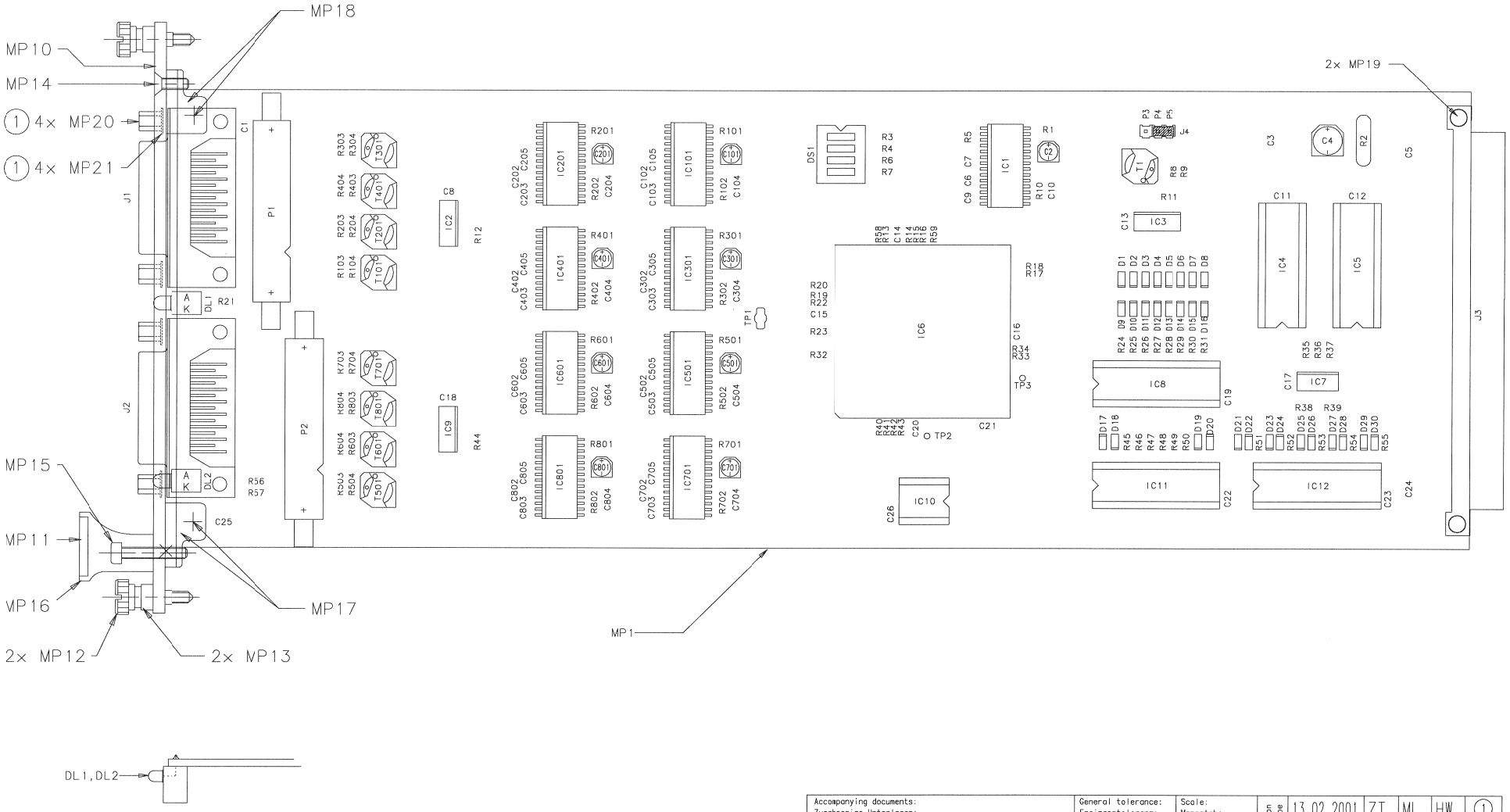
TDIFO, TDIF Interface 1.940.485.20 (0); TDIF Interface w. AES In 1.940.486.20 (0)



0 13.12.2000 ZT				
	D19M			PAGE 2 OF 2
STUDER	D19M TDIF OUT D19M TDIF OUT WITH AES IN			1.940.485.20 1.940.486.20

Date printed: 30.09.02

TDIFO, TDIF Interface 1.940.485.20 (0); TDIF Interface w. AES In 1.940.486.20 (0)



Accompanying documents: Zugehoerige Unterlagen: PL	General tolerance: Freimasstoleranz: .	Scale: Massstab: .	Edition Ausgabe	13.02.2001 Date Datum	ZT Visa Gez.	ML Checked Gepr.	HW Seen Ges.	1 Index
Substitute for: Ersatz fuer: 1.940.485.20 / 486.20 Index 0			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: D19M TDIF OUT BOARD, ESE D19M TDIF OUT WITH AES IN BOARD, ESE		Number: Nummer:	1.940.485.20 1.940.486.20				

Date printed: 30.09.02

TDIFO, TDIF Out 1.940.485.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 5	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 6	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 7	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 8	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 9	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 10	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 13	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 16	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 18	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 101	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 102	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 103	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 104	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 105	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 201	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 202	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 203	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 204	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 205	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 301	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 302	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 303	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 304	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 305	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 401	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 402	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 403	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 404	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 405	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 501	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 502	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 503	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 504	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 505	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 601	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 602	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 603	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 604	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 605	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 701	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 702	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 703	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 704	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 705	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 801	not used	1 pce	10u	EL 16V, 4.0*5.7
0	C 802	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 803	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 804	not used	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 805	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 11	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 12	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 13	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 14	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 15	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 16	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 17	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 18	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 19	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 20	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 21	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 22	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 23	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 24	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 25	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 26	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 27	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 28	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 29	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 30	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DL 1	not used	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 2	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DS 1	55.01.0164	1 pce	4*a	DIL-Switch, PCB
0	IC 1	not used	1 pce	CS8412	AES-Receiver
0	IC 2	not used	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 3	not used	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 4	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 5	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 6	50.63.4210	1 pce	EPF10K10	PLD 10 000 gates
0	IC 7	50.62.6014	1 pce	74ACT 14	Hex inverting Schmitt trigger
0	IC 8	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 9	not used	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 10	1.940.986.20	1 pce		SW485 TDIFOUT (50.63.4298)
0	IC 11	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 12	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 101	not used	1 pce	CS8412	AES-Receiver
0	IC 201	not used	1 pce	CS8412	AES-Receiver
0	IC 301	not used	1 pce	CS8412	AES-Receiver
0	IC 401	not used	1 pce	CS8412	AES-Receiver
0	IC 501	not used	1 pce	CS8412	AES-Receiver
0	IC 601	not used	1 pce	CS8412	AES-Receiver
0	IC 701	not used	1 pce	CS8412	AES-Receiver
0	IC 801	not used	1 pce	CS8412	AES-Receiver
0	J 1	not used	1 pce	15p	D-Sub, PCB, Winkel
0	J 2	not used	1 pce	15p	D-Sub, PCB, Winkel
0	J 3	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 4	not used	1 pce	Jumper	0.63*0.63mm, Au
0	MP 1	1.940.485.11	1 pce		D19M TDIF OUT PCB
0	MP 2	1.940.485.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 10	1.940.485.01	1 pce		FRONTPLATTE TDIF OUT
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 15	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	49.02.0522	1 pce		Kartenhalter mit Z-Schr
0	MP 18	49.02.0522	1 pce		Kartenhalter mit Z-Schr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	P 1	not used	1 pce	16p	Stecker gerade Au
0	P 2	not used	1 pce	16p	Stecker gerade Au
0	P 3	not used	1 pce	1p	Pin, 1reihig, gerade
0	P 4	not used	1 pce	1p	Pin, 1reihig, gerade
0	P 5	not used	1 pce	1p	Pin, 1reihig, gerade
0	R 1	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 2	57.92.7053	1 pce	1.6A	PTC 30V
0	R 3	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 4	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 5	not used	1 pce	100k	MF, 1%, 0204, E24
0	R 6	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 7	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 8	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 9	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 10	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 11	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 12	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 13	57.69.1097	1 pce	10k	CF 5% 0603
0	R 14	57.69.1097	1 pce	10k	CF 5% 0603
0	R 15	57.69.1097	1 pce	10k	CF 5% 0603
0	R 16	57.69.1097	1 pce	10k	CF 5% 0603
0	R 17	57.69.1097	1 pce	10k	CF 5% 0603
0	R 18	57.69.1097	1 pce	10k	CF 5% 0603
0	R 19	57.69.1097	1 pce	10k	CF 5% 0603
0	R 20	57.69.1097	1 pce	10k	CF 5% 0603
0	R 21	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 22	57.69.1097	1 pce	10k	CF 5% 0603
0	R 23	57.69.1097	1 pce	10k	CF 5% 0603
0	R 24	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 25	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 26	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 27	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 28	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 29	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 30	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 31	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 32	57.69.1097	1 pce	10k	CF 5% 0603
0	R 33	57.69.1097	1 pce	10k	CF 5% 0603

TDIFO, TDIF Out 1.940.485.20 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 34	57.69.1097	1 pce	10k	CF 5% 0603
0	R 35	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 36	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 37	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 38	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 39	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 40	57.69.1097	1 pce	10k	CF 5% 0603
0	R 41	57.69.1097	1 pce	10k	CF 5% 0603
0	R 42	57.69.1097	1 pce	10k	CF 5% 0603
0	R 43	57.69.1097	1 pce	10k	CF 5% 0603
0	R 44	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 45	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 46	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 47	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 48	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 49	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 50	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 51	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 52	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 53	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 54	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 55	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 56	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 57	57.60.1000	1 pce	0R0	MF, 0204
0	R 58	57.69.1097	1 pce	10k	CF 5% 0603
0	R 59	57.69.1097	1 pce	10k	CF 5% 0603
0	R 101	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 102	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 103	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 104	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 201	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 202	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 203	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 204	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 301	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 302	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 303	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 304	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 401	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 402	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 403	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 404	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 501	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 502	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 503	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 504	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 601	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 602	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 603	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 604	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 701	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 702	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 703	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 704	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 801	not used	1 pce	22R	MF, 1%, 0204, E24
0	R 802	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 803	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 804	not used	1 pce	220R	MF, 1%, 0204, E24
0	T 1	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 101	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 201	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 301	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 401	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 501	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 601	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 701	not used	1 pce	1:1	DI/DO TRANSFORMER
0	T 801	not used	1 pce	1:1	DI/DO TRANSFORMER
0	TP 1	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 2	50.20.2501	1 pce	Spacer	LED-Sockel
0	XIC 6	53.03.2284	1 pce	84p	PLCC-Socket
0	XIC 10	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

TDIFO, TDIF Out with AES In 1.940.486.20 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 5	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 16	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 101	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 102	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 103	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 104	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 105	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 201	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 202	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 203	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 204	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 205	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 301	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 302	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 303	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 304	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 305	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 401	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 402	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 403	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 404	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 405	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 501	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 502	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 503	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 504	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 505	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 601	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 602	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 603	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 604	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 605	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 701	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 702	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 703	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 704	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 705	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 801	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 802	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 803	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 804	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 805	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 11	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 12	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 13	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 14	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 15	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 16	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 17	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 18	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 19	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 20	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 21	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 22	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 23	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 24	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 25	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 26	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 27	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 28	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 29	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 30	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DL 1	50.04.2202	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DL 2	not used	1 pce	HLMP1790	DL HLMP - 1790 GN
0	DS 1	55.01.0164	1 pce	4*a	DIL-Switch, PCB
0	IC 1	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 2	50.62.0463	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 3	50.62.0463	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 4	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 5	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 6	50.63.4210	1 pce	EPF10K10	PLD 10 000 gates
0	IC 7	50.62.6014	1 pce	74ACT 14	Hex inverting Schmitt trigger
0	IC 8	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 9	50.62.0463	1 pce	DS34C86	4*RS 422 Line Receiver
0	IC 10	1.940.986.20	1 pce		SW485 TDIFOUT (50.63.4298)
0	IC 11	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 12	50.17.0541	1 pce	74HCT541	IC .. 74 HCT541 ., ,A
0	IC 101	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 201	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 301	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 401	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 501	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 601	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 701	50.62.0913	1 pce	CS8412	AES-Receiver
0	IC 801	50.62.0913	1 pce	CS8412	AES-Receiver
0	J 1	54.13.0072	1 pce	15p	D-Sub, PCB, Winkel
0	J 2	54.13.0072	1 pce	15p	D-Sub, PCB, Winkel
0	J 3	54.11.2009	1 pce	96p	EU-R 3*32p
0	J 4	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0	MP 1	1.940.485.11	1 pce		D19M TDIF OUT PCB
0	MP 2	1.940.486.04	1 pce		TYPENSCHILD
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 10	1.940.486.01	1 pce		FRONTPLATTE TDIF OUT/AES IN
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	not used	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 15	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
0	MP 17	49.02.0522	1 pce		Kartenhalter mit Z-Schr
0	MP 18	not used	1 pce		Kartenhalter mit Z-Schr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
1	MP 20	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
1	MP 21	24.16.2025	4 pcs	2.7/5.5	Fächerscheibe Form A
0	P 1	not used	1 pce	16p	Stecker gerade Au
0	P 2	not used	1 pce	16p	Stecker gerade Au
0	P 3	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 4	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	P 5	54.01.0020	1 pce	1p	Pin, 1reihig, gerade
0	R 1	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 2	57.92.7053	1 pce	1.6A	PTC 30V
0	R 3	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 4	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 5	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 6	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 7	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 8	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 9	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 10	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 11	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 12	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 13	57.69.1097	1 pce	10k	CF 5% 0603
0	R 14	57.69.1097	1 pce	10k	CF 5% 0603
0	R 15	57.69.1097	1 pce	10k	CF 5% 0603
0	R 16	57.69.1097	1 pce	10k	CF 5% 0603
0	R 17	57.69.1097	1 pce	10k	CF 5% 0603
0	R 18	57.69.1097	1 pce	10k	CF 5% 0603
0	R 19	57.69.1097	1 pce	10k	CF 5% 0603
0	R 20	57.69.1097	1 pce	10k	CF 5% 0603
0	R 21	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 22	57.69.1097	1 pce	10k	CF 5% 0603
0	R 23	57.69.1097	1 pce	10k	CF 5% 0603
0	R 24	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 25	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 26	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 27	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 28	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 29	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 30	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 31	57.60.1470	1 pce	47R	MF, 1%, 0204, E24

TDIFO, TDIF Out with AES In 1.940.486.20 (1)

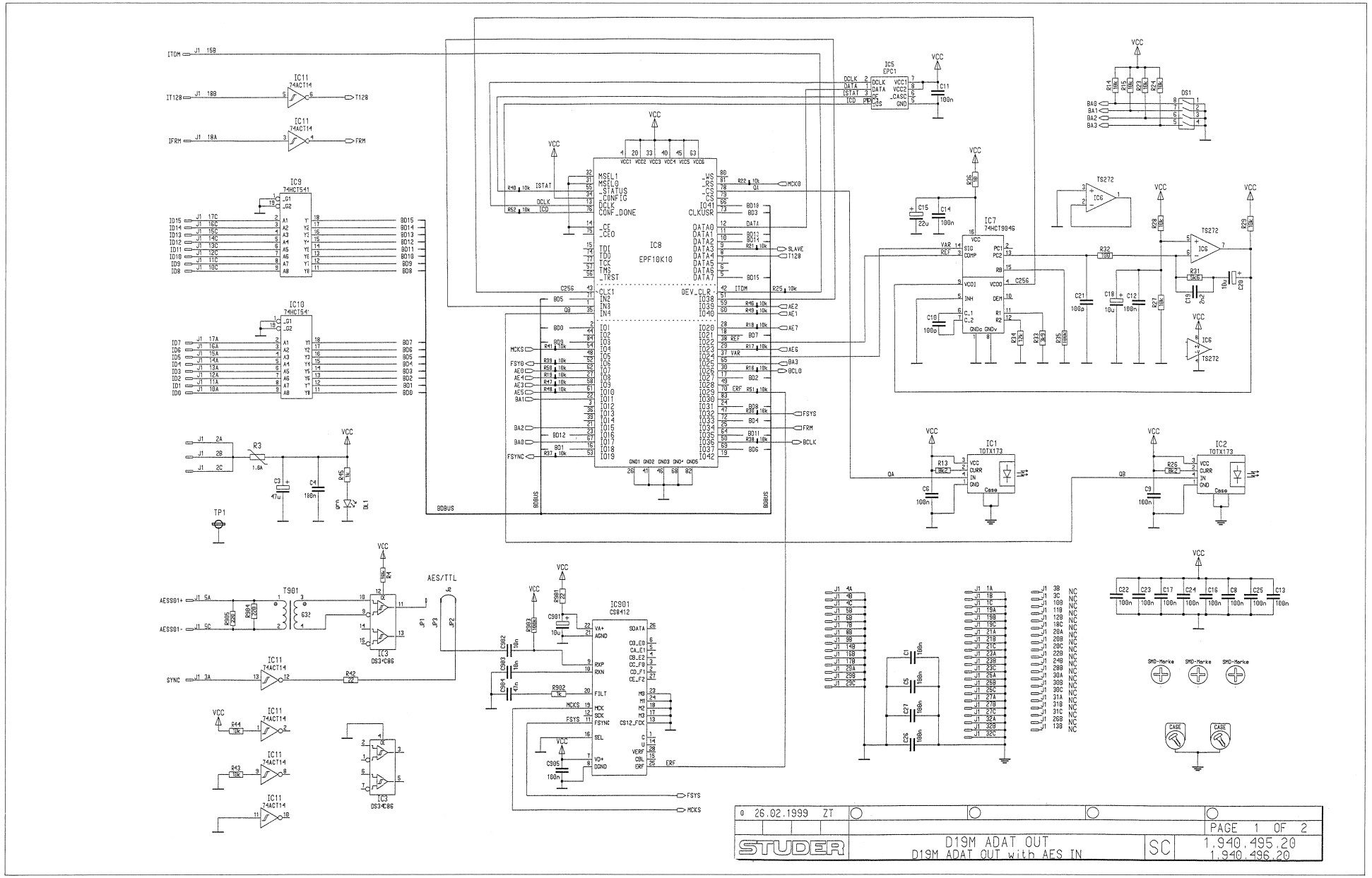
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 32	57.69.1097	1 pce	10k	CF 5% 0603
0	R 33	57.69.1097	1 pce	10k	CF 5% 0603
0	R 34	57.69.1097	1 pce	10k	CF 5% 0603
0	R 35	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 36	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 37	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 38	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 39	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 40	57.69.1097	1 pce	10k	CF 5% 0603
0	R 41	57.69.1097	1 pce	10k	CF 5% 0603
0	R 42	57.69.1097	1 pce	10k	CF 5% 0603
0	R 43	57.69.1097	1 pce	10k	CF 5% 0603
0	R 44	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 45	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 46	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 47	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 48	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 49	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 50	57.60.1150	1 pce	15R	MF, 1%, 0204, E24
0	R 51	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 52	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 53	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 54	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 55	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 56	not used	1 pce	1k0	MF, 1%, 0204, E24
0	R 57	not used	1 pce	0R0	MF, 0204
0	R 58	57.69.1097	1 pce	10k	CF 5% 0603
0	R 59	57.69.1097	1 pce	10k	CF 5% 0603
0	R 101	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 102	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 103	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 104	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 201	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 202	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 203	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 204	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 301	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 302	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 303	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 304	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 401	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 402	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 403	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 404	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 501	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 502	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 503	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 504	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 601	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 602	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 603	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 604	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 701	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 702	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 703	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 704	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 801	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 802	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 803	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 804	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	T 1	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 101	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 201	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 301	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 401	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 501	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 601	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 701	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	T 801	1.022.632.00	1 pce	1:1	DI/DO TRANSFORMER
0	TP 1	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0	XDL 1	50.20.2501	1 pce	Spacer	LED-Sockel
0	XIC 6	53.03.2284	1 pce	84p	PLCC-Socket
0	XIC 10	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

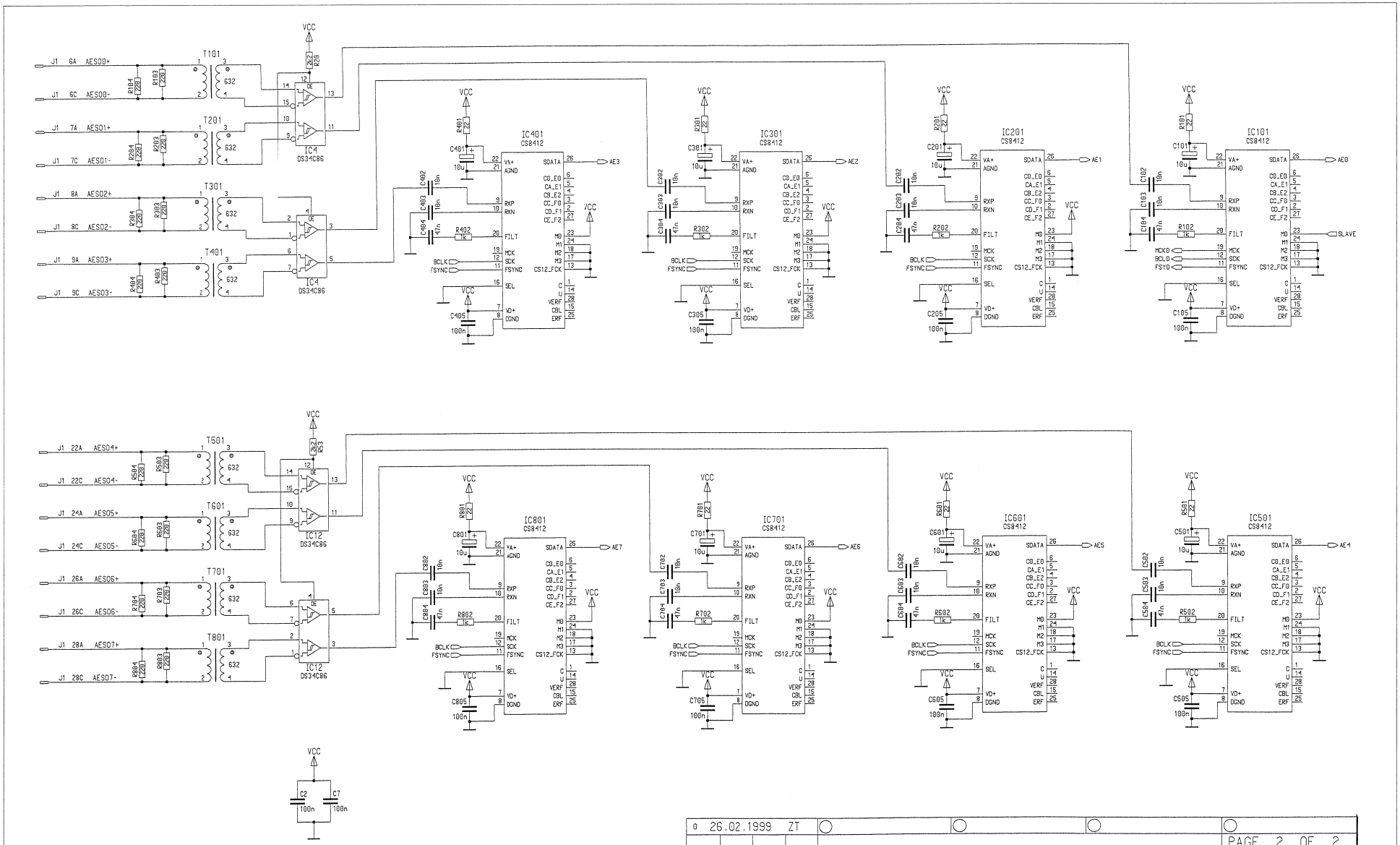
End of List

(01) Additionally MP20 and MP21

D19m ADAT Out 1.940.495.20
D19m ADAT Out with AES In 1.940.496.20

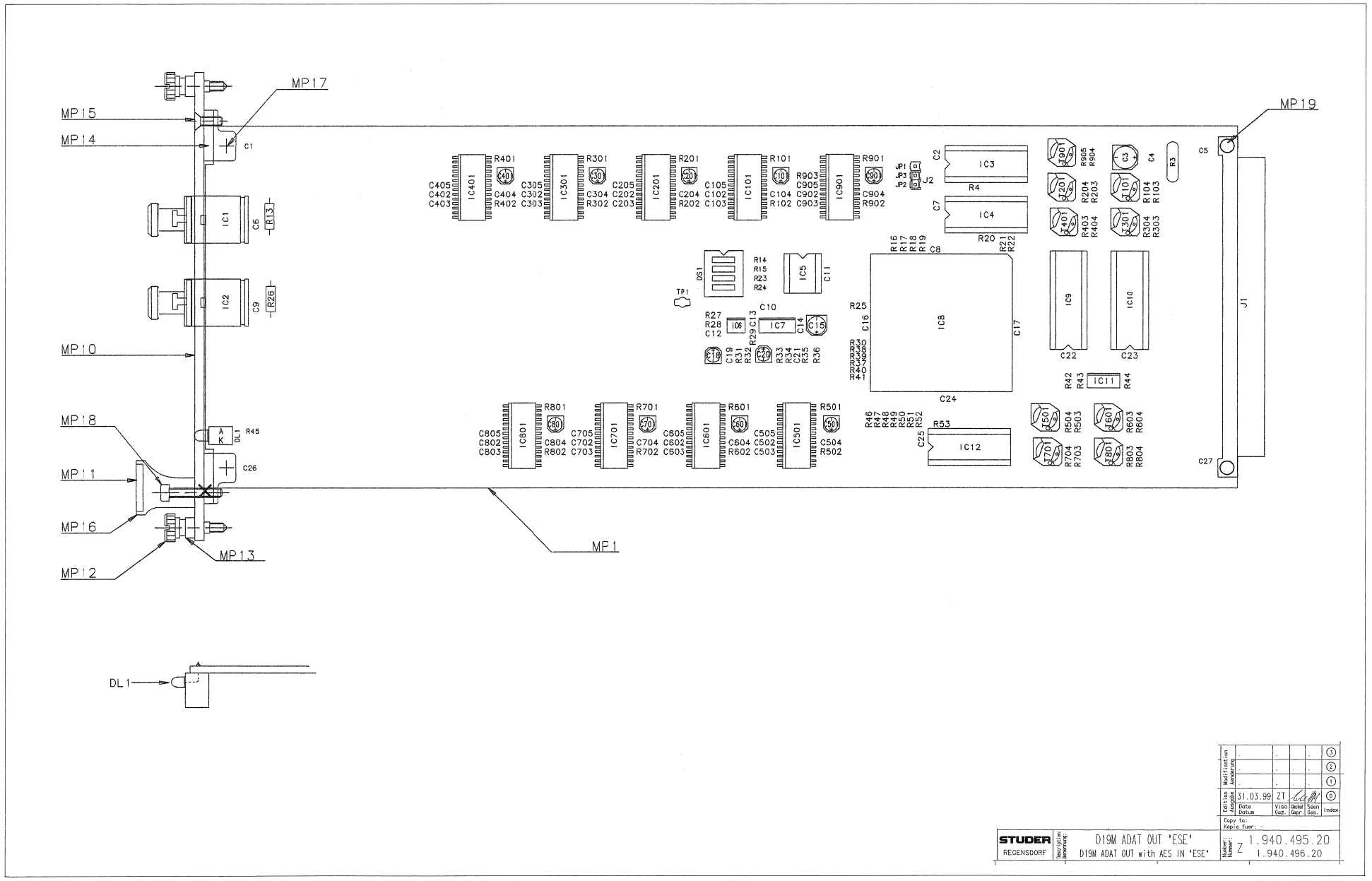


D19m ADAT Out 1.940.495.20
D19m ADAT Out with AES In 1.940.496.20



0 26.02.1999 ZT					PAGE 2 OF 2
STUDER	D19M ADAT OUT D19M ADAT OUT with AES IN			SC	1.940.495.20 1.940.496.20

D19m ADAT Out 1.940.495.20
D19m ADAT Out with AES In 1.940.496.20



Edition Ausgabe	Modification Aenderung				
		.	.	.	3
		.	.	.	2
		.	.	.	1
31.03.99	ZT				0
Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index	

Copy to: Kopie fuer: .

STUDER REGENSDORF — Name/Title: Benennung: D19M ADAT OUT 'ESE' / D19M ADAT OUT with AES IN 'ESE'

Number: Nummer: Z 1.940.495.20 / 1.940.496.20

D19M ADAT OUT 1.940.495.20 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 3	59.68.0069		47u	EL 16V, 6.3*5.7
0	C 4	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 11	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 15	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 16	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 19	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 20	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 21	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 22	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	not used		10u	EL 16V, 4.0*5.7
0	C 102	not used		10n	CER 50V, 10%, X7R, 0805
0	C 103	not used		10n	CER 50V, 10%, X7R, 0805
0	C 104	not used		47n	CER 50V, 10%, X7R, 0805
0	C 105	not used		100n	CER 50V, 10%, X7R, 0805
0	C 201	not used		10u	EL 16V, 4.0*5.7
0	C 202	not used		10n	CER 50V, 10%, X7R, 0805
0	C 203	not used		10n	CER 50V, 10%, X7R, 0805
0	C 204	not used		47n	CER 50V, 10%, X7R, 0805
0	C 205	not used		100n	CER 50V, 10%, X7R, 0805
0	C 301	not used		10u	EL 16V, 4.0*5.7
0	C 302	not used		10n	CER 50V, 10%, X7R, 0805
0	C 303	not used		10n	CER 50V, 10%, X7R, 0805
0	C 304	not used		47n	CER 50V, 10%, X7R, 0805
0	C 305	not used		100n	CER 50V, 10%, X7R, 0805
0	C 401	not used		10u	EL 16V, 4.0*5.7
0	C 402	not used		10n	CER 50V, 10%, X7R, 0805
0	C 403	not used		10n	CER 50V, 10%, X7R, 0805
0	C 404	not used		47n	CER 50V, 10%, X7R, 0805
0	C 405	not used		100n	CER 50V, 10%, X7R, 0805
0	C 501	not used		10u	EL 16V, 4.0*5.7
0	C 502	not used		10n	CER 50V, 10%, X7R, 0805
0	C 503	not used		10n	CER 50V, 10%, X7R, 0805
0	C 504	not used		47n	CER 50V, 10%, X7R, 0805
0	C 505	not used		100n	CER 50V, 10%, X7R, 0805
0	C 601	not used		10u	EL 16V, 4.0*5.7
0	C 602	not used		10n	CER 50V, 10%, X7R, 0805
0	C 603	not used		10n	CER 50V, 10%, X7R, 0805
0	C 604	not used		47n	CER 50V, 10%, X7R, 0805
0	C 605	not used		100n	CER 50V, 10%, X7R, 0805
0	C 701	not used		10u	EL 16V, 4.0*5.7
0	C 702	not used		10n	CER 50V, 10%, X7R, 0805
0	C 703	not used		10n	CER 50V, 10%, X7R, 0805
0	C 704	not used		47n	CER 50V, 10%, X7R, 0805
0	C 705	not used		100n	CER 50V, 10%, X7R, 0805
0	C 801	not used		10u	EL 16V, 4.0*5.7
0	C 802	not used		10n	CER 50V, 10%, X7R, 0805
0	C 803	not used		10n	CER 50V, 10%, X7R, 0805
0	C 804	not used		47n	CER 50V, 10%, X7R, 0805
0	C 805	not used		100n	CER 50V, 10%, X7R, 0805
0	C 901	not used		10u	EL 16V, 4.0*5.7
0	C 902	not used		10n	CER 50V, 10%, X7R, 0805
0	C 903	not used		10n	CER 50V, 10%, X7R, 0805
0	C 904	not used		47n	CER 50V, 10%, X7R, 0805
0	C 905	not used		100n	CER 50V, 10%, X7R, 0805
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DS 1	55.01.0164		4*a	DIL-Switch, PCB
0	IC 1	89.10.0111		TOTX173	Toslink Transmitter
0	IC 2	89.10.0111		TOTX173	Toslink Transmitter
0	IC 3	not used		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 4	not used		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 5	1.940.954.20			SW 495 ADATO (50.63.4298)
0	IC 6	50.61.0205		TS272CD	Dual Op-Amp CMOS SO 8
0	IC 7	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 8	50.63.4210		EPF10K10	PLD 10 000 gates
0	IC 9	50.17.0541		74HCT541	IC .. 74 HCT541 ., ,A
0	IC 10	50.17.0541		74HCT541	IC .. 74 HCT541 ., ,A
0	IC 11	50.62.6014		74ACT 14	Hex inverting Schmitt trigger
0	IC 12	not used		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 101	not used		CS8412	AES-Receiver
0	IC 201	not used		CS8412	AES-Receiver
0	IC 301	not used		CS8412	AES-Receiver
0	IC 401	not used		CS8412	AES-Receiver
0	IC 501	not used		CS8412	AES-Receiver
0	IC 601	not used		CS8412	AES-Receiver
0	IC 701	not used		CS8412	AES-Receiver
0	IC 801	not used		CS8412	AES-Receiver
0	IC 901	not used		CS8412	AES-Receiver
0	J 1	54.11.2009		96p	EU-R 3*32p
0	J 2	not used		Jumper	0.63*0.63mm, Au
0	JP 1	not used		1p	Pin, 1reihig, gerade
0	JP 2	not used		1p	Pin, 1reihig, gerade
0	JP 3	not used		1p	Pin, 1reihig, gerade
0	MP 1	1.940.495.11			D19M ADAT OUT PCB
0	MP 2	1.940.495.04			TYPENSCHILD
0	MP 3	1.101.001.20		Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 4	43.01.0108		Label	ESE-WARNSCHILD
0	MP 10	1.940.495.01	1 pce		FRONTPLATTE ADATO
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
1	MP 17	not used	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
					Schraube ist in MP14 (49.02.0522 Kartenhalter) enthalten
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	R 3	57.92.7053		1.6A	PTC 30V
0	R 4	not used		10k	MF, 1%, 0204, E24
0	R 13	57.11.3822		8k2	MF, 1%, 0207
0	R 14	57.60.1103		10k	MF, 1%, 0204, E24
0	R 15	57.60.1103		10k	MF, 1%, 0204, E24
0	R 16	57.69.1097		10k	CF 5% 0603
0	R 17	57.69.1097		10k	CF 5% 0603
0	R 18	57.69.1097		10k	CF 5% 0603
0	R 19	57.69.1097		10k	CF 5% 0603
0	R 20	not used		2k2	MF, 1%, 0204, E24
0	R 21	57.69.1097		10k	CF 5% 0603
0	R 22	57.69.1097		10k	CF 5% 0603
0	R 23	57.60.1103		10k	MF, 1%, 0204, E24
0	R 24	57.60.1103		10k	MF, 1%, 0204, E24
0	R 25	57.69.1097		10k	CF 5% 0603
0	R 26	57.11.3822		8k2	MF, 1%, 0207
0	R 27	57.60.1103		10k	MF, 1%, 0204, E24
0	R 28	57.60.1103		10k	MF, 1%, 0204, E24
0	R 29	57.60.1103		10k	MF, 1%, 0204, E24
0	R 30	57.69.1097		10k	CF 5% 0603
0	R 31	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 32	57.60.1101		100R	MF, 1%, 0204, E24
0	R 33	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 34	57.60.1123		12k	MF, 1%, 0204, E24
0	R 35	57.60.1104		100k	MF, 1%, 0204, E24
0	R 36	57.60.1100		10R	MF, 1%, 0204, E24
0	R 37	57.69.1097		10k	CF 5% 0603
0	R 38	57.69.1097		10k	CF 5% 0603
0	R 39	57.69.1097		10k	CF 5% 0603
0	R 40	57.69.1097		10k	CF 5% 0603
0	R 41	57.69.1097		10k	CF 5% 0603
0	R 42	not used		22R	MF, 1%, 0204, E24
0	R 43	57.60.1103		10k	MF, 1%, 0204, E24
0	R 44	57.60.1103		10k	MF, 1%, 0204, E24
0	R 45	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 46	57.69.1097		10k	CF 5% 0603
0	R 47	57.69.1097		10k	CF 5% 0603
0	R 48	57.69.1097		10k	CF 5% 0603
0	R 49	57.69.1097		10k	CF 5% 0603
0	R 50	57.69.1097		10k	CF 5% 0603
0	R 51	57.69.1097		10k	CF 5% 0603
0	R 52	57.69.1097		10k	CF 5% 0603
0	R 53	not used		2k2	MF, 1%, 0204, E24
0	R 101	not used		22R	MF, 1%, 0204, E24
0	R 102	not used		1k0	MF, 1%, 0204, E24
0	R 103	not used		220R	MF, 1%, 0204, E24
0	R 104	not used		220R	MF, 1%, 0204, E24
0	R 201	not used		22R	MF, 1%, 0204, E24
0	R 202	not used		1k0	MF, 1%, 0204, E24
0	R 203	not used		220R	MF, 1%, 0204, E24
0	R 204	not used		220R	MF, 1%, 0204, E24
0	R 301	not used		22R	MF, 1%, 0204, E24
0	R 302	not used		1k0	MF, 1%, 0204, E24
0	R 303	not used		220R	MF, 1%, 0204, E24
0	R 304	not used		220R	MF, 1%, 0204, E24
0	R 401	not used		22R	MF, 1%, 0204, E24
0	R 402	not used		1k0	MF, 1%, 0204, E24
0	R 403	not used		220R	MF, 1%, 0204, E24
0	R 404	not used		220R	MF, 1%, 0204, E24

D19M ADAT OUT 1.940.495.20 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 501	not used		22R	MF, 1%, 0204, E24
0	R 502	not used		1k0	MF, 1%, 0204, E24
0	R 503	not used		220R	MF, 1%, 0204, E24
0	R 504	not used		220R	MF, 1%, 0204, E24
0	R 601	not used		22R	MF, 1%, 0204, E24
0	R 602	not used		1k0	MF, 1%, 0204, E24
0	R 603	not used		220R	MF, 1%, 0204, E24
0	R 604	not used		220R	MF, 1%, 0204, E24
0	R 701	not used		22R	MF, 1%, 0204, E24
0	R 702	not used		1k0	MF, 1%, 0204, E24
0	R 703	not used		220R	MF, 1%, 0204, E24
0	R 704	not used		220R	MF, 1%, 0204, E24
0	R 801	not used		22R	MF, 1%, 0204, E24
0	R 802	not used		1k0	MF, 1%, 0204, E24
0	R 803	not used		220R	MF, 1%, 0204, E24
0	R 804	not used		220R	MF, 1%, 0204, E24
0	R 901	not used		22R	MF, 1%, 0204, E24
0	R 902	not used		1k0	MF, 1%, 0204, E24
0	R 903	not used		100k	MF, 1%, 0204, E24
0	R 904	not used		220R	MF, 1%, 0204, E24
0	R 905	not used		220R	MF, 1%, 0204, E24
0	T 101	not used		1:1	DI/DO TRANSFORMER
0	T 201	not used		1:1	DI/DO TRANSFORMER
0	T 301	not used		1:1	DI/DO TRANSFORMER
0	T 401	not used		1:1	DI/DO TRANSFORMER
0	T 501	not used		1:1	DI/DO TRANSFORMER
0	T 601	not used		1:1	DI/DO TRANSFORMER
0	T 701	not used		1:1	DI/DO TRANSFORMER
0	T 801	not used		1:1	DI/DO TRANSFORMER
0	T 901	not used		1:1	DI/DO TRANSFORMER
0	TP 1	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XIC 3	not used		16p	DIL 0.3", löt, gerade
0	XIC 4	not used		16p	DIL 0.3", löt, gerade
0	XIC 5	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 8	53.03.2284		84p	PLCC-Socket
0	XIC 9	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 10	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 12	not used		16p	DIL 0.3", löt, gerade

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

(1) 12.04.00 MP 17 not used

D19M ADATO with AES IN 1.940.496.20 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 3	59.68.0069		47u	EL 16V, 6.3*5.7
0	C 4	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 11	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 15	59.68.0067		22u	EL 16V, 5.0*5.7
0	C 16	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 19	59.60.3317		2n2	CER 50V, 10%, X7R, 0805
0	C 20	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 21	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 22	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 101	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 102	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 103	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 104	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 105	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 201	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 202	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 203	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 204	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 205	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 301	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 302	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 303	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 304	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 305	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 401	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 402	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 403	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 404	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 405	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 501	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 502	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 503	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 504	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 505	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 601	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 602	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 603	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 604	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 605	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 701	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 702	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 703	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 704	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 705	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 801	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 802	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 803	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 804	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 805	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 901	59.68.0065		10u	EL 16V, 4.0*5.7
0	C 902	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 903	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	C 904	59.60.3333		47n	CER 50V, 10%, X7R, 0805
0	C 905	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	DL 1	50.04.2202		HLMP1790	DL HLMP - 1790 GN
0	DS 1	55.01.0164		4*a	DIL-Switch, PCB
0	IC 1	89.10.0111		TOTX173	Toslink Transmitter
0	IC 2	89.10.0111		TOTX173	Toslink Transmitter
0	IC 3	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 4	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 5	1.940.954.20			SW 495 ADATO (50.63.4298)
0	IC 6	50.61.0205		TS272CD	Dual Op-Amp CMOS SO 8
0	IC 7	50.62.4946		74HCT9046	PLL with bandgap contr VCO
0	IC 8	50.63.4210		EPF10K10	PLD 10 000 gates
0	IC 9	50.17.0541		74HCT541	IC .. 74 HCT541 ., ,A
0	IC 10	50.17.0541		74HCT541	IC .. 74 HCT541 ., ,A
0	IC 11	50.62.6014		74ACT 14	Hex inverting Schmitt trigger
0	IC 12	50.15.0128		34C86	IC DS 34 C 86 TN, MC34C86P ,A
0	IC 101	50.62.0913		CS8412	AES-Receiver
0	IC 201	50.62.0913		CS8412	AES-Receiver
0	IC 301	50.62.0913		CS8412	AES-Receiver
0	IC 401	50.62.0913		CS8412	AES-Receiver
0	IC 501	50.62.0913		CS8412	AES-Receiver
0	IC 601	50.62.0913		CS8412	AES-Receiver
0	IC 701	50.62.0913		CS8412	AES-Receiver
0	IC 801	50.62.0913		CS8412	AES-Receiver
0	IC 901	50.62.0913		CS8412	AES-Receiver
0	J 1	54.11.2009		96p	EU-R 3*32p
0	J 2	54.01.0021		Jumper	0.63*0.63mm, Au
0	JP 1	54.01.0020		1p	Pin, 1reihig, gerade
0	JP 2	54.01.0020		1p	Pin, 1reihig, gerade
0	JP 3	54.01.0020		1p	Pin, 1reihig, gerade
0	MP 1	1.940.495.11			D19M ADAT OUT PCB
0	MP 2	1.940.496.04			TYPENSCHILD
0	MP 3	1.101.001.20		Label	TEXT-ETIK. 5*20 HARDWARE -20
0	MP 4	43.01.0108		Label	ESE-WARNSCHILD
0	MP 10	1.940.495.01	1 pce		FRONTPLATTE ADATO
0	MP 11	1.940.600.04	1 pce		GRIFFEINLAGE 4TE
0	MP 12	49.02.0520	2 pcs	M2.5*12	Rändelschraube (Rack)
0	MP 13	49.02.0521	2 pcs		Metall-Buchse (Rack)
0	MP 14	49.02.0522	2 pcs		Kartenhalter mit Z-Schr
0	MP 15	49.02.0523	1 pce	M2.5*7	Senk-Schr, KS, Senkripp
0	MP 16	49.02.0504	1 pce	4TE	Frontplatten-Griff
1	MP 17	not used	2 pcs	M2.5*6	Z-Schraube Inbus Zn gb chr
					Schraube ist in MP14 (49.02.0522 Kartenhalter) enthalten
0	MP 18	21.53.0284	1 pce	M2.5*16	Z-Schraube Inbus Zn gb chr
0	MP 19	28.99.0119	2 pcs		ROHRNIETE D 2.5*0.15* 9
0	R 3	57.92.7053		1.6A	PTC 30V
0	R 4	57.60.1103		10k	MF, 1%, 0204, E24
0	R 13	57.11.3822		8k2	MF, 1%, 0207
0	R 14	57.60.1103		10k	MF, 1%, 0204, E24
0	R 15	57.60.1103		10k	MF, 1%, 0204, E24
0	R 16	57.69.1097		10k	CF 5% 0603
0	R 17	57.69.1097		10k	CF 5% 0603
0	R 18	57.69.1097		10k	CF 5% 0603
0	R 19	57.69.1097		10k	CF 5% 0603
0	R 20	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 21	57.69.1097		10k	CF 5% 0603
0	R 22	57.69.1097		10k	CF 5% 0603
0	R 23	57.60.1103		10k	MF, 1%, 0204, E24
0	R 24	57.60.1103		10k	MF, 1%, 0204, E24
0	R 25	57.69.1097		10k	CF 5% 0603
0	R 26	57.11.3822		8k2	MF, 1%, 0207
0	R 27	57.60.1103		10k	MF, 1%, 0204, E24
0	R 28	57.60.1103		10k	MF, 1%, 0204, E24
0	R 29	57.60.1103		10k	MF, 1%, 0204, E24
0	R 30	57.69.1097		10k	CF 5% 0603
0	R 31	57.60.1562		5k6	MF, 1%, 0204, E24
0	R 32	57.60.1101		100R	MF, 1%, 0204, E24
0	R 33	57.60.1392		3k9	MF, 1%, 0204, E24
0	R 34	57.60.1123		12k	MF, 1%, 0204, E24
0	R 35	57.60.1104		100k	MF, 1%, 0204, E24
0	R 36	57.60.1100		10R	MF, 1%, 0204, E24
0	R 37	57.69.1097		10k	CF 5% 0603
0	R 38	57.69.1097		10k	CF 5% 0603
0	R 39	57.69.1097		10k	CF 5% 0603
0	R 40	57.69.1097		10k	CF 5% 0603
0	R 41	57.69.1097		10k	CF 5% 0603
0	R 42	57.60.1220		22R	MF, 1%, 0204, E24
0	R 43	57.60.1103		10k	MF, 1%, 0204, E24
0	R 44	57.60.1103		10k	MF, 1%, 0204, E24
0	R 45	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 46	57.69.1097		10k	CF 5% 0603
0	R 47	57.69.1097		10k	CF 5% 0603
0	R 48	57.69.1097		10k	CF 5% 0603
0	R 49	57.69.1097		10k	CF 5% 0603
0	R 50	57.69.1097		10k	CF 5% 0603
0	R 51	57.69.1097		10k	CF 5% 0603
0	R 52	57.69.1097		10k	CF 5% 0603
0	R 53	57.60.1222		2k2	MF, 1%, 0204, E24
0	R 101	57.60.1220		22R	MF, 1%, 0204, E24
0	R 102	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 103	57.60.1221		220R	MF, 1%, 0204, E24
0	R 104	57.60.1221		220R	MF, 1%, 0204, E24
0	R 201	57.60.1220		22R	MF, 1%, 0204, E24
0	R 202	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 203	57.60.1221		220R	MF, 1%, 0204, E24
0	R 204	57.60.1221		220R	MF, 1%, 0204, E24
0	R 301	57.60.1220		22R	MF, 1%, 0204, E24
0	R 302	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 303	57.60.1221		220R	MF, 1%, 0204, E24
0	R 304	57.60.1221		220R	MF, 1%, 0204, E24
0	R 401	57.60.1220		22R	MF, 1%, 0204, E24
0	R 402	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 403	57.60.1221		220R	MF, 1%, 0204, E24
0	R 404	57.60.1221		220R	MF, 1%, 0204, E24

D19M ADATO with AES IN 1.940.496.20 (1)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 501	57.60.1220		22R	MF, 1%, 0204, E24
0	R 502	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 503	57.60.1221		220R	MF, 1%, 0204, E24
0	R 504	57.60.1221		220R	MF, 1%, 0204, E24
0	R 601	57.60.1220		22R	MF, 1%, 0204, E24
0	R 602	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 603	57.60.1221		220R	MF, 1%, 0204, E24
0	R 604	57.60.1221		220R	MF, 1%, 0204, E24
0	R 701	57.60.1220		22R	MF, 1%, 0204, E24
0	R 702	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 703	57.60.1221		220R	MF, 1%, 0204, E24
0	R 704	57.60.1221		220R	MF, 1%, 0204, E24
0	R 801	57.60.1220		22R	MF, 1%, 0204, E24
0	R 802	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 803	57.60.1221		220R	MF, 1%, 0204, E24
0	R 804	57.60.1221		220R	MF, 1%, 0204, E24
0	R 901	57.60.1220		22R	MF, 1%, 0204, E24
0	R 902	57.60.1102		1k0	MF, 1%, 0204, E24
0	R 903	57.60.1104		100k	MF, 1%, 0204, E24
0	R 904	57.60.1221		220R	MF, 1%, 0204, E24
0	R 905	57.60.1221		220R	MF, 1%, 0204, E24
0	T 101	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 201	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 301	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 401	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 501	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 601	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 701	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 801	1.022.632.00		1:1	DI/DO TRANSFORMER
0	T 901	1.022.632.00		1:1	DI/DO TRANSFORMER
0	TP 1	54.33.6010		2.8*0.8	PCB-Flachstecker, gerade
0	XDL 1	50.20.2501		Spacer	LED-Sockel
0	XIC 3	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 4	53.03.0168		16p	DIL 0.3", löt, gerade
0	XIC 5	53.03.0166		8p	DIL 0.3", löt, gerade
0	XIC 8	53.03.2284		84p	PLCC-Socket
0	XIC 9	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 10	53.03.0165		20p	DIL 0.3", löt, gerade
0	XIC 12	53.03.0168		16p	DIL 0.3", löt, gerade

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

End of List

Comments:

(1) 12.04.00 MP 17 not used

CIRCUIT DIAGRAMS: D19m CONNECTION UNITS

* Connection Unit S39m, gold contacts (analog I/O) 1.940.609
Connection Unit S39m (analog I/O) 1.940.610
(identical with 1.940.610 except the gold contacts)*

Connection Unit 4 × BNC (AES/EBU In) 1.940.611
Connection Unit 4 × BNC (AES/EBU Out) 1.940.612

Connection Unit S30f (analog In) 1.940.613
Connection Unit S30m (analog Out) 1.940.614

Connection Unit D15f (AES/EBU In) 1.940.615
Connection Unit D15m (AES/EBU Out) 1.940.616

Connection Unit 4 × XLR3f (AES/EBU In) 1.940.617
Connection Unit 4 × XLR3m (AES/EBU Out) 1.940.618

Connection Unit 2 × D25f (GPI/O) 1.940.619

Connection Unit D15f (analog In) 1.940.625
Connection Unit D15m (analog Out) 1.940.626

Connection Unit 4 × XLR3f (analog In) 1.940.627
Connection Unit 4 × XLR3m (analog Out) 1.940.628

Connection Unit 2 × D25f (control port) 1.940.630

Connection Unit 4 × Bantam Jack (analog insert) 1.940.631

Connection Unit 4 × D25m (dual TDIF I/O) 1.940.632

Connection Unit 4 × BNC (WCLK Out) 1.940.633

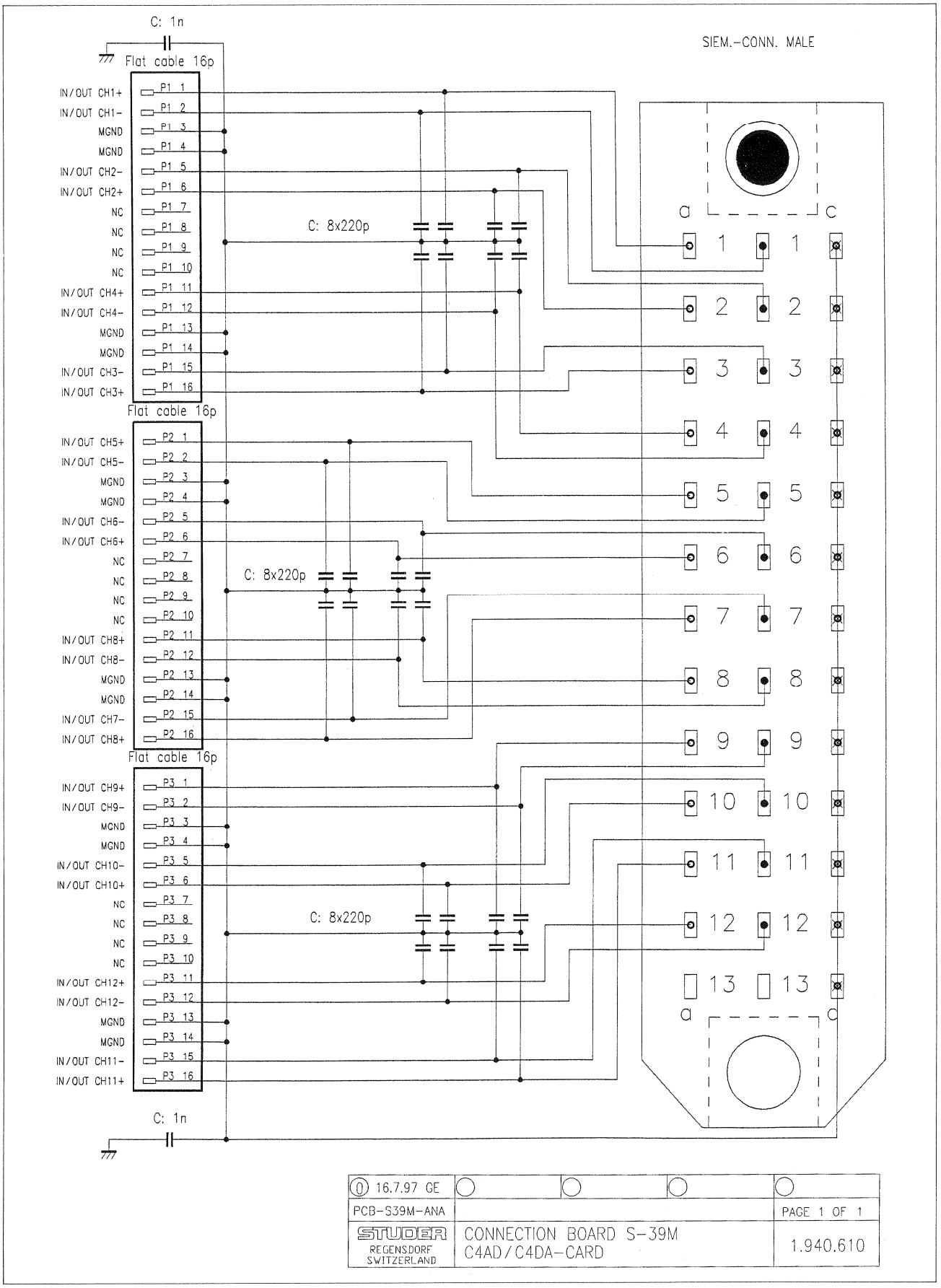
Connection Unit 2 × D15f (AES/EBU or analog In) 1.940.635
Connection Unit 2 × D15m (AES/EBU or analog Out) 1.940.636

Connection Unit 4 × XLR3f (AES/EBU In) 1.940.637
Connection Unit 4 × XLR3m (AES/EBU Out) 1.940.638

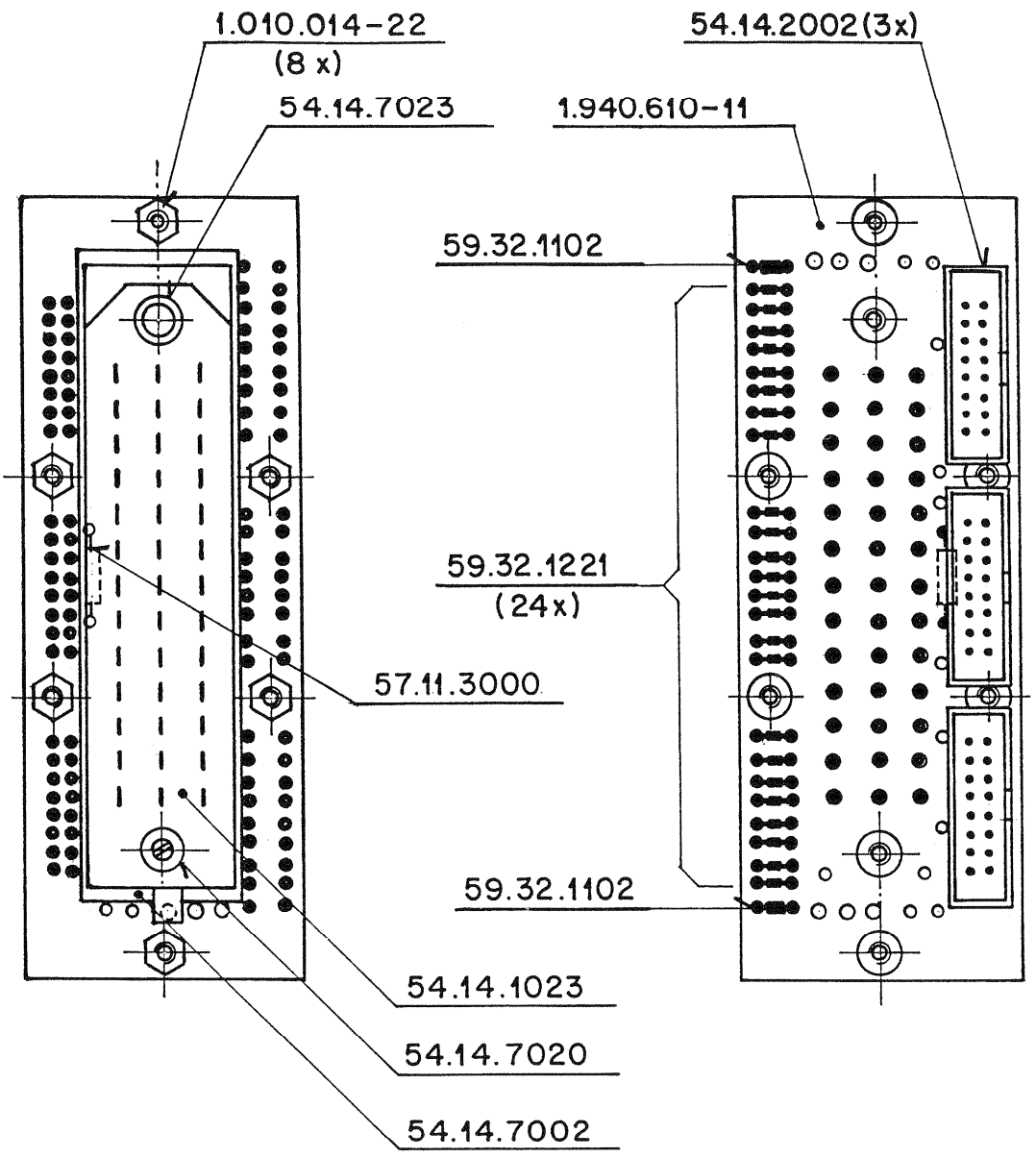
Connection Unit S30f, gold contacts (analog Out) 1.940.640

Connection Unit 4 × BNC (AES/EBU In) 1.940.641
Connection Unit 4 × BNC (AES/EBU Out) 1.940.642

Connection Board S-39M C4AD / C4DA-Card 1.940.610.00



Connection Board S-39M C4AD / C4DA-Card 1.940.610.00

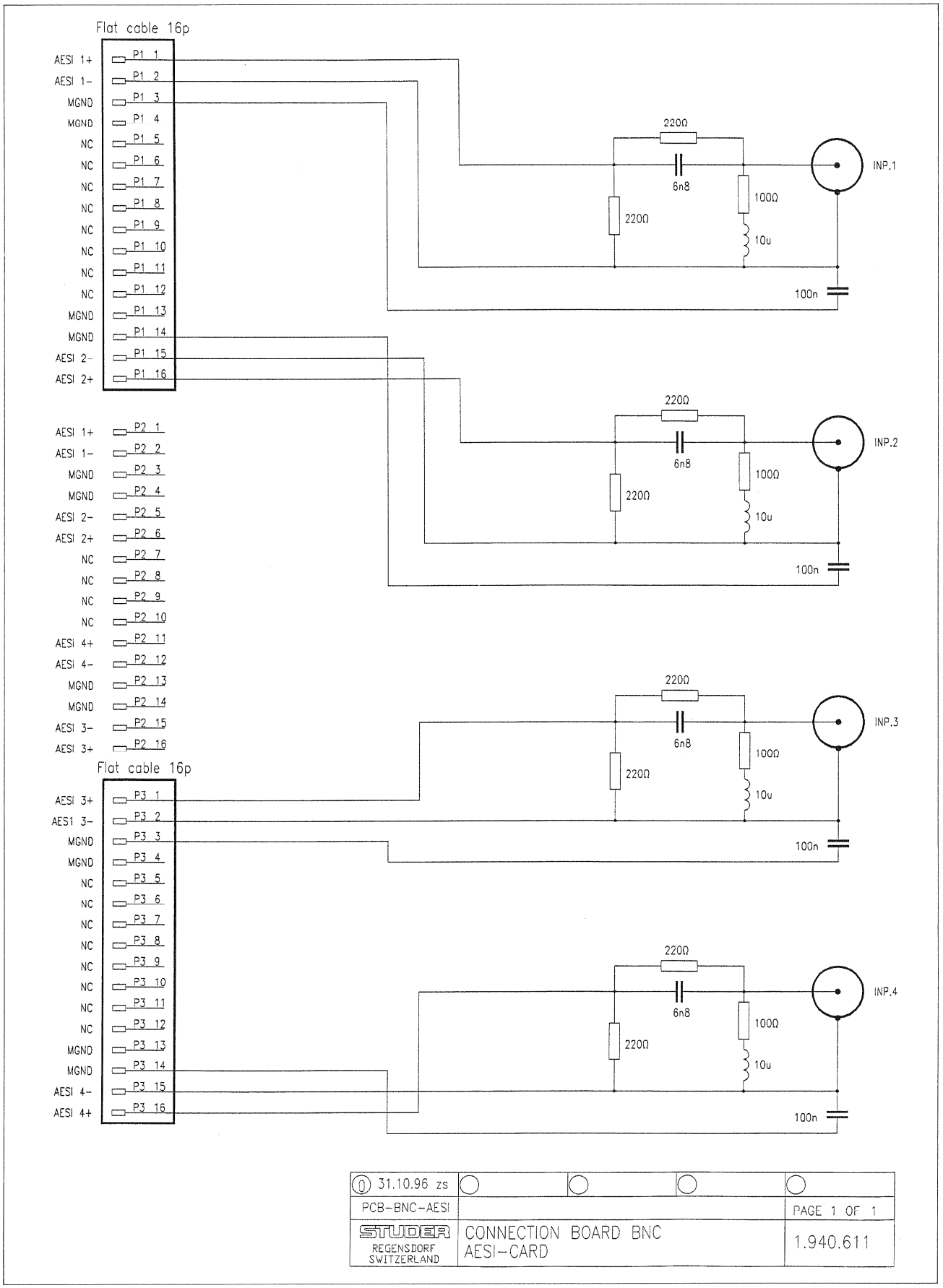


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Ausgabe	19.2.97				0
	Datum	Gez.	Gepr.	Ges.	Index

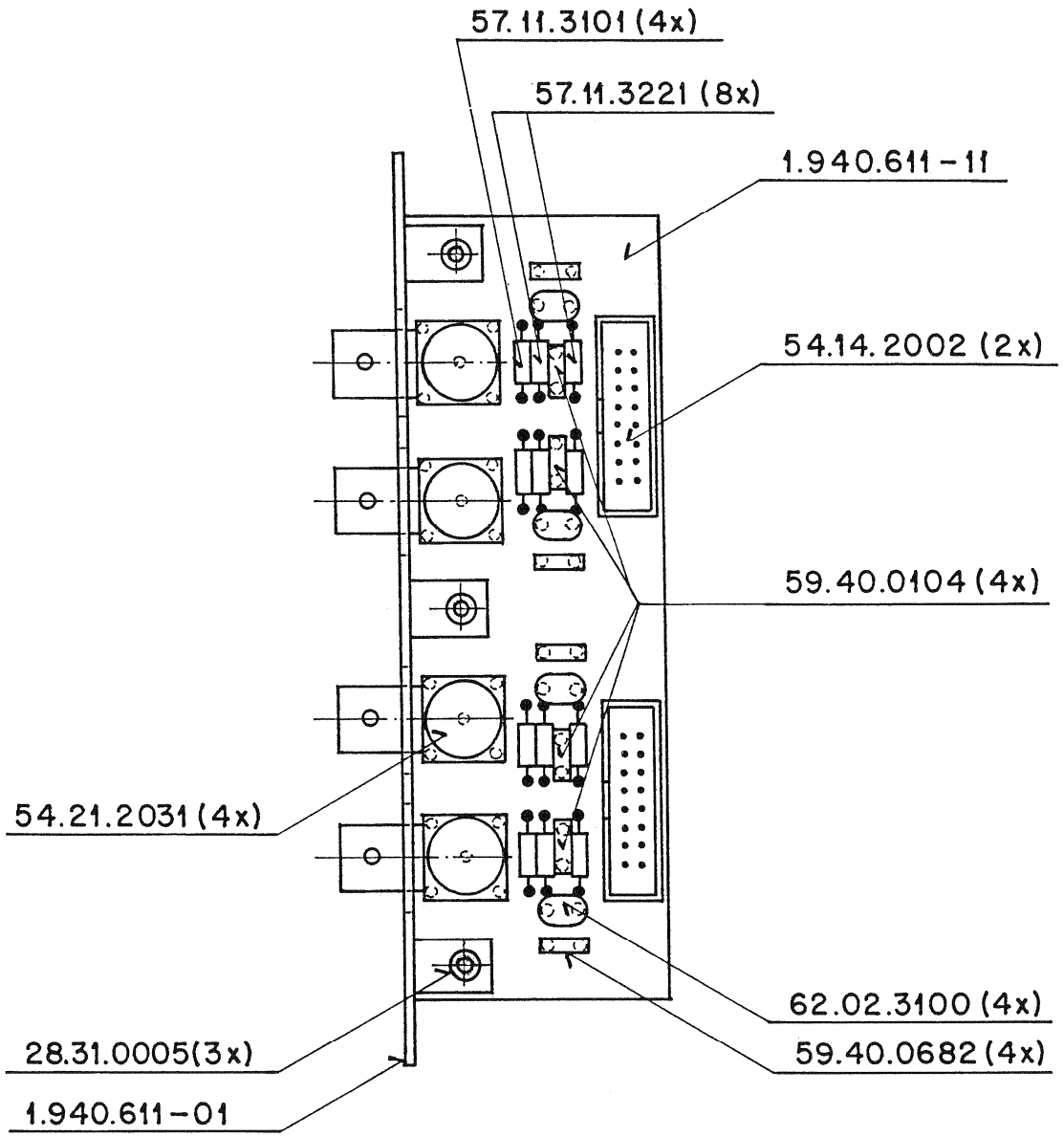
Kopie für:

STUDER REGENSDORF ZÜRICH	Benennung: S 39 M CONNECTION UNIT	Nummer: 1.940.610 -00

Connection Board BNC AESI-Card 1.940.611.00



Connection Board BNC AESI-Card 1.940.611.00

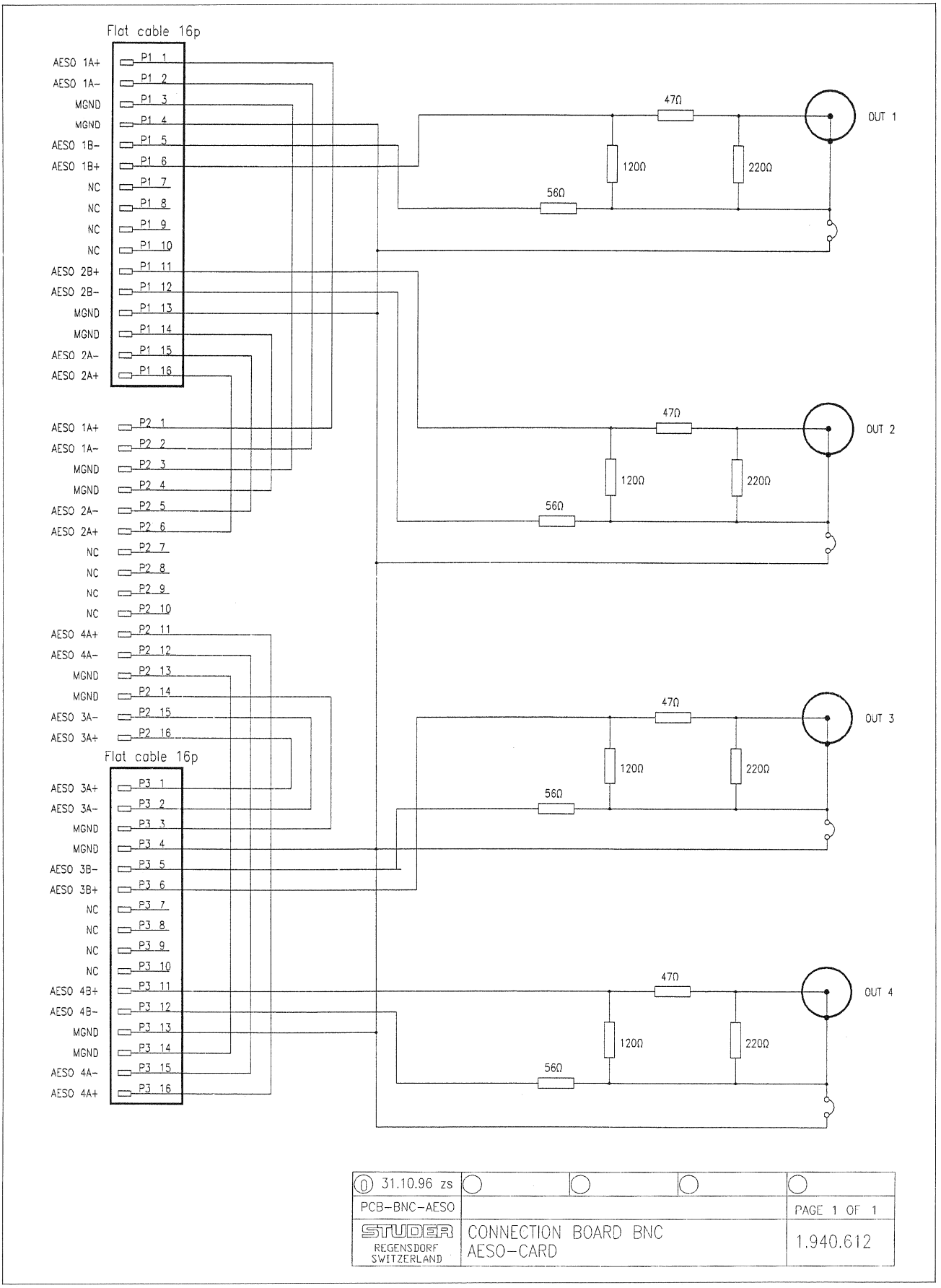


Änderung					
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					②
					①
Ausgabe	26.6.97				⓪
	Datum	Gez.	Gepr.	Ges.	Index

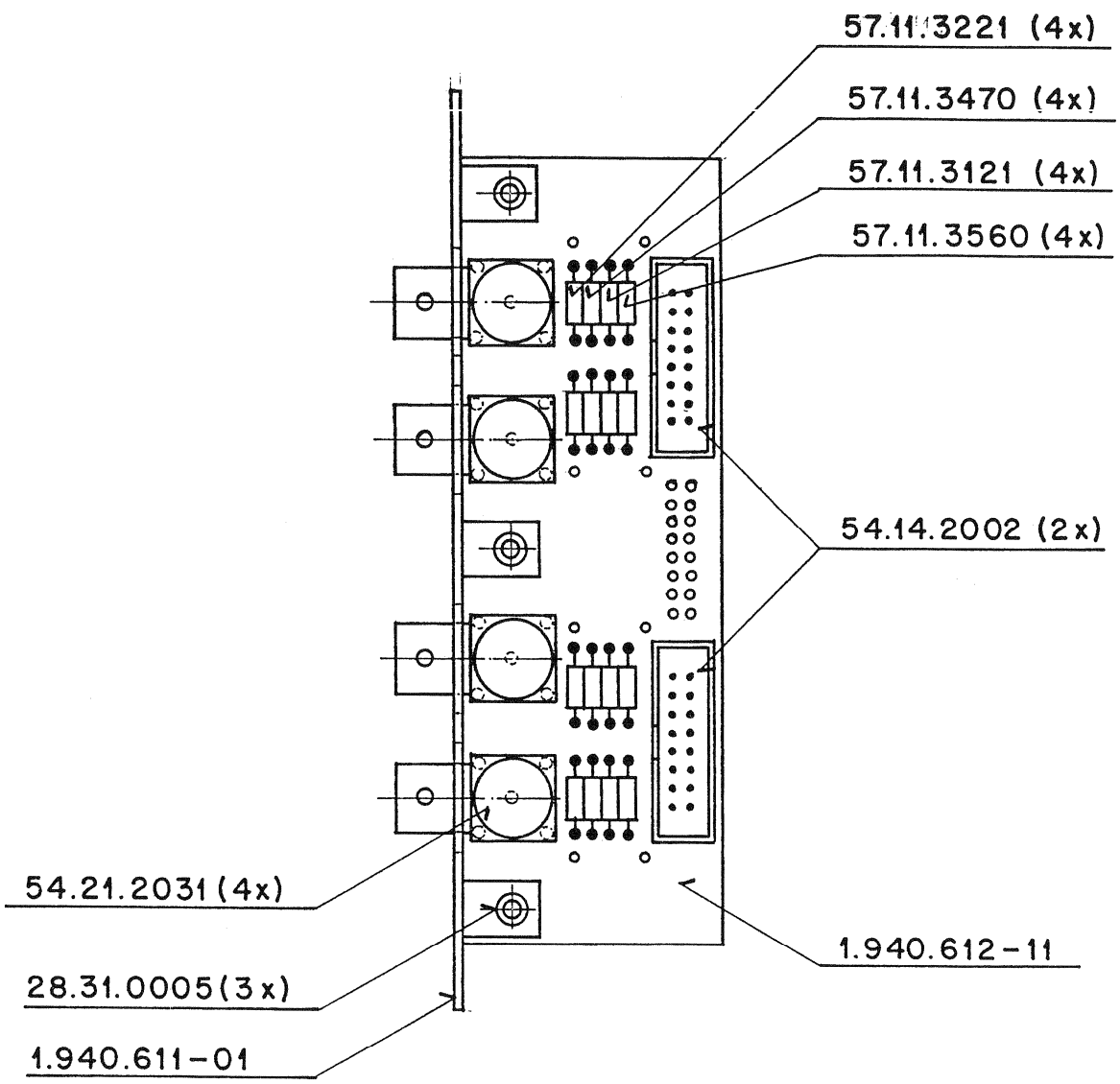
Kopie für:

STUDER REGENSDORF ZÜRICH	Benennung: BNC INPUT UNIT	Nummer: 1.940.611-00

Connection Board BNC AESO-Card 1.940.612.00



Connection Board BNC AESO-Card 1.940.612.00

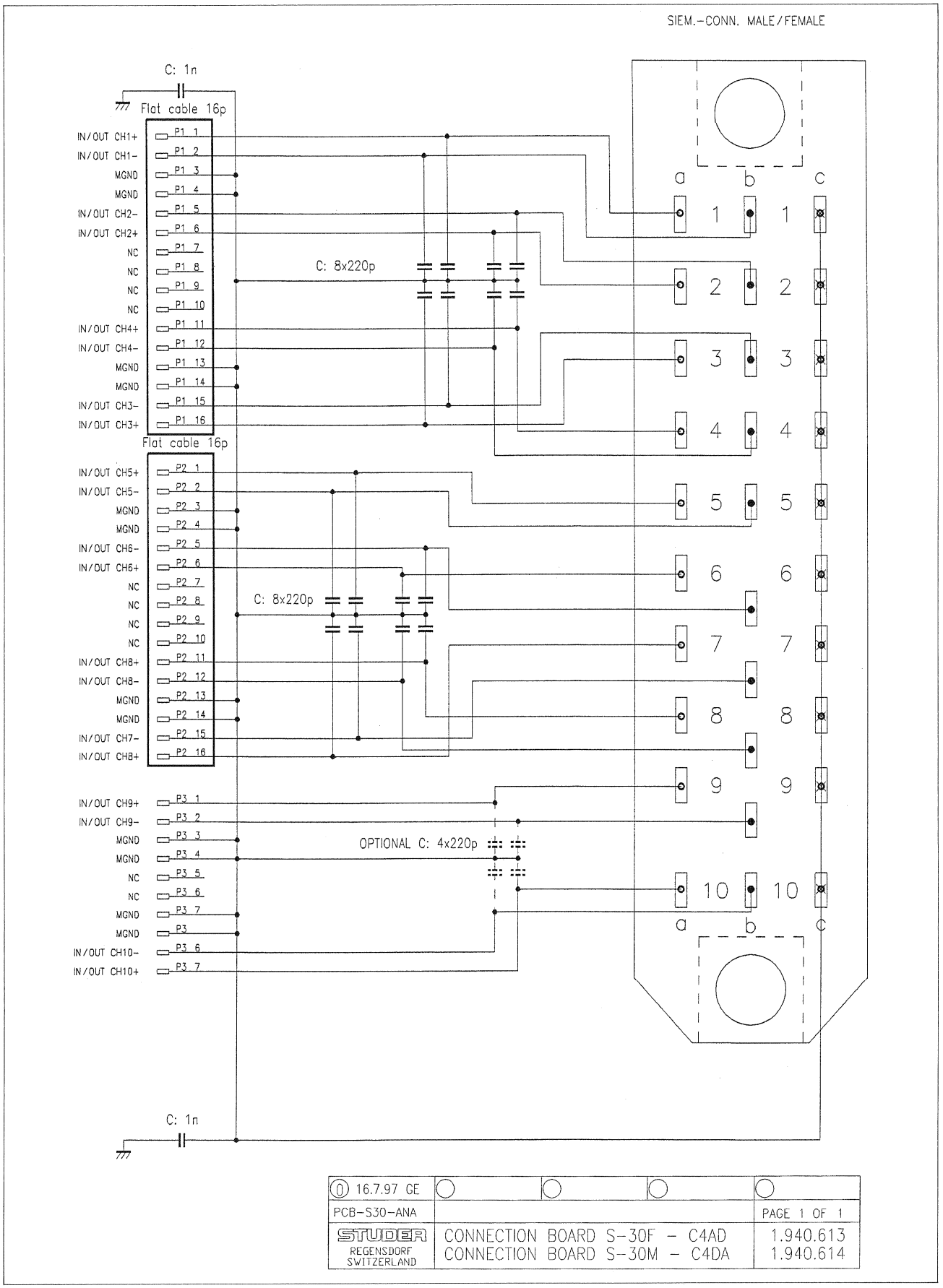


Änderung					
					③
					②
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Ausgabe	27.6.97	2	Vt		⓪
	Datum	Gez.	Gepr.	Ges.	Index

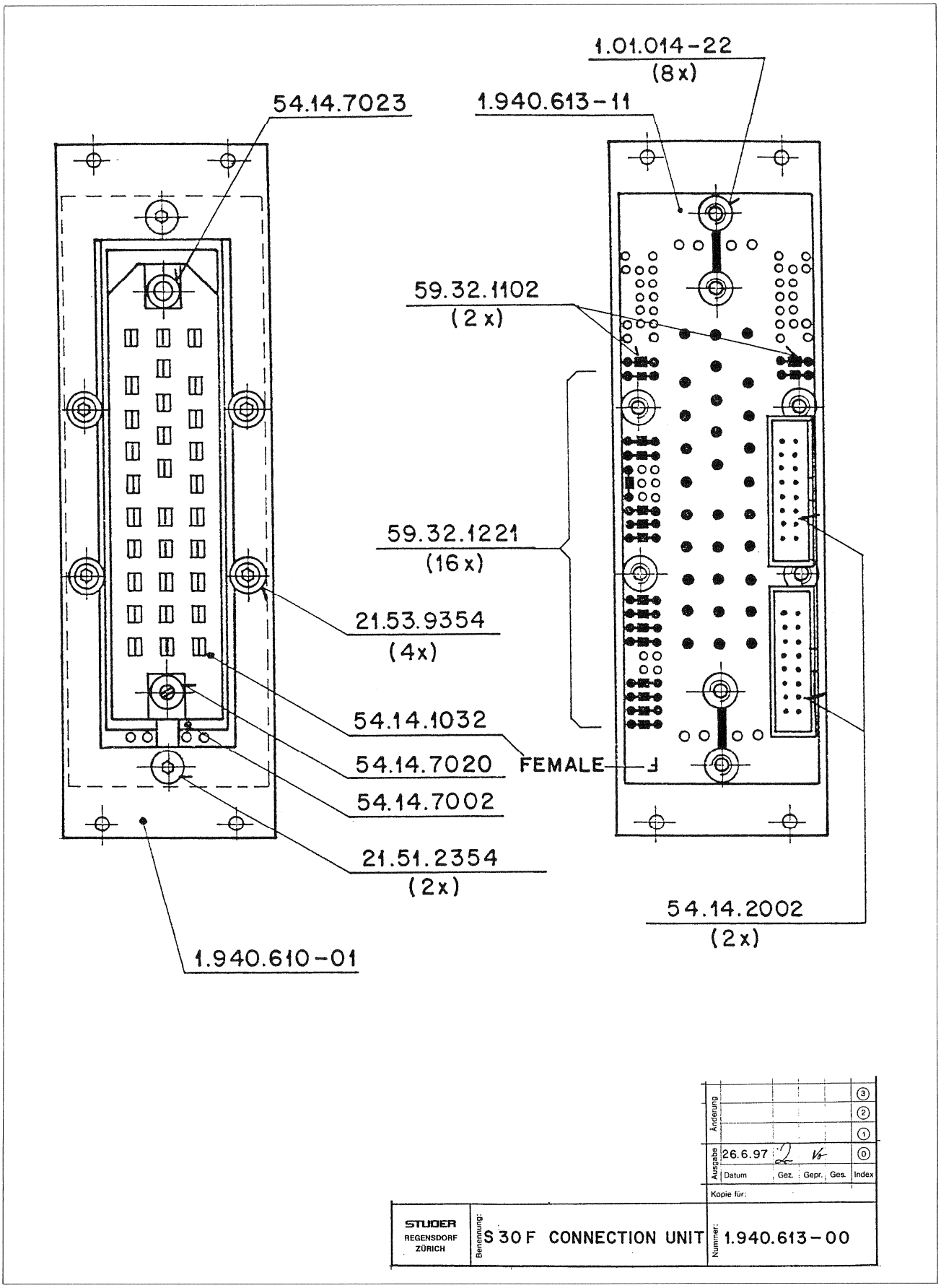
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STUDER REGENSDORF ZÜRICH	Benennung: BNC OUTPUT UNIT	Nummer: 1.940.612-00

Connection Board S-30F - C4AD 1.940.613.00
Connection Board S-30M - C4DA 1.940.614.00



Connection Board S-30F - C4AD 1.940.613.00

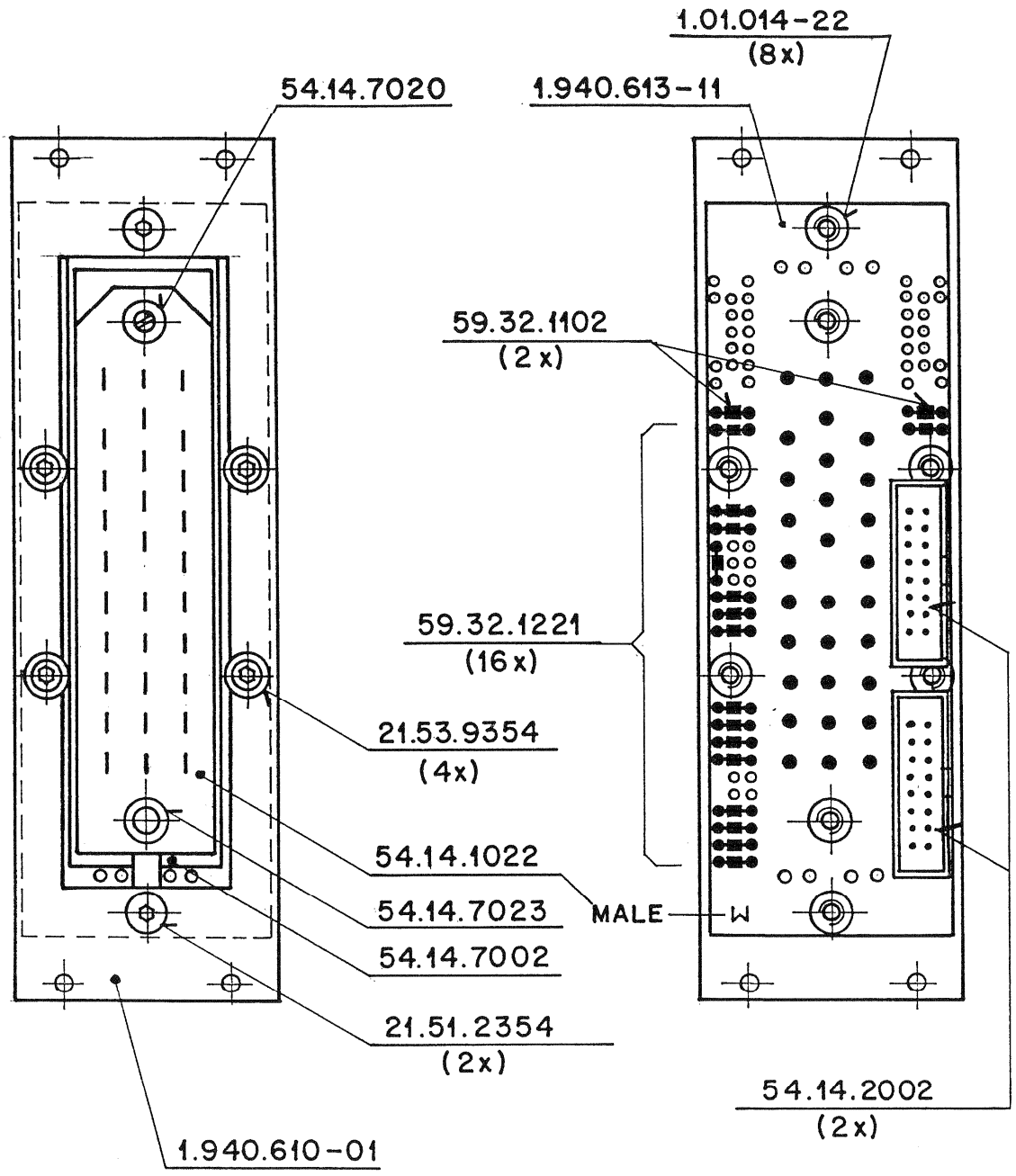


Änderung		
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Ausgabe	26.6.97	0
Datum	Gez. Gepr. Ges.	Index

Kopie für:

STUDER REGENSDORF ZÜRICH	Benennung: S 30 F CONNECTION UNIT	Nummer: 1.940.613-00

Connection Board S-30M - C4DA 1.940.614.00

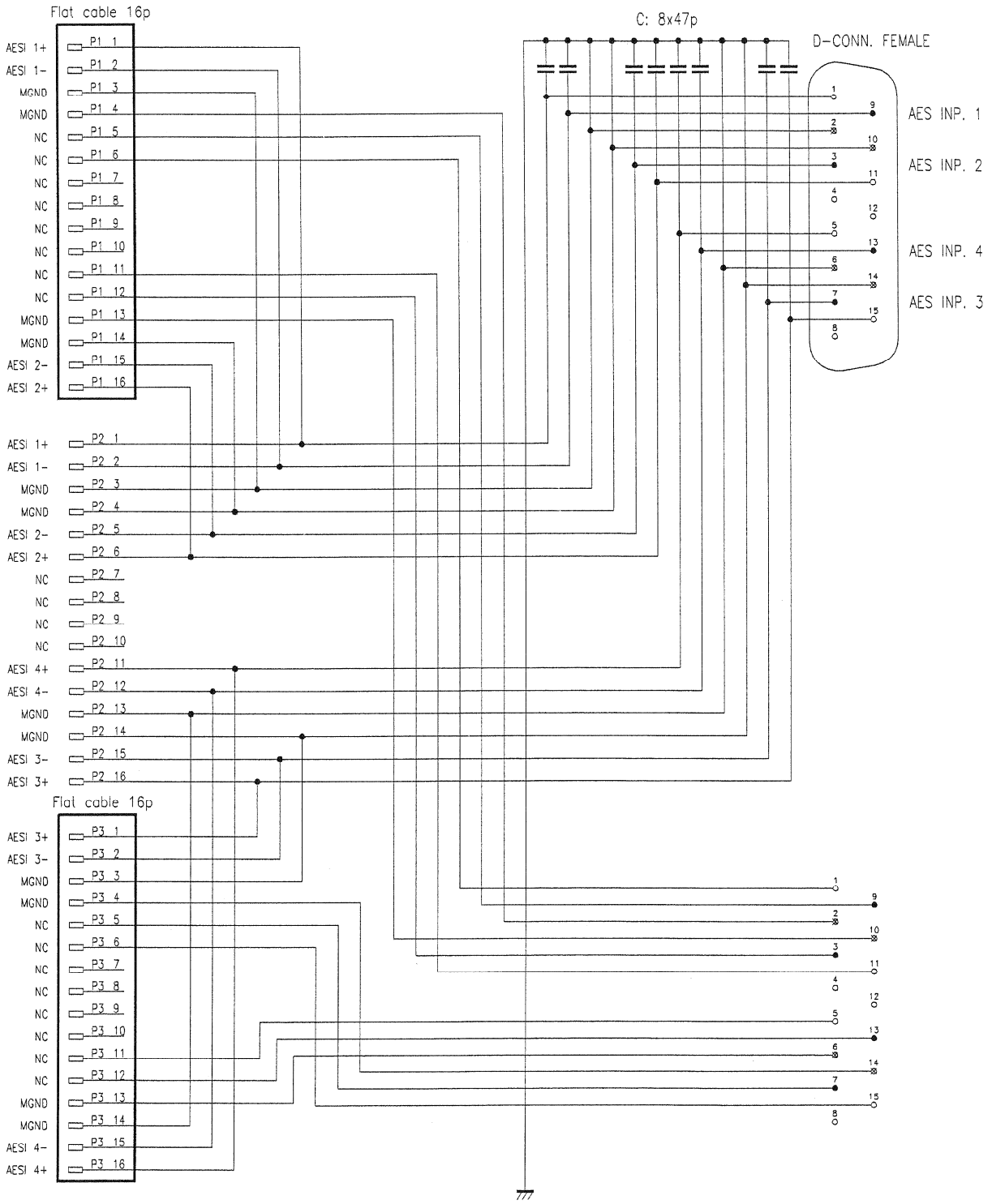


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Ausgabe	20.6.97				0
	Datum	Gez.	Gepr.	Ges.	Index

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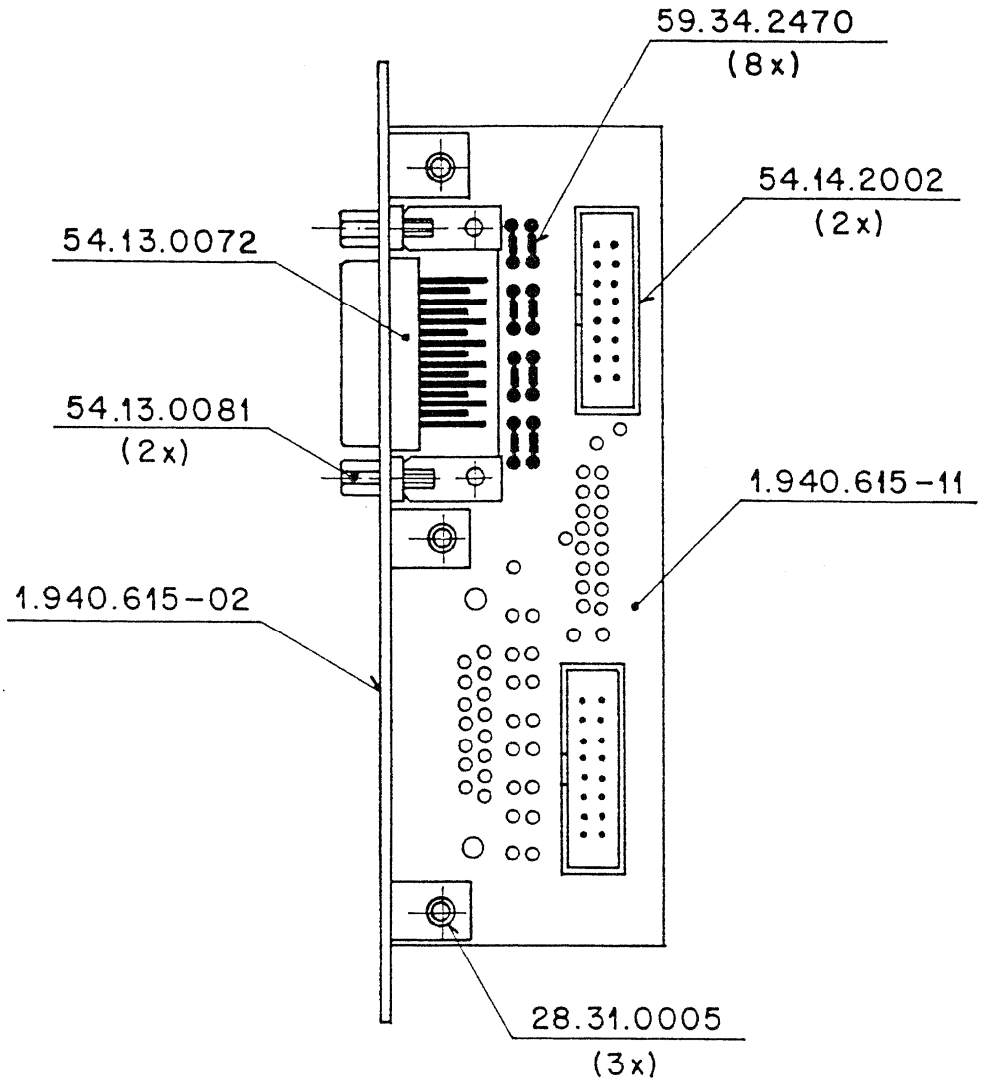
STUDER REGENSDORF ZÜRICH	Benennung: S 30 M CONNECTION UNIT	Nummer: 1.940.614-00

Connection Board D-15F AESI-Card 1.940.615.00



0 16.7.97 GE				
PCB-D15F-AESI				PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	CONNECTION BOARD D-15F AESI-CARD			1.940.615

Connection Board D-15F AESI-Card 1.940.615.00

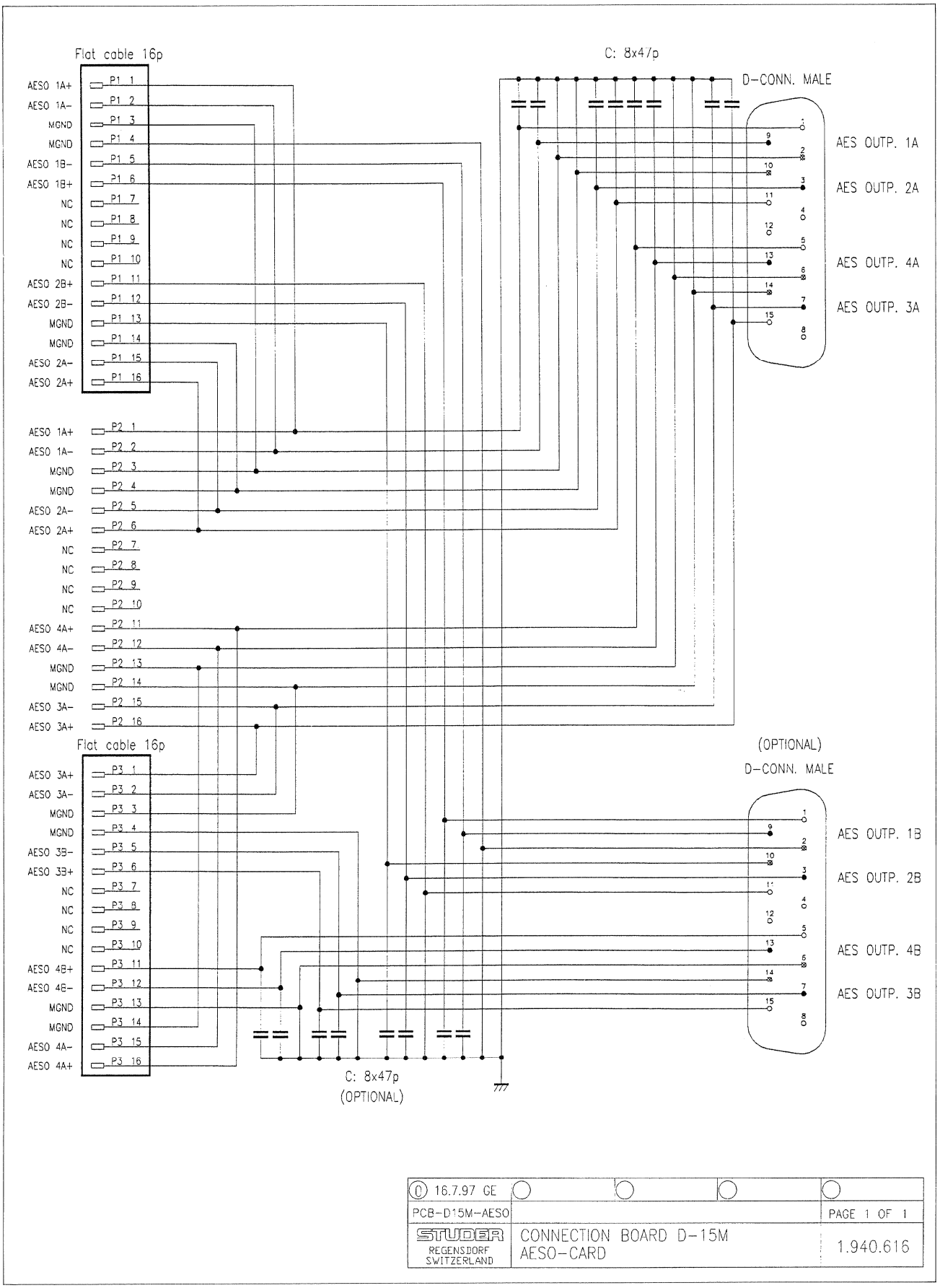


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	Datum	Gez.	Gepr.	Ges.	Index

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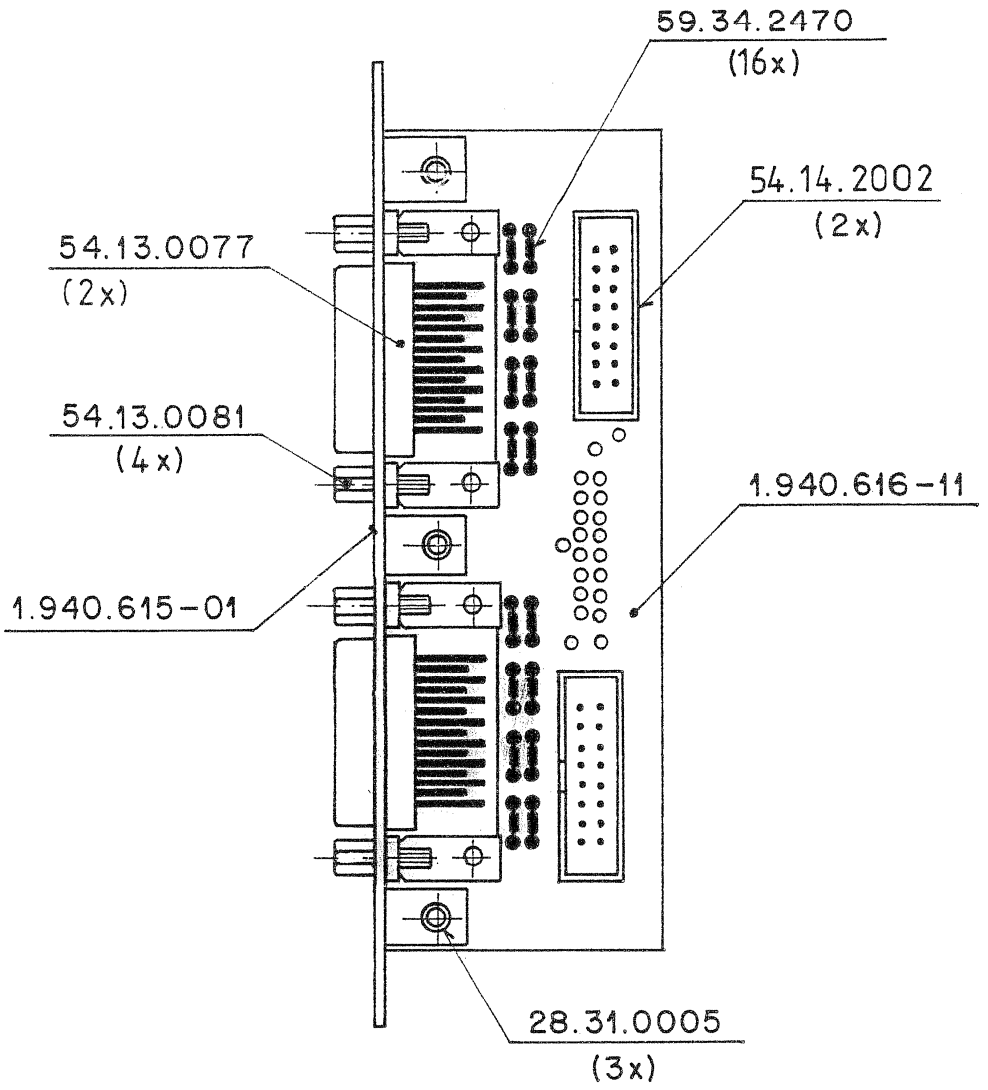
STUDER REGENSDORF ZÜRICH	Benennung: D 15 F CONNECTION UNIT	Nummer: 1.940.615-00

Connection Board D-15M AESO-Card 1.940.616



0 16.7.97 GE		
PCB-D15M-AESO		PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	CONNECTION BOARD D-15M AESO-CARD	1.940.616

Connection Board D-15m AESO-Card 1.940.616.81



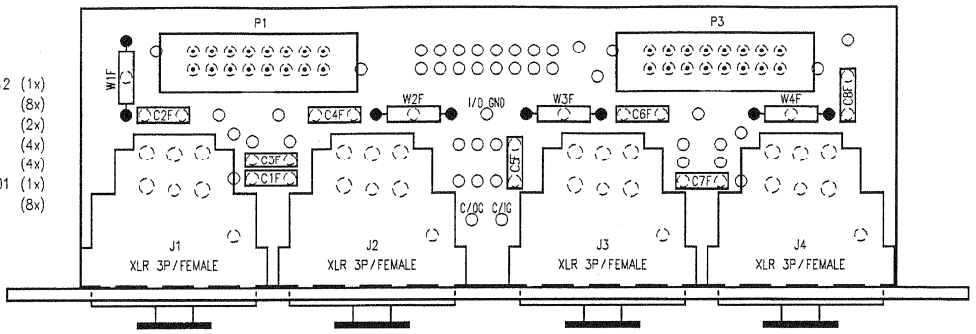
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Ausgabe	26.4.99	2			⓪
	Datum	Gez.	Gepr.	Ges.	Index

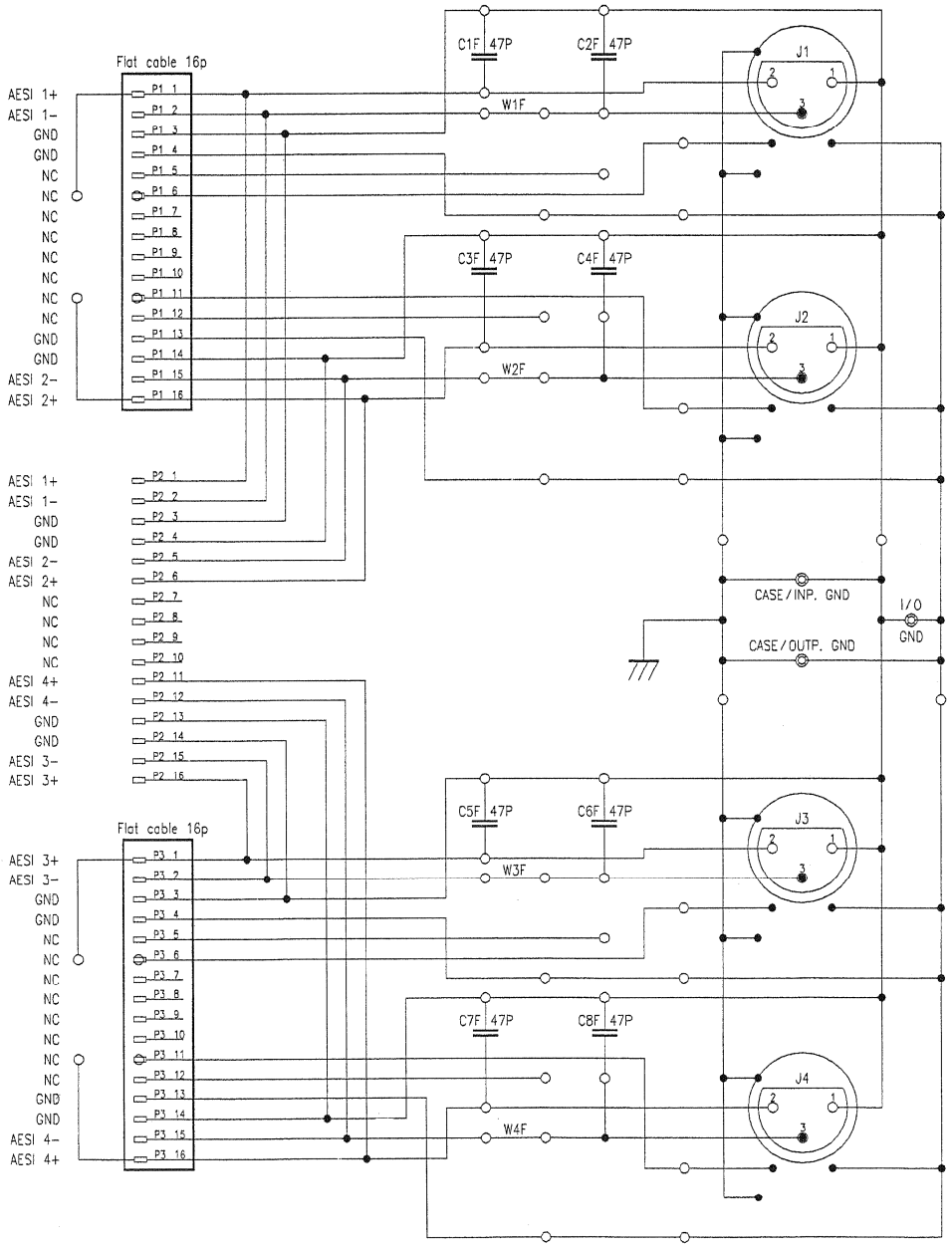
Kopie für:

STUDER REGENSDORF ZÜRICH	Benennung: D 15 M CONNECTION UNIT	Nummer: 1.940.616 – 81

XLR Connection AES / EBU Input 1.940.617.81

PCB:	1.940.617.12	(1x)
C 47pF:	59.34.2470	(8x)
Px:	54.14.2002	(2x)
Wxx:	57.11.3000	(4x)
XLR 3P/F:	54.21.2207	(4x)
FRONT	1.940.617.01	(1x)
SCREWS:	20.24.7623	(8x)

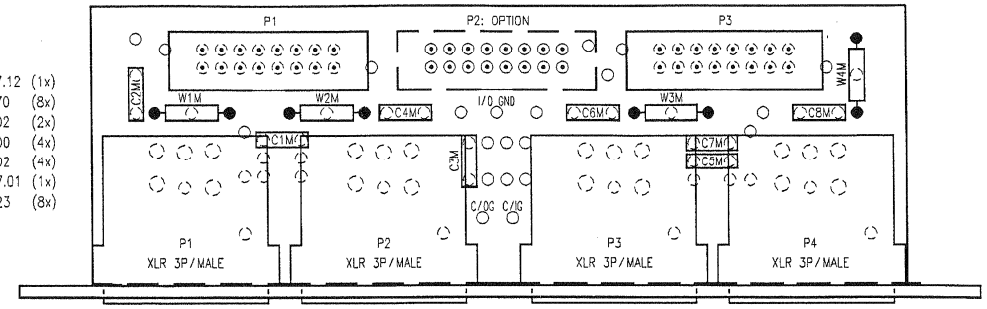


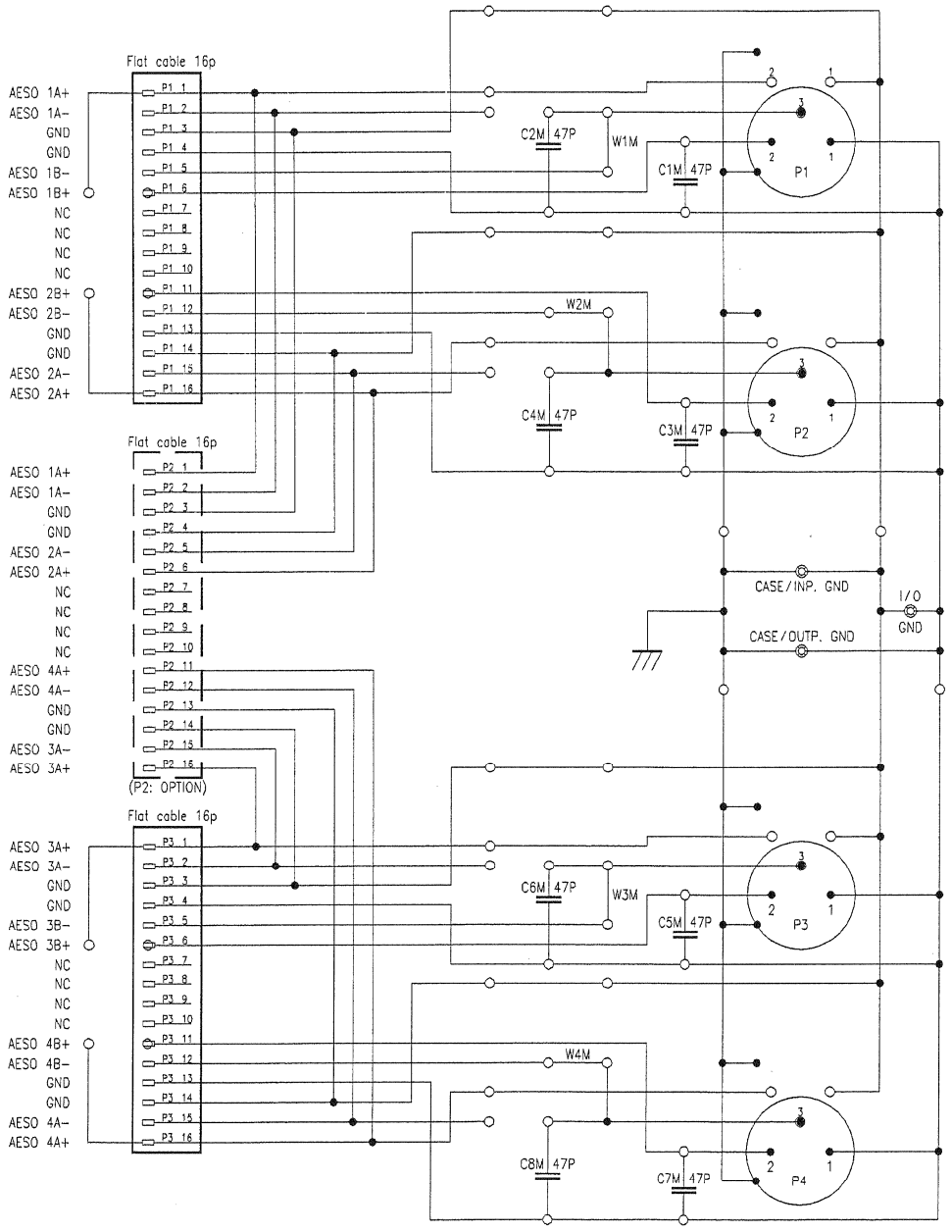


05.01.98/BK				
SC1940617-81				PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	XLR CONNECTION AES/EBU INPUT			1.940.617.81

XLR Connection AES / EBU Output 1.940.618.81

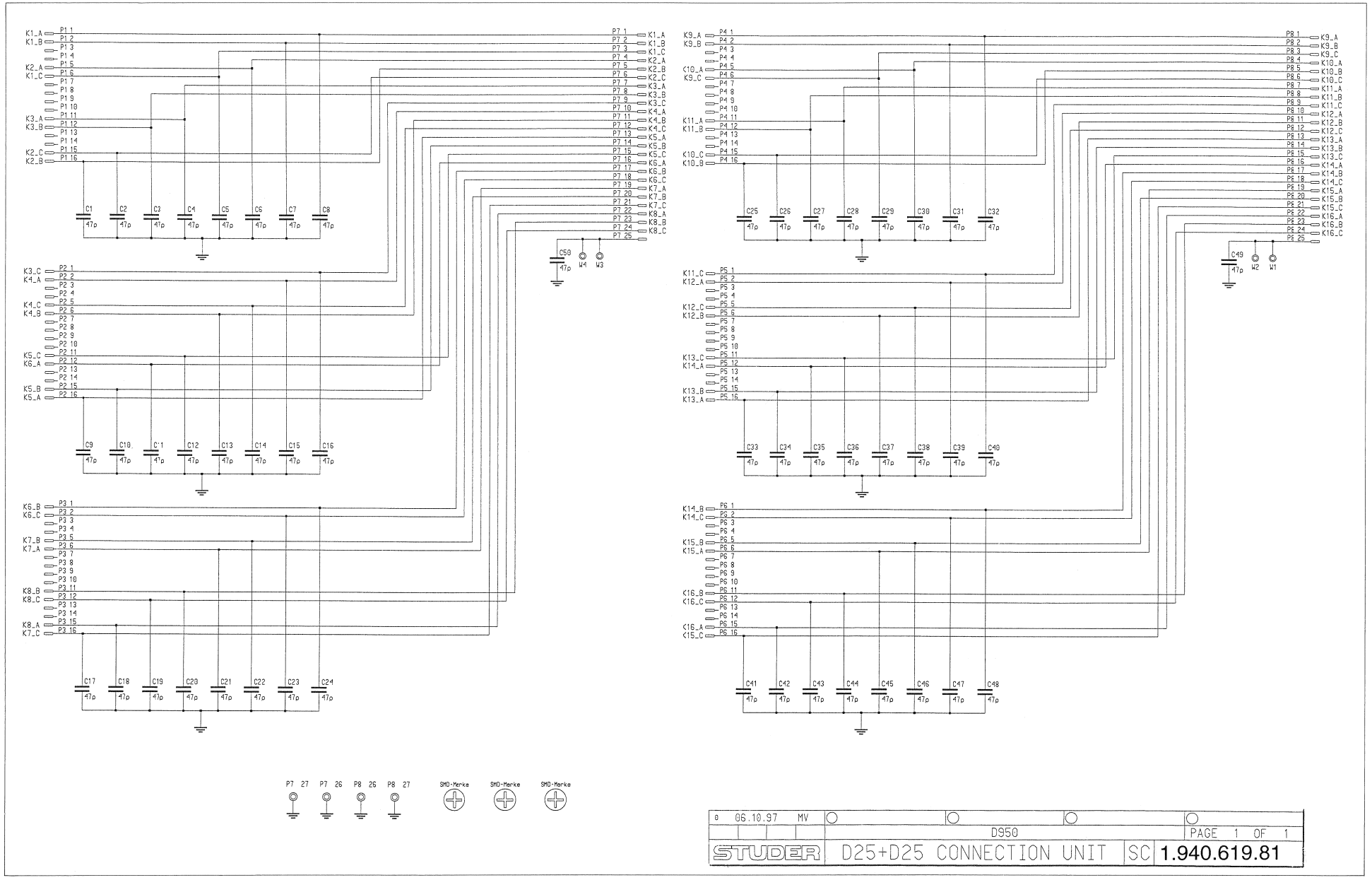
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C 47pF:	59.34.2470	(8x)
Px:	54.14.2002	(2x)
Wxx:	57.11.3000	(4x)
XLR 3P/M:	54.21.2202	(4x)
FRONT	1.940.617.01	(1x)
SCREWS:	20.24.7623	(8x)





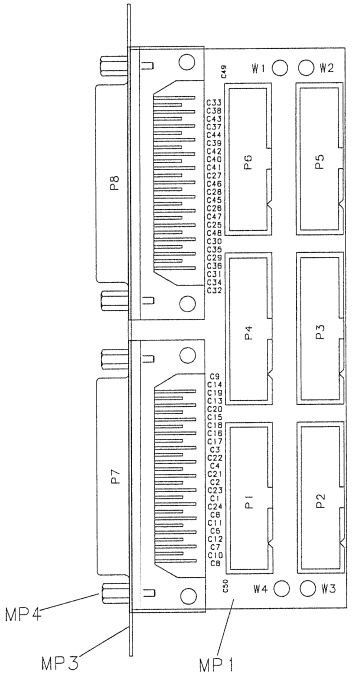
0 05.01.98/BK		
SC1940618-81		PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	XLR CONNECTION AES/EBU OUTPUT	1.940.618.81

D25 + D25 Connection Unit 1.940.619.81



a	06.10.97	MV	D950		PAGE 1 OF 1
STUDER	D25+D25 CONNECTION UNIT			SC	1.940.619.81

D25 + D25 Connection Unit 1.940.619.81



Idx	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 2	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 4	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 5	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 6	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 7	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 8	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 10	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 11	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 12	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 13	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 15	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 17	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 18	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 19	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 20	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 21	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 22	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 23	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 24	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 25	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 26	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 27	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 28	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 29	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 30	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 31	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 32	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 33	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 34	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 35	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 36	59.60.2241		47p	CER 50V, 5%, C0G, 0603
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0	C 40	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 41	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 42	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 43	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 44	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 45	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 46	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 47	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 48	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 49	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 50	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	MP 1	1.940.619.12	1 pce		D25+D25 Connection PCB
0	MP 2	1.940.619.04	1 pce		Nr.-Etikette 5 * 20
0	MP 3	1.940.619.02	1 pce		Rückwand D25+D25
0	MP 4	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
0	P 1	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 3	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 5	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 6	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 7	54.13.0073		25p	D-Sub, PCB, Winkel
0	P 8	54.13.0073		25p	D-Sub, PCB, Winkel

End of List

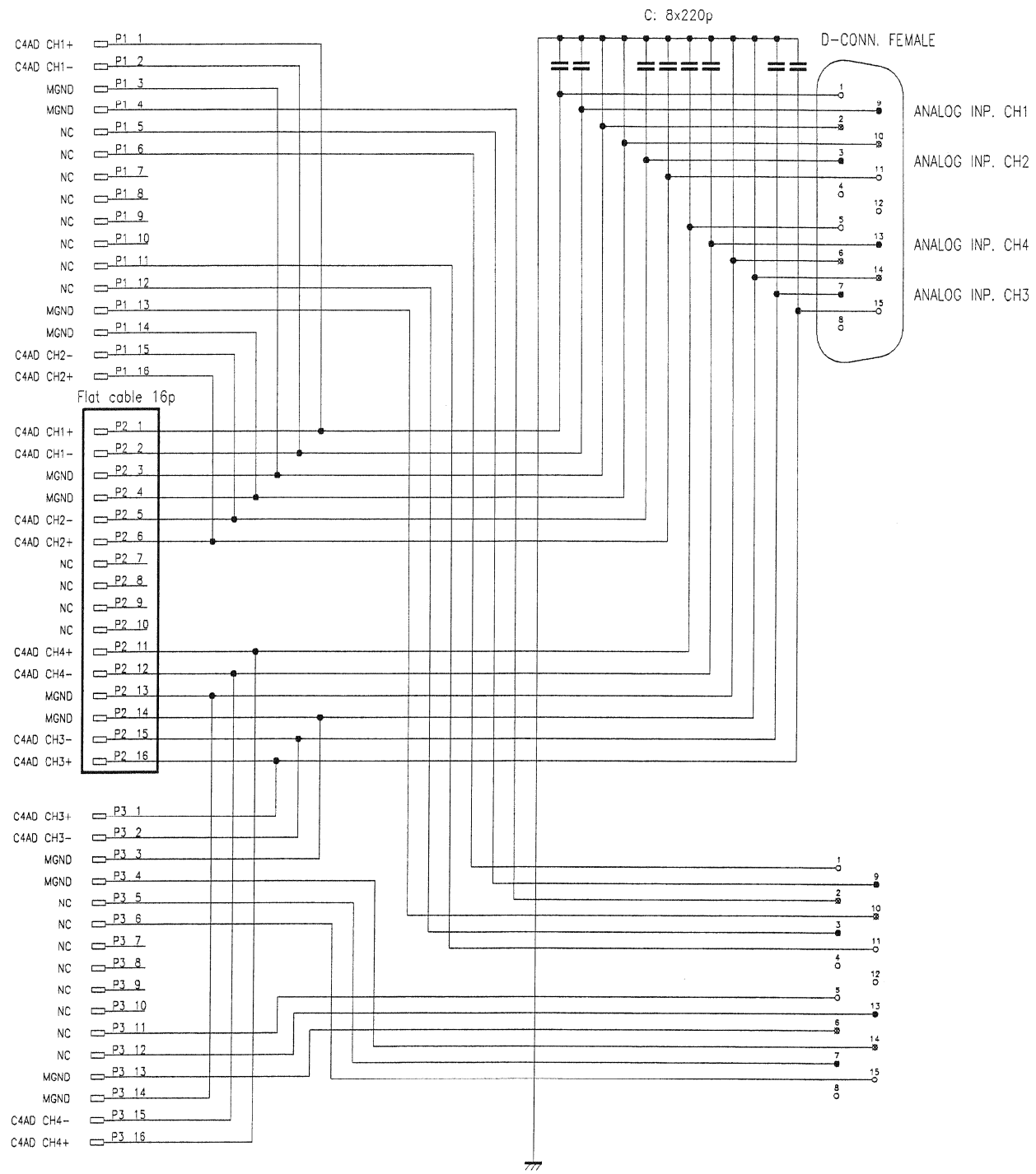
Comments

Modification / Änderung					
Edition / Ausgabe	26.04.99	PZ			0
	Date / Datum	Visa / Gez.	Checked / Gepr.	Seen / Ges.	Index

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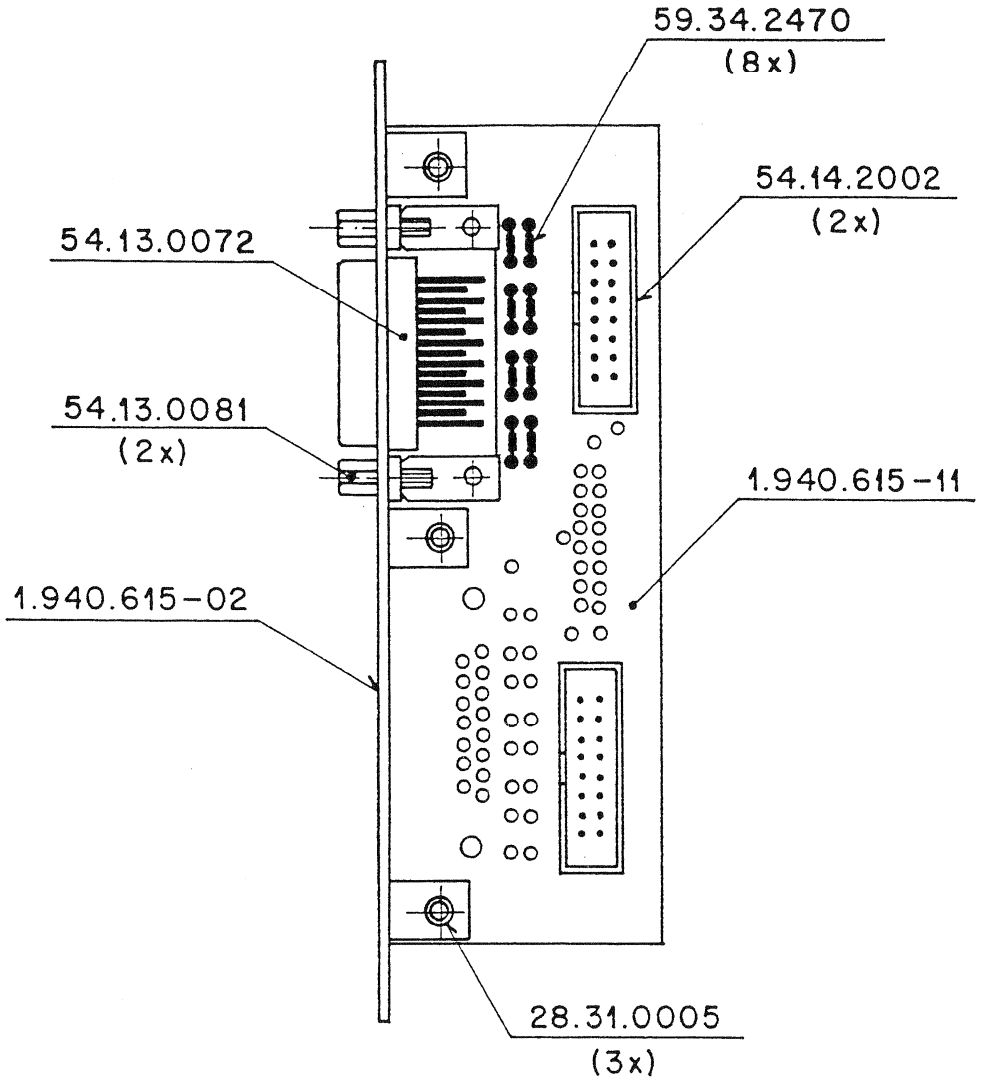
STUDER REGENSDORF — Description / Bezeichnung: D25+D25 CONNECTION UNIT — Number / Nummer: Z 1.940.619.81

Connection Board D-15F C4AD-Card 1.940.625.00



⓪ 16.7.97 GE	◯ 16.02.99 / BK	◯	◯	◯
PCB-D15F-C4AD				PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	CONNECTION BOARD D-15F C4AD-CARD			1.940.625

Connection Board D-15F C4AD-Card 1.940.625.00

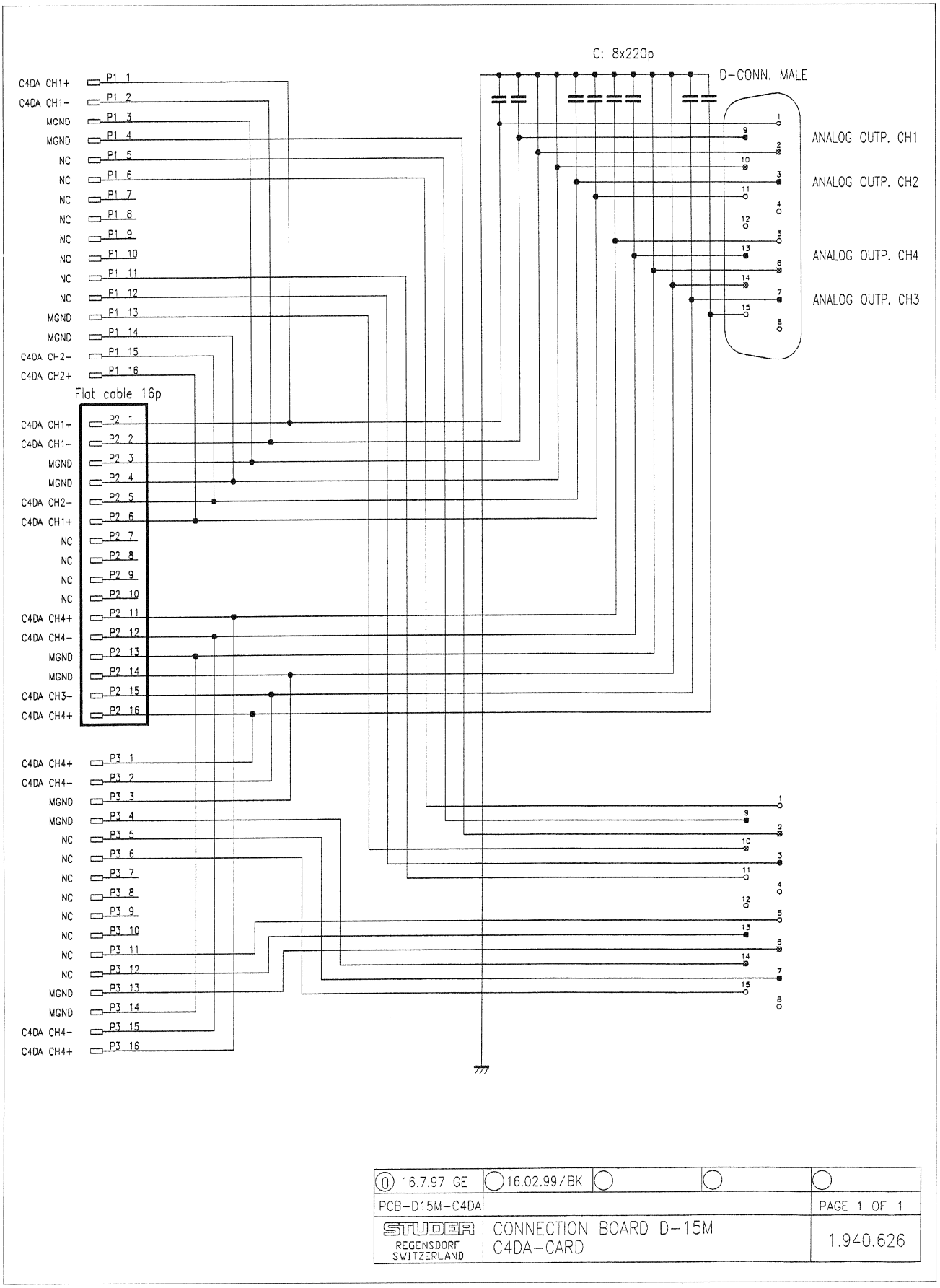


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	Datum	Gez.	Gepr.	Ges.	Index

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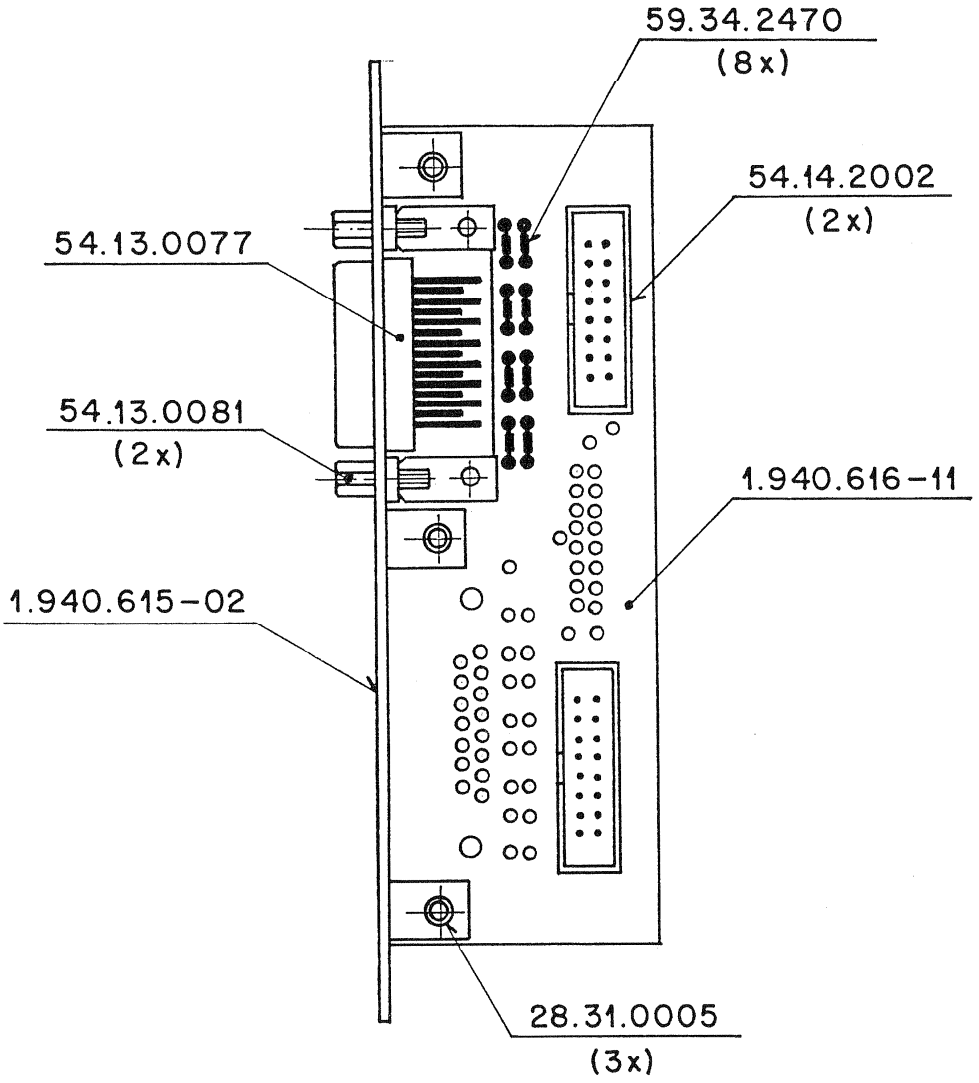
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Connection Board D-15m C4DA-Card 1.940.626.00



0 16.7.97 GE	16.02.99/BK			
PCB-D15M-C4DA				PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	CONNECTION BOARD D-15M C4DA-CARD			1.940.626

Connection Board D-15m C4DA-Card 1.940.626.00



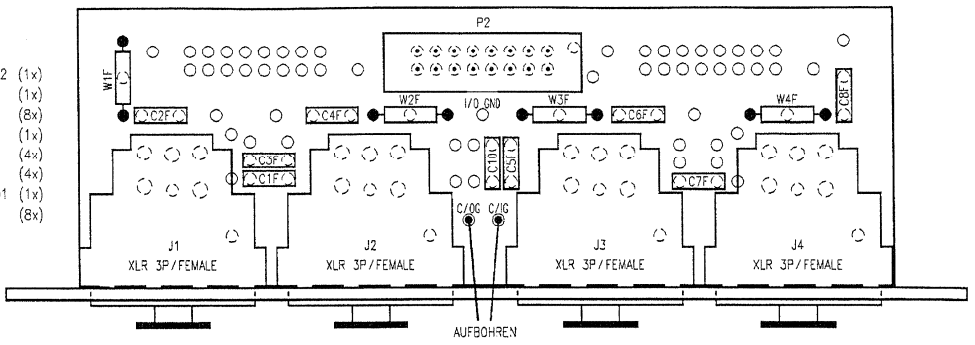
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	Datum	Gez.	Gepr.	Ges.	Index

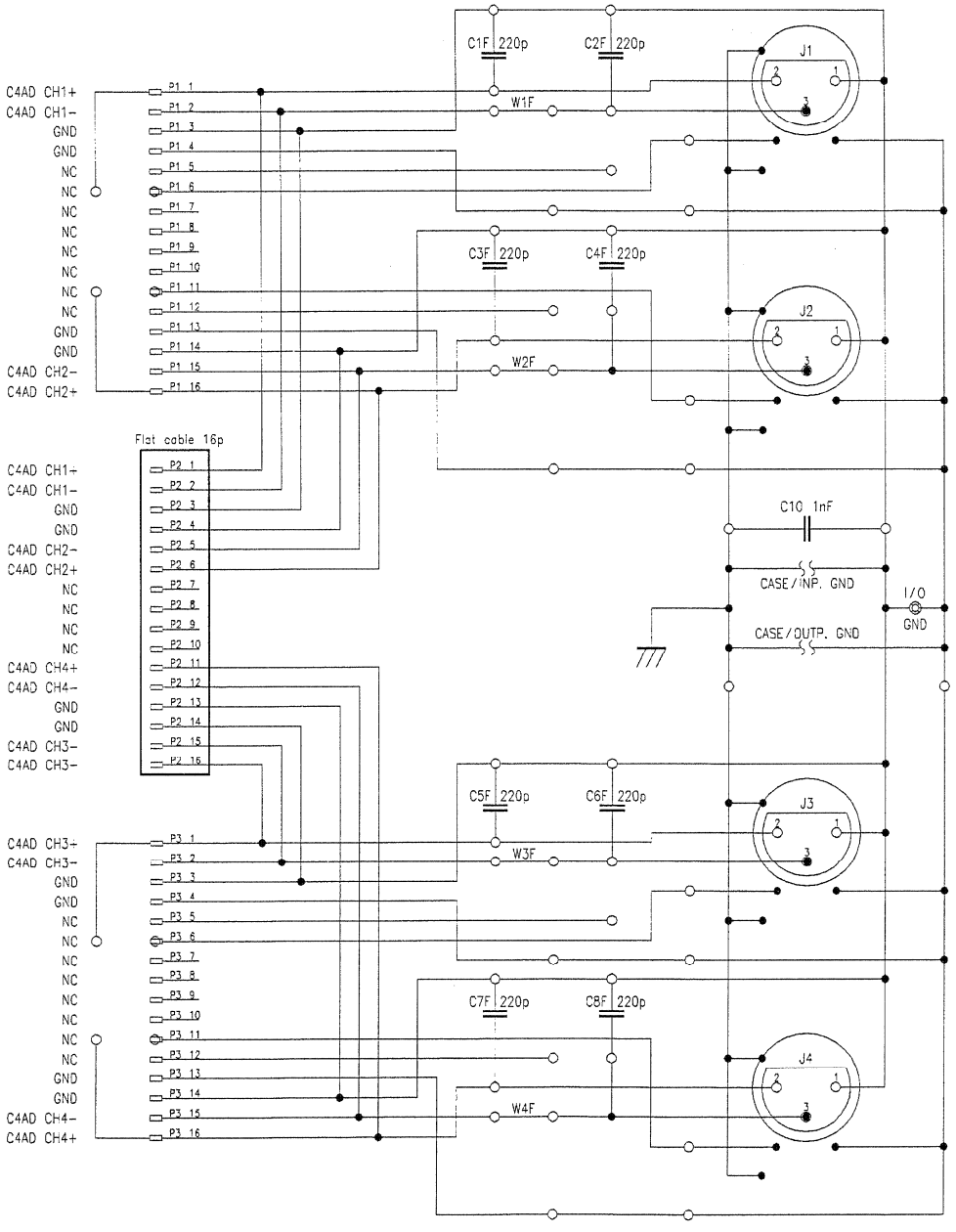
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STUDER REGENSDORF ZÜRICH	Benennung: D 15 M CONNECTION UNIT	Nummer: 1.940.626

XLR Connection Analog Input 1.940.627.81

PCB:	1.940.617.12	(1x)
C 1nF:	59.32.1102	(1x)
C 220pF:	59.32.1221	(8x)
Px:	54.14.2002	(1x)
Wxx:	57.11.3000	(4x)
XLR 3P/F:	54.21.2207	(4x)
FRONT	1.940.617.01	(1x)
SCREWS:	20.24.7623	(8x)

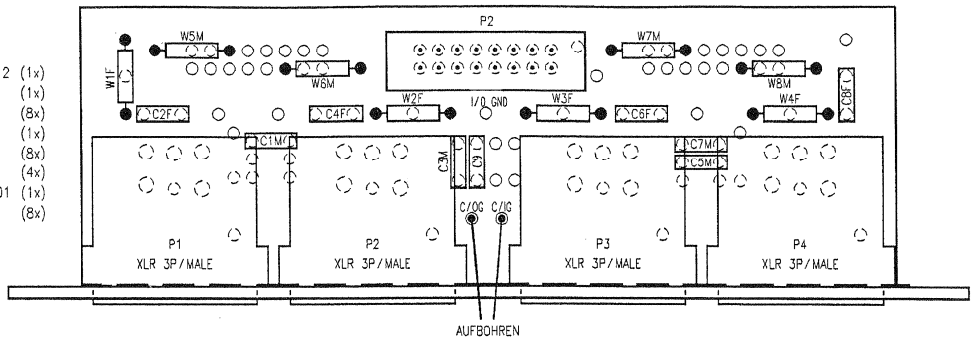


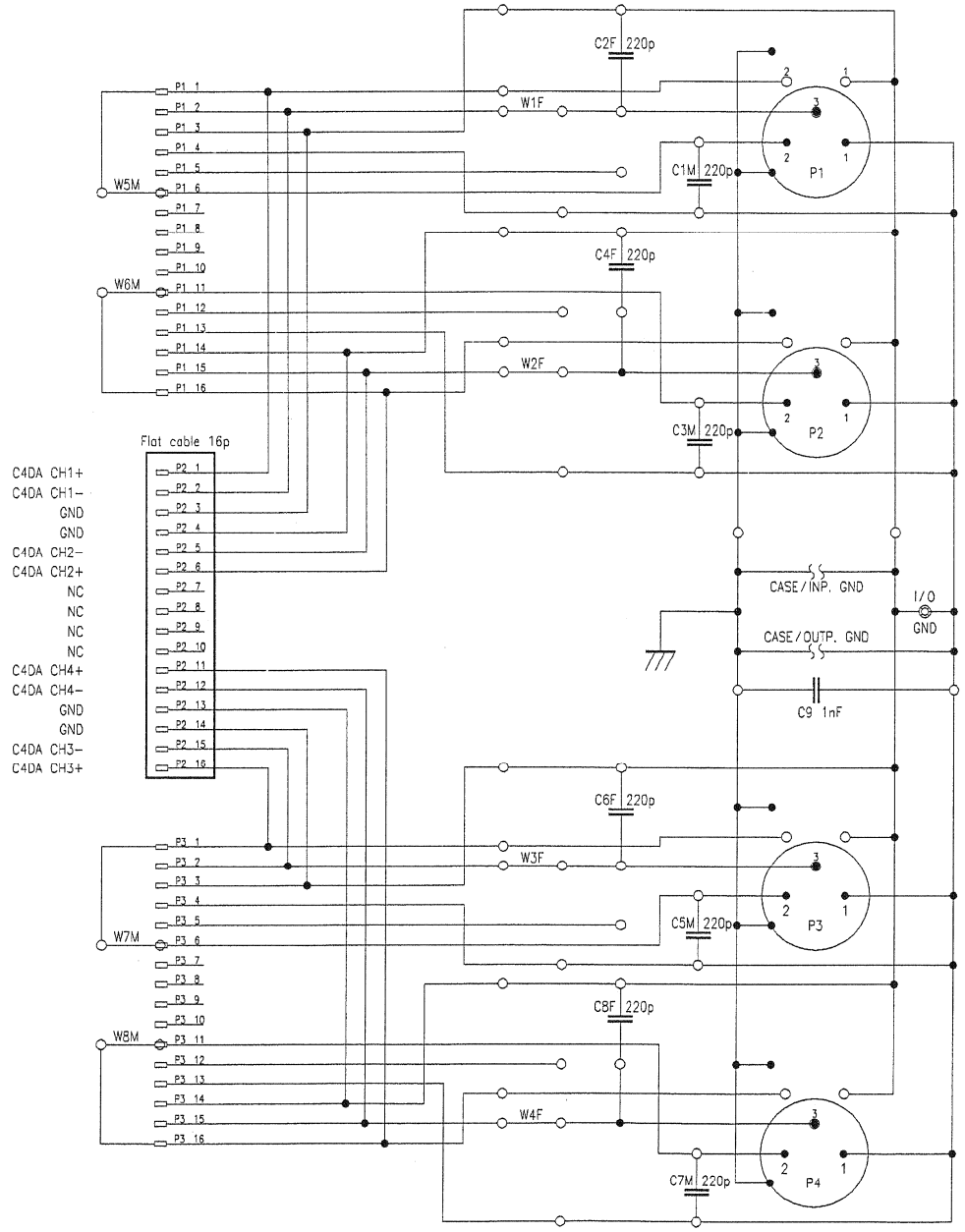


0 05.01.98/RK		
SC1940627-81		PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	XLR CONNECTION ANALOG INPUT	1.940.627.81

XLR Connection Analog Output 1.940.628.81

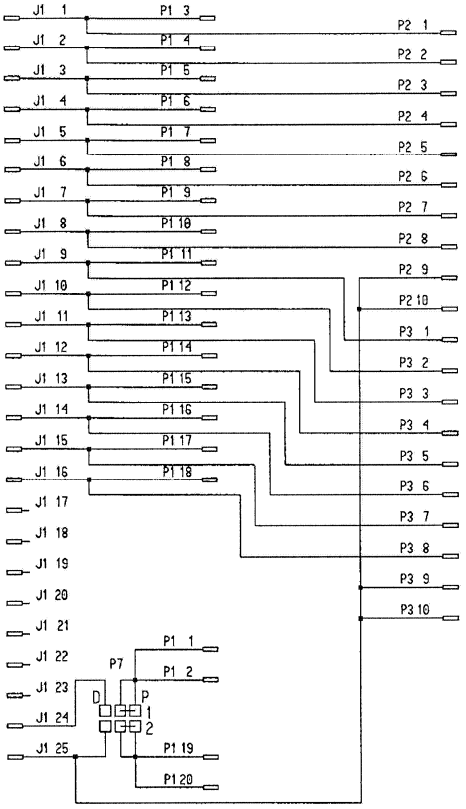
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C 1nF:	59.32.1102	(1x)
C 220pF:	59.32.1221	(8x)
Px:	54.14.2002	(1x)
Wxx:	57.11.3000	(8x)
XLR 3P/M:	54.21.2202	(4x)
FRONT	1.940.617.01	(1x)
SCREWS:	20.24.7623	(8x)

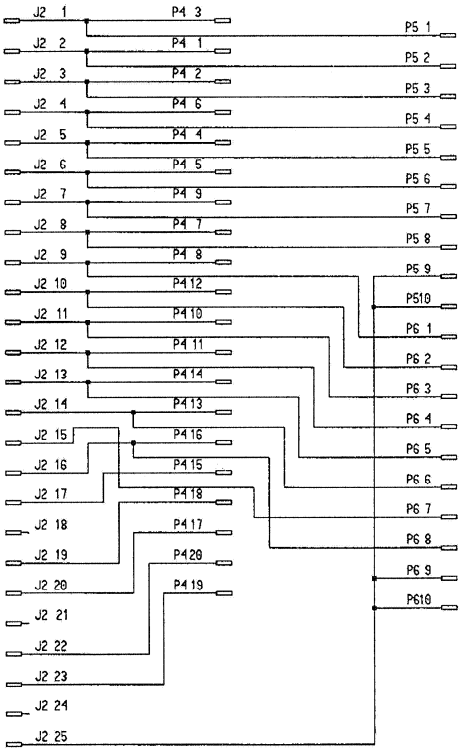




05.01.98/BK		
SC1940628-81		PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	XLR CONNECTION ANALOG OUTPUT	1.940.628.81

Connection Unit Control Port 1.940.630.81 (0)

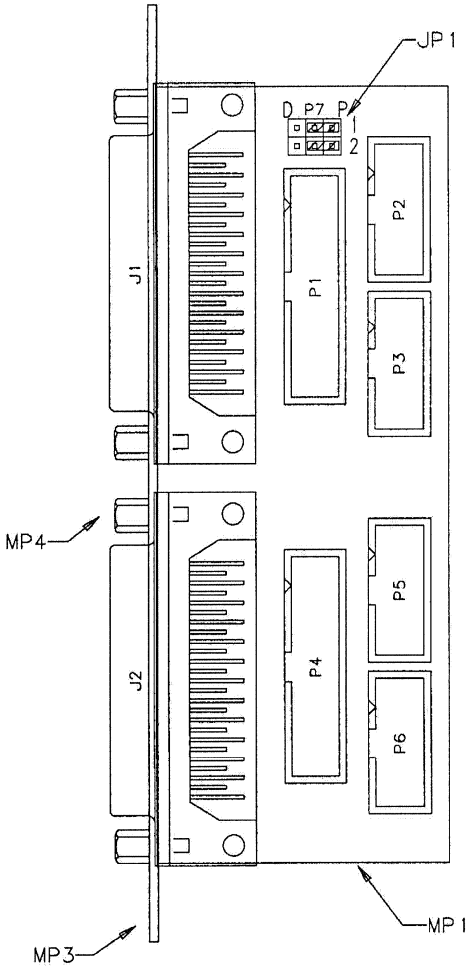




0 11.03.1999 ML				
	DS-D Rack			PAGE 1 OF 1
STUDER	Control Connection			1.940.630.00

Date printed: 30.09.02

Connection Unit Control Port 1.940.630.81 (0)



Accompanying documents: Zugehoerige Unterlagen: PL	General tolerance: Freimasstoleranz: .	Scale: Massstab:	Edition Ausgabe	26.04.1999 Date Datum	PZ Visa Gez.	Checked Gepr.	Seen Ges.	0 Index
Substitute for: Ersatz fuer: .	Replaced by: Ersetzt durch: .		Copy to: Kopie fuer: .					
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Date printed: 30.09.02

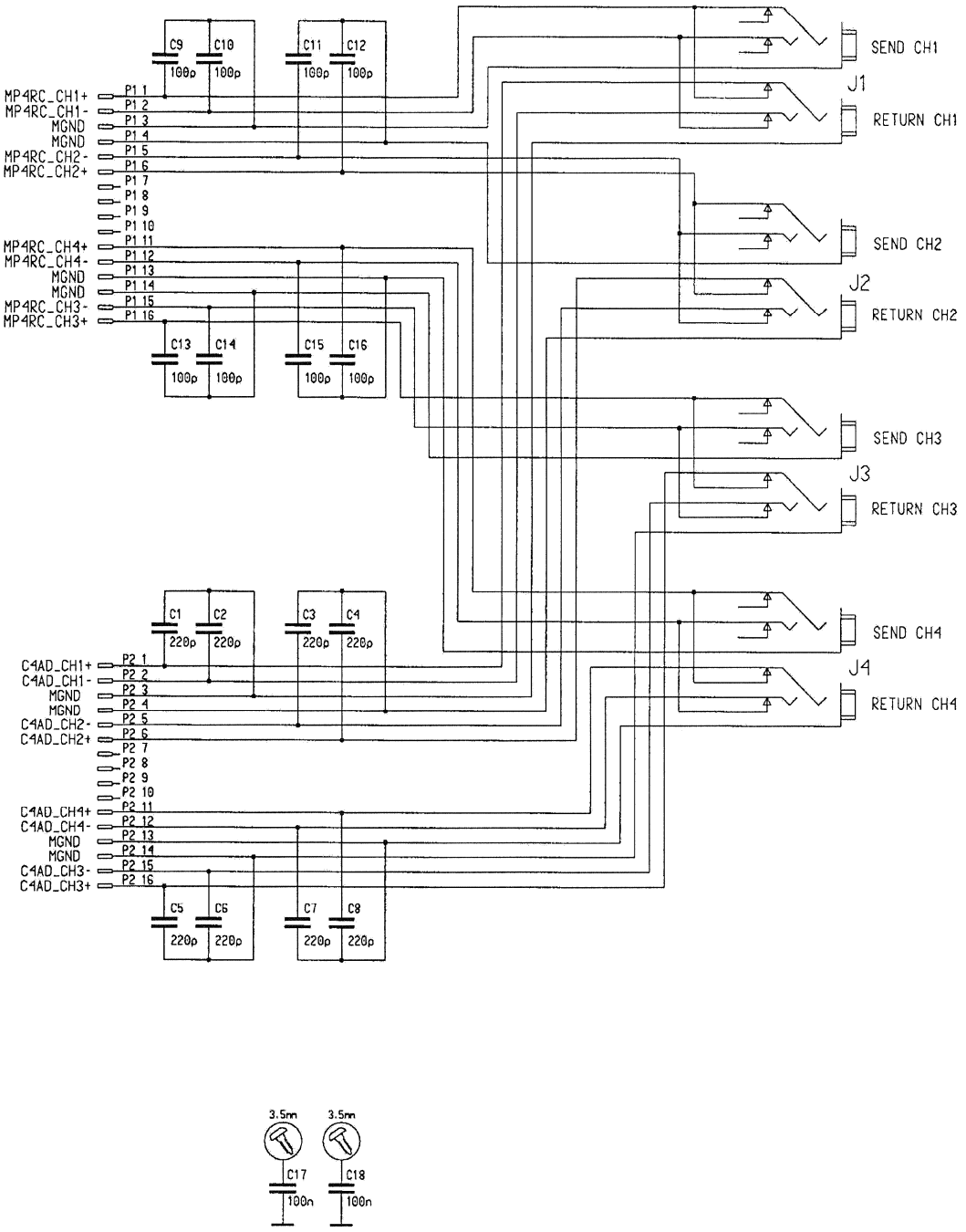
Connection Unit Control Port 1.940.630.81 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
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0	J 2	54.13.0073		25p	D-Sub, PCB, Winkel
0	JP 1	54.01.0021	2 pcs	Jumper	0.63*0.63mm, Au
0	MP 1	1.940.630.12	1 pce		Control Connection PCB
0	MP 2	1.940.630.10	1 pce		NR. Etikette 5 x 20
0	MP 3	1.940.619.02	1 pce		Rückwand D25+D25
0	MP 4	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
0	MP 5	24.16.1030	4 pcs	3.2/5.5	Rippenscheibe
0	P 1	54.14.2008		20p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2001		10p	1/20" Au, gerade, ohne Verrieg
0	P 3	54.14.2001		10p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.14.2008		20p	1/20" Au, gerade, ohne Verrieg
0	P 5	54.14.2001		10p	1/20" Au, gerade, ohne Verrieg
0	P 6	54.14.2001		10p	1/20" Au, gerade, ohne Verrieg
0	P 7	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

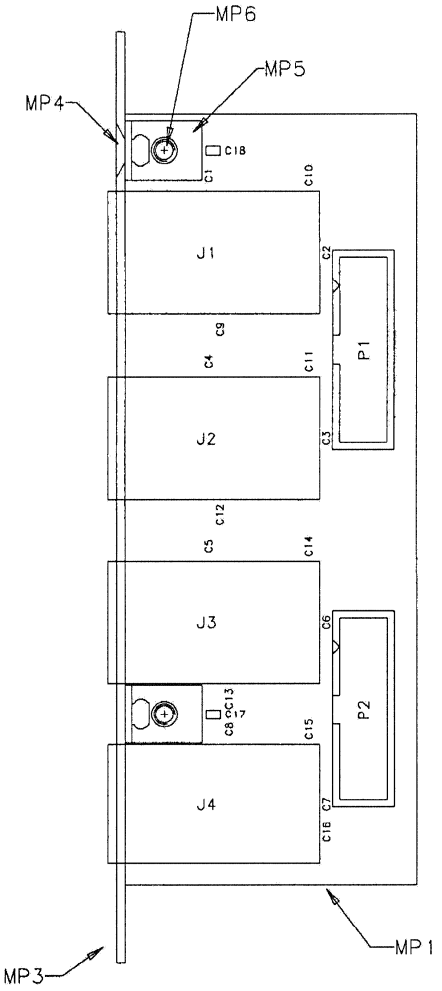
Connection Unit Bantam Jack (f. Analog Inserts) 1.940.631. 00 (0)



0 09.11.1998 GE				
				PAGE 1 OF 1
STUDER	Connection Board Insert			1.940.631.00

Date printed: 30.09.02

Connection Unit Bantam Jack (f. Analog Inserts) 1.940.631.00 (0)



Accompanying documents: Zugehoerige Unterlagen: PL	General tolerance: Freimasstoleranz: .	Scale: Massstab:	Edition Ausgabe	07.12.1998	AF		.	0
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STUDER REGENSDORF	Description: Benennung: Connection Board Insert		Number: Nummer: 1.940.631.00					

Date printed: 30.09.02

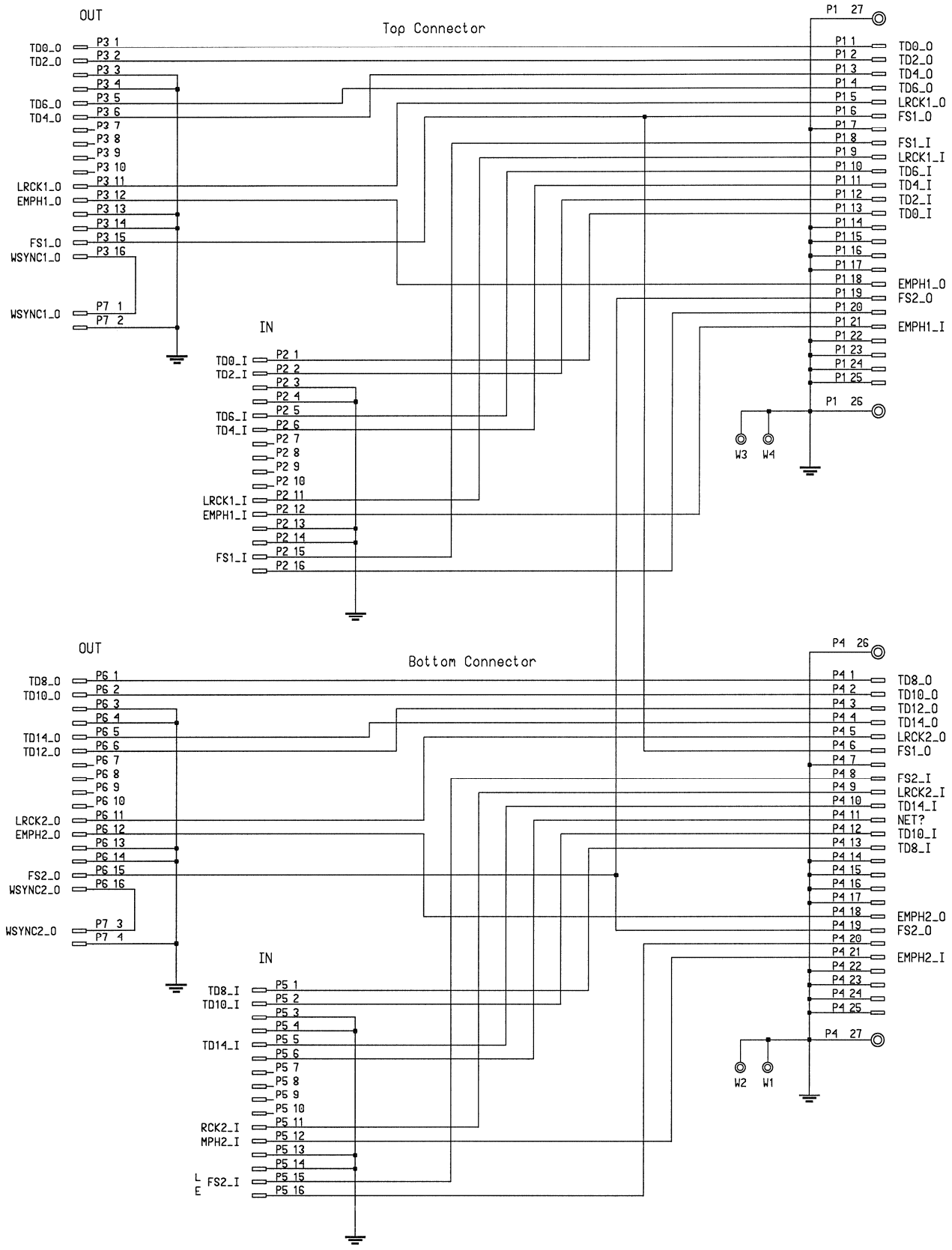
Connection Unit Bantam Jack (Analog Ins.) 1.940.631.00 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 2	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 4	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 5	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 6	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 7	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 8	59.60.2257		220p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 10	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 11	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 12	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 13	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 15	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.2249		100p	CER 50V, 5%, C0G, 0603
0	C 17	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.3337		100n	CER 50V, 10%, X7R, 0805
0	J 1	54.24.0211		2*3p	Bantam-Buchse, 4.4mm
0	J 2	54.24.0211		2*3p	Bantam-Buchse, 4.4mm
0	J 3	54.24.0211		2*3p	Bantam-Buchse, 4.4mm
0	J 4	54.24.0211		2*3p	Bantam-Buchse, 4.4mm
0	MP 1	1.940.631.11	1 pce		CONNECTION INSERT PCB
0	MP 2	1.940.631.10	1 pce		Nr. Etikette 5 x 20
0	MP 3	1.940.631.01	1 pce		RÜCKWAND
0	MP 4	28.31.0110	2 pcs		SENKKOPFNIETE D 3.2 * 4.3
0	MP 5	35.99.0104	2 pcs		MONTAGEWINKEL
0	MP 6	21.53.9354	2 pcs	M3*6	Z-Schraube Inbus-Ripp Zn gb ch
0	P 1	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

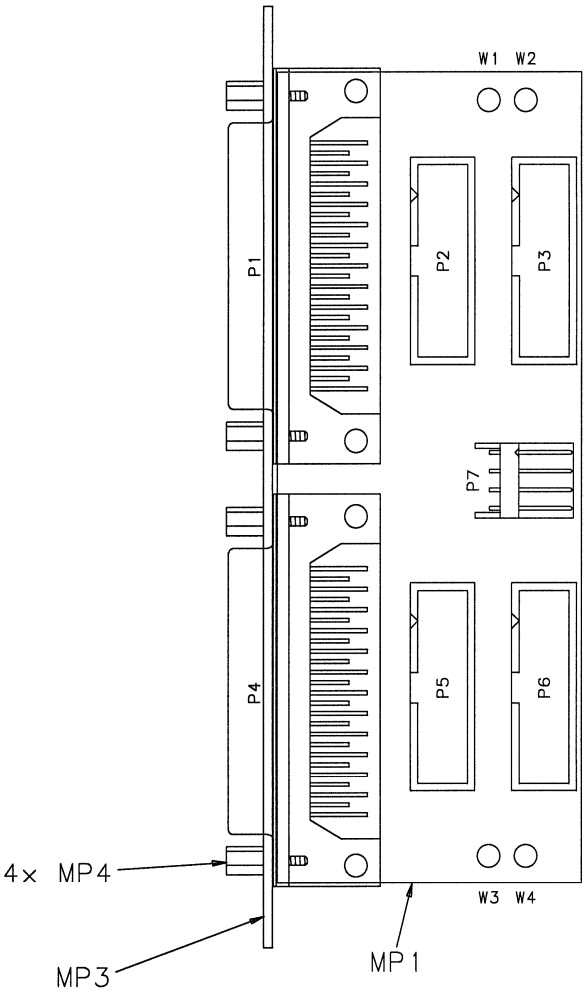
Connection Unit 4 × D25m (Dual TDIF I/O) 1.940.632.00 (0)



Erstellt	⓪ 03.01.2001 ZT				
			D19M	PAGE 1 OF 1	
STUDER	CONNECTION-TDIF IN/OUT			1.940.632.00	

Date printed: 30.09.02

Connection Unit 4 × D25m (Dual TDIF I/O) 1.940.632.00 (0)



Accompanying documents: Zugehoerige Unterlagen: PL	General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition Ausgabe	03.01.2001 Date Datum	ZT Visa Gez.	ML Checked Gepr.	RL Seen Ges.	(0) Index
Substitute for: Ersatz fuer:			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: CONNECTION-TDIF IN/OUT			Number: Nummer: 1.940.632.00				

Date printed: 30.09.02

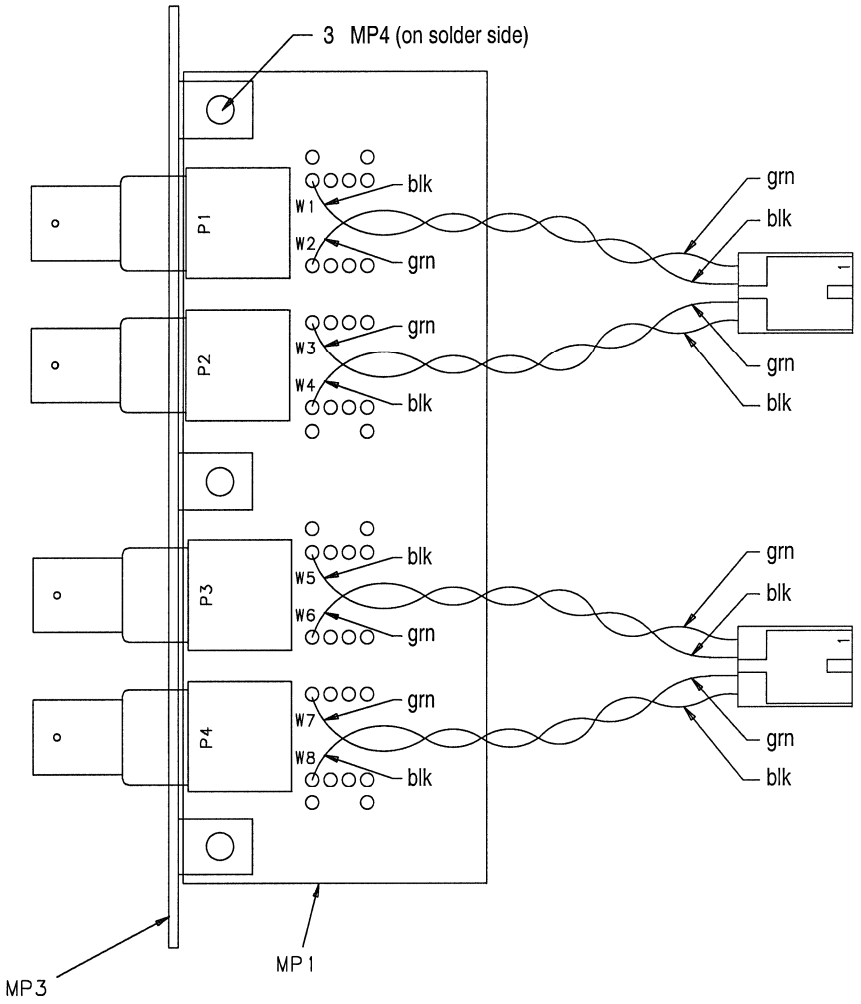
Connection Unit 4 × D25m (Dual TDIF I/O) 1.940.632.00 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	MP 1	1.940.632.11	1 pce		CONNECTION TDIF IN/OUT PCB
0	MP 2	1.940.632.04	1 pce		Nr.-Etikette 5 * 20
0	MP 3	1.940.619.02	1 pce		Rückwand D25+D25
0	MP 4	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
0	P 1	54.13.0073	1 pce	25p	D-Sub, PCB, Winkel
0	P 2	54.14.2002	1 pce	16p	1/20" Au, gerade, ohne Verrieg
0	P 3	54.14.2002	1 pce	16p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.13.0073	1 pce	25p	D-Sub, PCB, Winkel
0	P 5	54.14.2002	1 pce	16p	1/20" Au, gerade, ohne Verrieg
0	P 6	54.14.2002	1 pce	16p	1/20" Au, gerade, ohne Verrieg
0	P 7	54.12.0724	1 pce	4p	Stecker winkel PCB

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

Connection Unit 4 × BNC (WCLK Out) 1.940.633.00 (0)



Accompanying documents: Zugehoerige Unterlagen: PL, LL	General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition Ausgabe	03.01.2001 Date Datum	ZT Visa Gez.	ML Checked Gepr.	RL Seen Ges.	0 Index
Substitute for: Ersatz fuer:			Page: Seite:	1 / 1				
STUDER REGENSDORF	Description: Benennung: CONNECTION-WCLK OUT			Number: Nummer: 1.940.633.00				

Date printed: 30.09.02

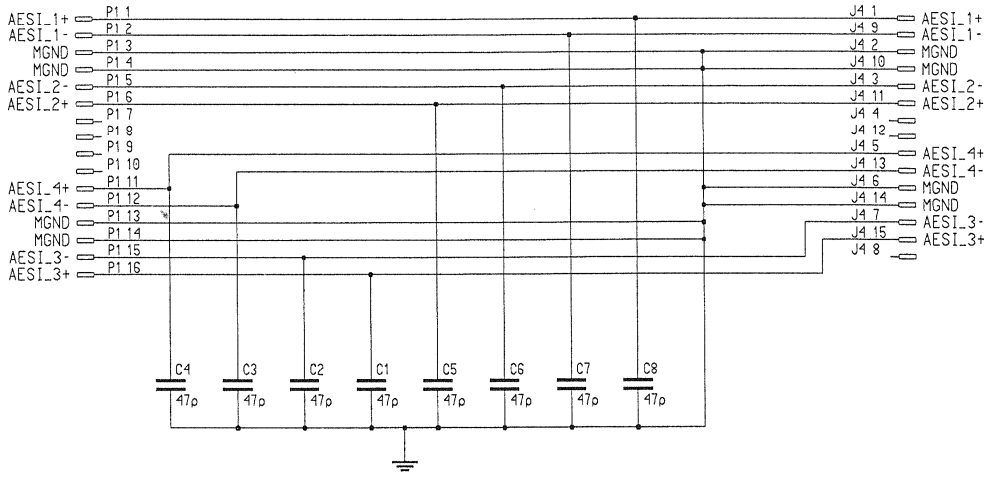
Connection Unit 4 × BNC (WCLK Out) 1.940.633.00 (0)

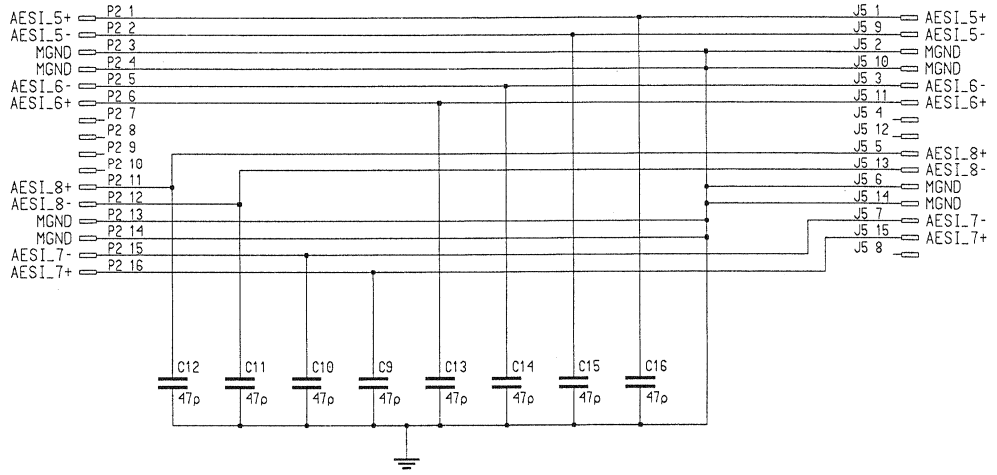
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	LL 1	1.940.633.93	1 pce		LL CONNECTION WCLK OUT
0	MP 1	1.940.612.11	1 pce		BNC Output Unit PCB
0	MP 2	1.940.633.04	1 pce		Nr.-Etikette 5 * 20
0	MP 3	1.940.611.01	1 pce		Rückwand BNC
0	MP 4	28.31.0005	3 pcs		BLINDNIETE, D 3.2* 6.1
0	P 1	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 2	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 3	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 4	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC

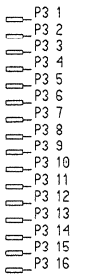
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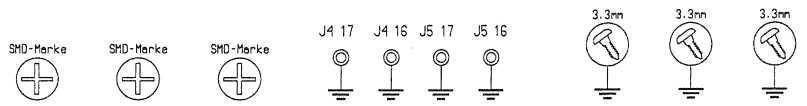
Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

Connection Board 2xD-15F 8x AESI-Card 1.940.635.00



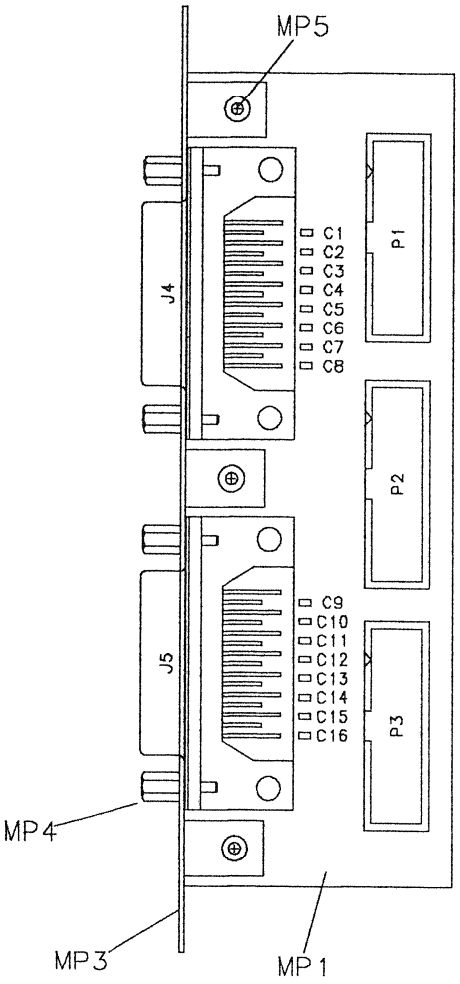






0 18.11.97 JM					
		D950			PAGE 1 OF 1
STUDER	CONNECTION BOARD 2X D-15F 8X AESI-CARD			SC	1.940.635.00

Connection Board 2xD-15F 8x AESI-Card 1.940.635.00



Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 2	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 4	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 5	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 6	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 7	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 8	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 10	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 11	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 12	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 13	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 15	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	J 4	54.13.0072		15p	D-Sub, PCB, Winkel
0	J 5	54.13.0072		15p	D-Sub, PCB, Winkel
0	MP 1	1.940.635.11	1 pce		Connection 2xD-15F 8xAESI PCB
0	MP 2	1.940.635.04	1 pce		Nr.-Etikette 5 * 20
0	MP 3	1.940.615.01	1 pce		Rückwand D15+D15
0	MP 4	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
0	MP 5	28.31.0005	3 pcs		BLINDNIETE, D 3.2* 6.1
0	P 1	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 3	not used		16p	1/20" Au, gerade, ohne Verrieg

End of List

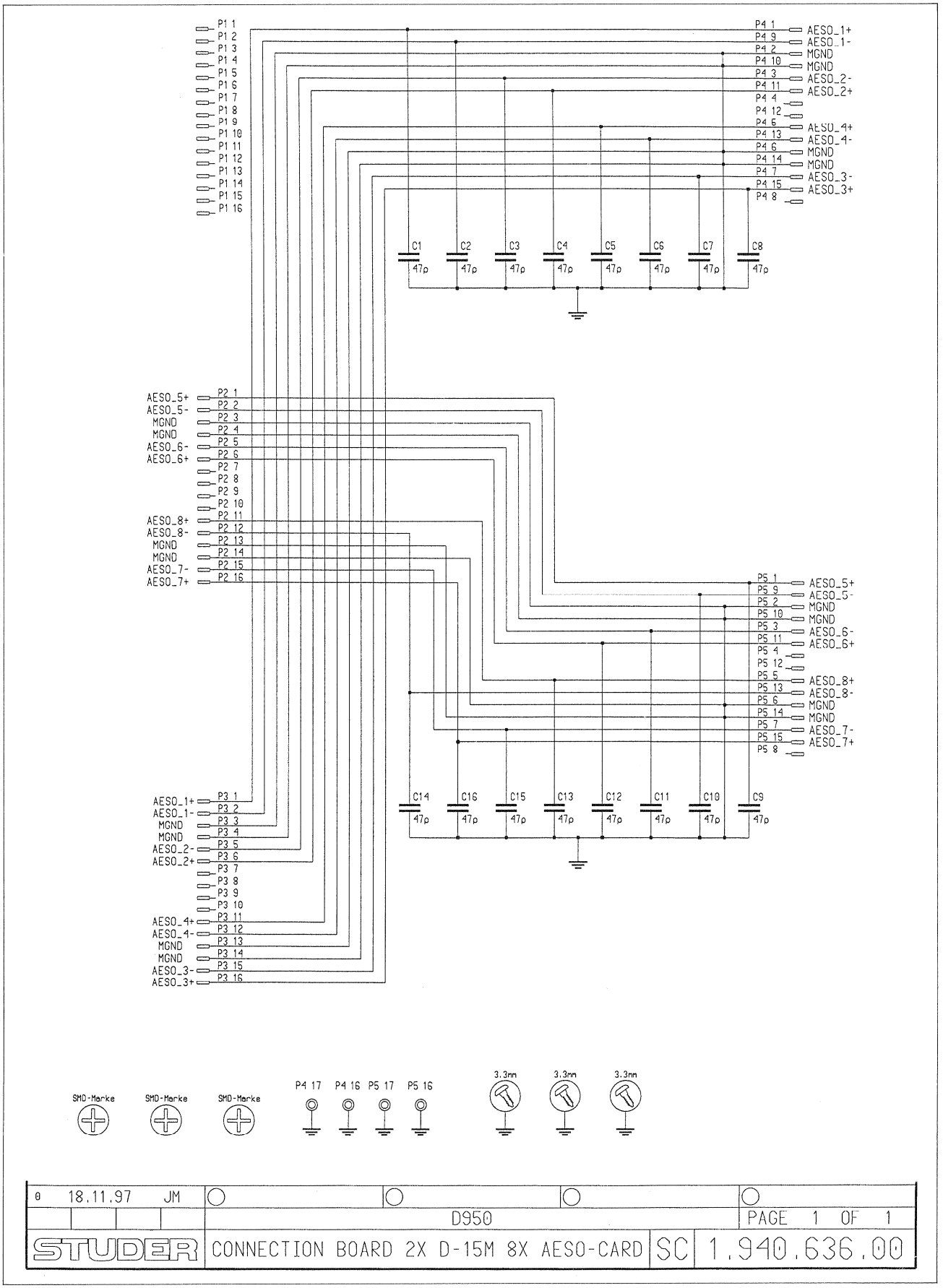
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	.	.			2
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Edition Ausgabe	18.11.97	AF			0
	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index

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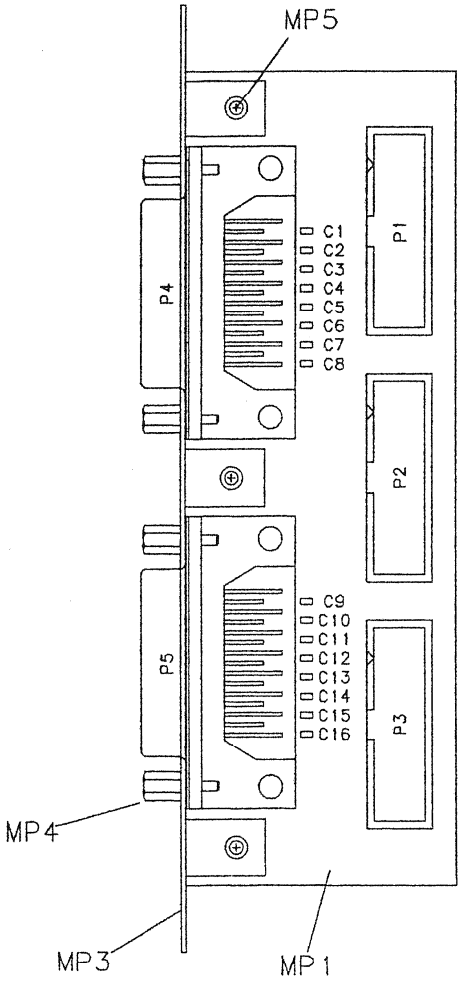
STUDER REGENSDORF	Description: Benennung: CONNECTION BOARD 2X D-15F 8X AESI-CARD	Number: Nummer: 1.940.635.00

Connection Board 2xD-15M 8x AESO-Card 1.940.636.00



0	18.11.97	JM			
			D950		PAGE 1 OF 1
STUDER			CONNECTION BOARD 2X D-15M 8X AESO-CARD	SC	1.940.636.00

Connection Board 2xD-15M 8x AESO-Card 1.940.636.00



Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 2	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 3	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 4	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 5	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 6	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 7	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 8	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 10	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 11	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 12	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 13	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 14	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 15	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	C 16	59.60.2241		47p	CER 50V, 5%, C0G, 0603
0	MP 1	1.940.636.11	1 pce		Connection 2xD-15M 8xAESO PCB
0	MP 2	1.940.636.04	1 pce		Nr.-Etikette 5 * 20
0	MP 3	1.940.615.01	1 pce		Rückwand D15+D15
0	MP 4	54.13.0081	4 pcs	4.85mm	Bolzen UNC 4-40
0	MP 5	28.31.0005	3 pcs		BLINDNIETE, D 3.2* 6.1
0	P 1	not used		16p	1/20" Au, gerade, ohne Verrieg
0	P 2	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 3	54.14.2002		16p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.13.0077		15p	D-Sub, PCB, Winkel
0	P 5	54.13.0077		15p	D-Sub, PCB, Winkel

End of List

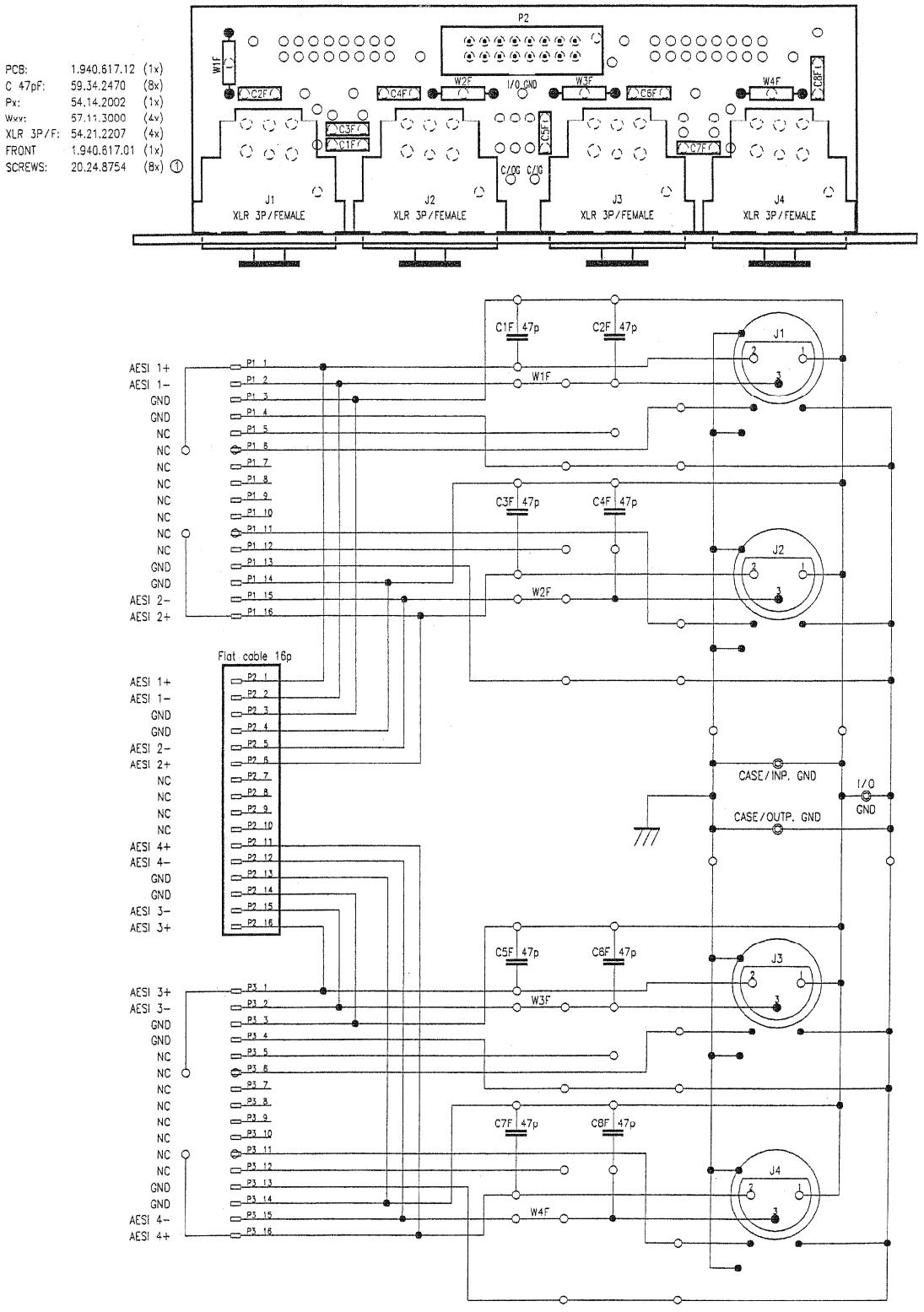
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Edition Ausgabe	18.11.97	AF			0
	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index

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STUDER REGENSDORF	Description: Benennung: CONNECTION BOARD 2X D-15M 8X AESO-CARD	Number: Nummer: 1.940.636.00

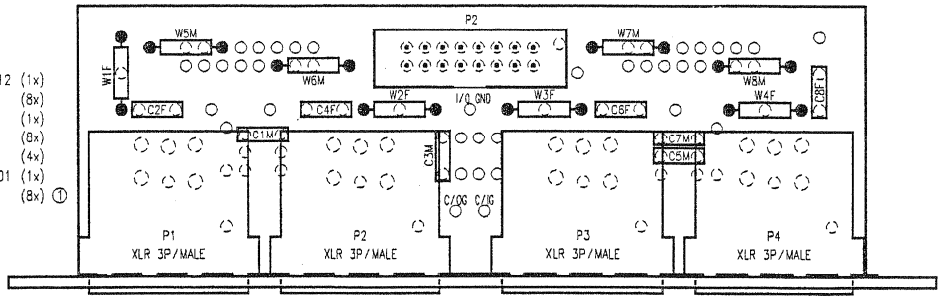
XLR Connection 4x AES/EBU Input 1.940.637.81

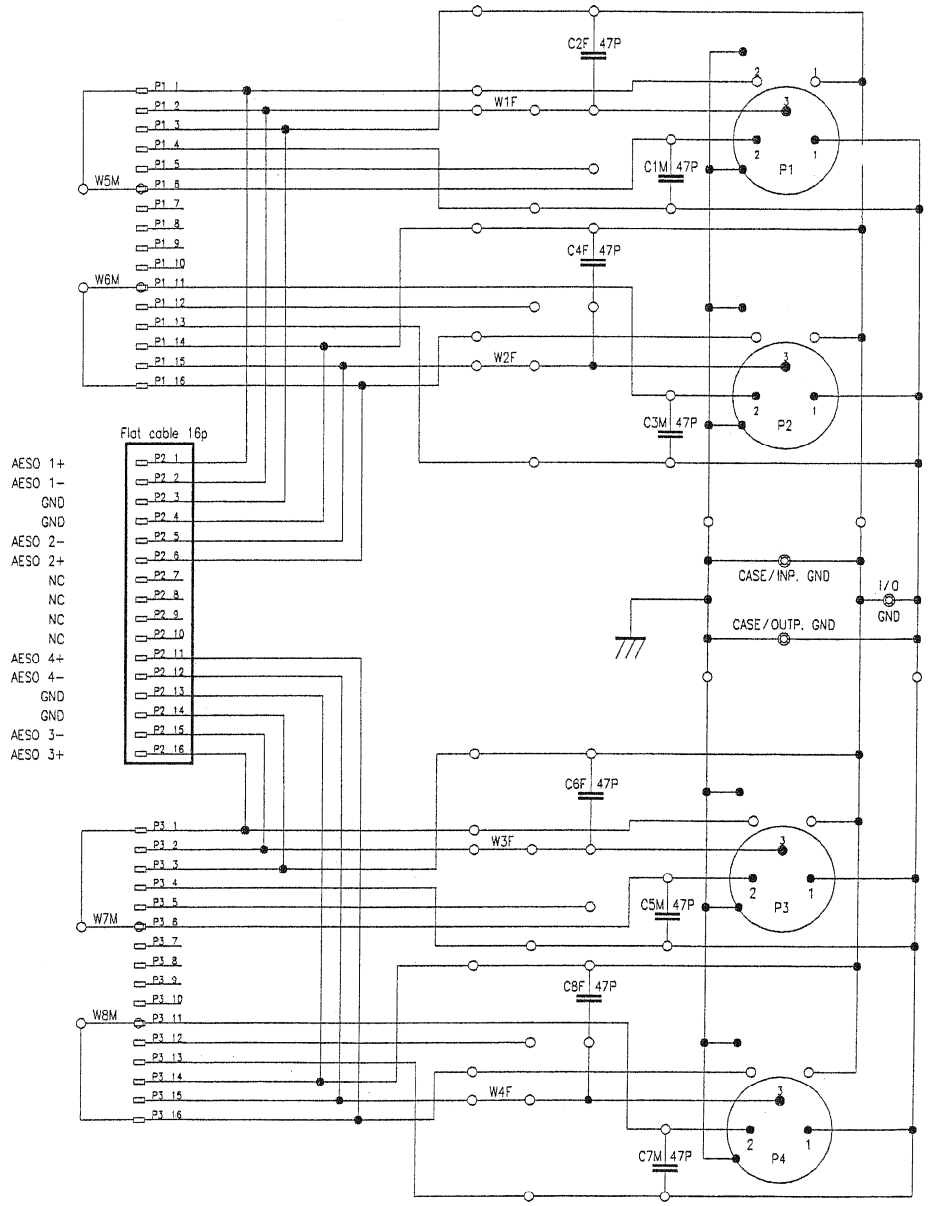


⓪ 06.01.98/BK	① 03.02.99/BK			
SC1940637-81				PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	XLR CONNECTION 4x AES/EBU INPUT			1.940.637.81

XLR Connection 4x AES/EBU Output 1.940.638.81

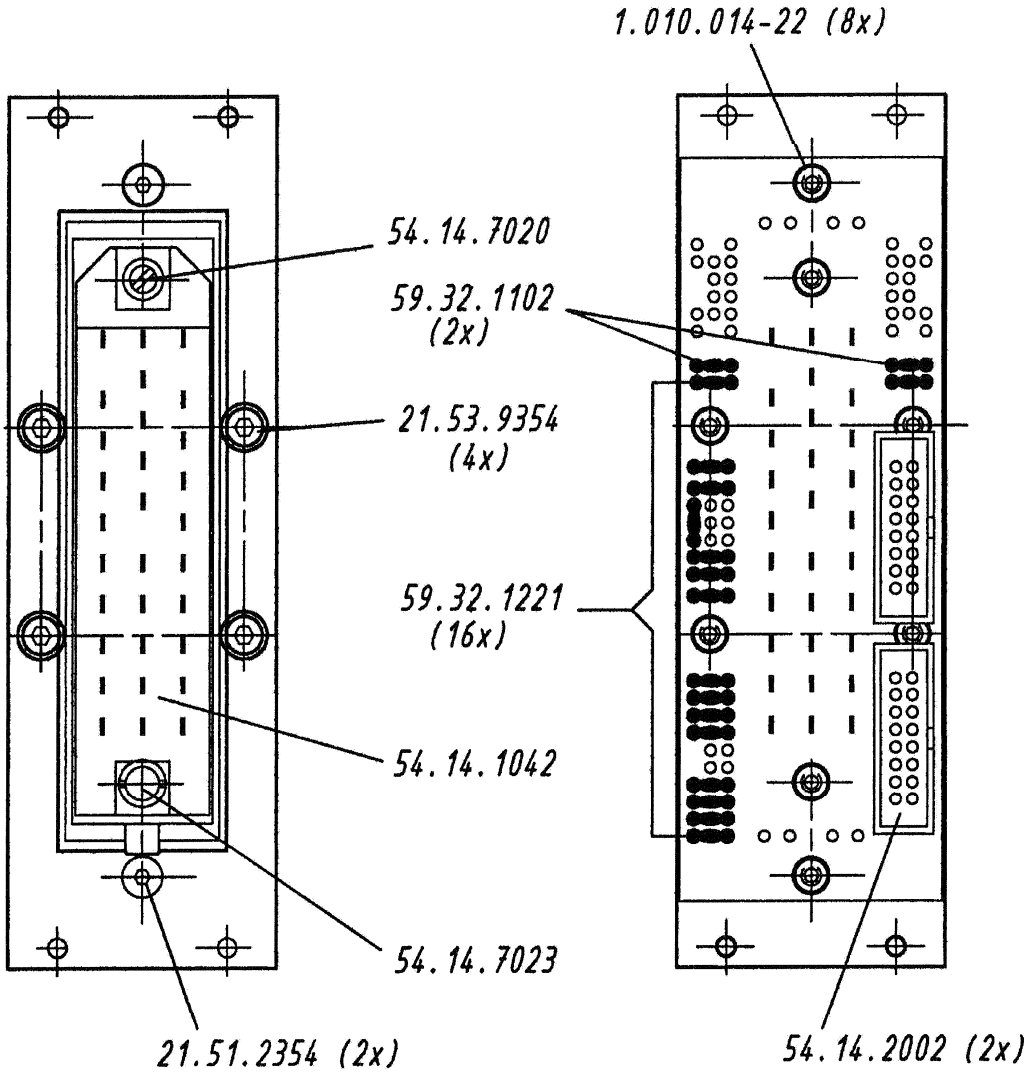
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C 47pF:	59.34.2470	(8x)
Px:	54.14.2002	(1x)
Wxx:	57.11.3000	(8x)
XLR 3P/M:	54.21.2202	(4x)
FRONT	1.940.617.01	(1x)
SCREWS:	20.24.8754	(8x) ①





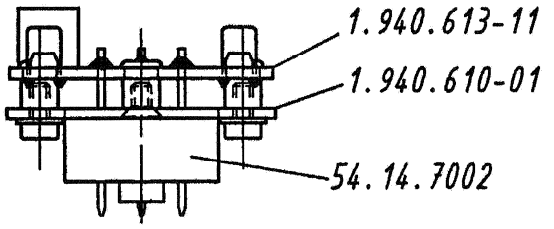
⓪ 06.01.98/BK	① 03.02.99/BK			
SC1940638-81				PAGE 1 OF 1
STUDER REGENSDORF SWITZERLAND	XLR CONNECTION 4x AES/EBU OUTPUT			1.940.638.81

Connection Unit S30f/Gold Cont. (Analog Out) 1.940.640.00 (0)



Also contained:

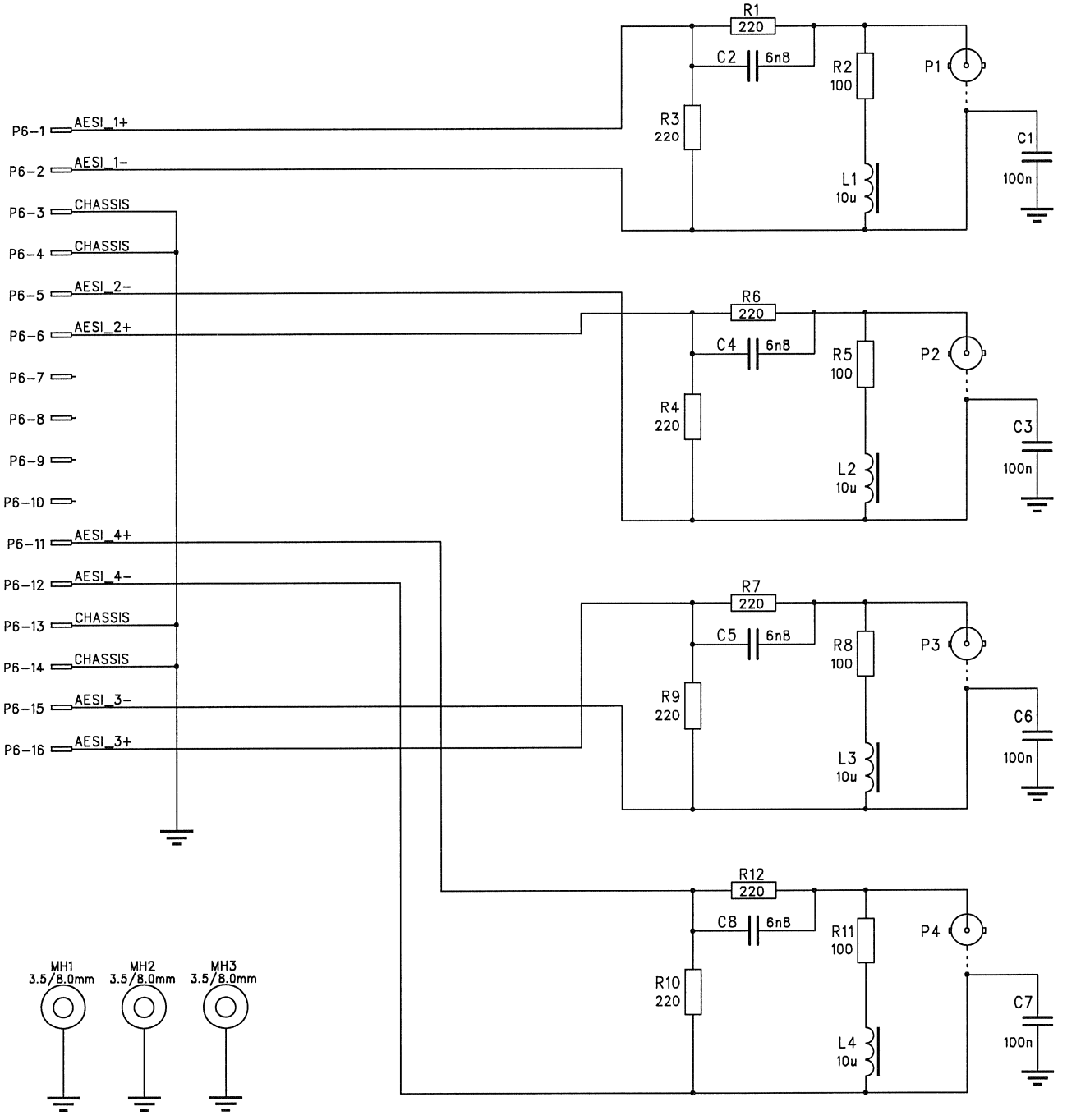
21.53.0279	4x
24.16.1025	4x
54.14.1052	1x
54.14.7012	1x
54.14.7020	1x
54.14.7023	1x
54.14.5021	4x
64.03.0214	1m



Accompanying documents: Zugehörige Unterlagen:	General tolerance: Freimasstoleranz:	Scale: Massstab:	Edition Ausgabe	24.7.98	Ro	RO	HM	0
				Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz für:	Replaced by: Ersetzt durch:		Copy to: Kopie für:					
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Date printed: 01.10.02

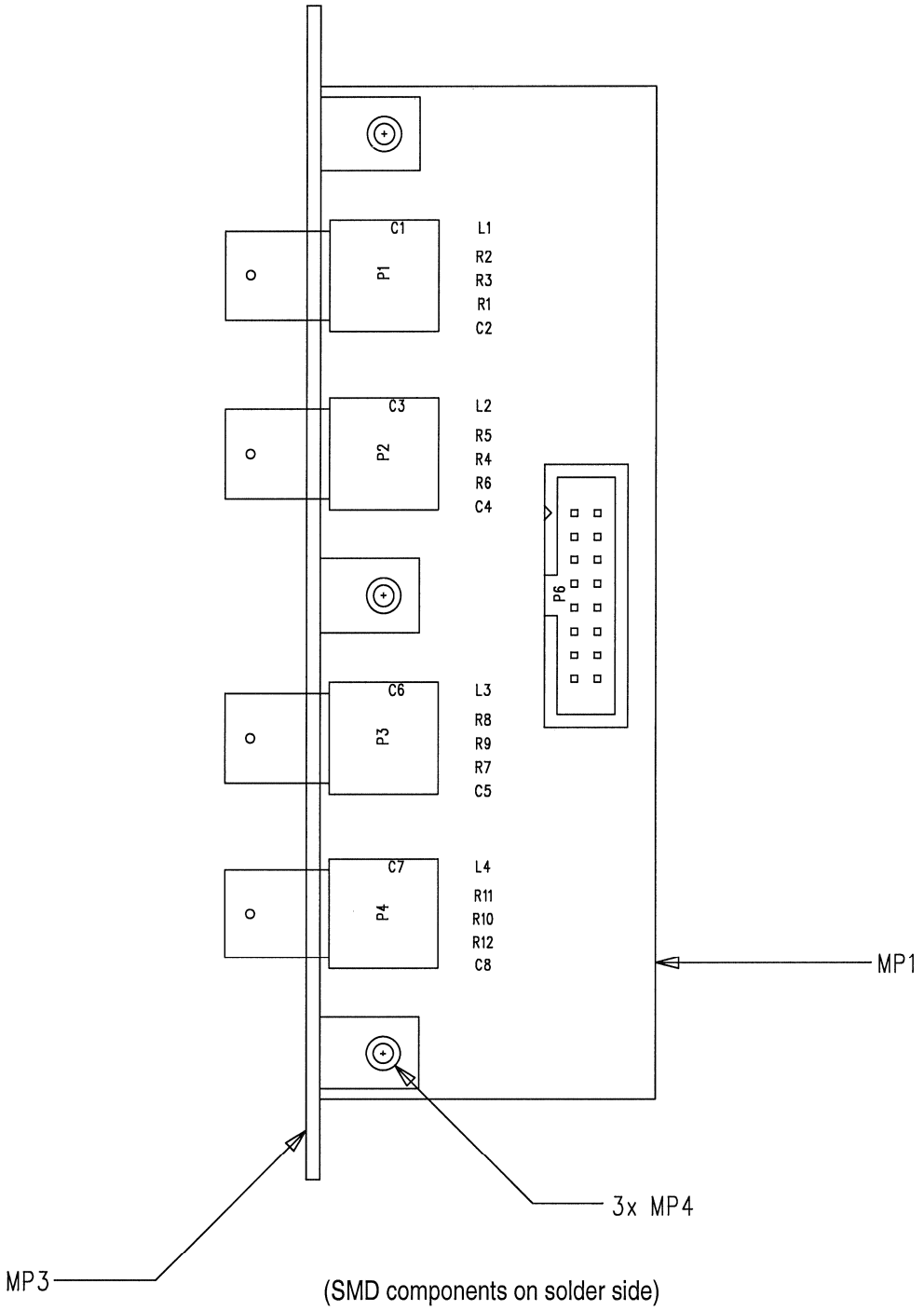
Connection Unit 4 × BNC (AES/EBU In) 1.940.641.00 (0)



17.10.2001 Date: Datum:	ZT Visa: Gez.:	. Checked: Gepr.:	. Seen: Ges.:	
Index: 0 Index:	Page: 1 / 1 Seite:			
STUDER	Description: Benennung: CONNECTION BNC AESI FOR CORE	Number: Nummer: 1.940.641.00		

Date printed: 01.10.02

Connection Unit 4 × BNC (AES/EBU In) 1.940.641.00 (0)



				17.10.2001 Date: Datum:	ZT Visa: Gez.:	ML Checked: Gepr.:	HW Seen: Ges.:
Accompanying documents: Zugehörige Unterlagen: PL		General tolerance: Freimasstoleranz:	Scale: Massstab:	Index: Index: 0	Page: Seite: 1 / 1		
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Date printed: 01.10.02

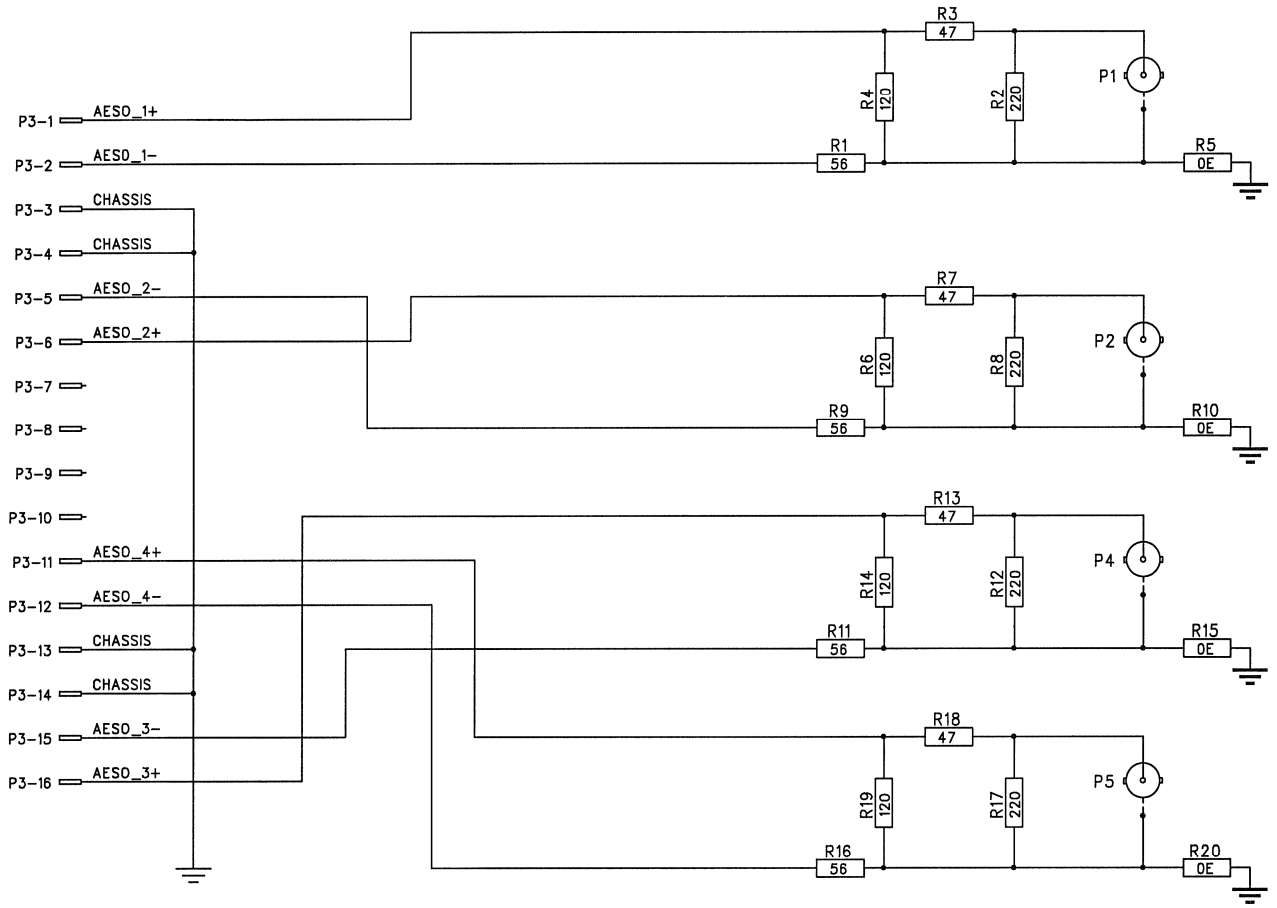
Connection Unit 4 × BNC (AES/EBU In) 1.940.641.00 (0)

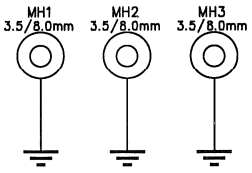
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0	C 2	59.60.3323	1 pce	6n8	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3323	1 pce	6n8	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3323	1 pce	6n8	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3323	1 pce	6n8	CER 50V, 10%, X7R, 0805
0	L 1	62.60.0113	1 pce	10uH	SMD 10% 1210
0	L 2	62.60.0113	1 pce	10uH	SMD 10% 1210
0	L 3	62.60.0113	1 pce	10uH	SMD 10% 1210
0	L 4	62.60.0113	1 pce	10uH	SMD 10% 1210
0	MP 1	1.940.641.11	1 pce		CONNECTION BNC AESI PCB
0	MP 2	1.940.641.10	1 pce		NR.-ETIKETTE 5 * 20
0	MP 3	1.940.611.01	1 pce		Rückwand BNC
0	MP 4	28.31.0005	3 pcs		BLINDNIETE, D 3.2* 6.1
0	P 1	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 2	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 3	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 4	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 6	54.14.2002	1 pce	16p	1/20" Au, gerade, ohne Verrieg
0	R 1	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 2	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 3	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 4	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 5	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 6	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 7	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 8	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 9	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 10	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 11	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 12	57.60.1221	1 pce	220R	MF, 1%, 0204, E24

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description

Connection Unit 4 × BNC (AES/EBU Out) 1.940.642.00 (0)

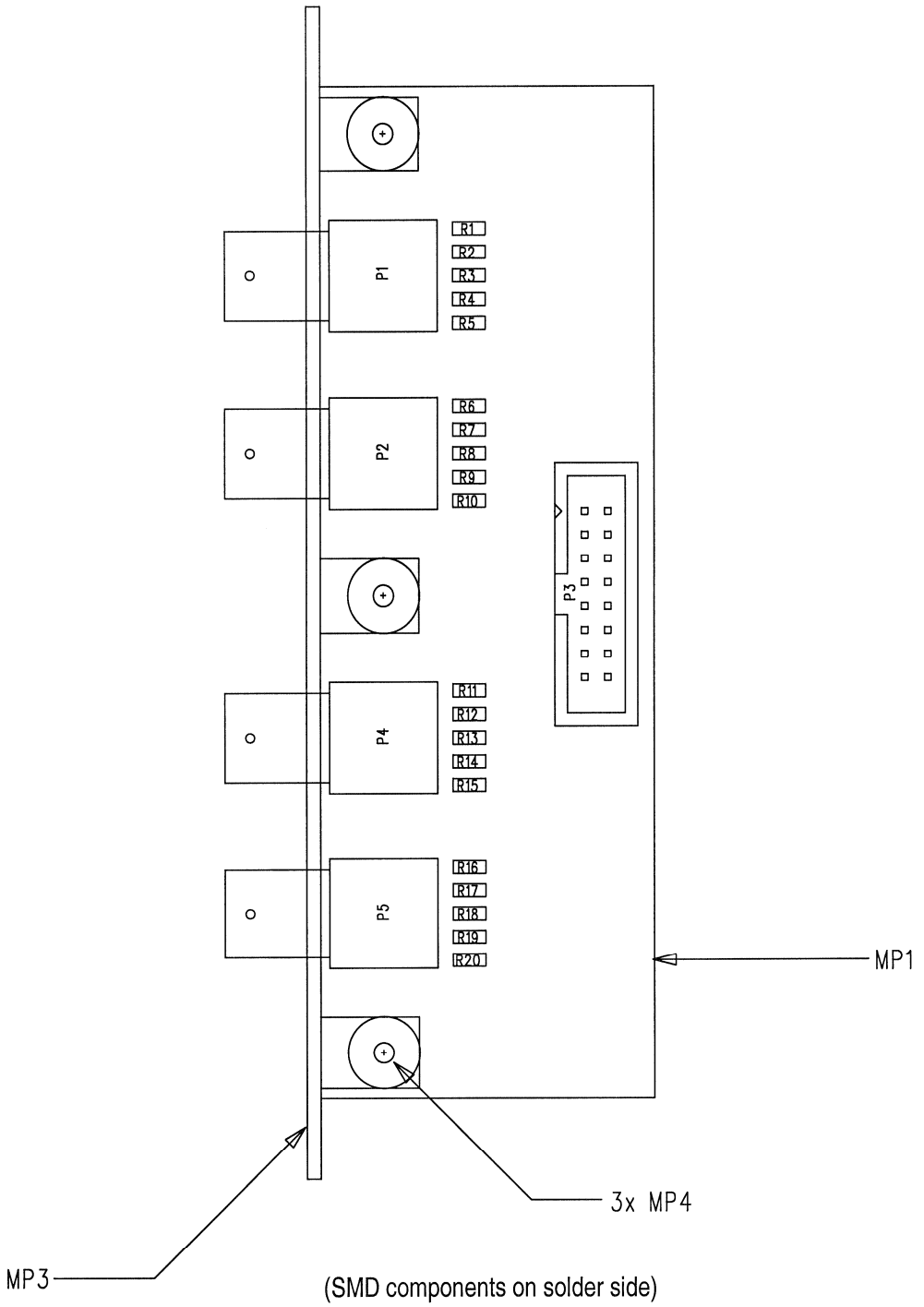




18.10.2001 Date: Datum:	RG Visa: Gez.:	. Checked: Gepr.:	. Seen: Ges.:	
Index: 0 Index:	Page: 1 / 1 Seite:			
STUDER	Description: Benennung: CONNECTION BNC AESO FOR CORE	Number: Nummer: SC 1.940.642.00		

Date printed: 01.10.02

Connection Unit 4 × BNC (AES/EBU Out) 1.940.642.00 (0)



(SMD components on solder side)

				18.10.2001 Date: Datum:	ZT Visa: Cez.:	ML Checked: Gepr.:	HW Seen: Ges.:
Accompanying documents: Zugehörige Unterlagen: PL		General tolerance: Freimasstoleranz: .	Scale: Massstab:	Index: Index: 0	Page: Seite: 1 / 1		
STUDER	Description: Benennung: CONNECTION BNC AESO FOR CORE			Number: Nummer: 1.940.642.00			

Date printed: 01.10.02

Connection Unit 4 × BNC (AES/EBU Out) 1.940.642.00 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	MP 1	1.940.642.11	1 pce		CONNECTION BNC AESO PCB
0	MP 2	1.940.642.10	1 pce		NR.-ETIKETTE 5 * 20
0	MP 3	1.940.611.01	1 pce		Rückwand BNC
0	MP 4	28.31.0005	3 pcs		BLINDNIETE, D 3.2* 6.1
0	P 1	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 2	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 3	54.14.2002	1 pce	16p	1/20" Au, gerade, ohne Verrieg
0	P 4	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	P 5	54.21.2031	1 pce	BNC	J 1 POL PRINT/WINKEL BNC
0	R 1	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 2	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 3	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 4	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
0	R 5	57.60.1000	1 pce	0R0	MF, 0204
0	R 6	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
0	R 7	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 8	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 9	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 10	57.60.1000	1 pce	0R0	MF, 0204
0	R 11	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 12	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 13	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 14	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
0	R 15	57.60.1000	1 pce	0R0	MF, 0204
0	R 16	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 17	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 18	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 19	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
0	R 20	57.60.1000	1 pce	0R0	MF, 0204

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description