

Studer D950

Mixing Console

۱.	Alphabetical	and	Numerical	Index
----	---------------------	-----	-----------	-------

- 2. Fader Panel Units
- 3. Input Panel Units
- 4. Meter Panel Units
- 5. Central Control Units
- 6. Monitor Units
- 7. Power Supply
- 8. Units of Connector Panel
- 9. Monitor Eurocards
- 10. Service Notes

Prepared and edited by Studer Professional Audio GmbH Technical Documentation Althardstrasse 30 CH-8105 Regensdorf – Switzerland http://www.studer.ch Copyright by Studer Professional Audio GmbH Printed in Switzerland Order no. 10.27.4332 (Ed. 1102)

Subject to change

Contents of Diagram Sections in Numerical Order

Assembly No.	Assembly	Section
1.915.111.81	Power Supply 3V6V	7
1.917.400.23	Analog Source Selector	9
1.917.410.24	Monitor Group Selector	9
1.917.415.20	Insert Router Board	9
1.917.420.22	Talkback Selector	9
1.917.420.22	Talkback Sel Sideboard	9
1.917.425.20	Signaling IN 24CH Board	9
1.917.425.20	Signaling OUT 16CH Board	9
1.917.430.23	Dual Headphone Amp. Board	9
		8
1.940.140.81	Optical Synchronous Interface	7
1.940.601.81	Power Supply 5V/20A	
1.940.602.81	Power Supply ±15V/3,4A	7
1.940.603.81	Power Supply 24V/4,2A	7
1.940.604.81	Power Supply 12V/8A	7
1.940.704.81	Motor Driver/Touch Board	2
1.940.752.21	Channel Mux Board	3
1.940.820.00	Automation Control Unit	_
1.940.818.00	- Automation Control Unit Switchboard	5
1.990.812.00	- SERDAT Interface Board	
1.950.189.20	Module Processor Board	5
1.950.460.21	Optical PC Interface Board	8
1.950.635.20	Bargraph Control	4
1.950.641.20	4CH VFD Digital Bargraph	4
1.950.652.00	TB MIC/Display Control Unit	4
1.950.655.00	TB MIC/Display CTL Board	4
1.950.703.00	Fader Front Board	2
1.950.705.00	4CH Fader Unit	2
1.950.707.00	D950M2 / Fader Front Board	2
1.950.707.00	D950M2 / Fader Front Board	2
1.950.708.00	D950M2 / Fader Driver Board	2
1.950.720.20	Joystick Module	5
1.950.721.00	Joystick Front Board	5
1.950.722.00	Joystick Driver Board	5
1.950.723.00	Joystick Complete	5
1.950.723.01	Motorised Joystick	5
1.950.731.20	Function Keyboard and Trackball	5
1.950.753.20	Channel Controller Board	3
1.950.754.00	Channel Front Board	3
1.950.755.20	4CH Input/Output Unit	3
1.950.756.20	Channel Controller Board	3
1.950.757.00	Channel Rotary Board	3
1.950.759.00	Channel Front Board	3
1.950.761.00	D950M2 / Channel Front Board	3
1.950.762.20	D950M2 / Channel Controller Board	3
1.950.771.20	CAS Controller Board	5
1.950.775.00	CAS Front Board	5
1.950.815.00	Central Assign Unit	5
1.950.820.00	Automation Master Panel	_
1.950.818.00	- Automation Control Panel	5
1.990.812.00	- SERDAT Interface Board	
1.950.826.00	CAU Front Board	5
1.950.840.00	TFT Display Panel	5
1.950.850.22	Multi Format Monitoring Unit	6 cont

cont. ...

1



Assembly No.	Assembly	Section
1.950.851.00	Front Board MMU	6
1.950.853.00		
1.950.852.20	Multi Format Monitoring Unit	6
1.950.855.22	Assignable Stem Selector	6
1.950.856.00	Front Board Assignable Stem Selector	6
1.950.860.22	CR Monitor Panel RS485	6
1.950.870.22	Studio Monitor Panel RS485	6
1.950.880.22	PFL/TB/Headphone Panel RS485	6
1.950.890.22	Source Selector Panel RS485	6
1.950.891.20	Panel Adapter RS485	6
1.960.044.00	Motor Fader	2
1.990.190.31	Modul Processor Board	2
1.990.195.00	Single Processor Unit	2
1.990.429.00	CR Monitor Switch Board	6
1.990.439.00	Studio Monitor Switch Board	6
1.990.449.00	PFL/TB/Headphone Switch Board	6
1.990.490.00	Bank Selector	5
1.990.490.00	Central Facility Unit	5
1.990.490.00	Master Menu Selector	5
1.990.490.00	Source Selector Unit	5
1.990.498.00	Source Selector Board	5
1.990.499.00	- Source Selector Switch Board	3
1.990.499.00	Source Selector Switch Board	6
1.990.633.00	Bargraph VFD + Bus Board	4
1.990.812.00	Serdat Interface Board	5

Date printed: 20.11.02



Contents of Diagram Sections in Alphabetical Order

Assembly	Assembly No.	Section
4CH Fader Unit	1.950.705.00	2
4CH Input/Output Unit	1.950.755.20	3
4CH VFD Digital Bargraph	1.950.641.20	4
Analog Source Selector	1.917.400.23	9
Assignable Stem Selector	1.950.855.22	6
Automation Control Unit	1.940.820.00	
- Automation Control Unit Switchboard	1.940.818.00	5
- SERDAT Interface Board	1.990.812.00	
Automation Master Panel	1.950.820.00	
- Automation Control Panel	1.950.818.00	5
- SERDAT Interface Board	1.990.812.00	
Bank Selector	1.990.490.00	5
Bargraph Control	1.950.635.20	4
Bargraph VFD + Bus Board	1.990.633.00	4
CAS Controller Board	1.950.771.20	5
CAS Front Board	1.950.771.20	5
CAS FIGHT Board	1.950.826.00	5
	1.950.825.00	5
Central Assign Unit	1.990.490.00	5
Central Facility Unit		3
Channel Controller Board	1.950.753.20	3
Channel Controller Board	1.950.756.20	
Channel Front Board	1.950.754.00	3
Channel Front Board	1.950.759.00	3
Channel Mux Board	1.940.752.21	3
Channel Rotary Board	1.950.757.00	3
CR Monitor Panel RS485	1.950.860.22	6
CR Monitor Switch Board	1.990.429.00	6
Dual Headphone Amp. Board	1.917.430.23	9
D950M2 / Channel Front Board	1.950.761.00	3
D950M2 / Channel Controller Board	1.950.762.20	3
D950M2 / Fader Front Board	1.950.707.00	2
	1.950.707.81	
D950M2 / Fader Driver Board	1.950.708.00	2
Fader Front Board	1.950.703.00	2
Front Board Assignable Stem Selector	1.950.856.00	6
Front Board MMU	1.950.851.00	6
	1.950.853.00	
Function Keyboard and Trackball	1.950.731.20	5
Insert Router Board	1.917.415.20	9
Joystick Complete	1.950.723.00	5
Joystick Driver Board	1.950.722.00	5
Joystick Front Board	1.950.721.00	5
Joystick Module	1.950.720.20	5
Master Menu Selector	1.990.490.00	5
Modul Processor Board	1.990.190.31	2
Module Processor Board	1.950.189.20	5
Monitor Group Selector	1.917.410.24	9
Motor Driver/Touch Board	1.940.704.81	2
Motor Fader	1.960.044.00	2
Motorised Joystick	1.950.723.01	5
Multi Format Monitoring Unit	1.950.850.22	6
Multi Format Monitoring Unit	1.950.852.20	6
Optical PC Interface Board	1.950.460.21	8 cont

cont. ...

Date printed: 20.11.02 3



Assembly	Assembly No.	Section
Optical Synchronous Interface	1.940.140.81	8
Panel Adapter RS485	1.950.891.20	6
PFL/TB/Headphone Panel RS485	1.950.880.22	6
PFL/TB/Headphone Switch Board	1.990.449.00	6
Power Supply 3V6V	1.915.111.81	7
Power Supply 5V/20A	1.940.601.81	7
Power Supply 12V/8A	1.940.604.81	7
Power Supply ±15V/3,4A	1.940.602.81	7
Power Supply 24V/4,2A	1.940.603.81	7
Serdat Interface Board	1.990.812.00	5
Signaling IN 24CH Board	1.917.425.20	9
Signaling OUT 16CH Board	1.917.426.22	9
Single Processor Unit	1.990.195.00	2
Source Selector Board	1.990.498.00	5
- Source Selector Switch Board	1.990.499.00	5
Source Selector Panel RS485	1.950.890.22	6
Source Selector Switch Board	1.990.499.00	6
Source Selector Unit	1.990.490.00	5
Studio Monitor Panel RS485	1.950.870.22	6
Studio Monitor Switch Board	1.990.439.00	6
Talkback Selector	1.917.420.22	9
Talkback Sel Sideboard	1.917.421.81	9
TB MIC/Display CTL Board	1.950.655.00	4
TB MIC/Display Control Unit	1.950.652.00	4
TFT Display Panel	1.950.840.00	5

Date printed: 20.11.02

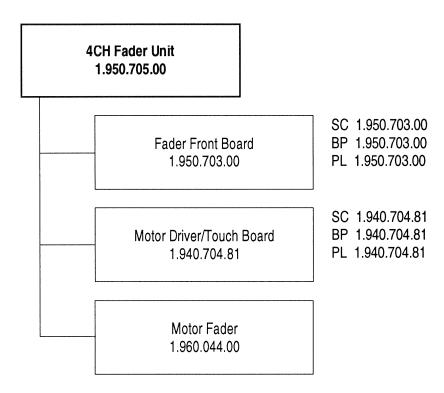
SCHEMATA / CIRCUIT DIAGRAMS

Fader Panel Units

4CH Fader Unit
Fader Front Board
Motor Driver/Touch Board
Motor Fader
Single Processor Unit
Modul Processor Board
D950 M2 Fader Front Board
Fader Front Board1.950.707.00/.81
Fader Driver Board1.950.708.00

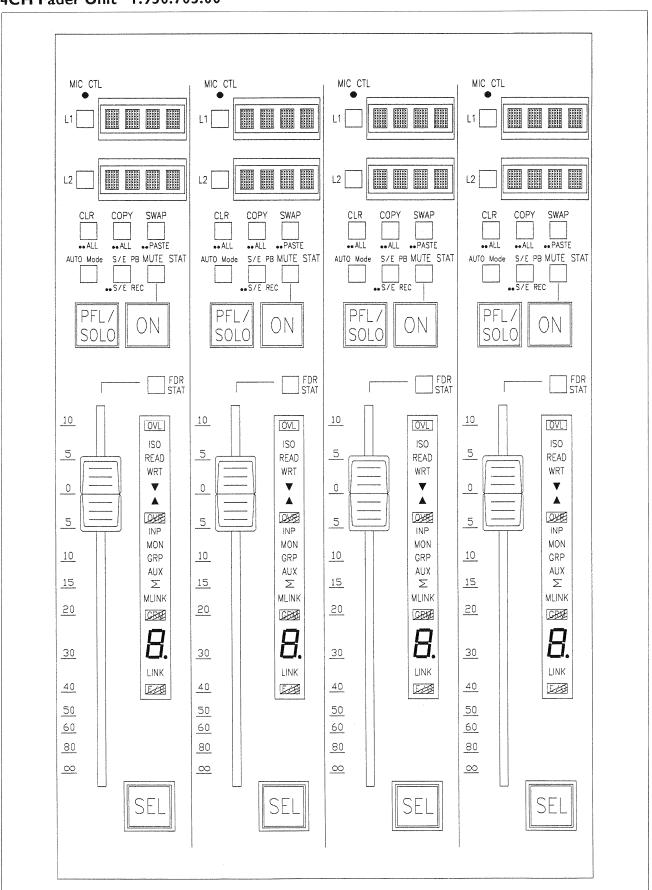
Edition: 27.06.01 Section 2

4CH Fader Unit 1.950.705.00



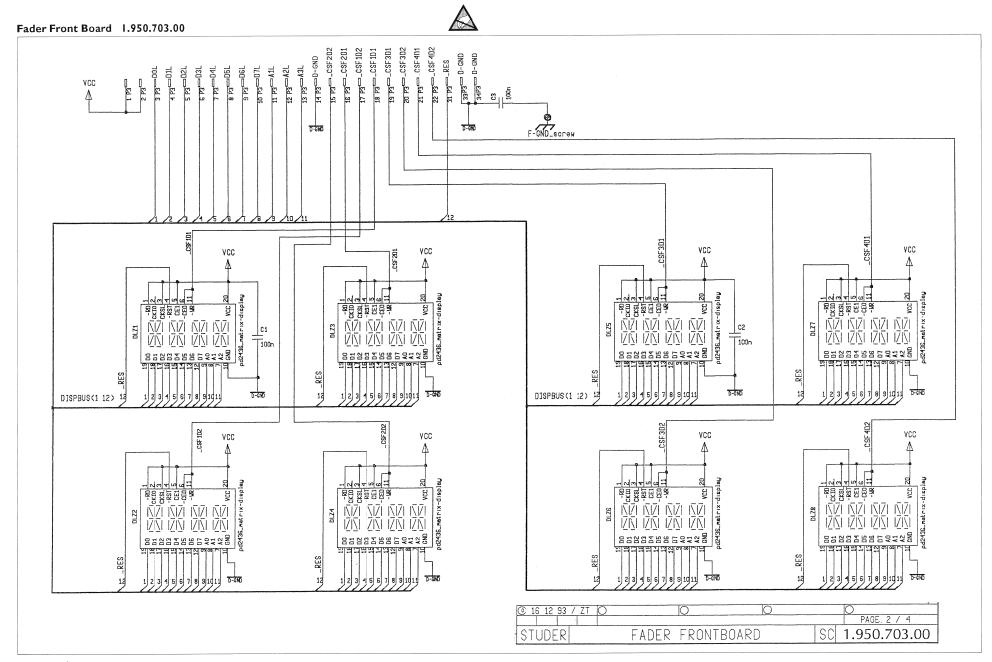
STUDER

4CH Fader Unit 1.950.705.00

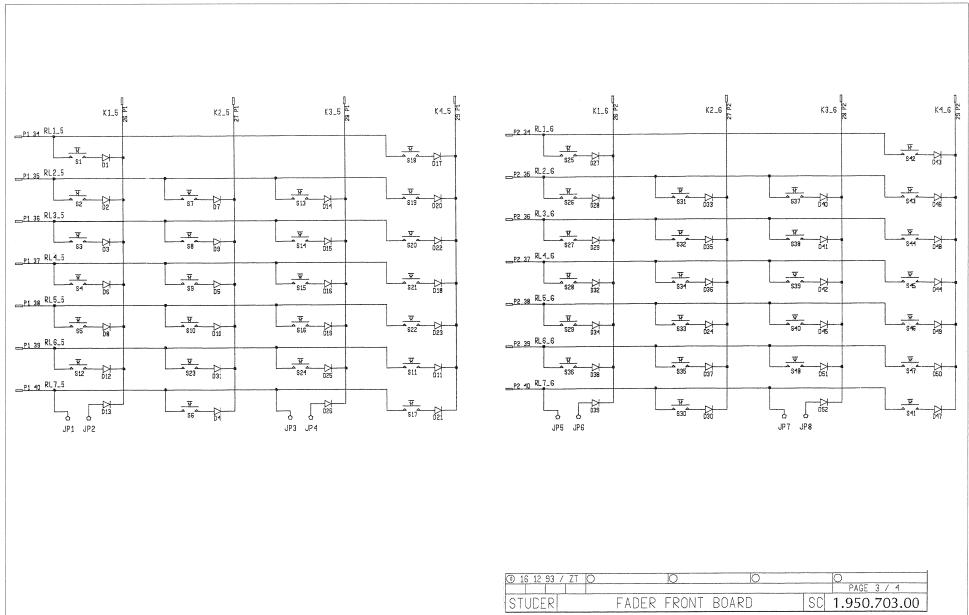


Fader Front Board 1.950.703.00 P3 / 34 pins / pins 23 to 30 P4 / 16 pins 4x U Fader 4x touch 4x U nou 4x mot enable +/-15,5V UREF / AGND FADBUS(15) -J1 7 MEN1 J2 7 HEN2 __11.6 _J2 B GND _J2 5 1 2لی _13.1 _ 14.4 J4 / 9 pins J1 / 9 pins J2 / 9 pins J3 / 9 pins _J3.3 USOLL3 - <u>J4_3</u> USOLL4 ___<u>J2_3</u>____USOLL2 UFAD2 UFAD3 □J4 2 UFAD4 □J1 2 UFA01 __J3 1 +15 5V __J1_1 +15_5V ① 16 12 93 / ZT 〇 to the motor faders PAGE 1 / 4 STUDER FADER FRONTBOARD SC 1.950.703.00

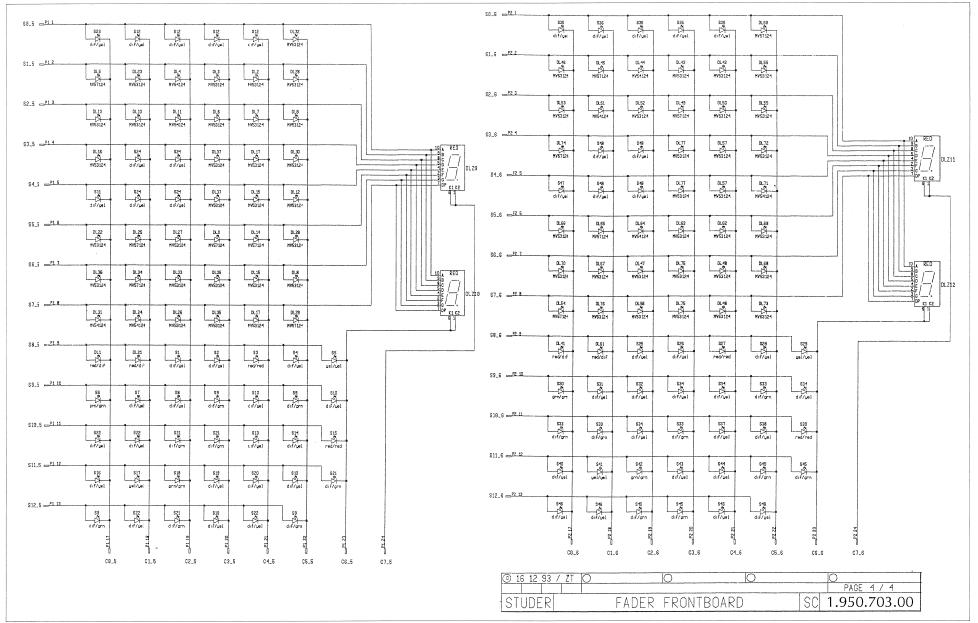
SECTION 2



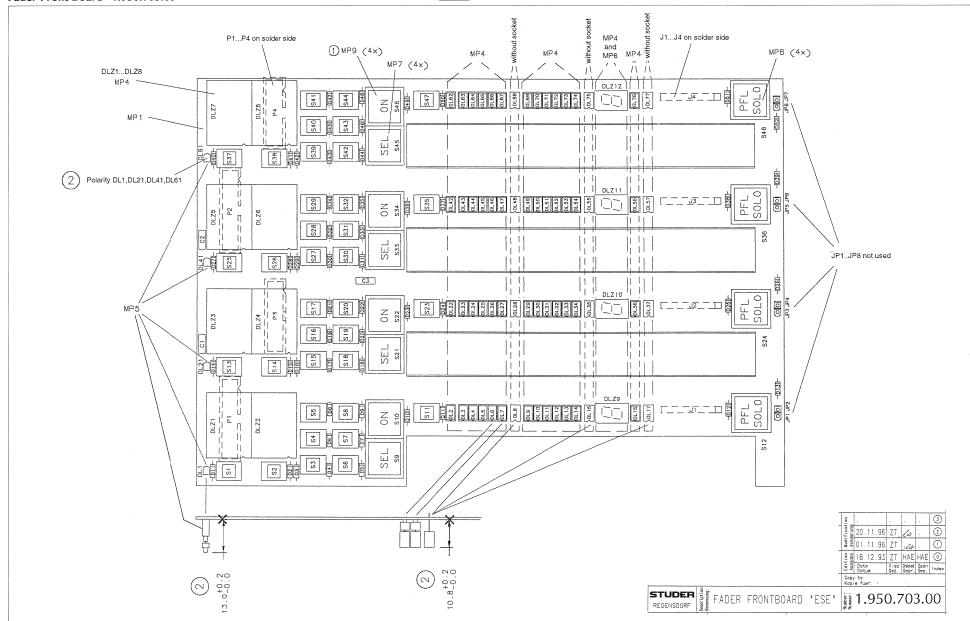




STUDER







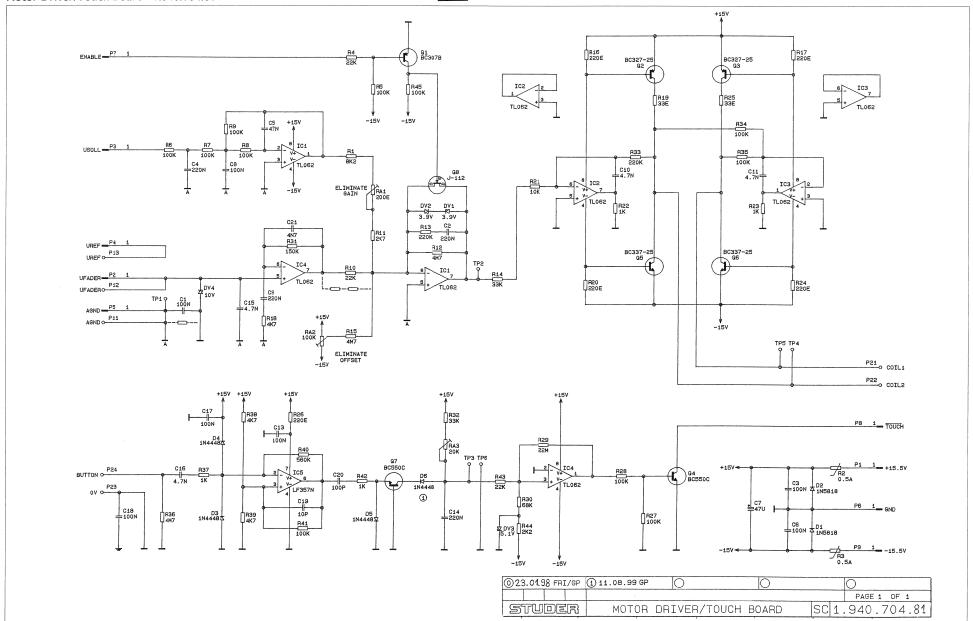
STUDER



ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description		ldx. Pos.	Part No. Qty.	Type/Val.	Description
C 1	59.06.0104	100n	PETP, 63V, 10%, RM5	0 DL 35	50.04.2707		DL HLMF - 0800 RT/	BN .	G \$10	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS
C2	59.06.0104	100n	PETP, 63V, 10%, RM5	0 DL 36	50.04.2118	MV53124A	DL MV 53124 A, GB		0 S11	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
C 3	59.06.0104	100n	PETP, 63V, 10%, RM5	0 DL 37	50.04.2707		DL HLMF - 0800 RT/		0 \$12	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS S TASTE 1*A, 5MM, GB/TRANS
			##1.150 A	0 DL 41	50.04.2121	TLUR 2401 MV57124A	DL TLUR 2401 RT N DL MV 57124 A. RT	IATT	0 S 13 0 S 14	55.15.0604 55.15.0605	1*a 1*a	S TASTE 1*A, 5MM, GB/TRANS
D1	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 42 0 DL 43	50.04.2119 50.04.2118	MV5/124A MV53124A	DL MV 5/124 A, R1		0 815	55.15.0600	1*a	S TASTE 1*A, 5MM, RT/RT
D3	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 44	50.04.2116	MV54124A	DL MV 54124 A, GN		0 \$ 16	55,15,0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
D4	50.04.0125	1N4448	75V, 150mA, 4ns, DO-25	0 DL 45	50.04.2119	MV57124A	DL MV 57124 A, RT		0 S 17	55,15,0644	1*a	S TASTE 1*A, 5MM, GB/GB
D 5	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 46	50.04.2118	MV53124A	DL MV 53124 A, GB		0 S 18	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS
D 6	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 47	50.04.2118	MV53124A	DL MV 53124 A, GB		0 S 19	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS S TASTE 1*A, 5MM, RT/TRANS
D 7	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 48 0 DL 49	50.04.2707 50.04.2119	MV57124A	DL HLMP - 0800 RT/ DL MV 57124 A, RT	3N	0 _8 20 0 \$ 21	55.15.0602 55.15.0705	1*a 1*a	S TASTE 1*A, 12MM, RITRANS S TASTE 1*A, 12MM, GN/TRANS
D 8 D 9	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 49	50.04.2119	MV57124A MV53124A	DL MV 5/124 A, R1		0 \$22	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS
D 10	50.04.0125	1N4448	75V. 150mA, 4ns. DO-35	0 DL 51	50.04.2146	MV54124A	DL MV 54124 A, GN		0 S 23	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
D 11	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 52	50.04.2118	MV53124A	DL MV 53124 A, GB		0 \$ 24	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS
0 D12	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 53	50.04.2119	MV57124A	DL MV 57124 A, RT		0 S 25	55.15.0604	1 * a	S TASTE 1°A, 5MM, GB/TRANS
0 D 13	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 54	50.04.2119	MV57124A	DL MV 57124 A, RT		0 \$ 26 0 \$ 27	55.15.0605 55.15.0622	1*a 1*a	S TASTE 1*A, 5MM, GN/TRANS S TASTE 1*A, 5MM, RT/RT
D 14	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 55 0 DL 56	50.04.2707 50.04.2118	WV53124A	DL HLMP - 0800 RT/ DL MV 53124 A. GB	GN .	0 S 28	55.15.0622 55.15.0604	1*a	S TASTE 1"A, 5MM, R1/R1 S TASTE 1"A, 5MM, GB/TRANS
D 15	50.04.0125 50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 57	50.04.2707	WV03124A	DL HLMP - 0800 RT/	GN	0 8 29	55.15.0644	1*a	S TASTE 1*A, 5MM, GB/GB
D 17	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 61	50.04.2121	TLUR 2401		MATT	0 S 30	55.15.0802	1*a	S TASTE 1*A, 5MM, RT/TRANS
0 D18	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 62	50.04.2119	MV57124A	DL MV 57124 A, RT		0 S 31	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS
D 19	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 63	50.04.2118	MV53124A	DL MV 53124 A, GB		0 S 32	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS .
D 20	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 64	50.04.2146	MV54124A	DL MV 54124 A, GN		0 \$ 33 0 \$ 34	55.15.0705 55.15.0704	1*a 1*a	S TASTE 1*A, 12MM, GN/TRANS S TASTE 1*A, 12MM, GB/TRANS
0 D 21	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 65 0 DL 66	50.04.2119 50.04.2118	MV57124A MV53124A	DL MV 57124 A, RT DL MV 53124 A, GB		0 \$35	55.15.0604	1*a	S TASTE 1*A. 5MM, GB/TRANS
0 D 22 0 D 23	50.04.0125 50.04.0125	1N4448 1N4448	75V. 150mA, 4ns. DO-35	0 DL 67	50.04.2118	MV53124A	DL MV 53124 A, GB		0 S 36	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS
0 D23	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 68	50.04.2707		DL HLMP - 0800 RT	GN	0 S 37	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 D 25	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 69	50.04.2119	MV57124A	DL MV 57124 A, RT		0 S 38	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0. D 26	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 70	50.04.2118	MV53124A	DL MV 53124 A, GB		0 8 39	55.15.0622	1*a	S TASTE 1*A, 5MM, RT/RT
0 D 27	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 71	50.04.2146	MV54124A	DL MV 54124 A, GN DL MV 53124 A. GB		0 S 40 0 S 41	55.15.0604 55.15.0644	1*a 1*a	S TASTE 1*A, 5MM, GB/TRANS S TASTE 1*A, 5MM, GB/GB
0 D 28 0 D 29	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 72 0 DL 73	50.04.2118 50.04.2119	MV53124A MV57124A	DL MV 53124 A, GB		0 842	55 15 0602	1*a	S TASTE 1*A. 5MM, RT/TRANS
0 D 29	50.04.0125 50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL73	50.04.2119	MV57124A	DL MV 57124 A, RT		0 \$43	55,15,0602	1*a	S TASTE 1*A, 5MM, RT/TRANS
0 D 31	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 75	50.04.2707		DL HLMP - 0800 RT.	GN	0 S 44	55.15.0602	1 * a	S TASTE 1*A, 5MM, RT/TRANS
0 D 32	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 76	50.04.2118	MV53124A	DL MV 53124 A, GB		0 S 45	55.15.0705	1*a	S TASTE 1*A, 12MM, GN/TRANS
0 D 33	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 77	50.04.2707		DL HLMP - 0800 RT	GN	0 S 46	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS S TASTE 1*A, 5MM, GB/TRANS
0 D 34	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 1 0 DLZ 2	73.01.0405 73.01.0405	4digit 4digit	5*7 Dot matrix display 5*7 Dot matrix display		0 S 47 0 S 48	55.15.0604 55.15.0704	1*a 1*a	S TASTE 1"A, 5MM, GB/TRANS S TASTE 1"A, 12MM, GB/TRANS
0 D35 0 D36	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DLZ 3	73.01.0405	4digit	5*7 Dot matrix display		0 0 40	33.10.0704	ı a	5 TASTE TA, 121000, CENTONO
0 D36	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 4	73.01.0405	4digit	5*7 Dot matrix display				- End of List -	
0 D38	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 5	73.01.0405	4digit	5*7 Dot matrix display		C		- Liid Oi Lio.	
0 D 39	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 6	73.01.0405	4digit	5*7 Dot matrix display		Comments			
0 D 40	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 7	73.01.0405	4digit	5*7 Dot matrix display					
0 D41	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 8 0 DLZ 9	73.01.0405 73.01.0135	4digit 7-SEG	5*7 Dot matrix display 7-SEGMANZEIGE LED	N 70184				
0 D42 0 D43	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DLZ 9	73.01.0135	7-SEG 7-SEG	7-SEGMANZEIGE LED (
0 D43	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 11	73.01.0135	7-SEG	7-SEGM ANZEIGE LED					
0 D 45	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 12	73.01.0135	7-SEG	7-SEGM ANZEIGE LED	SN 7.6 WM				
0 D 46	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35									
0 D 47	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J1	53.03.0232		XIC SINGLE, 36P 1PIN					
0 D 48	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J2 0 J3	53.03.0232 53.03.0232		XIC SINGLE, 36P 1PIN XIC SINGLE, 36P 1PIN					
0 D 49 0 D 50	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 J3	53.03.0232		XIC SINGLE, 36P 1PIN					
0 D 50	50,04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 04	55,55,52,52		7110 0111022, 001 11 111	1011				
0 D 52	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 JP1	not used	not used	not used					
				0 JP 2	not used	not used	not used					
0 DL 1	50.04.2121	TLUR 24		0 JP3	not used	not used	not used					
0 DL 2	50.04.2119	MV57124		0 JP4 0 JP5	not used not used	not used not used	not used not used					
DL3	50.04.2118 50.04.2146	MV53124 MV54124		0 JP5 0 JP6	not used not used	not used not used	not used not used					
0 DL4 0 DL5	50.04.2146 50.04.2119	MV54124 MV57124		0 JP7	not used	not used	not used					
0 DL6	50.04.2118	MV53124		0 JP8	not used	not used	not used					
0 DL 7	50.04.2118	MV53124						_				
0 DL 8	50.04.2707		DL HLMP - 0800 RT/GN	0 MP 1	1.940.701.12 1 m		FADER FRONT PCB	W				
0 DL 9	50.04.2119	MV57124		0 MP2	1.950.703.04 1 m 43.01.0108 1 m		NR. ETIKETTE 5 * 20 ESE-WARNSCHILD					
0 DL 10 0 DL 11	50.04.2118 50.04.2146	MV53124 MV54124		0 MP3 0 MP4	43.01.0108 1 m 53.03.0218 304		single-in-line					
0 DL 11 0 DL 12	50.04.2146 50.04.2118	MV54124 MV53124		0 MP5	53.03.0240 4 m		XLED SINGLE LINE, 2 P	OL. PRINT				
0 DL 12	50.04.2118	MV57124		0 MP6	1.990.119.01 4 m		DISPLAY-UNTERLAGE					
0 DL 14	50.04.2119	MV57124		0 MP 7	1.990.100.25 4 m		TASTENSCHILD PFL/SC	LO				
0 DL 15	50.04.2707		DL HLMP - 0800 RT/GN	0 MP8	1.990.100.22 4 m		TASTENSCHILD SEL					
0 DL 16	50.04.2118	MV53124		0 MP9	1.990.100.27 4 m	р	TASTENSCHILD ON					
0 DL 17	50.04.2707 50.04.2121	TLUR 24	DL HLMP - 0800 RT/GN 01 DL TLUR 2401 RT MATT	0 P1	54.16.0540	40p	P 1/40'. 40 P. AU. PR	INT				
0 DL 21 0 DL 22	50.04.2121 50.04.2119	MV57124		0 P1	54.16.0540	40p	P 1/40', 40 P, AU, PR					
0 DL 22	50.04.218	MV53124		0 P3	54.16.0534	34p	P 1/40', 34 P, AU, PR					
0 DL 24	50.04.2146	MV54124		0 P4	54.14.2002	16p	1/20" AL, gerade, ohne \					
0 DL 25	50.04.2119	MV57124										
0 DL 26	50.04.2118	MV5312		0 S1	55.15.0604	1*a	S TASTE 1*A, 5MM, G S TASTE 1*A, 5MM, G	BUTRANS				
0 DL 27	50.04.2118	MV53124		0 S2 0 S3	55.15.0605 55.15.0622	1*a 1*a	S TASTE 1*A, 5MM, G S TASTE 1*A, 5MM, R					
0 DL 28 0 DL 29	50.04.2707 50.04.2119	MV5712	DL HLMP - 0800 RT/GN IA DL MV 57124 A, RT	0 S3	55.15.0622 55.15.0604	1*a	S TASTE 1*A, 5MM, R					
0 DL 29	50.04.2119	MV5/124		0 S5	55,15,0644	1*a	S TASTE 1*A, 5MM, G					
0 DL 30	50.04.2116	MV5512		0 S6	55.15.0602	1*a	S TASTE 1*A, 5MM, R	T/TRANS				
	50.04.2118	MV5312	IA DL MV 53124 A, GB	0 S7	55.15.0602	1*a	S TASTE 1*A, 5MM, R	T/TRANS				
0 DL 32						1*a	S TASTE 1*A, 5MM, R					
0 DL 32 0 DL 33 0 DL 34	50.04.2119 50.04.2119	MV5712		0 S8 0 S9	55.15.0602 55.15.0705	1*a	S TASTE 1*A, 12MM, 0					

Motor Driver/Touch Board 1.940.704.81

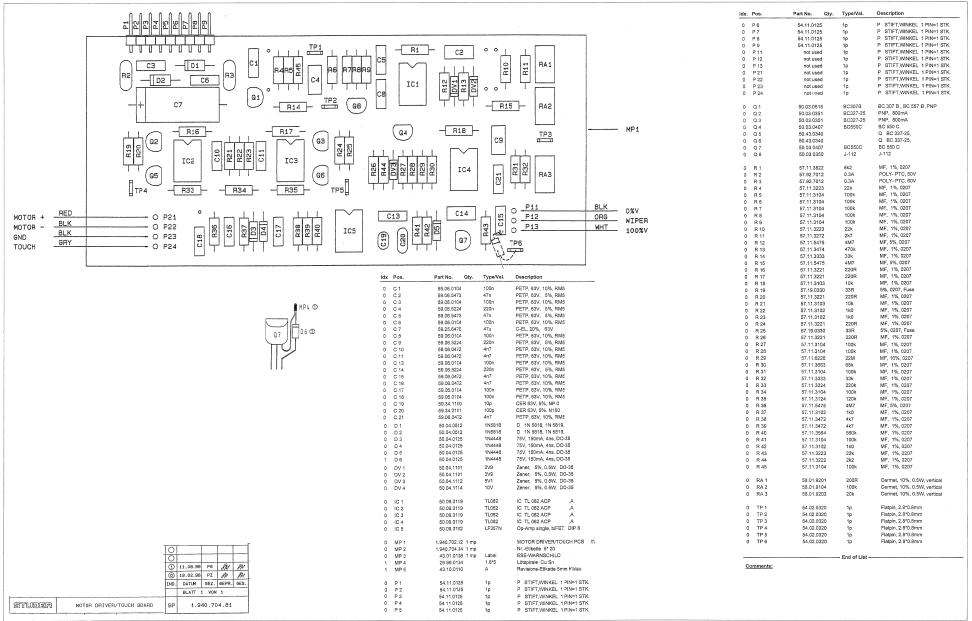




STUDER



Motor Driver/Touch Board 1.940.704.81



Motorfader P&G 1.960.044.00

Quick Reference:

Motorfader PGFM3200/-/M/-/AX36VSLIM fitted with MAXON motor No. 2515.996.-11.111-000 Servo track, 104mm stroke

Manufacturer:

Penny & Giles Inc., Blackwood, Gwent, UK

Specification:

P&G Specification No. D460484 Issue 2

P&G PGFM3000 Series Data Sheet No. P62925/1

P&G Performance and Application Document No. D460449 Issue 1 ①

P&G Mantiance Document RM 42389

Conformance at delivery:

Acceptable Quality Level (AQL) for major defects: AQL 1.0 %.

A major defect is a parameter out of range of specified tolerance field. Sampling procedure according to IEC 410, single sampling plan.

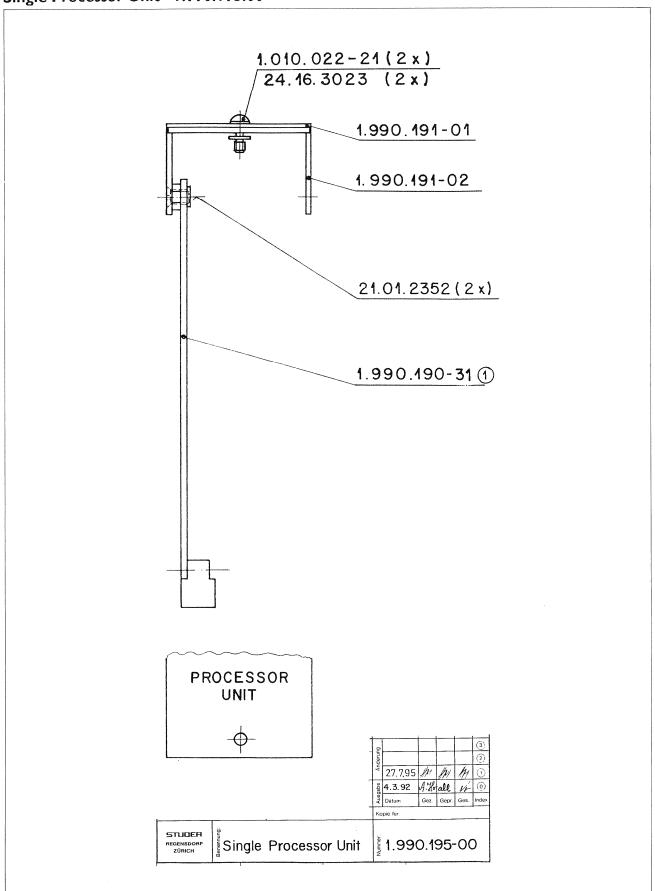
If supplier is not notified within 20 days after receipt, the shipment is considered to be accepted.

This procedure has no affect on guarantee conditions of the particular product.

	ē					3
	Ficat					2
	Hodi	27.02.97	hm	HM	FL	①
	t ion gabe	15.02.96		НМ	FL	9
_	Edi	Dafe Dafum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
		rto: le für:				
STUDER REGENSOORF WOTORFADER P&G	Number: Number:	1.960	n	 	nn	
REGENSDORF E TOTOTIALET FALL	55	1.700		++ .		

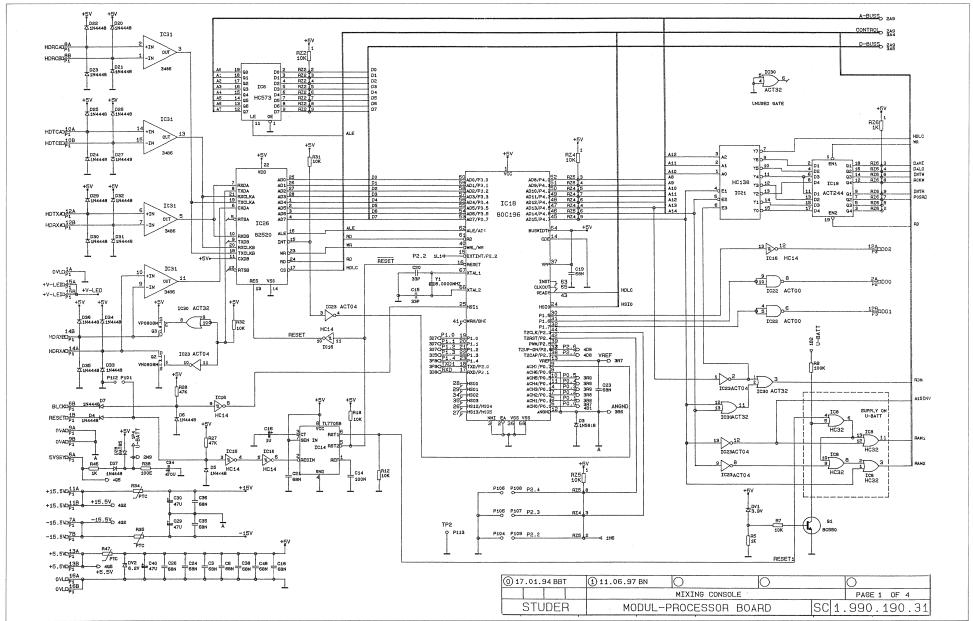


Single Processor Unit 1.990.195.00



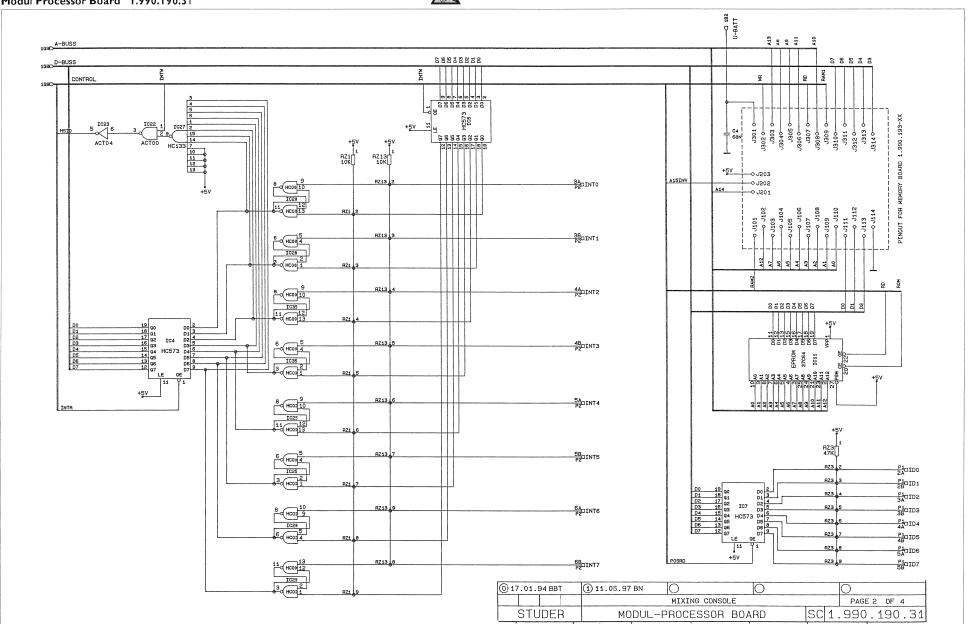
Modul Processor Board 1.990.190.31







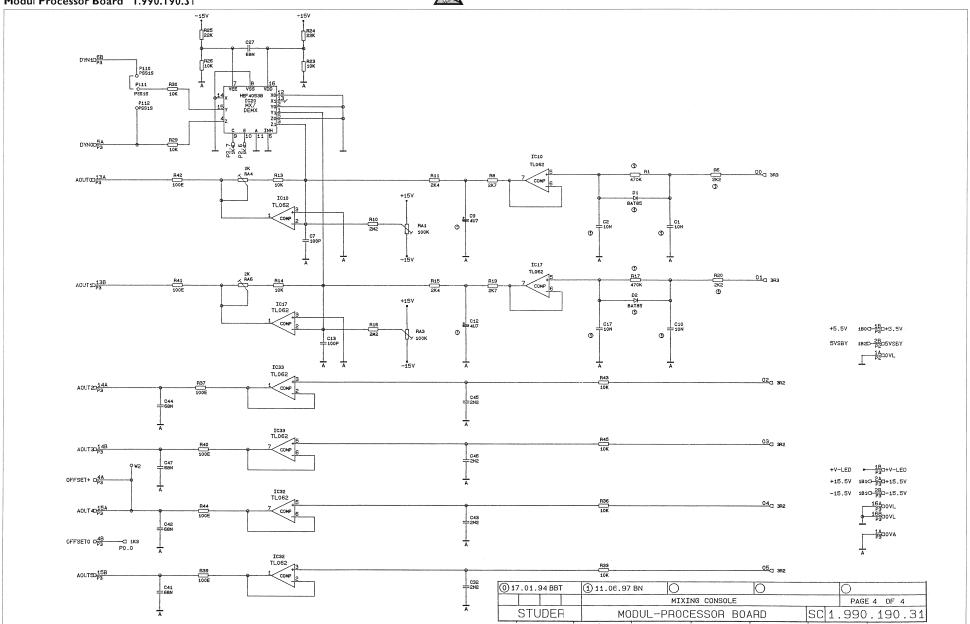
Modul Processor Board 1.990.190.31

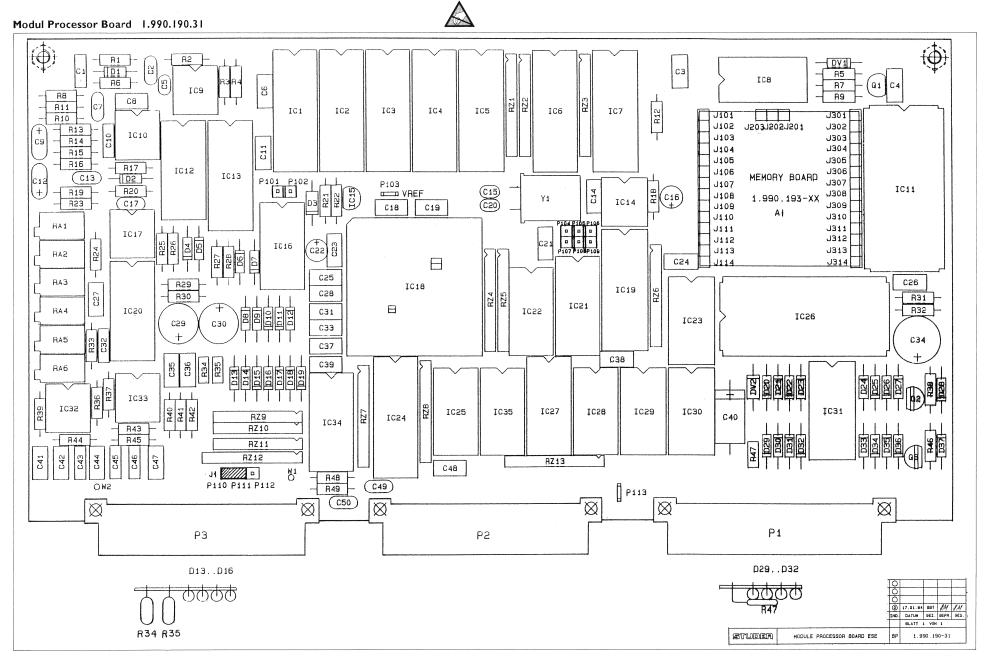


Modul Processor Board 1.990.190.31 +5V D13 A1N4448 AIN509B AIN409A RCLD 16B D11 A1N4448 TCUD-16A P0.3_G 1K3 AIN308B TXXXIII C25 68N C49 220P C50 220P P0.2_Q 1K3 AIN2DBA RXD 1H4D---C33 68N 6 RZ11 E P0.1_G 1K3 AIN1078 D16 2104448 C39 68N 1H4DP1.2 1H40 P1.1 4 RZ11 3 AINOO7A RXD0011A 1H4DP1.0 D10 \$\frac{1}{4}\text{1N4446} C37 68N RZ7 RXD1011B | RZ12 3B2√VREF 3J5 VREF_G 1L4 RXD2012 RXD3012 RXD4013A ANGNODERS RXC5013B ANGNODERS ANGND 1L3 RX06014A RXC7014B 12 13 P1.3 RSTBO 15B 15 80 VRF 14 81 91 12 82 1C13 12 82 1C13 13 84 17 10 84 AD7541A 14 10 84 AD7541A 15 10 85 0017 18 87 001 18 87 00 TSTB007A TL072 TST61078 TST6208A ¥ 0 TSTB308B TSTB409/ TST85039 TSTEED10A TSTB7010B LM317L IC15 OUT VREG +157 VREFO 11A VREFUE 11B -68N Ф (0) 17.01.94 BBT 10K 1 11.06.97 BN MIXING CONSOLE PAGE 3 OF 4 SC 1.990.190.31 STUDER MODUL-PROCESSOR BOARD



Modul Processor Board 1.990.190.31





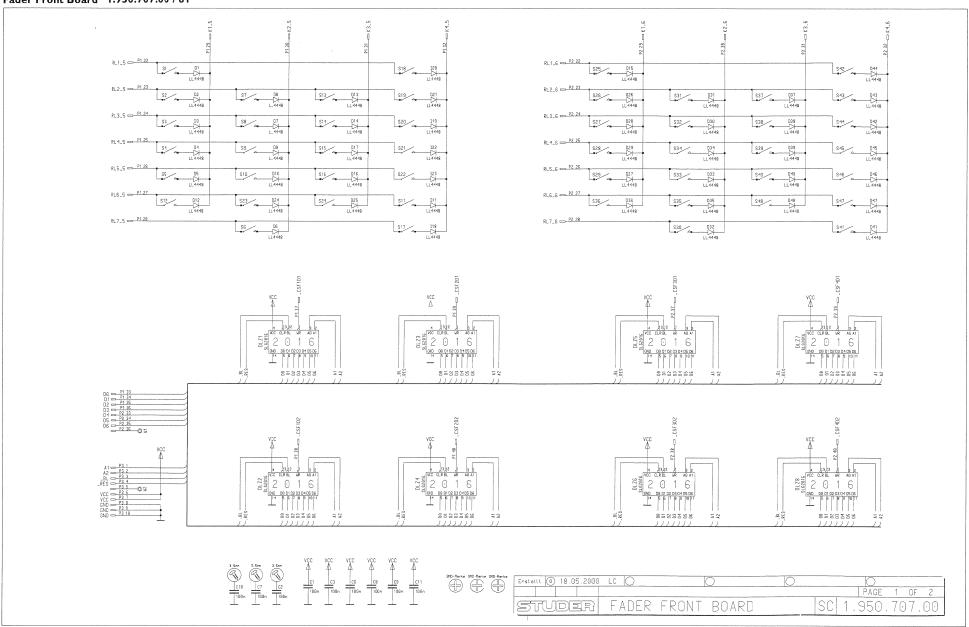
STUDER



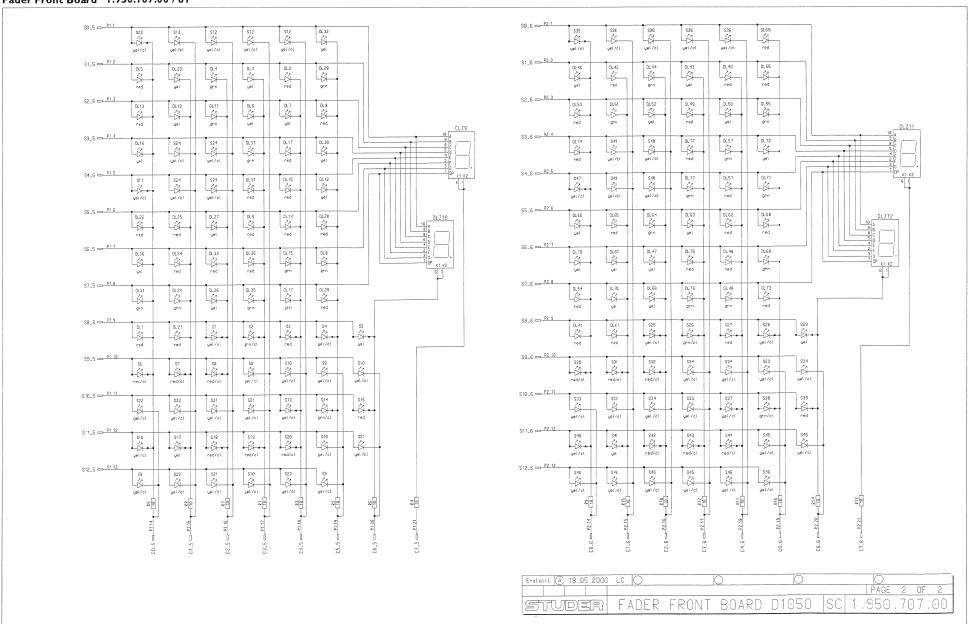
Modul Processor Board 1.990.190.31

Pos. Part No.	Qty. Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.		ldx. Pos.		Qty. Type/Val.	
A 1 1.990.193.0	0	MEMORY BOARD ,A	0 D36	50.04.0125	1N4448	D 1N 4448, SI	0 P 104	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4		53.03.0175		XIC DIL 18-POL,
			0 D37	50.04.0125	1N4448	D 1N 4448. SI	0 P 105	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 XIC 17			XIC DIL 8-POL
2 1 59.06.022		C 2200 P, 10%, 63V, PETP					0 P 106	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 XIC 18			XIC PLCC 68 PIN
C 2 59.34.422		C 220 P , 5%, N750 , CER	0 DV 1	50.04.1101	3.9V	D 3.9 V, 5%, .40W, Z,	0 P 107	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 XIC 31	53.03.0168		XIC DIL 16-POL
3 59.06.068		C .068 U , 10%, 63V , PETP	0 DV 2	50.04.1511	6.2V :	D 6.2 V, 5%, 1.0W, Z,	0 P 108	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 Y1	89.01.1008	8 0000MH+	Y 8.000 MHZ. HC 18/U
C 4 59.06.068	3 68n	C .088 U , 10%, 63V , PETP					0 P 109	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	0 11	89.01.1008	6,000UWITZ	. 1 6.000 MHz, HC 10/0
C 5 59.34.247	0 47p	C 47 P , 5%, N150 , CER	0 IC 1	50.17.1574	74HC574	IC 74 HC 574., ,A	0 P110	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4			End of	
C 6 59.06.068		C .088 U , 10%, 63V , PETP	0 IC 2	50.17.1574	74HC574	IC 74 HC 574 ., ,A	0 P 111	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	-		End of	List
C 7 59.34.210		C -100 P , 5%, N150 , CER	0 IC 3	50.17.1574	74HC574	IC 74 HC 574 ., ,A	0 P112	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4	Comments			
C 8 59.06.068	3 68n	C .068 U , 10%, 63V , PETF	0 IC 4	50.17.1573	74HC573	IC 74 HC 573 ., ,A	0 P 113	54.02.0320	1-P	P FLACH, 2.8*0.8, GERADE				
C 9 59.26.222		C 2.2 U , 20%, 16V , SAL	0 IC 5	50.17.1573	74HC573	IC 74 HC 573 ., ,A								
C 10 59.06.022	2 2n2	C 2200 P , 10%, 63V , PETP	0 IC 6	50.17.1573	74HC573	IC 74 HC 573 ., ,A	0 Q1	50.03.0407	BC550C	Q BC 550 C,				
C 11 59.06.068	3 68n	C .(68 U , 10%, 63V , PETF	0 IC 7	50.17.1573	74HC573	IC 74 HC 573 ., ,A	0 Q2	50.03.1505	VN0808M	Q VN 0808 M, ZVN 0108 A, ,A				
C 12 59.26.222		C 2.2 U , 20%, 16V , SAL	0 IC8	50.17.1032	74HC32	IC 74 HC 32 ., ,A	0 Q3	50,03,1554	VP0808M	Q VP 0808 M ,A				
C 13 59.34.210		C 100 P , 5%, N150 , CER	0 IC 9	50,09,0119	TL062	IC TL 062 ACP ,A								
C 14 59.06.010	4 100n	C 1 U , 10%, 63V , PETP	0 IC 10	50.09.0119	TL062	IC TL 062 ACP ,A	0 R1	57.11.3104	100k	R 100 K, 1%, 0207, MF				
C 15 59.34.233	0 33p	C 33 P , 5%, N150 , CER	0 IC 11	50,14,0155	27C64	IC NMC 27 C 64 Q 200 (SW 1.990,993,30)	0 R2	57.11.3103	10k	R 10 K , 1%, 0207 , MF				
C 16. 59.30.610	9 1u	C 1U, 20%, 35V, TA	0 IC 12	50.07.0051	4051	IC 4051 ,A	0 R3	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 17 59,34,422	1 220p	C 220 P . 5%, N750 , CER	0 IC 13	50,19,0102	AD7541A	IC AD 7541 JN, MP 7623 JN ,A	0 R4	57.11.5475	4M7	R 4.7 M, 5%, 0207, MF				
C 18 59.06.068		C .068 U . 10%, 63V , PETP	0 IC 14	50.11.0157	TL7705B	IC TL 7705 BCP.	0 R5	57.11.3102	1k	R 1K, 1%, 0207, MF				
C 19 59.08.068	3 68n	C .068 U . 10%, 63V . PETP	0 IC 15	50.10.0108	LM317L	IC LM 317 LZ,	0 R6	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 20 59.34.233		C 33 P . 5%, N150 CER	0 IC 16	50,17,1014	74HC14	IC 74 HC 14 ., ,A	0 R7	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 21 59.06.068		C .068 U . 10%, 63V , PETP	0 IC 17	50.09.0119	TL062	IC TL 062 ACP ,A	0 R8	57.11.3272	2k7	R 2.7 K, 1%, 0207, MF				
C 22 59.30.433		C 3.3 U , 20%, 16V , TA	0 IC 18	50.63.0003	80C196	IC N 80C 196 KB - 12 ,A	0 R9	57.11.3104	100k	R 100 K, 1%, 0207, MF				
C 23 59.06.068		C .068 U . 10%, 63V . PETP	0 IC 19	50.17.7244	ACT244	IC 74 ACT 244 ,A	0 R 10	57.11.5225	2M2	R 2.2 M , 5%, 0207 , MF				
C 24 59.06.068		C .068 U , 10%, 63V , PETP	0 10 10	50.07.0015	HEF4053B	IC 4053A	0 R 11	57.11.3242	2k4	R 2.4 K , 1%, 0207 , MF				
C 25 59.06.088		C .068 U . 10%, 63V , PETP	0 IC 21	50.17.1138	74HC138	IC 74 HC 138 ., ,A	0 R 12	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 26 59.06.068		C .068 U , 10%, 63V , PETP	0 IC 22	50.17.7000	ACT00	IC 74 ACT 00 . ,A	0 R 13	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 27 59.06.088		C .068 U .10% .63V . PETP	0 IC 23	50.17.7004	ACT04	IC 74 ACT 04 A	0 R 14	57.11.3103	10k	R 10 K , 1%, 0207 , MF				
C 28 59.06.06		C .068 U , 10%, 63V , PETP	0 IC 24	50.17.7244	ACT244	IC 74 ACT 244 . ,A	0 R 15	57.11.3242	2k4	R 2.4 K, 1%, 0207, MF				
C 29 59.22.54		C 47 U -20%, 25V , EL	0 IC 25	50.17.1000	74HC00	IC 74 HC 00 . , ,A	0 R 16	57.11.5225	2M2	R 2.2 M, 5%, 0207, MF				
C 29 59.22.54 C 30 59.22.54		C 47 U ,-20%, 25V , EL	0 IC 26	50.16.0153	82520	IC SAB 82520-P .A	0 R 17	57.11.3104	100k	R 100 K, 1%, 0207, MF				
C 30 59.22.54 C 31 59.06.06		C .068 U .10%, 63V . PETP	0 10 27	50.17.1133	74HC133	IC 74 HC 133A	0 R 18	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 32 59.06.02		C 2200 P, 10%, 63V, PETP	0 IC 28	50.17.1100	74HC00	IC 74 HC 00 A	0 R 19	57.11.3272	2k7	R 2.7 K, 1%, 0207, MF				
C 32 59.06.02		C .068 U , 10%, 63V , PETP	0 IC 29	50.17.1000	74HC00	IC 74 HC 00 . , ,A	0 R 20	57.11.3103	10k	R 10 K , 1%, 0207 , MF				
		C 470 U -20%, 6.3V , PETP	0 IC 30	50.17.7032	ACT32	IC 74 ACT 32. ,A	0 R 21	57.11.3751	750	R 750 , 1%, 0207 , MF				
C 34 59.22.24			0 IC 31	50.15.0104	MC3488	IC MC 3486 P. DS 3486 N.	0 R 22	57.11,3221	220	R 220 , 1%, 0207 , MF				
C 35 59.06.06		C .068 U , 10%, 63V , PETP	0 IC 32	50.09.0119	TL062		0 R 23	57,11,3103	10k	R 10 K , 1%, 0207 , MF				
C 36 59.06.06		C .068 U , 10%, 63V , PETP	0 IC 33	50.09.0119	TL062		0 R 24	57.11.3223	22k	R 22 K . 1% . 0207 . MF				
C 37 59,06,06		C .068 U , 10%, 63V , PETP	0 IC 34	50.09.0119	74HC151		0 R 25	57,11,3223	22k	R 22 K , 1%, 0207 , MF				
C 38 59.06.08		C .088 U , 10%, 63V , PETP					0 R 26	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 39 59.06.08		C .068 U , 10%, 63V , PETP	0 IC 35	50.17.1000	74HC00	IC 74 HC 00 ., ,A	0 R 27	57.11.3473	47k	R 47 K . 1%, 0207 . MF				
C 40 59.25.24		C 47 U -10%, 10V , EL	0 J1	54.01.0021		J BRUECKE 2 *.63	0 R 28	57.11.3473	47k	R 47 K, 1%, 0207, MF				
C 41 59.06.06		C .368 U , 10%, 63V , PETP	0 J101	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 R 29	57,11,3103	10k	R 10 K . 1% 0207 . MF				
C 42 59.06.06		C .368 U , 10%, 63V , PETP	0 J102	53.03,0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R 30	57.11.3103	10k	R 10 K . 1% . 0207 . MF				
C 43 59.06.02		C 2200 P , 10%, 63V , PETP	0 J102	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R 31	57.11.3103	10k	R 10 K . 1% . 0207 . MF				
C 44 59.06.06		C .368 U , 10%, 63V , PETP	0 J103	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 R 32	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 45 59.06.02		C 2200 P , 10%, 63V , PETP	0 J104 0 J105	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R 33	57.11.3103	10k	R 10 K, 1%, 0207, MF				
C 46 59.06.02		C 2200 P , 10%, 63V , PETP	0 J106	53.03.0218	1-P		0 R 34	57.92.7014	0.65A	RT 650 MA POLY-PTC				
C 47 59.06.06	33 68n	C .068 U , 10%, 63V , PETP	0 J106	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 R35	57 92 7014	0.65A	RT 650 MA ,POLY- PTC				
C 48 59.06.06	83 68n	C .068 U , 10%, 63V , PETP	0 J107	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R 36	57.11.3103	10k	R 10 K , 1%, 0207 , MF				
C 49 59.34.42		C 220 P, 5%, N750, CER	0 J 109	53.03.0218	1-P		0 R 37	57.11.3101	100	R 100 , 1%, 0207 , MF				
C 50 59.34.42	21 220p	C 220 P, 5%, N750, CER				XIC SINGLE, IN-LINE 1PIN=1STK	0 R38	57.11.3101	100	R 100 . 1% 0207 . MF				
			0 J 110	53.03.0218 53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 R 39	57.11.3101	100	R 100 , 1%, 0207 , MF				
D 1 50,04.01		D 1N 4448, SI	0 J111		1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R 40	57.11.3101	100	R 100 , 1%, 0207 , MF				
D 2 50.04.01		D 1N 4448, SI	0 J 112	53.03.0218	1-P 1-P	XIC SINGLE, IN-LINE 1PIN=15TK XIC SINGLE, IN-LINE 1PIN=15TK	0 R 41	57.11.3101	100	R 100 , 1%, 0207 , MF				
D 3 50.04.05		D 1N 5818, 1N 5819,	0 J 113	53.03.0218	1-P		0 R42	57.11.3101	100	R 100 , 1%, 0207 , MF R 100 , 1%, 0207 , MF				
D 4 50.04.01		D IN 4448, SI	0 J 114	53.03.0218		XIC SINGLE, IN-LINE 1PIN=1STK	0 R42	57.11.3101	100 10k	R 100 , 1%, 0207 , MF R 10 K , 1%, 0207 , MF				
D 5 50.04.01		D 1N 4448, SI	0 J 201	53.03.0218	1-P 1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R43	57.11.3103	10k	R 10 K, 1%, 0207, MF R 100 , 1%, 0207, MF				
D 6 50.04.01		D 1N 4448, SI	0 J 202	53.03.0218	1-P 1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R44	57.11.3101	100 10k	R 100 , 1%, 0207 , MF R 10 K , 1%, 0207 , MF				
D 7 50.04.01		D 1N 4448, SI	0 J 203	53.03.0218			0 R 45	57.11.3103	10k 1k	R 10 K, 1%, 0207, MF R 1 K, 1%, 0207, MF				
D 8 50,04.01		D 1N 4448, SI	0 J 301	53,03,0218	1-P 1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 R45	57.11.3102	1K 0.65A	RT 650 MA .POLY- PTC				
D 9 50.04.01		D 1N 4448, SI	0 J 302	53.03.0218 53.03.0218	1-P 1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R47	57.92.7014	33	R 33 , 1%, 0207 , MF				
D 10 50.04.01		D 1N 4448, SI	0 J303		1-P 1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	0 R48	57.11.3330	33	R 33 , 1%, 0207 , MF R 33 , 1%, 0207 , MF				
D 11 50,04,01		D 1N 4448, SI	0 J 304	53,03.0218	1-P 1-P	XIC SINGLE, IN-LINE 1PIN=1STK XIC SINGLE, IN-LINE 1PIN=1STK	U R 49	01.11.0000	33	55 , 170, 0207 , MP				
D 12 50.04.01		D 1N 4448, SI	0 J 305	53.03.0218			0 RA1	58.05.0104	100k	R 100 K , 10%, .5 W , PMG				
D 13 50.04.01		D 1N 4448, SI	0 J 306	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 RA2	58.05.0104	100k	R 100 K, 10%, .5 W, PMG				
D 14 50.04.01		D 1N 4448, SI	0 J 307	53.03.0218	1-P 1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 RA3	58.05.0104	100k	R 100 K . 10% . 5 W . PMG				
D 15 50.04.01		D 1N 4448, SI	0 J 308	53.03.0218		XIC SINGLE, IN-LINE 1PIN=1STK	0 RA4	58.05.0202	2k	R 2K, 10%, .5 W, PMG				
D 16 50.04.01		D 1N 4448, SI	0 J 309	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 RA 5	58.05.0103	2N 10k	R 10 K, 10%, .5 W, PMG				
D 17 50.04.01		D 1N 4448, SI	0 J 310	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 RA 6	58.05.0202	2k	R 2K,10%,.5W,PMG				
D 18 50.04.01		D 1N 4448, SI	0 J 311	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	2 101 0	00.00.0202	45	211, 1079, 1077, FINIS				
D 19 50.04.01		D 1N 4448, SI	0 J 312	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 RZ 1	57.88.4103	10k	RZ 8*10 K, 2%, SIP 9				
D 20 50.04.01	25 1N4448	D 1N 4448, SI	0 J 313	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 RZ2	57.88.4103	10k	RZ 8* 10 K. 2%, SIP 9				
D 21 50.04.01	25 1N4448	D 1N 4448, SI	0 J 314	53.03.0218	1-P	XIC SINGLE, IN-LINE 1PIN=1STK	0 RZ3	57.88.4473	47k	RZ 8 * 47 K, 2%, SIP 9				
D 22 50,04,01	25 1N4448	D 1N 4448, SI					0 RZ4	57.88.4103	10k	RZ 8* 10 K. 2%, SIP 9				
D 23 50.04.01		D 1N 4448, SI	0 MP1	1.990.190.12	_	MODULE PROCESSOR PCB	0 RZ 5	57.88.4103	10k	RZ 8* 10 K, 2%, SIP 9				
D 24 50,04.01		D 1N 4448, SI	0 MP 2	28.99.0119	6 pcs	ROHRNIETE D 2.5*0.15* 9	0 RZ 6	57.88.4102	1k	RZ 8* 1 K, 2%, SIP 9				
D 25 50.04.01		D 1N 4448, SI	0 MP3	1.010.012.22	2 pcs	NIETMUTTER SW 6 M 3 * 2	0 RZ 7	57.88.4473	47k	RZ 8 * 47 K, 2%, SIP 9				
D 26 50.04.01		D 1N 4448. SI	0 MP 4	1.101.001.31		TEXT-ETIK, 5*20 HARDWARE -31	0 RZ 8	57.88.4103	47k 10k	RZ 8*10 K. 2%, SIP 9				
D 27 50.04.01		D 1N 4448, SI	0 MP 5	1.990.190.04		NRETIKETTE 5 * 20	0 RZ 8	57.88.2101	10K R 4*100R	RZ 4*100 . 2%, SIP 8				
D 28 50.04.01		D BAT 85	0 MP 6	43.01.0108		ESE-WARNSCHILD	0 RZ 10	57.88.2101	R 4*100R					
D 29 50.04.01		D 1N 4448 SI	0 MP7	65.99.0167		POLYURH. KLEBBAND WS, 9* 3	0 RZ 10 0 RZ 11	57.88.2101 57.88.2101	R 4*100R R 4*100R	RZ 4*100 , 2%, SIP 8 RZ 4*100 , 2%, SIP 8				
D 30 50,04,01		D 1N 4448. SI												
D 30 50.04.01		D 1N 4448. SI	0 P1	54.11.2013	32-P	P EU-BK 2 * 16	0 RZ 12	57.88.4104	100k	RZ 8*100 K, 2%, SIP 9				
D 31 50.04.01 D 32 50.04.01		D 1N 4448, SI D 1N 4448, SI	0 P2	54.11.2013	32-P	P EU-BK 2 * 16	0 RZ 13	57.88.4103	10k	RZ 8 * 10 K, 2%, SIP 9				
D 32 50.04.01 D 33 50.04.01			0 P3	54.11.2013	32-P	P EU-BK 2*16	A VIO.12	53.03.0166		XIC DIL 8-POL				
		D 1N 4448, SI D 1N 4448. SI	0 P 101	54.01.0020	1-P	P STIFT .63*.63, H=5.8/3.4								
					1-P	P STIFT .63*.63, H=5.8/3.4	U XIC 11	53.03.0173		XIC DIL 28-POL,				
D 34 50.04.01 D 35 50.04.01		D 1N 4448, SI	0 P 102 0 P 103	54.01.0020 54.02.0320	1-P	P FLACH, 2.8*0.8, GERADE	0 100	53.03.0168		XIC DIL 16-POL				

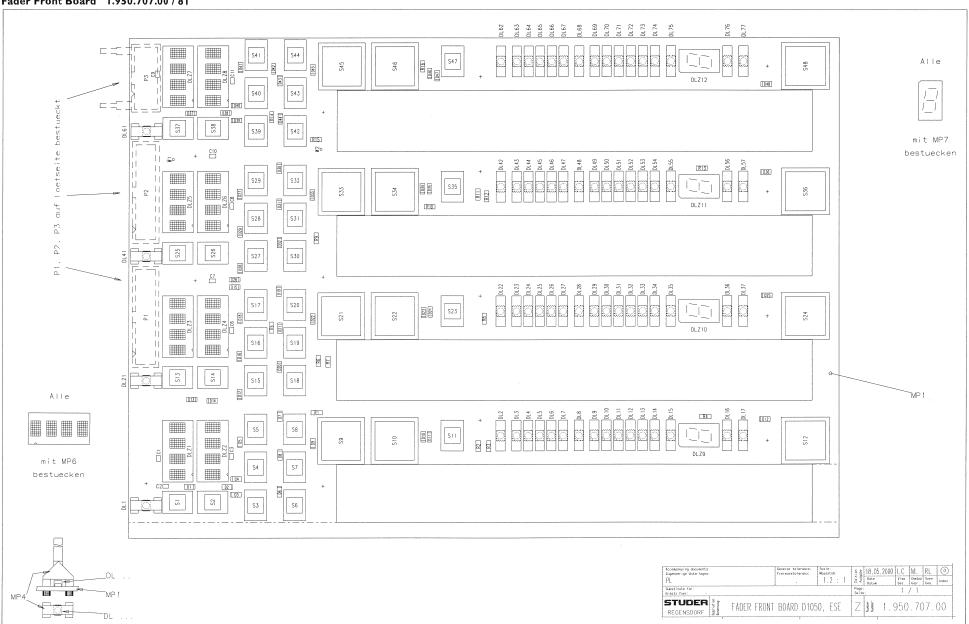
Fader Front Board | 1.950.707.00 | 81



Fader Front Board | 1.950.707.00 / 81



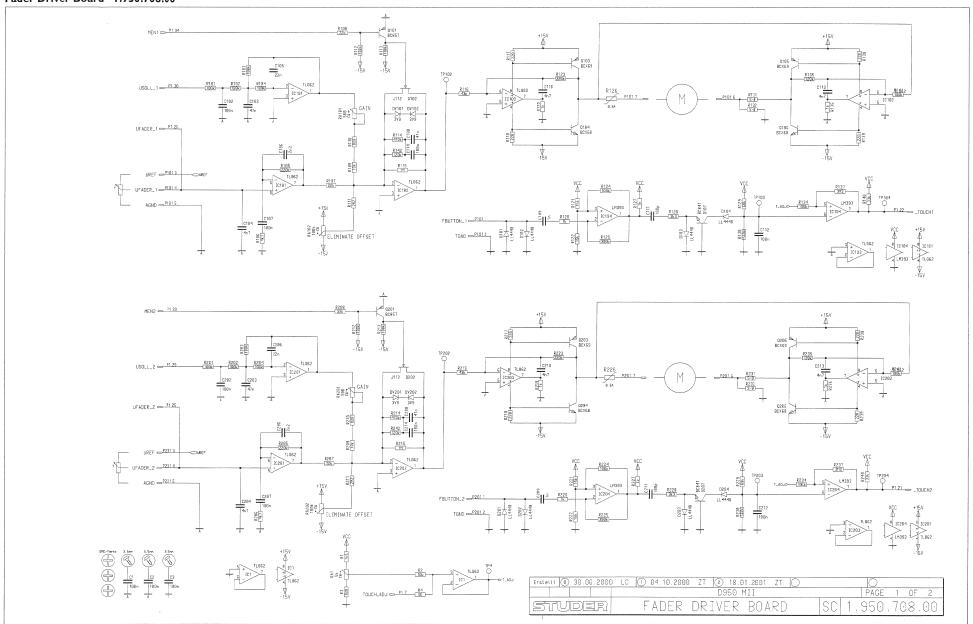
Fader Front Board | 1.950.707.00 / 81



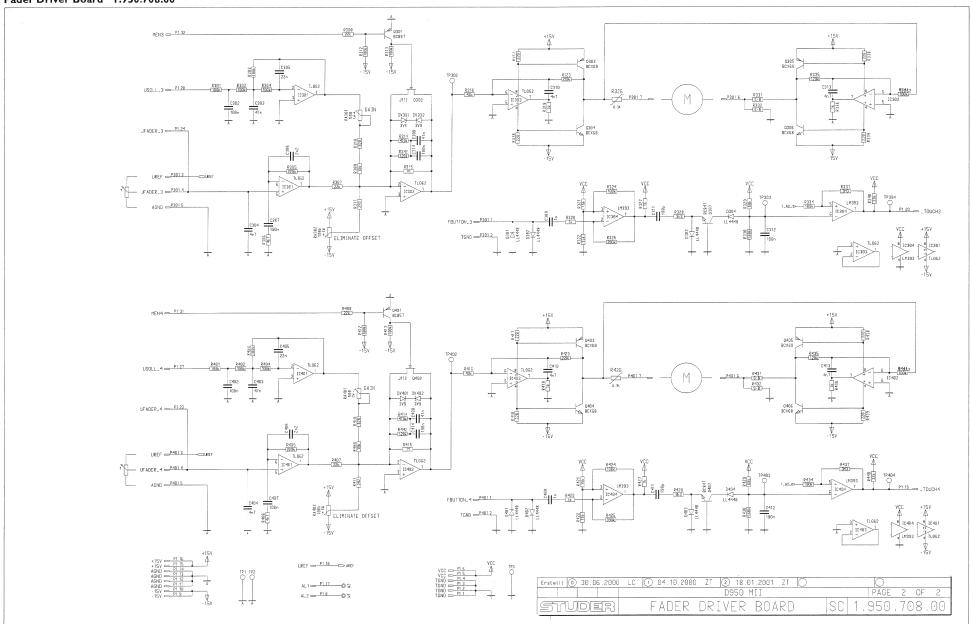
Fader Front Board 1.950.707.81

ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No.	Qty.	Type/Val.	Description
: 1							0110 1 50 0 500 5	0 R 15	57.60.110	1 nce	10R	MF. 1%, 0204, E24
	59.60.3337 1 pce 59.60.3337 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 DL 28 0 DL 29	50.60.9415 1 pce 50.60.9412 1 pce	red/gm red	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 R16	57.60.113		10R	MF, 1%, 0204, E24
	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 DL 30	50.60.9413 1 pce	vel	SMD LED 2.7*3.5	0 S1	55.15.063	1 1 000	1*a	Switch 5mm, vel/transparent
	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 DL 31	50.63.9414 1 pce	gm	SMD LED 2.7*3.5	0 S2	55.15.063		1*a	Switch 5mm, grn/transparent
	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 DL 32	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 S3	55.15.062	2 1 pce	1*a	Switch 5mm, red/red
	59.60.3337 1 poe	100n	CER 50V, 10%, X7R, 0805	0 DL 33 0 DL 34	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 S4	55.15.060		1*a	Switch 5mm, yel/transparent
0	59.60.3337 1 pce 59.60.3337 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 DL 34 0 DL 35	50.60.9412 1 pce 50.60.9415 1 pce	red red/gm	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 S 5	55.15.064		1*a	Switch 5mm, yel/yel
1	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 DL 36	50.60.9413 1 pce	yel	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 S 6	55.15.060		1*a 1*a	Switch 5mm, red/transparent Switch 5mm, red/transparent
				0 DL 37	50.60.9415 1 pce	redigm	SMD LED 2.7*3.5	0 S7 0 S8	55.15.060 55.15.060		1'a 1*a	Switch 5mm, red/transparent
1 2	50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 DL 41	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 59	55 15 070		1*a	Switch 12mm, grn/transparent
	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 42	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 S 10	55.15.070	4 1 pce	1*a	Switch 12mm, yel/transparent
3 4	50.60.8001 1 pce	4448	200mA 75V 4ns SQD 80	0 DL 43 0 DI 44	50.60.9413 1 pce 50.60.9414 1 pce	yel	SMD LED 2.7*3.5	0 S 11	55.15.060		1*a	Switch 5mm, yel/transparent
	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 45	50.60.9414 1 pce 50.60.9412 1 pce	grn red	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 S 12	55.15.070		1*a	Switch 12mm, yel/transparent
	50.60.8001 1 pce	4448	200mA 75V 4ns SQD 80	0 DL 46	50.63.9413 1 pce	yel	SMD LED 2.7*3.5	0 S 13	55.15.060		1*a	Switch 5mm, yei/transparent Switch 5mm, grn/transparent
	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 47	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 S 14 0 S 15	55.15.060 55.15.062		1*a 1*a	Switch 5mm, gm/transparent Switch 5mm, red/red
3	50.60.8001 1 pce	4448 4448	200mA 75V 4ns SQD 80 200mA 75V 4ns SQD 80	0 DL 48	50.60.9415 1 pce	red/grn	SMD LED 2.7*3.5	0 S 16	55.15.060		1*a	Switch 5mm, vel/transparent
10	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 49	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 S 17	55.15.064		1*a	Switch 5mm, yel/yel
1	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 50 0 DL 51	50.63.9413 1 pce	yel	SMD LED 2.7*3.5	0 S 18	55.15.060		1*a	Switch 5mm, red/transparent
	50.60.8001 1 pce	4448	200mA 75V 4ns SQD 80	0 DL 52	50.63.9414 1 pce 50.63.9413 1 pce	grn yel	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 S 19	55.15.080		1*a	Switch 5mm, red/transparent
3	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 53	50.63.9412 1 pce	red	SMD LED 2.7 3.5 SMD LED 2.7*3.5	0 S 20	55.15.060		1*a	Switch 5mm, red/transparent
	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 54	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 S 21	55.15.070 55.15.070		1*a 1*a	Switch 12mm, grn/transparent Switch 12mm, yel/transparent
15	50.60.8001 1 pce	4448 4448	200mA 75V 4ns SQD 80	0 DL 55	50.60.9415 1 pce	red/grn	SMD LED 2.7*3.5	0 S 22 0 S 23	55.15.070 55.15.060		1*a 1*a	Switch 12mm, yel/transparent Switch 5mm, yel/transparent
13 17	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SCD 80 200mA 75V 4ns SCD 80	0 DL 56	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 S 24	55.15.000		1*a	Switch 12mm, yel/transparent
18	50.60.8001 1 pce	4448	200mA 75V 4ns SCD 80	0 DL 57 0 DL 61	50.60.9415 1 pce	red/grn	SMD LED 2.7*3.5	0 S 25	55.15.060	4 1 pce	1*a	Switch 5mm, yel/transparent
19	50.60.8001 1 pce	4448	200mA 75V 4ns SCD 80	0 DL 62	50.60.9412 1 pce 50.60.9412 1 pce	red red	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 S 26	55,15.080		1*a	Switch 5mm, grn/transparent
20	50.60.8001 1 pce	4448	200mA 75V 4ns SCD 80	0 DL 63	50.60.9412 1 pce 50.60.9413 1 pce	yei	SMD LED 2.7'3.5 SMD LED 2.7'3.5	0 S 27	55.15.062		1*a	Switch 5mm, red/red
21	50.60.8001 1 pce	4448	200mA 75V 4ns SCD 80	0 DL 64	50.60.9414 1 pce	grn	SMD LED 2.7 3.5	0 S 28	55.15.060		1*a	Switch 5mm, yel/transparent
22	50.60.8001 1 pce	4448	200mA 75V 4ns SCD 80	0 DL 65	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 S 29 0 S 30	55.15.064 55.15.060		1*a 1*a	Switch 5mm, yel/yel Switch 5mm, red/transparent
D 23	50.60.8001 1 pce	4448	200mA 75V 4ns SCD 80	0 DL 66	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 530	55.15.060		1*a	Switch 5mm, red/transparent
24	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SQD 80 200mA 75V 4ns SQD 80	0 DL 67	50.60,9413 1 pce	yel	SMD LED 2.7*3.5	0 532	55.15.060		1*a	Switch 5mm, red/transparent
26	50.60.6001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 68	50.60.9415 1 pce	red/grn	SMD LED 2.7*3.5	0 S 33	55.15.070		1*a	Switch 12mm, grn/transparent
27	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 69 0 DL 70	50.60.9412 1 pce 50.60.9413 1 pce	red vel	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 S 34	55.15.070		1*a	Switch 12mm, yel/transparent
28	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 71	50.60.9414 1 pce	grn	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 S 35	55.15.060		1*a	Switch 5mm, yel/transparent
29	50.60.8001 1 pce	4448	200mA 75V 4ns S0D 80	0 DL 72	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 S 36	55.15.070		1*a	Switch 12mm, yel/transparent
30	50.60.8001 1 pce	4448	200mA 75V 4ns S0D 80	0 DL 73	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 S 37 0 S 38	55.15.060 55.15.060		1*a 1*a	Switch 5mm, yel/transparent Switch 5mm, grn/transparent
31	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 74	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 S 39	55.15.060		1*a	Switch 5mm, red/red
32	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns S0D 80 200mA 75V 4ns S0D 80	0 DL 75	50.60.9415 1 pce	red/grn	SMD LED 2.7*3.5	0 S 40	55.15.060		1*a	Switch 5mm, yel/transparent
34	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 76	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 S 41	55.15.064	4 1 pce	1*a	Switch 5mm, yel/yel
15	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 77	50.60.9415 1 pce	red/grn	SMD LED 2.7*3.5	0 S 42	55.15.060		1*a	Switch 5mm, red/transparent
6	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 1	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 S 43	55.15.060		1*a	Switch 5mm, red/transparent
37	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 2	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 S 44	55.15.060		1*a	Switch 5mm, red/transparent
38	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 3	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 S 45 0 S 46	55.15.070	15 1 pce 14 1 pce	1*a 1*a	Switch 12mm, grn/transparent Switch 12mm, yel/transparent
9	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 4	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 S46	55.15.060		1*a	Switch 5mm, yel/transparent
40	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 DLZ 5 0 DLZ 6	73.01.0408 1 pce 73.01.0408 1 pce	4digit 4digit	5*7 Dot matrix display green	0 S48	55.15.070		1*a	Switch 12mm, yel/transparent
0 41	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 7	73.01.0408 1 pce	4digit	5*7 Dot matrix display green 5*7 Dot matrix display green					
0 43	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 8	73.01.0408 1 pce	4digit	5*7 Dot matrix display green				End of	List
) 44	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 9	73.01.0135 1 pce	7-SEG	7-SEGM.ANZEIGE LED GN 7.6 MM	Comments:				
0 45	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 10	73.01.0135 1 pce	7-SEG	7-SEGM.ANZEIGE LED GN 7.6 MM	Comments:				
46	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 11	73.01.0135 1 pce	7-SEG	7-SEGM.ANZEIGE LED GN 7.6 MM					
48	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 12	73.01.0135 1 pce	7-SEG	7-SEGM.ANZEIGE LED GN 7.6 MM					
ಕ	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		1.950.707.12 1 pce		Fader Front PCB					
	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 MP 2	1.950.707.04 1 pce		Nr. Etikette					
. 2	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 MP3	43.01.0108 1 pce	Label	ESE-WARNSCHILD					
3	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 MP 4	50.60.9411 4 pcs	d3	Lichtleiter für LED					
. 4	50.60.9414 1 pce	grn	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 MP5	50.60.9416 64 pcs	3.7/7*12	Lichtleiter für LED rechteckig					
L5	50.60.9412 1 pce	red	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 MP6 0 MP7	53.03.0187 8 pcs	14p	DIL 0.3", löt, H=6					
L6 L7	50.60.9413 1 pce 50.60.9413 1 pce	yel yel	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 MP7	53.03.0186 4 pcs	10p	DIL 0.2", löt, H=6					
DL /	50.60.9413 1 pce 50.60.9415 1 pce	red/arn	SMD LED 2.7 3.5 SMD LED 2.7*3.5	0 P1	54.16.0540 1 pce	40p	1/40* PCB-con male, Au					
DL 9	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 P2	54.16.0540 1 pce	40p	1/40" PCB-con male, Au					
L 10	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 P3	54.14.2101 1 pce_	10p	1/20" Au, gerade, Verrieg					
L 11	50.60.9414 1 pce	grn	SMD LED 2.7*3.5	0 R1	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
L 12	50.60.9413 1 pce	yei	SMD LED 2.7*3.5	0 R2	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
L 13	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 R3	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
DL 14 DL 15	50.60.9412 1 pce 50.60.9415 1 pce	red red/arn	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 R4	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
DL 15 DL 16	50.60.9415 1 pce 50.60.9413 1 pce	red/grn vel	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 R5 0 R6	57.60.1100 1 pce	10R 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
DL 10 DL 17	50.60.9413 1 pce	yei red/grn	SMD LED 2.7 3.5	0 R6	57.60.1100 1 pce 57.60.1100 1 pce	10R 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
DL 21	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 R8	57.60.1100 1 pce 57.60.1100 1 pce	10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
DL 22	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 R9	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
DL 23	50.60.9413 1 pce	yei	SMD LED 2.7*3.5	0 R 10	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
DL 24	50.60.9414 1 pce	grn	SMD LED 2.7*3.5	0 R11	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
DL 25	50.60.9412 1 pce	red	SMD LED 2.7*3.5	0 R 12	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
L 26	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 R 13	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					
DL 27	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 R 14	57.60.1100 1 pce	10R	MF, 1%, 0204, E24					

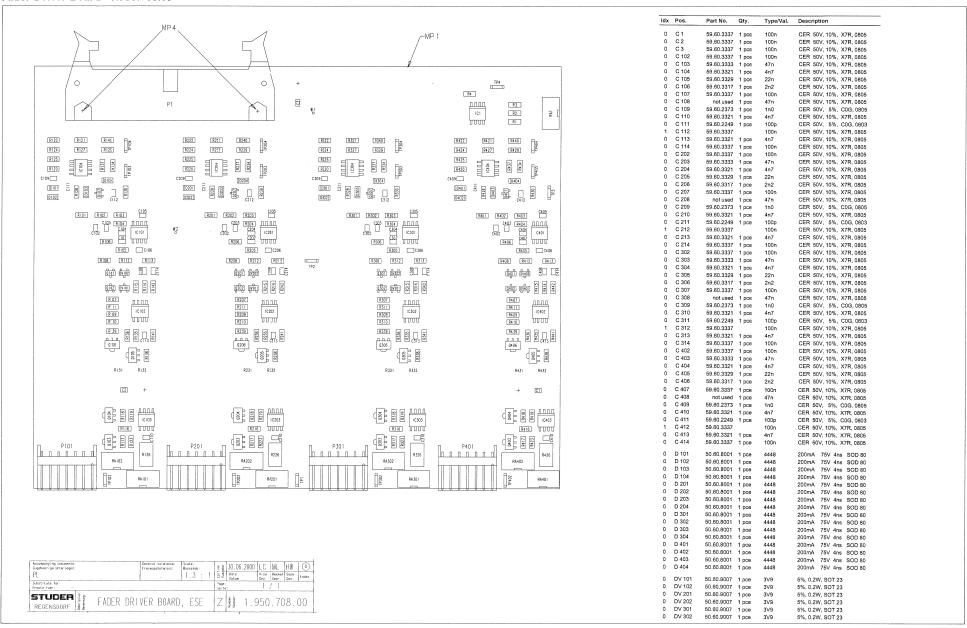
Fader Driver Board 1.950.708.00



Fader Driver Board 1.950.708.00



Fader Driver Board 1.950.708.00



Fader Driver Board 1.950.708.00

ldx Pos.	Part No. Qty. T	ype/Val.	Description	ldx Pos.	Part No. Qt	. Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
DV 401	50.60.9007 1 pce 3\	V9	5%. 0.2W. SOT 23	0 R 116	57.60.1433 1 p	e 43k	MF. 1%, 0204, E24	0 R 312	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0 RA 402	58.01.9104 1 pce	100k	Cermet, 10%, 0.5W, ve
DV 402	50.60.9007 1 pce 3\		5%. 0.2W. SOT 23	0 R 117	57.60.1221 1 p		MF. 1%, 0204, E24	0 R 313	57.60.1104 1 pce	100k	MF, 1%, 0204, E24				
D				0 R 118	57.60.1221 1 p		MF, 1%, 0204, E24	0 R 314	57.60.1474 1 pce	470k	MF, 1%, 0204, E24	0 TP 1	not used 1 pce	1p	PCB-Flachst 2.8*0.8, ge
IC 1	50.61.0201 1 pce TL	L062	Dual FET Op-Amp	0 R 119	57.60.1102 1 p		MF. 1%, 0204, E24	0 R 315	57.60.1105	1M	MF, 1%, 0204, E24	0 TP 2	not used 1 pce	1p	PCB-Flachst 2.8*0.8, ge
IC 101	50.61.0201 1 pce TL	L062	Dual FET Op-Amp	0 R 120	57.60.1102 1 p		MF, 1%, 0204, E24	0 R 316	57.60.1433 1 pce	43k	MF. 1%, 0204, E24	0 TP 3	not used 1 pce	1p	PCB-Flachst 2.8*0.8, ge
IC 102	50.61.0201 1 pce TL	L062	Dual FET Op-Amp	0 R 120	57.60.1102 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 317	57.60.1221 1 pce	220R	MF. 1%, 0204, E24	0 TP 4	not used 1 pce	1p	PCB-Flachst 2.8*0.8, ge
C 103			Dual FET Op-Amp					0 R 318	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 TP 102	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 104			Dual voltage comp. SO 8	0 R 122	57.60.1153 1 p		MF, 1%, 0204, E24	0 R 319	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 TP 103	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
C 201			Dual FET Op-Amp	0 R 123	57.60.1224 1 p		MF, 1%, 0204, E24					0 TP 104	not used 1 pce	10	PCB-Flachst 2.8*0.8. c
				0 R 124	57.60.1104 1 p	e 100k	MF, 1%, 0204, E24	0 R 320	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 TP 202	not used 1 pce	10	PCB-Flachst 2.8*0.8,
IC 202			Dual FET Op-Amp	0 R 125	57.60.1394 1 p	e 390k	MF, 1%, 0204, E24	0 R 321	57.60.1153 1 pce	15k	MF, 1%, 0204, E24	0 TP 203	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 203			Dual FET Op-Amp	2 R 126	57.92.7012	0.3A	PTC 60V	0 R 322	57.60.1153 1 pce	15k	MF, 1%, 0204, E24	0 TP 203			
IC 204			Dual voltage comp. SO 8	0 R 127	57.60.1102 1 p	e 1k0	MF, 1%, 0204, E24	0 R 323	57.60.1224 1 pce	220k	MF, 1%, 0204, E24		not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 301		L062	Dual FET Op-Amp	0 R 128	57.60.1332 1 p	e 3k3	MF. 1%, 0204, E24	0 R 324	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0 TP 302	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 302	50.61.0201 1 pce TL	L062	Dual FET Op-Amp	0 R 129	57.60.1683 1 p		MF, 1%, 0204, E24	0 R 325	57.60.1394 1 pce	390k	MF, 1%, 0204, E24	0 TP 303	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 303	50.61.0201 1 pce TL	L062	Dual FET Op-Amp	0 R 130	57.60.1564 1 p		MF. 1%, 0204, E24	2 R 326	57.92.7012	0.3A	PTC 60V	0 TP 304	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 304	50.61.9001 1 pce LM	M393	Dual voltage comp. SO 8	0 R 131	not used 1 p		MF. 0204	0 R 327	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 TP 402	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 401	50.61.0201 1 pce TL	L062	Dual FET Op-Amp	0 R 132			MF. 0204	0 R 328	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24	0 TP 403	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 402	50.61.0201 1 pce TL	L062	Dual FET Op-Amp		57 60.1000 1 p			0 R 329	57.60.1683 1 pce	68k	MF, 1%, 0204, E24	0 TP 404	not used 1 pce	1p	PCB-Flachst 2.8*0.8, g
IC 403			Dual FET Op-Amp	0 R 134	57.60.1104 1 p		MF, 1%, 0204, E24	0 R 330	57.60.1564 1 pce	560k	MF, 1%, 0204, E24				
			Dual voltage comp. SO 8	0 R 135	57.60.1124 1 p	e 120k	MF, 1%, 0204, E24							End of L	
IC 404	50.61.9001 1 pce LN	MORE	Duai voltage comp. 50 6	0 R 136	57.60.1102 1 p		MF, 1%, 0204, E24	0 R 331	not used 1 pce	0R0	MF, 0204			Ena of L	ist ———
MP 1	1.950.708.12 1 pce		Fader Driver PCB	0 R 137	57 60.1335 1 p		MF, 1%, 0204, E24	0 R 332	57.60.1000 1 pce	0R0	MF, 0204	Comments:			
MP 2	1.950.708.04 1 pce		Nr. Etikette	0 R 138	57.60.1221 1 p	e 220R	MF, 1%, 0204, E24	0 R 334	57.60.1104 1 pce	100k	MF, 1%, 0204, E24		4,R201204,R30130	4,R401404 m	odified.
MP 3		abel	ESE-WARNSCHILD	0 R 139	57 60.1221 1 p		MF, 1%, 0204, E24	0 R 335	57.60.1124 1 pce	120k	MF, 1%, 0204, E24	R126,R226,	R326,R426 modified.		
MP 4		audi	ROHRNIETE D 2.5*0.15* 9	0 R 140	57 60.1333 1 n		MF. 1%, 0204, E24	0 R 336	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		C312,C412 modified.		
	28.99.0119 2 pcs			0 R 141	57 60.1333 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 337	57.60.1335 1 pce	3M3	MF, 1%, 0204, E24	Additional M	1175		
MP 5	43.10.0111 1 pce B	,	Revisions-Etikette 5mm h'blau	0 R 141				0 R 338	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	(2) D426 D226	R326,R426 modified.		
P 1	54.14.2018 1 nce 34	4n	Winkelstecker Au		57.60.1124 1 p		MF, 1%, 0204, E24	0 R 339	57.60.1221 1 pce	220R	MF. 1%, 0204, E24	(2) K126,K226,I MP5 modifie			
P 101	54.14.2016 1 pce 32 54.12.0727 1 pce 7g	1.60	Stecker winkel PCB	1 R 201	57 60.1104	100k	MF, 1%, 0204, E24	0 R 340	57.60.1333 1 pce	33k	MF. 1%, 0204, E24	mi o modilie	•		
		-	Stecker winkel PCB	1 R 202	57.60.1104	100k	MF, 1%, 0204, E24	0 R 340	57.60.1333 1 pce 57.60.1104 1 pce	100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
P 201	54.12.0727 1 pce 7g		Grounds minimos 1 GG	1 R 203	57.60.1104	100k	MF, 1%, 0204, E24				,				
P 301	54.12.0727 1 pce 7g		Stecker winkel PCB	1 R 204	57.60.1104	100k	MF, 1%, 0204, E24	0 R 342	57.60.1124 1 pce	120k	MF, 1%, 0204, E24				
P 401	54.12.0727 1 pce 7p	p	Stecker winkel PCB	0 R 205	57.60.1224 1 p	e 220k	MF, 1%, 0204, E24	1 R 401	57.60.1104	100k	MF, 1%, 0204, E24				
	50.00 4004 4	C857B	PNP 45V 100mA SOT 23	0 R 206	57.60.1472 1 p		MF. 1%, 0204, E24	1 R 402	57.60.1104	100k	MF, 1%, 0204, E24				
Q 101				0 R 207	57.60.1223 1 p		MF, 1%, 0204, E24	1 R 403	57.60.1104	100k	MF, 1%, 0204, E24				
Q 102		112	JFET N-Channel	0 R 208	57.60.1223 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	1 R 404	57.60.1104	100k	MF, 1%, 0204, E24				
Q 103		CX69-25	PNP 45V 1.0A SOT 89					0 R 405	57.60.1224 1 pce	220k	MF, 1%, 0204, E24				
Q 104			NPN 45V 1.0A SOT 89	0 R 209	57.60.1103	10k	MF, 1%, 0204, E24	0 R 406	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24				
Q 105		CX69-25	PNP 45V 1.0A SOT 89	0 R 210	57.60.1821	820R	MF, 1%, 0204, E24	0 R 407	57.60.1223 1 pce	22k	MF, 1%, 0204, E24				
Q 106	50.60.0100 1 pce B	CX68-25	NPN 45V 1.0A SOT 89	0 R 211	57.60.1225	2M2	MF, 1%, 0204, E24	0 R 408	57.60.1223 1 pce	22k	MF. 1%, 0204, E24				
Q 107	50.60.0001 1 pce B	C847B	NPN 45V 100mA SOT 23	0 R 212	57.60.1104 1 p		MF, 1%, 0204, E24	0 R 409	57.60.1223 1 pce	10k	MF. 1%, 0204, E24				
Q 201	50.60.1001 1 pce B	3C857B	PNP 45V 100mA SOT 23	0 R 213	57.60.1104 1 p	e 100k	MF, 1%, 0204, E24								
Q 202		112	JFET N-Channel	0 R 214	57.60.1474 1 p	e 470k	MF, 1%, 0204, E24	0 R 410	57.60.1821	820R	MF, 1%, 0204, E24				
Q 202			PNP 45V 1.0A SOT 89	0 R 215	57.60,1105	1M	MF, 1%, 0204, E24	0 R 411	57.60.1225	2M2	MF, 1%, 0204, E24				
Q 203 Q 204		3CX68-25	NPN 45V 1.0A SOT 89	0 R 216	57.60.1433 1 p	e 43k	MF, 1%, 0204, E24	0 R 412	57.60.1104 1 pce	100k	MF, 1%, 0204, E24				
		3CX69-25	PNP 45V 1.0A SOT 89	0 R 217	57.60.1221 1 p		MF, 1%, 0204, E24	0 R 413	57.60.1104 1 pce	100k	MF, 1%, 0204, E24				
Q 205 Q 206				0 R 218	57.60.1221 1 p		MF. 1%, 0204, E24	0 R 414	57.60.1474 1 pce	470k	MF, 1%, 0204, E24				
Q 206		3CX68-25	NPN 45V 1.0A SOT 89	0 R 219	57.60.1102 1 p		MF. 1%, 0204, E24	0 R 415	57.60.1105	1M	MF, 1%, 0204, E24				
Q 207		3C847B	NPN 45V 100mA SOT 23	0 R 220				0 R 416	57.60.1433 1 pce	43k	MF. 1%, 0204, E24				
Q 301	50.60.1001 1 pce B	3C857B	PNP 45V 100mA SOT 23		57.60.1102 1 p		MF, 1%, 0204, E24	0 R 417	57.60.1221 1 pce	220R	MF. 1%, 0204, E24				
Q 302	50.60.2001 1 pce J	1112	JFET N-Channel	0 R 221	57.60.1153 1 p		MF, 1%, 0204, E24	0 R 418	57.60.1221 1 pce	220R	MF, 1%, 0204, E24				
Q 303	50.60.1100 1 pce B	3CX69-25	PNP 45V 1.0A SOT 89	0 R 222	57.60.1153 1 p		MF, 1%, 0204, E24	0 R 419	57.60.1102 1 pce	1k0	MF. 1% 0204 F24				
Q 304	50.60.0100 1 pce B	3CX68-25	NPN 45V 1.0A SOT 89	0 R 223	57.60.1224 1 p	e 220k	MF, 1%, 0204, E24				,				
0.305		3CX69-25	PNP 45V 1.0A SOT 89	0 R 224	57.60.1104 1 p		MF, 1%, 0204, E24	0 R 420	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
Q 306		3CX68-25	NPN 45V 1.0A SOT 89	0 R 225	57.60.1394 1 p	e 390k	MF, 1%, 0204, E24	0 R 421	57.60.1153 1 pce	15k	MF, 1%, 0204, E24				
			NPN 45V 1.0A SOT 89 NPN 45V 100mA SOT 23	2 R 226	57.92.7012	0.3A	PTC 60V	0 R 422	57.60.1153 1 pce	15k	MF, 1%, 0204, E24				
		3C847B		0 R 227	57.60.1102 1 p		MF, 1%, 0204, E24	0 R 423	57.60.1224 1 pce	220k	MF, 1%, 0204, E24				
Q 401		3C857B	PNP 45V 100mA SOT 23	0 R 228	57.60.1132 1 p		MF, 1%, 0204, E24	0 R 424	57.60.1104 1 pce	100k	MF, 1%, 0204, E24				
Q 402		J112	JFET N-Channel	0 R 229	57 60.1332 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 425	57.60.1394 1 pce	390k	MF, 1%, 0204, E24				
Q 403		3CX69-25	PNP 45V 1.0A SOT 89					2 R 426	57.92.7012	0.3A	PTC 60V				
Q 404		BCX68-25	NPN 45V 1.0A SOT 89	0 R 230	57 60.1564 1 p		MF, 1%, 0204, E24	0 R 427	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
Q 405	50.60.1100 1 pce B	3CX69-25	PNP 45V 1.0A SOT 89	0 R 231	not used 1 p		MF, 0204	0 R 428	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24				
Q 406		3CX68-25	NPN 45V 1.0A SOT 89	0 R 232	57.60.1000 1 p		MF, 0204	0 R 429	57.60.1683 1 pce	68k	MF 1% 0204 E24				
Q 407		3C847B	NPN 45V 100mA SOT 23	0 R 234	57 60.1104 1 p		MF, 1%, 0204, E24	0 R 429	57.60.1663 1 pce 57.60.1564 1 pce	560k	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
R 1		1k5	MF, 1%, 0204, E24	0 R 235	57 60.1124 1 p		MF, 1%, 0204, E24	0 R 430		0R0	MF, 1%, 0204, E24 MF. 0204				
R2		10k	MF. 1%, 0204, E24	0 R 236	57 60.1102 1 p		MF, 1%, 0204, E24		not used 1 pce						
R3		10K 320R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 237	57.60.1335 1 p		MF, 1%, 0204, E24	0 R 432	57.60.1000 1 pce	0R0	MF, 0204				
				0 R 238	57.60.1221 1 p		MF, 1%, 0204, E24	0 R 434	57.60.1104 1 pce	100k	MF, 1%, 0204, E24				
R4		0R0		0 R 239	57.60.1221 1 p		MF. 1%, 0204, E24	0 R 435	57.60.1124 1 pce	120k	MF, 1%, 0204, E24				
R 101		100k	MF, 1%, 0204, E24	0 R 240	57.60.1333 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 436	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
R 102		100k	MF, 1%, 0204, E24					0 R 437	57.60.1335 1 pce	3M3	MF, 1%, 0204, E24				
R 103		100k	MF, 1%, 0204, E24	0 R 241	57.60.1104 1 p		MF, 1%, 0204, E24	0 R 438	57.60.1221 1 pce	220R	MF, 1%, 0204, E24				
R 104	57.60.1104 1	100k	MF, 1%, 0204, E24	0 R 242	57.60.1124 1 p		MF, 1%, 0204, E24	0 R 439	57.60.1221 1 pce	220R	MF, 1%, 0204, E24				
R 105	57.60.1224 1 pce 2	220k	MF, 1%, 0204, E24	1 R 301	57.60.1104	100k	MF, 1%, 0204, E24	0 R 440	57.60.1333 1 pce	33k	MF. 1%, 0204, E24				
R 106		4k7	MF, 1%, 0204, E24	1 R 302	57.60.1104	100k	MF, 1%, 0204, E24	0 R 440		100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
R 107		22k	MF. 1%, 0204, E24	1 R 303	57.60.1104	100k	MF, 1%, 0204, E24		57.60.1104 1 pce						
R 108		22k	MF. 1%, 0204, E24	1 R 304	57.60.1104	100k	MF, 1%, 0204, E24	0 R 442	57.60.1124 1 pce	120k	MF, 1%, 0204, E24				
R 108		22K 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 305	57.60.1224 1 p		MF. 1%, 0204, E24	0 RA1	58.01.9502 1 pce	5k	Cermet, 10%, 0.5W, vertical				
				0 R 306	57.60.1224 1 p		MF. 1%, 0204, E24 MF. 1%, 0204, E24	0 RA 101	58.01.9501	500R	Cermet, 10%, 0.5W, vertical				
R 110		320R	MF, 1%, 0204, E24					0 RA 102	58.01.9104 1 pce	100k	Cermet, 10%, 0.5W, vertical				
R 111		2M2	MF, 1%, 0204, E24	0 R 307	57.60.1223 1 p		MF, 1%, 0204, E24	0 RA 201	58.01.9501	500R	Cermet, 10%, 0.5W, vertical				
R 112		100k	MF, 1%, 0204, E24	0 R 308	57.60.1223 1 p		MF, 1%, 0204, E24	0 RA 202	58.01.9104 1 pce	100k	Cermet, 10%, 0.5W, vertical				
R 113		100k	MF, 1%, 0204, E24	0 R 309	57.60.1103	10k	MF, 1%, 0204, E24	0 RA 301	58.01.9501	500R	Cermet, 10%, 0.5W, vertical				
			MF, 1%, 0204, E24	0 R 310	57.60.1821	820R	MF, 1%, 0204, E24								
R 114	57.60.1474 1 pce 4	470k	MF, 1%, U2U4, E24	0 10	57.00.1621	62014	WF, 1/0, VZU4, EZ4	0 RA 302	58.01.9104 1 pce	100k	Cermet, 10%, 0.5W, vertical				

SCHEMATA / CIRCUIT DIAGRAMS

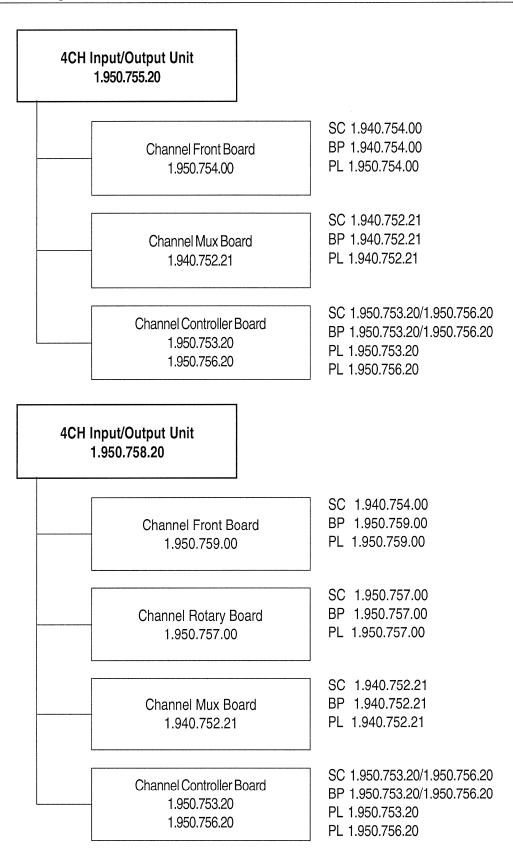
Input Panel Units

Channel Mux Board
Channel Controller Board
Channel Front Board
4CH Input/Output Unit
Channel Controller Board
Channel Rotary Board
Channel Front Board
D950 M2
Channel Front Board
Channel Controller Board

Edition: 24.01.01

4CH Input/Output Unit

1.950.755.20 / 1.950.758.20



SC: Schema

BP: Bestückungsplan PCB Layout PL: Positionsliste

Circuit Diagram Positional List



4CH Input / Output Unit 1.950.755.20

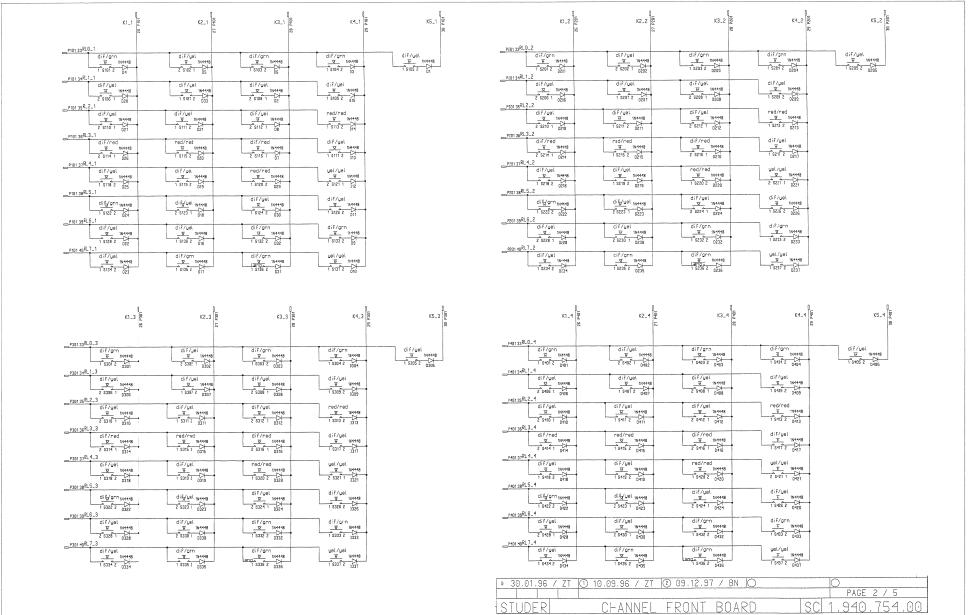
INPUT DIR OUT IN 1 Input Out ON	INPUT DIR OUT	INPUT DIR OUT	INPUT DIR OUT	
	IN 1 Input Out ON	IN 1 Input Out ON	IN 1 Innut Out ON	
IN 2 Busses				
	IN 2 Busses	IN 2 Busses	IN 2 Busses	
GEN Meters	GEN Meters	GEN Meters	GEN Meters	
ON AUX 2	1 ON AUX ON AUX MONO	on AUX AUX AUX MONO	1 AUX 2 ON AUX MONO	
3 ON ON	3 ON ON ON	3 ON ON ON	3 ON ON ON	
1 0N 2 0N	1 ON AUX ON	ON AUX ON	1 ON ON ON	
ON AUX ON STEREO	STEREO	STEREO	STEREO STEREO	
PROCESSING	PROCESSING	PROCESSING	PROCESSING	
EO FILT	EQ FILT	EO FILT	EO FILT	
CMP/ — DYN — EXP/	CMP/ — DYN — EXP/ GTE	CMP/ — DYN — EXP/ GTE	CMP/ DYN —EXP/	
INS	INS	INS	INS	
DLY	DLY	DLY	DLY	
орт	OPT	ОРТ	орт 🔲	
PAN ASN SEL	PAN ASN SEL	PAN ASN SEL	PAN ASN SEL	
Processing USER 1 2	Processing USER 1 2	Processing USER 1 2	USER 2	
SW 1	SW 1	SW 1	SW 1	
AUTO AUTO	AUTO	AUTO	AUTO AUTO	
9	000000000	0	999999999	
sw 2	SW C	sw	SW \(\times^2 \)	
AUTO	AUTO AUTO	AUTO	AUTO	
********	0	0000000000	3	
SW [3	SW 3	SW 3	SW 3	
AUTO	AUTO	AUTO	AUTO	
•	•	•	AUTO O	
4	0	4	<u> </u>	
sw 🗆 🔘	sw 🗆 🔘	sw 🗆 🔘	SW 🗆 🔘	
AUTO AUTO	AUTO	AUTO AUTO	AUTO AUTO	
******	••••••	********	•••••	
0000 • n-1	0000 • n-1	0000 • n-1	0000 • n-1	
1 2 TALK	1 2 TALK	1 2 TALK	1 2 TALK	
3 4 LAST MODE	3 4 LAST MODE	3 4 LAST MODE	3 4 LAST MODE	
PAGE → FREEZE	PAGE .FREEZE	PAGE FREEZE	PAGEFREEZE	





STUDER





A

S9_1 <u></u> F101 1	90.2 = P201 1
S101 S102 S124 S125 S128 S130	S291 S293 S292 S224 S225 S228 S229
S1_1 = 101 2	S1_2 = P201 2
\$2_1 = \(\frac{\partial \text{3}}{3} \) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	\$2.2 \(\begin{array}{c ccccccccccccccccccccccccccccccccccc
S3_1 P101 4	\$3.2 = \frac{\fir}{\frac{\f{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\f{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{
S4_1 = 2101 5 5117	\$4.2 = \frac{\text{P201 S}}{\text{S}} \text{S211} \text{S22} \text{S233} \text{D1.203} \text{D1.205} \
SS_1 = 2101 5 dF/yel diF/grn diF/grn grn/red g	SS_2 = P201 S
SS_1 = \frac{ptg1 7}{2} \frac{df r / u \text{el}}{3} \frac{rec r \text{ed}}{3} \frac{dif r / u \text{el}}{3} \frac{u \text{el}}{3} \frac{u \text{el}}{4} \	SE.2 = P201 7
S7_1 = P191 8	\$7.2 \(\frac{\text{P201 8}}{4\text{3}} \) \(\frac{\text{37.44}}{4\text{3}} \) \(\frac{\text{37.44}}{4\text{37.44}} \) \(\frac{\text{37.44}}{4\
S8_1 = 7191 9	\$8.2 \(\frac{5\frac{1}{2}}{5\frac{1}{16}} \) \(\frac{5\frac{1}{15}}{5\frac{1}{15}} \) \(\frac{5\frac{1}{15}}{5\
S9_1 = P101 10 diF/get diF/gen diF/gen yet yet yet yet	S9.2 ==281 18 dif/uet dif/orn dif/orn uet uet vet
\$122 \$197 \$10,192 \$1,000 \$1,00	\$223 \$222 \$201 \$0.202 \$0.205 \$0.208 \$0.211 \$\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}\frac{1}{1}\frac{1}\frac{1}{1}\frac{1}\fr
\$123 \$122 \$133 \$0.102 \$0.105 \$0.108 \$0.111 \$\frac{110}{100}\$ \$\frac{1}{100}\$ \$	S223 S223 S223 S213 OL202 OL205 OL208 OL211
S115 S133 0.113 0.102 0.105 0.108 0.111	\$215 \$233 0.213 0.292 0.205 0.208 0.211 \$215 \$235 0.213 0.292 0.205 0.208 0.211 \$15 \frac{1}{2} \fra
0.114	01.214
0.192 0.195 0.198 0.111 S14_1 = F101 15 0.192 0.198 0.111 wet wet wet wet vet	0.202 0.205 0.208 0.211
DL 102	0.202 0.205 0.208 0.211 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 10
01.192	01.202 01.205 01.208 0.211 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
P P P P P P P P P P P P P P P P P P P	P P P P P P P P P P P P P P P P P P P
C4_1 C5_1 C6_1 C0_1 C1_1 C2_1 C3_1	C4_2
	PAGE 3 / 5 STUDER CHANNEL FRONT BOARD SC 1.940.754.00

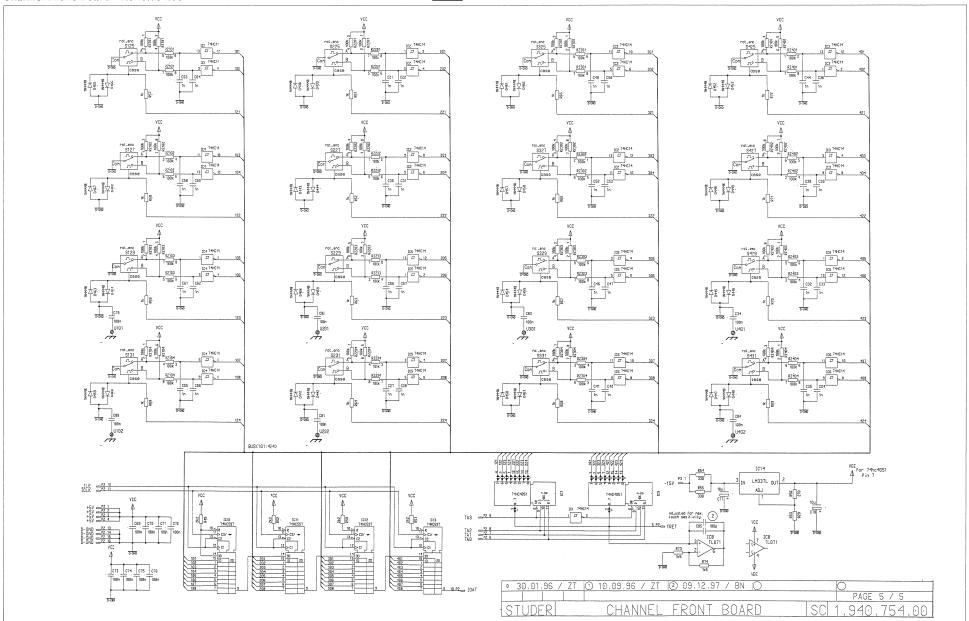
STUDER

A

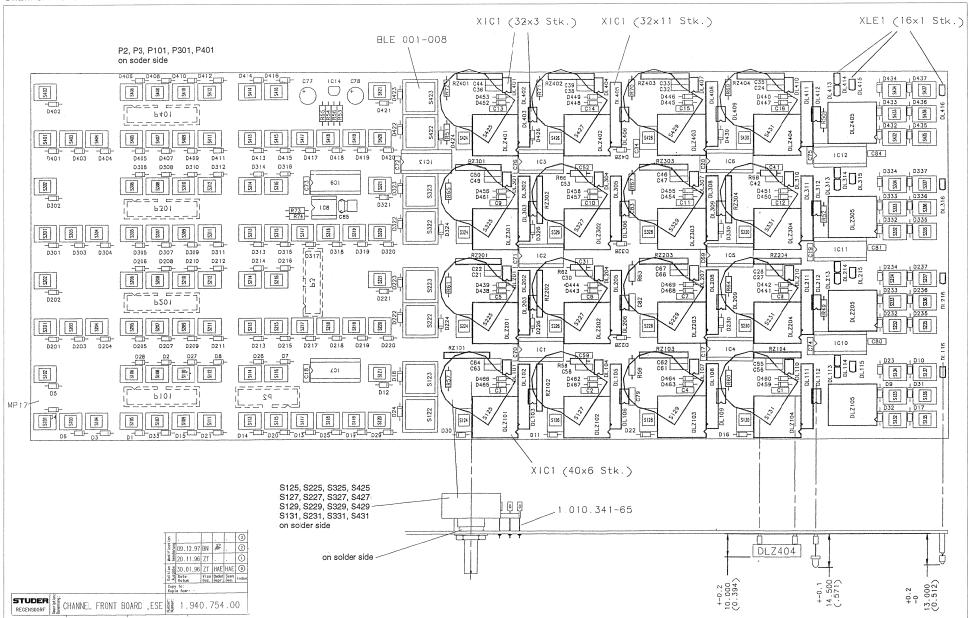
SO_3 = P301	S301	\$383	8382	S324	8326	S328	\$330
	3 24	\$303 3	\$382 3 0 4	\$324 3 🕅 4	300	eno	4
page 2	dif/grn	dif/grn	dif/yet	dif/yet	dif/yet	diF/yel	diF/u
S1_3 ⇔ P3G1 2	8304	8385	\$306	DL381	DL304	DL387	DL310
	31307	3 124	3000	201	2 1	2 1 1	-Z
0201 2	dif/grn	dif/yet	diF/yet	grn/red	grn/red	grn/red	grn/r
S2_3 = P381 3	\$312	\$308	\$316	0L301	DL 304	DL 307	DL31
	30312	300	3 1/4	3 1	307	3 1	300
eo oP301_4	diF/wel	diF/yel	diF/ned	grn/red	grn/red	grn/red	grn/r
S3_3 ⇔ P301 4	S318	S334	\$337	DL303	DL386	DL369	DL31
	3 4	3 4	3131	21303	2 1	2 1	- Z
0201 5	dif/uel	dif/uel	uel/uel	grr/red	grn/nec	grn/red	grn/i
S4_3 — P301 5	\$317	6222	0225	01.202	DI 300	DL 309	DI 21
	331/	\$332 3 1 4	S335 3 4	DL303	0L306	303	DL3
	dif/yet	dif/grn	dif/grn	gnr/ned	grn/red	grn/red	grn/i
\$5_3 ⇔P301 6	0040	0000	\$309	01.000	01.005	DL3G8	DL3
	S319 3 2 4	\$320 3 24	309	DL302	DL385	2 1	
2004 7	dif/yet	red/red	diF/get	ner S1	ner 5	uel	ue.
\$6_3 P381_7	\$314	S318	8321	DL 302	DL305	DL308	DL3
	3 17	304	3 4	4 3 3	4043	1 300	L-412
2224	dif/red	dif/yet	yet/yet	4 P 13	yet yet	uel	ųe
S7_3 ⇒ P3G1 8	S323	C222	C211	DL302	01.205	DL388	7
	4 3	\$322 4 3	S311 3 H	6 5	0L305	6 5	0L3
S8_3 = P301 9	dif/yel	diF/grn	diF/uel	per 5	ner	yel	ne P
S8_3 = P301 9	S323	\$322	8336	DI 202	DL305	DL3G8	DL3
	500	5522	300	0L302	80303	80300	-80
9201 10	dif/yel	dif/grn	diF/grn	uel	uel .	yel	ů.
S9_3 == P301 10	\$323	\$322	\$387	01.302	DL305	DL398	DL3
	7 2 8	7018	304	10 302	10 19	10 9	10
P201 11	diF/yet	dif/orn	dif/yel	yet	yet	uel	Ü UE
S10_3 = P381 11	5323	\$322	8313	01302	01.305	DI 308	DL3
	5323 10 7 9	10 19	\$313 3 4	0L302	DL 305	DL 308	0L3
S11_3 == P381 12	dif/yet	diF/grn	red/red	jel	uel	"uet"	U6
S11_3 = 1001 IL	\$315	8333	DL 313	DI 382	01.305	DL308	DL3
	<u> </u>	\$333 3 1	DL313	DL382	DL 305	14 13	14/2
S12_3 ⇒ P3B1 13	red/red	dif/grn	uel/dif	"el"	yel	yet	UE
316_3 -	DL314	DL 315	DL 316	DL302	DL 305	DL398	DL3
	L, 🖔	L-13-	-,D)	16 15	16 115	16 15	کاریا
S13_3 == P301 14	uet/dif	grn/dif	wel/dif	jel	yel	uel	
013_3 ===================================				DL302	DL 305	DL308	DL3
				18 217	18 17	10 17	DL3
\$14_3 P3B1 15				jel	yel	yel	Ue
J1 1_3				DL302	DL 395	DL398	OL3
				29 19	20 15	20 19	0L3
S15_3 ⇔ ^{P3B1} 16				jet	yel	uel	Ue
313_3 👄				DL302	DL 395	DL308	DL3
				22 721	DL 395	DL308	DL3
				Jel	uel	yel	UE
	11	92	5	1 28	12 1	- 52	
	2	P381	183	P381	P381	P301	
	U C4_3	0 C5_3	C6_3	C0_3	0 C1_3	C2_3	

12.00							
S0_4 ⇒ P4B1				•	•	•	
3021	S4 <u>0</u> 1	S4Q3	S492	S421	S426	\$428	S43G
	3 4 dif/grn	3 4 dif/grn	3 4 diF/yet	3 H dif/Let	3 4 dif/yet	3 4 eng	3 4 lang dif/yet
\$1_4 <u>= P4B1_2</u>		-	•	•	· -		1
	\$101 3 H	\$405 3 2 4	\$496 3 4	DL 461	DL404	0L487	0L410
	3 □ 4 dif/grn	diF/yet	dif/yet	grn/red	grn/red	grn/red	grn/red
\$2_4 <u>P401_3</u>	5412	CANE	\$416	Dt 401	DL181	DL 407	DL410
	S412 3 4 dif/yel	S408 3 4 dif/yet	3014	DL 401	3/3	3 1	301
\$3_4 = P461 4	dif/yel	dif/uel	dif/red	grn/red	grn/red	grn/red	grn/red
33_1	S418	S434	\$437	DL 463	DL 106	OL 109	0L412
	S418 3 dif/yet	S434 3 4 dif/yet	\$437 3 4 uel/uel	2 1 grn/red	2 1 grn/red	2 1 grn/red	2 1 1 grn/red
\$4_4 <u>P401 5</u>		•	-	-	•	,	٦
	S417 3 7 4	\$432 3 1 4	\$435 3 1 4	0L403	DL 406	DL 409	0L112
	3 4 dif/yet	dif/grn	dif/grn	grn/red	grn/red	grn/red	grn/red
S54 ⇒P401 6	\$419	0420	\$489	DL402	DL 405	DL 4G8	DL 411
	3 4	\$420 3 1 4	3 4 dif/yet	201	201	-213	<u> </u>
36_4 P481_7	diF/yet	red/red	dif/yel	uel	uel	uet ,	uel
30_1	S414	5410	S421	DL 482	DL 105	DL 498	DL411
	3 4 dif/red	3 4 dif/yet	3 4 uel/yel	4 A get	DL 405	0L498	0L411 4 3
37_4 = P401 8		-		-			٦
	\$423 4 2 3	\$422 4 3	S411 3 × 4	DL 402	0L405 6 5	DL 408	0L411 6 5 5
	dif/yet	dif/orn	dif/yet	6 VI 5	6 vel	6 Uel	5 vel
S8_4 ⇔P401 9	6422	C422	S436	DI 432	DL 485	DI 408	DI 411
	\$423 5 6 diF/yet	\$422 5 6	3 4 dif/grn	0L 492	- D	DL 408	DL411
S9_4 ⇒ ^{P401} 10	dif/yel	dif/grn	dif/grn	uel	yet	yel	uet'
33_1	\$423	S422	S4 <u>9</u> 7	DL 432	DL 405	DL 108	DL411
	S423 7 8 dif/yet	8422 7 8 dif/grn	\$467 3 4 dif/yet	10 9 uel	0L 105 10 9 yel	10 9 get	0L411 16 9
S10_4 = P491 11			-	-	+	-	- I
	\$423 10 9	\$422 18 9	S413	DL 492	DL 405	DL 408	DL 911
	10 19 dif/yet	dif/grn	red/red	12 UEL	12 11 yel	12 11 yel	12 111 uel
S11_4 = P401 12	\$415	\$433	DL 413	DI 402	DL 485	DL 498	DI 411
	<u> </u>	\$433 3 3 4	1 2 uel/dif	DL 492	DL 195	0L408	DL 411
\$12_4 = P401 13	red/red	diF/grn	uel/dif	yel	yel	yel	yel
0.22.	DL414	0L415	OL 416	0L 402	0L 405	DL 498	DL 411
	1 2 yel/dif	grn/dif	0L416 1 2 yet/dif	16 15 yel	16 15 uel	16 15 yel	16 15 yel
\$13_4 = P401 14		• • • • • • • • • • • • • • • • • • • •	•	•	-	•	n
				0L492	DL 405	DL 408	DL 111
0.401 15				18 - 17 yet	uel uel	ner 1811	18 - 17 get
\$14_4 = P401 15				DL 492	DL 405	DL 408	DL411
				DL 102	DL 405	DL 488	DL 4111
S15_4 = P401 16				uel "	yel	yel	yel
				DL 492	DL 105	DL 408	DL 411
				22 21 uel	22 21 uel	22 21 yel	ZZ Z1 uel
	E	92	55	82	2	23	π n
	P481	P481	P-401	184	P481	P-26	<u> </u>
	Đ	ŤÓ	U -	_[] C0_4	U	_0	U
	C4_4	C5_4	C6_4	UU_4	C1_4	C2_4	C3_4
0 30.01.96 / ZT ① 10.0	9.96 / ZT (09,12,9	7 / BN O				
						PAGE 4 /	
STUDER CI	HANNEL_	FRONT	BOARD		SC 1.5	940.75	4.00





STUDER







DESCRIPTION OF SECTION	55.15.0799 55.15.0799		BLENDE TRANSPARENT FARBLOS	0	D 8	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
D BLE 2 D BLE 3 D BLE 4 D BLE 5 D BLE 6								134, 1301114, 4113, 130-33
BLE 4 BLE 5 BLE 6	EE 4E 0700		BLENDE TRANSPARENT FARBLOS	0	D 9	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
BLE 5	55.15.0799		BLENDE TRANSPARENT FARBLOS	0	D 10	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
BLE 6	55.15.0799		BLENDE TRANSPARENT FARBLOS	0	D 11	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
	55.15.0799		BLENDE TRANSPARENT FARBLOS	0	D 12	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
) DIE 7	55.15.0799		BLENDE TRANSPARENT FARRI OS	0	D 13	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
J DLE /	55.15.0799		BLENDE TRANSPARENT FARBLOS	0	D 14	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
D BLE 8	55.15.0799		BLENDE TRANSPARENT FARBLOS	0	D 15	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
				0	D 16	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C1	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 17	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C2	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 18	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C3	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 19	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C4	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 20	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 ·C5	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 21	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
	59.06.0104	100n	PETP, 63V, 10%, RM5	ō	D 22	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
		100n	PETP, 63V, 10%, RM5	0	D 23	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C7	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 24	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C8	59.06.0104			0	D 25			
0 C9	59.06.0104	100n	PETP, 63V, 10%, RM5			50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 10	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 26	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 11	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 27	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 12	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 28	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 13	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 29	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 14	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 30	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 15	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 31	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 16	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 32	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 17	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 33	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 18	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 201	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 19	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 202	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 20	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 203	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
		1n0	PETP, 63V, 10%, RM5	0	D 203	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 21	59.06.0102	1n0 1n0	PETP, 63V, 10%, RM5	0	D 204 D 205	50.04.0125	1N4446 1N4448	75V, 150mA, 4ns, DO-35
0 C 22	59.06.0102			0			1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35
0 C 24	59.06.0102	1n0	PETP, 63V, 10%, RM5		D 206	50.04.0125		
0 C 27	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 207	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 28	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 208	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 30	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 209	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 31	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 210	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 32	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 211	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 33	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 212	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 34	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 213	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 35	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 214	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 36	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 215	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C38	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 216	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 39	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 217	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
		1n0	PETP, 63V, 10%, RM5	0	D 218	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 219	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 42	59.06.0102		PETP, 63V, 10%, RM5	0	D 219			
0 C 44	59.06.0102	1n0		_		50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 46	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 221	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 47	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 222	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 49	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 223	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 50	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 224	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 52	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 226	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 53	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 228	50,04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 55	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 230	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 56	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 232	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 58	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 233	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 59	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 234	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 61	59,06,0102	1n0	PETP, 63V, 10%, RM5	0	D 235	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 62	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 236	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 63	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 237	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 64	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 301	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 066	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 302	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 67	59.06.0102	1n0	PETP, 63V, 10%, RM5	0	D 303	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
		100n	PETP, 63V, 10%, RM5	0	D 304	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
	59.06.0104			0	D 305	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 70	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 306	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C71	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 307	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 72	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 308	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35
0 C 73	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 309			
0 C 74	59.06.0104	100n	PETP, 63V, 10%, RM5			50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 75	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 310	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 76	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 311	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 77	59.30.6100	10u	TA, 20%, 35V	0	D 312	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 78	59.30.6100	10u	TA, 20%, 35V	0	D 313	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 79	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 314	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 80	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 315	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 81	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 316	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 82	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 317	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 83	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 318	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 C 84	59.06.0104	100n	PETP, 63V, 10%, RM5	0	D 319	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
1 C 85	59.34.4101	100p	CER 63V, 5%, N750	0	D 320	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
-		- 1-		0	D 321	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 D1	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	D 322	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 D2	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	D 323	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
			75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0	D 324	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 D3	50.04.0125	1N4448		0	D 326	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 D4	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	D 328	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0 D5 0 D6	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	D 330	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0	D 332	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35





dx	Pos.	Part No. Qty	. Type/Val.	Description	ldx	Pos.	Part No. Qty.	Type/Val.	Description
0	D 333	50.04,0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 201	50.04.2203		DL VRGB - 3312 X RT/GN
	D 334	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 202	50.04.2812		DLZ 11*D GB
	D 335	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 203	50.04.2203		DL VRGB - 3312 X RT/GN
	D 336	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 203 DL 204	50.04.2203		DL VRGB - 3312 X RT/GN
	D 337	50.04.0125	1N4446 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0	DL 204 DL 205			
	D 401	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0		50.04.2812		DLZ 11*D GB
	D 402	50.04.0125	1N4448			DL 206	50.04.2203		DL VRGB - 3312 X RT/GN
	D 403			75V, 150mA, 4ns, DO-35	0	DL 207	50.04.2203		DL VRGB - 3312 X RT/GN
	D 404	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 208	50.04.2812		DLZ 11*D GB
		50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 209	50.04.2203		DL VRGB - 3312 X RT/GN
	D 405	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 210	50.04.2203		DL VRGB - 3312 X RT/GN
	D 406	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 211	50.04.2812		DLZ 11*D GB
	D 407	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 212	50.04.2203		DL VRGB - 3312 X RT/GN
	D 408	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 213	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT
	D 409	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 214	50,04.2133	TLUY 2401	DL TLUY 2401 GB MATT
	D 410	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 215	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT
	D 411	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 216	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT
	D 412	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 301	50.04.2203		DL VRGB - 3312 X RT/GN
	D 413	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 302	50.04.2812		DLZ 11*D GB
	D 414	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 303			
	D 415	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0		50.04.2203		DL VRGB - 3312 X RT/GN
	D 416					DL 304	50.04.2203		DL VRGB - 3312 X RT/GN
	D 417	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 305	50.04.2812		DLZ 11*D GB
		50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 306	50.04.2203		DL VRGB - 3312 X RT/GN
	D 418	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 307	50.04.2203		DL VRGB - 3312 X RT/GN
	D 419	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 308	50.04.2812		DLZ 11*D GB
	D 420	50.04,0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 309	50.04.2203		DL VRGB - 3312 X RT/GN
	D 421	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 310	50,04.2203		DL VRGB - 3312 X RT/GN
	D 422	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 311	50.04.2812		DLZ 11*D GB
	D 423	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 312	50.04.2203		DL VRGB - 3312 X RT/GN
	D 424	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 313	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT
	D 426	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 314	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT
	D 428	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 315	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT
	D 430	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 316	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT
	D 432	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 401	50.04.2133	.25. 2701	DL VRGB - 3312 X RT/GN
	D 433	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0		50.04.2812		DLZ 11*D GB
	D 434	50.04.0125	1N4448			DL 402			
	D 435			75V, 150mA, 4ns, DO-35	0	DL 403	50.04.2203		DL VRGB - 3312 X RT/GN
		50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 404	50.04.2203		DL VRGB - 3312 X RT/GN
	D 436	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 405	50.04.2812		DLZ 11*D GB
	D 437	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 406	50.04.2203		DL VRGB - 3312 X RT/GN
	D 438	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 407	50.04.2203		DL VRGB - 3312 X RT/GN
	D 439	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 408	50.04.2812		DLZ 11*D GB
	D 440	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 409	50.04.2203		DL VRGB - 3312 X RT/GN
	D 441	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0.	DL 410	50.04.2203		DL VRGB - 3312 X RT/GN
	D 442	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 411	50.04.2812		DLZ 11*D GB
	D 443	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 412	50.04.2203		DL VRGB - 3312 X RT/GN
	D 444	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 413	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT
	D 445	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 414	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT
	D 446	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DL 415	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT
	D 447	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0			TLUY 2401	DL TLUY 2401 GB MATT
	D 448	50.04.0125	1N4448			DL 416	50.04.2133		
	D 449	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 101	73.01.0406	4digit	5*7 Dot matrix display
	D 450	50.04.0125		75V, 150mA, 4ns, DO-35	0	DLZ 102	73.01 0406	4digit	5*7 Dot matrix display
	D 450		1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 103	73.01.0406	4digit	5*7 Dot matrix display
		50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 104	73.01.0406	4digit	5*7 Dot matrix display
	D 452	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 105	73.01.0406	4digit	5*7 Dot matrix display
	D 453	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 201	73,01.0406	4digit	5*7 Dot matrix display
	D 454	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 202	73.01.0406	4digit	5*7 Dot matrix display
	D 455	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 203	73.01.0406	4digit	5*7 Dot matrix display
	D 456	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 204	73.01.0406	4digit	5*7 Dot matrix display
	D 457	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 205	73,01.0406	4digit	5*7 Dot matrix display
	D 458	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 301	73.01.0406	4digit	5*7 Dot matrix display
	D 459	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 302	73.01.0406	4digit	5*7 Dot matrix display
	D 460	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 303	73.01.0406	4digit	5*7 Dot matrix display
	D 461	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 304	73.01.0406	4digit	5*7 Dot matrix display
	D 462	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 305	73.01.0406	4digit	5*7 Dot matrix display
	D 463	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 401	73.01.0406	4digit	5*7 Dot matrix display
	D 464	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 402	73.01.0406	4digit	5*7 Dot matrix display
	D 465	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 403	73.01.0406	4digit	5*7 Dot matrix display
	D 466	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	DLZ 404	73.01.0406	4digit	5*7 Dot matrix display
	D 467	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	. 0	DLZ 405	73.01.0406	4digit	5*7 Dot matrix display
	D 468	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	. 0	IC 1	50.17.1014	74HC14	
	D 469	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	IC 2	50.17.1014	74HC14	IC 74 HC 14 ., ,A
				, ,	0	IC 3			IC 74 HC 14 ., ,A
	DL 101	50.04.2203		DL VRGB - 3312 X RT/GN		IC 3	50.17.1014	74HC14	IC 74 HC 14 ., ,A
	DL 102	50.04.2812		DLZ 11*D GB	0		50.17.1014	74HC14	IC 74 HC 14 ., ,A
	DL 102 DL 103	50.04.2203			0	IC 5	50.17.1014	74HC14	IC 74 HC 14 ., ,A
	DL 103 DL 104			DL VRGB - 3312 X RT/GN	0	IC 6	50.17.1014	74HC14	IC 74 HC 14 ., ,A
		50.04.2203		DL VRGB - 3312 X RT/GN	0	IC 7	50.17.4051		IC 74 HC 4051 ., ,A
	DL 105	50.04.2812		DLZ 11*D GB	0	IC 8	50.09.0103	TL071	IC TL 071 CP, ,A
	DL 106	50.04.2203		DL VRGB - 3312 X RT/GN	0	IC 9	50,17.4051		IC 74 HC 4051 ., ,A
	DL 107	50.04.2203		DL VRGB - 3312 X RT/GN	0	IC 10	50.17.1597	74HC597	IC 74 HC 597 ., ,A
	DL 108	50.04.2812		DLZ 11*D GB	0	IC 11	50.17.1597	74HC597	IC 74 HC 597 ., ,A
	DL 109	50.04.2203		DL VRGB - 3312 X RT/GN	0	IC 12	50.17.1597	74HC597	IC 74 HC 597 ., ,A
	DL 110	50.04.2203		DL VRGB - 3312 X RT/GN	0	IC 13	50.17.1597	74HC597	IC 74 HC 597 ., ,A
	DL 111	50.04.2812		DLZ 11*D GB	0	IC 14	50.10.0109	LM337L	IC LM 337 LZ,
	DL 112	50.04.2203		DL VRGB - 3312 X RT/GN	•		23.10.0100	2.7.007 L	
	DL 113	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT	0	MP 1	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1
	DL 114	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT	0	MP 2	1.010.091.23 mp		
		50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT		MP 3	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1 DISTANZSCHEIBE D 9.0/12* 1
	DL 115				0				





dx Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No. Qty.	Type/Val.	Description
0 MP5	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 121	55.15.0644	1*a	S TASTE 1*A, 5MM, GB/GB
0 MP6	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 122	55.15.0705	1*a	S TASTE 1*A, 12MM, GN/TRANS
0 MP 7	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 123	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS
0 MP8	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 124	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 MP9	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 125	1.940.751.02		ROTARY ENCODER
0 MP 10	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 126	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 MP 11	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 127	1.940.751.02		ROTARY ENCODER
0 MP 12	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 128	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 MP 13	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 129	1.940.751.02		ROTARY ENCODER
0 MP 14	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 130	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS ROTARY ENCODER
0 MP 15 0 MP 16	1.010.091.23 mp		DISTANZSCHEIBE D 9.0/12* 1.2	0	S 131 S 132	1.940.751.02 55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 MP 16 0 MP 17	1.010.091.23 mp 1.940.751.11 mp		DISTANZSCHEIBE D 9.0/12* 1.2 CHANNEL FRONT PCB //\	0	S 132	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 MP 18	43.01.0108 mp	Label	ESE-WARNSCHILD	0	S 133	55.15.0622	1*a	S TASTE 1*A, 5MM, RT/RT
0 MP 19	1.950.754.04 mp	Laber	NR. ETIKETTE 5 * 20	0	S 135	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
				0	S 136	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 P2	54.14.2002	16p	1/20" Au, gerade, ohne Verrieg	0	S 137	55.15.0644	1*a	S TASTE 1*A, 5MM, GB/GB
0 P3	54.16.0534	34p	P 1/40", 34 P, AU, PRINT	0	S 201	55,15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 P 101	54,16.0540	40p	P 1/40", 40 P, AU, PRINT	0	S 202	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 P 201	54.16.0540	40p	P 1/40", 40 P, AU, PRINT	0	S 203	55.15.0605	1 * a	S TASTE 1*A, 5MM, GN/TRANS
0 P 301	54.16.0540	40p	P 1/40", 40 P, AU, PRINT	0	S 204	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 P 401	54.16.0540	40p	P 1/40", 40 P, AU, PRINT	0	S 205	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
				0	S 206	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R 49	57.11.3222	2k2	MF, 1%, 0207	0	S 207	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R 50	57.11.3222	2k2	MF, 1%, 0207	0	S 208	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R 51	57.11.3222	2k2	MF, 1%, 0207	0	S 209	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 R 52	57.11.3222	2k2	MF, 1%, 0207	0	S 210	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 R 53	57.11.3821	820R	MF, 1%, 0207	0	S 211	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 R 54	57.11.3331	330R	MF, 1%, 0207	0	S 212	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 R 55	57.11.3331	330R	MF, 1%, 0207	0	S 213	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS
0 R 56	57.11.3271	270R	MF, 1%, 0207	0	S 214	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 R 57	57.11.3102	1k0	MF, 1%, 0207	0	S 215	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS
0 R 58	57.11.3102	1k0	MF, 1%, 0207	0	S 216	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 R 59	57.11.3102	1k0	MF, 1%, 0207	0	S 217 S 218	55.15.0604 55.15.0604	1*a 1*a	S TASTE 1*A, 5MM, GB/TRANS S TASTE 1*A, 5MM, GB/TRANS
0 R 60	57.11.3102	1k0	MF, 1%, 0207	0	S 219	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R 61 0 R 62	57.11.3102	1k0	MF, 1%, 0207	0	S 220	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R 62 0 R 63	57.11.3102 57.11.3102	1k0 1k0	MF, 1%, 0207	0	S 221	55.15.0644	1*a	S TASTE 1*A, 5MM, GB/GB
0 R 64	57.11.3102	1k0	MF, 1%, 0207 MF, 1%, 0207	0	S 222	55.15.0705	1*a	S TASTE 1*A, 12MM, GN/TRANS
0 R 65	57.11.3102	1k0	MF, 1%, 0207 MF, 1%, 0207	0	S 223	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS
0 R 66	57.11.3102	1k0	MF, 1%, 0207	0	S 224	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R 67	57.11.3102	1k0	MF, 1%, 0207	0	S 225	1.940.751.02		ROTARY ENCODER
0 R 68	57.11.3102	1k0	MF, 1%, 0207	0	S 226	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R 69	57,11,3102	1k0	MF, 1%, 0207	0	S 227	1.940.751.02		ROTARY ENCODER
0 R 70	57.11.3102	1k0	MF, 1%, 0207	0	S 228	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R71	57.11.3102	1k0	MF, 1%, 0207	0	S 229	1.940.751.02		ROTARY ENCODER
0 R 72	57,11.3102	1k0	MF, 1%, 0207	0	S 230	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 R 73	57.11.3152	1k5	MF, 1%, 0207	0	S 232	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 R 74	57.11.3152	1k5	MF. 1%, 0207	0	S 233	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
				0	S 234	55.15.0622	1*a	S TASTE 1*A, 5MM, RT/RT
0 RZ 101	57.88.2104	4*100k	2%, SIP 8	0	S 235	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 RZ 102	57.88.2104	4*100k	2%, SIP 8	0	\$ 236	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 RZ 103	57.88.2104	4*100k	2%, SIP 8	0	S 237	55.15.0644	1*a	S TASTE 1*A, 5MM, GB/GB
0 RZ 104	57.88.2104	4*100k	2%, SIP 8	0	S 301 S 302	55.15.0605 55.15.0604	1*a 1*a	S TASTE 1*A, 5MM, GN/TRANS S TASTE 1*A, 5MM, GB/TRANS
0 RZ 201 0 RZ 202	57.88.2104	4*100k 4*100k	2%, SIP 8	0	S 303	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 RZ 203	57.88.2104	4*100k	2%, SIP 8 2%, SIP 8	0	S 304	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 RZ 204	57.88.2104 57.88.2104	4*100k	2%, SIP 8	0	S 305	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 RZ 301	57.88.2104	4*100k	2%, SIP 8	0	S 306	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 RZ 302	57.88.2104	4*100k	2%, SIP 8	0	S 307	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 RZ 303	57.88.2104	4*100k	2%, SIP 8	0	S 308	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 RZ 304	57.88.2104	4*100k	2%, SIP 8	0	S 309	55,15,0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 RZ 401	57.88.2104	4*100k	2%, SIP 8	0	S 310	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 RZ 402	57.88.2104	4*100k	2%, SIP 8	0	S 311	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 RZ 403	57.88.2104	4*100k	2%, SIP 8	0	S 312	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 RZ 404	57,88.2104	4*100k	2%, SIP 8	0	8 313	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS
0 0 101			0 74075 444 5444 644754440	0	S 314	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 S 101	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS	0	S 315 S 316	55.15.0602 55.15.0605	1*a 1*a	S TASTE 1*A, 5MM, RT/TRANS S TASTE 1*A, 5MM, GN/TRANS
0 S 102 0 S 103	55.15.0604 55.15.0605	1*a	S TASTE 1*A, 5MM, GB/TRANS	0	S 317	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 S 103 0 S 104	55.15.0605	1*a 1*a	S TASTE 1*A, 5MM, GN/TRANS S TASTE 1*A, 5MM, GN/TRANS	0	S 318	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 S 105	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS	0	S 319	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 S 106	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS	0	S 320	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 S 107	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS	0	S 321	55.15.0644	1*a	S TASTE 1*A, 5MM, GB/GB
0 S 108	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS	0	S 322	55.15.0705	1*a	S TASTE 1*A, 12MM, GN/TRANS
0 S 109	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS	0	S 323	55.15.0704	1*a	S TASTE 1*A, 12MM, GB/TRANS
0 \$110	55.15.0605	1*a	S TASTE 1"A, 5MM, GN/TRANS	0	3 324	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 S 111	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS	0	S 326	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 S 112	55,15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS	0	S 328	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 S 113	55,15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS	0	S 330	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0 S 114	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS	0	S 332	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 S 115	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS	0	S 333	55.15.0605 55.15.0622	1*a	S TASTE 1*A, 5MM, GN/TRANS
0 S 116	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS	0	S 334	55.15.0622 55.15.0605	1*a 1*a	S TASTE 1*A, 5MM, RT/RT
0 S 117 0 S 118	55,15,0604 55,15,0604	1*a	S TASTE 1*A, 5MM, GB/TRANS	0	S 335 S 336	55.15.0605 55.15.0605	1*a 1*a	S TASTE 1*A, 5MM, GN/TRANS S TASTE 1*A, 5MM, GN/TRANS
0 S 118 0 S 119	55.15.0604 55.15.0604	1*a 1*a	S TASTE 1*A, 5MM, GB/TRANS S TASTE 1*A, 5MM, GB/TRANS	0	S 337	55.15.0644	1*a	S TASTE 1*A, 5MM, GB/GB
	aa. 15.U0U4	l d	S TASTE LA. SIVIVI. GB/TRANS	U	0 001	JJ. 1J.UU44	10	O INDIE IA, DIVIN, GOIGE

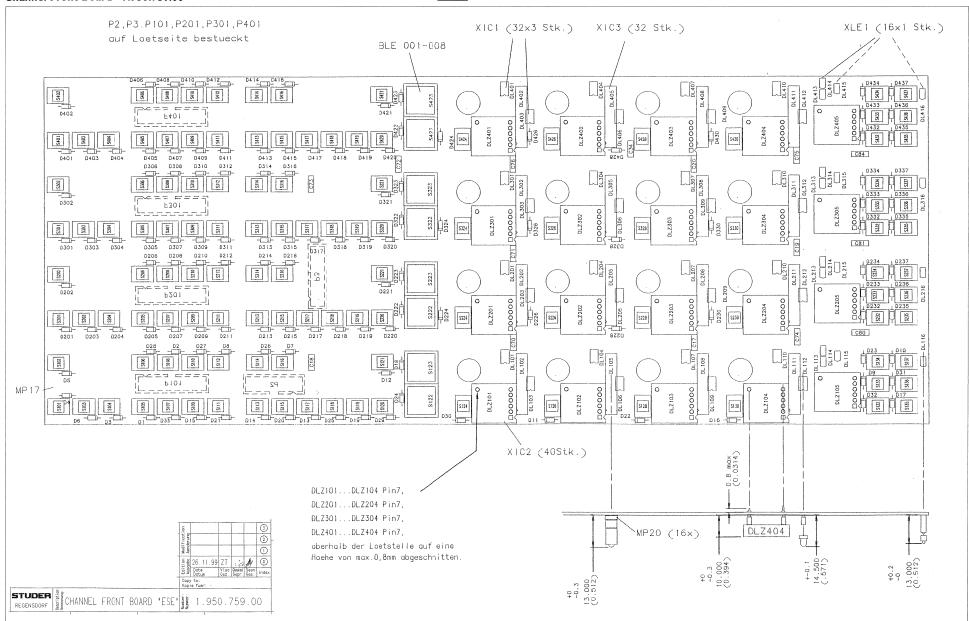




ldx	Pos.	Part No.	Qty. Type/Va	II. Description
0	S 402	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 403	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 404	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 405	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 406	55.15,0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 407	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 408	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 409	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 410	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 411	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 412	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 413	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS
0	S 414	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 415	55.15.0602	1*a	S TASTE 1*A, 5MM, RT/TRANS
0	S 416	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 417	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 418	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 419	55,15,0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 420	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 421	55,15,0644	1*a	S TASTE 1*A, 5MM, GB/GB
0	S 422	55,15,0705	1*a	S TASTE 1*A, 12MM, GN/TRANS
0	S 423	55,15,0704	1*a	S TASTE 1*A, 12MM, GB/TRANS
0	S 424	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 426	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 428	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 430	55,15,0604	1*a	S TASTE 1*A, 5MM, GB/TRANS
0	S 431	1.940.751.02		ROTARY ENCODER
0	S 432	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 433	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 434	55.15.0622	1*a	S TASTE 1*A, 5MM, RT/RT
0	S 435	55,15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 436	55.15.0605	1*a	S TASTE 1*A, 5MM, GN/TRANS
0	S 437	55.15.0644	1*a	S TASTE 1*A, 5MM, GB/GB
0	XIC 1	53.03.0218	1p	single-in-line
0	XLE 1	53.03.0240		XLED SINGLE LINE, 2 POL. PRIN
			End of I	List

Comments
C85 has been changed to 100pF. Parallel cap to C85 for proper touch sensitivity is factory adjusted.





STUDER



Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
BLE 1		.,,					PRI (150) () PRI 05	0 DI 103	50 04 2203		DI VRGB - 3312 X RT/GN	0 DLZ 303	73.01.0406	4digit	5*7 Dot matrix display
E1 E2	55.15.0799	neutral	Blende transparent Blende transparent	0 D 223	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 103 0 DL 104	50.04.2203		DL VRGB - 3312 X RT/GN DL VRGB - 3312 X RT/GN	0 DLZ 304	73.01.0406	4digit	5*7 Dot matrix display
E2 E3	55.15.0799 55.15.0799	neutral neutral	Blende transparent	0 D 224 0 D 226	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35	0 DL 104	50.04.2213	11*yel	LED-Bargraph 11*vellow	0 DLZ 305	73.01.0406	4digit	5*7 Dot matrix display
	55.15.0799 55.15.0799	neutrai neutrai	Blende transparent		50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 108	50.04.2012	i i yei	DL VRGB - 3312 X RT/GN	0 DLZ 401	73.01.0406	4digit	5*7 Dot matrix display
E 4 E 5	55.15.0799	neutrai	Blende transparent	0 D 228 0 D 230	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 107	50.04.2203		DL VRGB - 3312 X RT/GN	0 DLZ 402	73.01.0406	4digit	5*7 Dot matrix display
= 5 = 6	55.15.0799	neutral	Blende transparent	0 D 230	50.04.0125	11/4448	75V, 150mA, 4ns, DO-35	0 DL 108	50.04.2812	11*vel	LED-Bargraph 11*yellow	0 DLZ 403	73.01.0406	4digit	5*7 Dot matrix display
: o : 7	55.15.0799	neutral	Blende transparent	0 D 232	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 109	50.04.2203	i i yei	DL VRGB - 3312 X RT/GN	0 DLZ 404	73.01.0406	4digit	5*7 Dot matrix display
	55.15.0799		Blende transparent		50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 109	50.04.2203		DL VRGB - 3312 X RT/GN	0 DLZ 405	73.01.0406	4digit	5*7 Dot matrix display
8	55.15.0799	neutral	Diende transparent	0 D 234		1N4448 1N4448		0 DL 111	50.04.2812	11*vel	LED-Bargraph 11*yellow				
7	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 235	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35	0 DL 111	50.04.2012	i i yei	DL VRGB - 3312 X RT/GN		1.940.751.11 mp		CHANNEL FRONT PCB
8	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 236 0 D 237	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 112	50.04.2203	TLUY 2401		0 MP 18	43.01.0108 mp	Label	ESE-WARNSCHILD
9	59.06.0104	100n	PETP, 63V, 10%, RM5					0 DL 113	50.04.2133		DL TLUY 2401 GB MATT	0 MP 19	1.950.759.10 mp		NR. ETIKETTE 5 * 20
10	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 301	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 114	50.04.2133		DL TLUG 2401 GN MATT	0 MP 20	1.950.754.01 16 pcs		UNTERLAGE
34	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 302	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 115	50.04.2132		DL TLUY 2401 GR MATT	0 P2	54.14.2002	16p	1/20" Au, gerade, ohne V
9	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 303	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 116	50.04.2133	TEG T 2401	DL VRGB - 3312 X RT/GN	0 P3	54.16.0534	34p	1/40" PCB-con male. Au
0	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 304	50.04.0125	1N4448	, , , , , , , , , , , , , , , , , , , ,	0 DL 202	50.04.2812	ddtool	LED-Bargraph 11*vellow	0 P 101	54.16.0540	40p	1/40" PCB-con male, Au
1	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 305	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 202	50.04.2012	11*yel	DL VRGB - 3312 X RT/GN	0 P 201	54.16.0540	40p	1/40" PCB-con male, Au
2	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 306	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 203			DL VRGB - 3312 X RT/GN	0 P 301	54.16.0540	40p	1/40" PCB-con male, Au
3	59.06.0104	100n	PETP. 63V. 10%, RM5	0 D 307	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 204	50.04.2203 50.04.2812	***	LED-Bargraph 11*yellow	0 P 401	54.16.0540	40p	1/40" PCB-con male, Au
4	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 308	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35			11*yel		0 1 401	34.10.0340	40p	1740 F CD-Coll Illaie, Au
5	59.06.0104	100n	PETP. 63V. 10%, RM5	0 D 309	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 206	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 101	55.15.0605	1*a	Switch 5mm, grn/transp
6	59.06.0104	100n	PETP. 63V. 10%, RM5	0 D 310	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 207	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 102	55.15.0604	1*a	Switch 5mm, yel/transpa
0	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 311	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 208	50.04.2812	11*yel	LED-Bargraph 11*yellow	0 S 103	55.15.0605	1*a	Switch 5mm, grn/transp
1	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 312	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 209	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 104	55.15.0605	1*a	Switch 5mm, grn/transp
4	59.06.0104	100n	PETP, 63V, 10%, RM5	0 D 313	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 210	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 105	55.15.0604	1*a	Switch 5mm, yel/transp
•	30.00.010#	10011	, E., , 000, 1070, 1080	0 D 314	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 211	50.04.2812	11*yel	LED-Bargraph 11*yellow	0 S 106	55.15.0604	1*a	Switch 5mm, yel/transp
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 315	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 212	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 107	55.15.0604	1*a	Switch 5mm, yel/transpi
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 316	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 213	50.04.2133		DL TLUY 2401 GB MATT	0 5 108	55 15 0604	1*a	Switch 5mm, yel/transpa
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 317	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 214	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT	0 S 109	55.15.0605	1*a	Switch 5mm, grn/transp
	50.04.0125	1N4448	75V. 150mA, 4ns, DO-35	0 D 318	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 215	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT	0 S 109	55.15.0605	1"a 1*a	Switch 5mm, gri/transp
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 319	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 216	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT	0 S110	55.15.0605	1*a 1*a	Switch 5mm, gm/transp
	50.04.0125	1N4448	75V. 150mA, 4ns. DO-35	0 D 320	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 301	50.04.2203		DL VRGB - 3312 X RT/GN	0 S111	55.15.0605	1*a 1*a	Switch 5mm, gm/transp
	50.04.0125	1N4448	75V. 150mA. 4ns. DO-35	0 D 321	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 302	50.04.2812	11*yel	LED-Bargraph 11*yellow				
	50.04.0125	1N4448	75V. 150mA, 4ns. DO-35	0 D 322	50.04.0125	1N4448	75V. 150mA. 4ns. DO-35	0 DL 303	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 113	55.15.0602	1*a	Switch 5mm, red/transp
	50.04.0125	1N4448	75V. 150mA. 4ns. DO-35	0 D 323	50.04.0125	1N4448	75V 150mA 4ns DO-35	0 DL 304	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 114	55.15.0605	1*a	Switch 5mm, gm/transp
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 324	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 305	50.04.2812	11*yel	LED-Bargraph 11*yellow	0 S 115	55.15.0602	1*a	Switch 5mm, red/transp
)	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 326	50.04.0125	104448	75V. 150mA. 4ns. DO-35	0 DL 306	50.04.2203	i i yoi	DL VRGB - 3312 X RT/GN	0 S 116	55.15.0605	1*a	Switch 5mm, gm/transp
				0 D 328	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 307	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 117	55.15.0604	1*a	Switch 5mm, yel/transpa
2	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 D 330	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 308	50.04.2203	11*vel	LED-Bargraph 11*yellow	0 S 118	55.15.0604	1*a	Switch 5mm, yel/transpa
3	0010110120			0 D 332	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 309	50.04.2203	i i yei	DL VRGB - 3312 X RT/GN	0 \$119	55.15.0604	1*a	Switch 5mm, yel/transpa
4	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 333	50.04.0125	1N1448	75V, 150mA, 4ns. DO-35	0 DL 309	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 120	55.15.0604	1*a	Switch 5mm, yel/transpa
5	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 334	50.04.0125	101448	75V, 150mA, 4ns. DO-35	0 DL310	50.04.2812	444	LED-Bargraph 11*vellow	0 S 121	55.15.0644	1*a	Switch 5mm, yel/yel
3	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 335	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 312	50.04.2012	11*yel	DL VRGB - 3312 X RT/GN	0 S 122	55.15.0705	1*a	Switch 12mm, grn/transp
7	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 335	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 312	50.04.2233	TI I D/ 0404	DL TLUY 2401 GB MATT	0 S 123	55.15.0704	1*a	Switch 12mm, yel/transpa
В	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 337	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 314	50.04.2133		DL TLUY 2401 GB MATT	0 S 124	55.15.0604	1*a	Switch 5mm, yel/transpa
9	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D337	50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 314	50.04.2133		DL TLUG 2401 GN MATT	0 S 126	55.15.0604	1*a	Switch 5mm, yel/transpa
0	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35									0 S 128	55.15.0604	1*a	Switch 5mm, yel/transpa
1	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 402	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 316	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT	0 S 130	55.15.0604	1*a	Switch 5mm, yel/transpa
2	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 403	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 401	50.04.2233		DL VRGB - 3312 X RT/GN	0 S 132	55 15 0605	1*a	Switch 5mm, gm/transp
3	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 404	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 402	50.04.2812	11*yel	LED-Bargraph 11*yellow	0 S 133	55 15 0605	1*a	Switch 5mm am/transp
\$	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 405	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 403	50.04.2233		DL VRGB - 3312 X RT/GN	0 S 134	55.15.0622	1*a	Switch 5mm, red/red
5	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 406	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 404	50.04.2233		DL VRGB - 3312 X RT/GN	0 8 135	55 15 0605	1*a	Switch 5mm orn/transpa
3	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 407	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 405	50.04.2812	11*yei	LED-Bargraph 11*yellow	0 S 136	55.15.0605	1*a	Switch 5mm, gm/transpa
,	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 408	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 406	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 137	55.15.0644	1*a	Switch 5mm, yel/yel
3	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 409	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 407	50.04.2233		DL VRGB - 3312 X RT/GN	0 S 137	55.15.0605	1"a 1*a	Switch 5mm, gen/transpa
9	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 410	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 408	50.04.2812	11*yei	LED-Bargraph 11*yellow	0 S 201	55.15.0604	1*a	Switch 5mm, yel/transpa
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 411	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 409	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 202	55.15.0605	1*a	Switch 5mm, grn/transpa
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 412	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 410	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 203	55.15.0605	1*a 1*a	Switch 5mm, grn/transpi
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 413	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 411	50.04.2812	11*yel	LED-Bargraph 11*yellow	0 S 204	55.15.0605 55.15.0604	1*a 1*a	Switch 5mm, grn/transp
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 414	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 412	50.04.2203		DL VRGB - 3312 X RT/GN	0 S 205 0 S 206	55.15.0604 55.15.0604	1*a 1*a	
1	50.04.0125	1N4448	75V. 150mA. 4ns. DO-35	0 D 415	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 413	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT				Switch 5mm, yel/transpa
,	50.04.0125	1N4448	75V 150mA 4ns DQ-35	0 D416	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 414	50.04.2133	TLUY 2401		0 S 207	55.15.0604	1*a	Switch 5mm, yel/transpa
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D417	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 415	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT	0 S 208	55.15.0604	1*a	Switch 5mm, yel/transpa
3	50.04.0125	1N4446 1N4448	75V, 150mA, 4ns, DO-35	0 D418	50 04 0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 416	50.04.2133	TLUY 2401	DL TLUY 2401 GB MATT	0 S 209	55.15.0605	1*a	Switch 5mm, grn/transp
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 419	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35					0 S 210	55.15.0605	1*a	Switch 5mm, grn/transpa
5	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DC-35 75V, 150mA, 4ns, DC-35	0 D 420	50.04.0125	1N4446	75V, 150mA, 4ns, DO-35	0 DLZ 101	73.01.0406	4digit	5*7 Dot matrix display	0 S 211	55.15.0605	1*a	Switch 5mm, gm/transp
	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35	0 D 421	50.04.0125	1N4446 1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 102	73.01.0406	4digit	5*7 Dot matrix display	0 S 212	55.15.0605	1*a	Switch 5mm, grn/transp
		1N4448 1N4448	75V, 150mA, 4ns, DC-35 75V 150mA 4ns DC-35	0 D 421	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DLZ 103	73.01.0406	4digit	5*7 Dot matrix display	0 S 213	55.15.0602	1*a	Switch 5mm, red/transpa
	50.04.0125							0 DLZ 104	73.01.0406	4digit	5*7 Dot matrix display	0 S 214	55.15.0605	1*a	Switch 5mm, gm/transp
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 423	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 105	73.01.0406	4digit	5*7 Dot matrix display	0 S 215	55.15.0602	1*a	Switch 5mm, red/transpa
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 424	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 201	73.01.0406	4digit	5*7 Dot matrix display	0 S 216	55.15.0605	1*a	Switch 5mm, grn/transpa
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 426	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 202	73,01,0406	4digit	5*7 Dot matrix display	0 S 217	55.15.0604	1*a	Switch 5mm, yel/transpa
2	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 428	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 203	73.01.0406	4digit	5*7 Dot matrix display	0 S 218	55.15.0604	1*a	Switch 5mm, yel/transpa
3	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 430	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 203	73.01.0406	4digit	5*7 Dot matrix display	0 S 219	55.15.0604	1*a	Switch 5mm, yel/transpa
4	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 432	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 204	73.01.0406	4digit	5*7 Dot matrix display	0 S 220	55.15.0604	1*a	Switch 5mm, yel/transpa
5	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 433	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 301	73.01.0406	4digit	5*7 Dot matrix display 5*7 Dot matrix display	0 S 221	55.15.0644	1*a	Switch 5mm, yel/yel
8	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 434	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35		73.01.0406		5*7 Dot matrix display 5*7 Dot matrix display	0 S 222	55.15.0705	1*a	Switch 12mm, grn/transpa
17	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 435	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DLZ 302	73.01.0406	4digit	5 / Doc matrix display	0 S 223	55.15.0704	1*a	Switch 12mm, yel/transpa
8	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 D 436	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35								
9	50.04.0125	1N4448	75V 150mA 4ns DO-35	0 D 437	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35						55.15.0604	1*a	Switch 5mm, yel/transpa
20	50.04.0125	1N4448	75V. 150mA, 4ns. DO-35				,					0 S 226	55.15.0604	1*a	Switch 5mm, yel/transpar
21 21	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 DL 101	50.04.2203		DL VRGB - 3312 X RT/GN					0 S 228	55.15.0604	1*a	Switch 5mm, yel/transpar
		11/4440	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 DL 102	50.04.2812	11*yel	LED-Bargraph 11*yellow					0 S 230	55.15.0604	1*a	Switch 5mm, yel/transpar

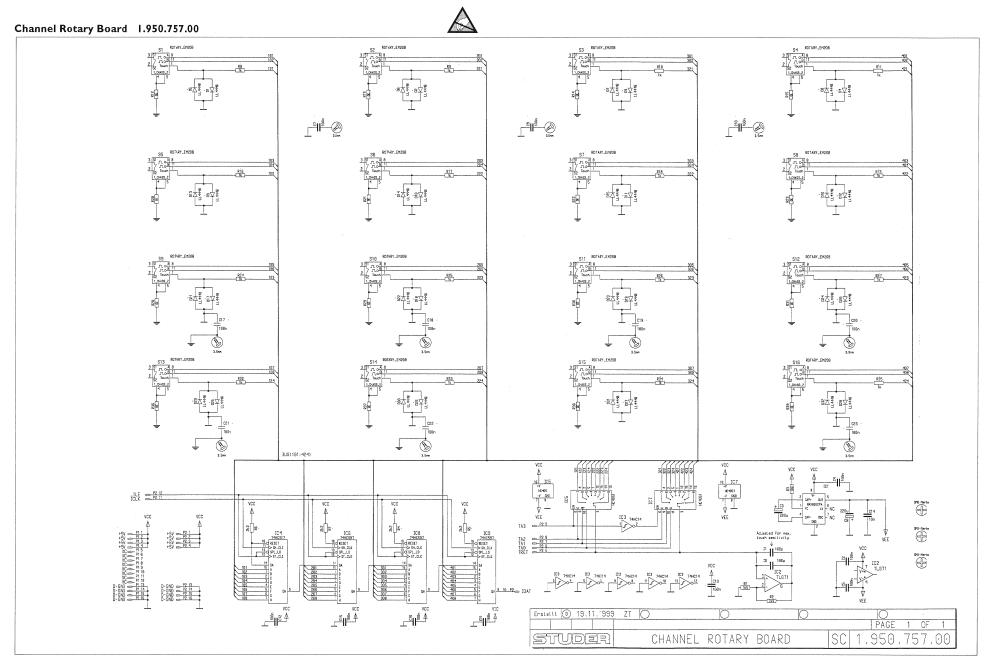




ldx	Pos.	Part No. G	ty. Type/Val.	Description
0	S 232	55.15.0605	1*a	Switch 5mm, gm/transparent
0	S 233	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 234	55.15.0622	1*a	Switch 5mm, red/red
0	S 235	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 236	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 237	55.15.0644	1*a	Switch 5mm, yel/yel
0	S 301	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 302	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 303	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 304	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 305 S 306	55.15.0604	1*a 1*a	Switch 5mm, yel/transparent Switch 5mm, yel/transparent
0	S 300	55.15.0604 55.15.0604	1*a	Switch 5mm, yel/transparent Switch 5mm, yel/transparent
0	S 307	55.15.0604	1*a	Switch 5mm, yel/transparent
1			1*a	Switch 5mm, grn/transparent
0	S 309 S 310	55.15.0605 55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 310	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 311	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 312	55.15.0602	1*a	Switch 5mm, red/transparent
0	S 314	55.15.0605	1*a	Switch 5mm, gm/transparent
0	S 315	55.15.0602	1*a	Switch 5mm, red/transparent
0	S 316	55.15.0605	1*a	Switch 5mm, grn/transparent
. 0	S 317	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 318	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 319	55.15.0604	. 1*a	Switch 5mm, yel/transparent
0	S 320	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 321	55.15.0644	1*a	Switch 5mm, yel/yel
0	S 322	55.15.0705	1*a	Switch 12mm, grn/transparent
0	S 323	55.15.0704	1*a	Switch 12mm, yel/transparent
0	S 324	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 326	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 328	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 330	55.15.0604	1*a 1*a	Switch 5mm, yel/transparent Switch 5mm, grn/transparent
0	S 332 S 333	55.15.0605 55.15.0605	1*a	Switch 5mm, grn/transparent
1		55.15.0605	1*a 1*a	Switch 5mm, red/red
0	S 334 S 335	55.15.0622	1*a	Switch 5mm, grn/transparent
0	S 336	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 337	55.15.0644	1*a	Switch 5mm, yel/yel
0	S 401	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 402	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 403	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 404	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 405	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 406	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 407	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 408	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 409	55.15.0605	1*a	Switch 5mm, gm/transparent
0	S 410	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 411	55.15.0605	1*a	Switch 5mm, grn/transparent
0	S 412	55.15.0605	1*a	Switch 5mm, grn/transparent Switch 5mm, red/transparent
0	S 413	55.15.0602	1*a	Switch 5mm, red/transparent Switch 5mm, grn/transparent
0	S 414 S 415	55.15.0605 55.15.0602	1*a 1*a	Switch 5mm, red/transparent
0	S 415 S 416	55.15.0602	1*a	Switch 5mm, grn/transparent
0	S 417	55.15.0604	.1*a	Switch 5mm, yel/transparent
0	S 418	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 419	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 420	55.15.0604	1*a	Switch 5mm, yel/transparent
0	S 421	55.15.0644	1*a	Switch 5mm, yel/yel
0	S 422	55.15.0705	1*a	Switch 12mm, grn/transparent

ldx	Pos.	Part No.	Qty.	Type/Val.	Description
0	S 423	55.15.0704		1*a	Switch 12mm, yel/transparent
0	S 424	55.15.0604		1*a	Switch 5mm, yel/transparent
0	S 426	55.15.0604		1*a	Switch 5mm, yel/transparent
0	S 428	55.15.0604		1*a	Switch 5mm, yel/transparent
0	S 430	55.15.0604		1*a	Switch 5mm, yel/transparent
0	S 432	55.15.0605		1*a	Switch 5mm, grn/transparent
0	S 433	55.15.0605		1*a	Switch 5mm, grn/transparent
0	S 434	55.15.0622		1*a	Switch 5mm, red/red
0	S 435	55.15.0605		1*a	Switch 5mm, grn/transparent
0	S 436	55.15.0605		1*a	Switch 5mm, grn/transparent
0	S 437	55.15.0644		1*a	Switch 5mm, yel/yel
0	XIC 1	53.03.0218	96 pcs	1p	single-in-line
0	XIC 2	53.03.0233	40 pcs	6р	Connector female SIL
0	XIC 3	53.03.0234	32 pcs	11p	Connector female SIL
0	XLE 1	53.03.0240	16 pcs	2p	XLED single Line, PCB
			•	End of Li	st ———

Comments

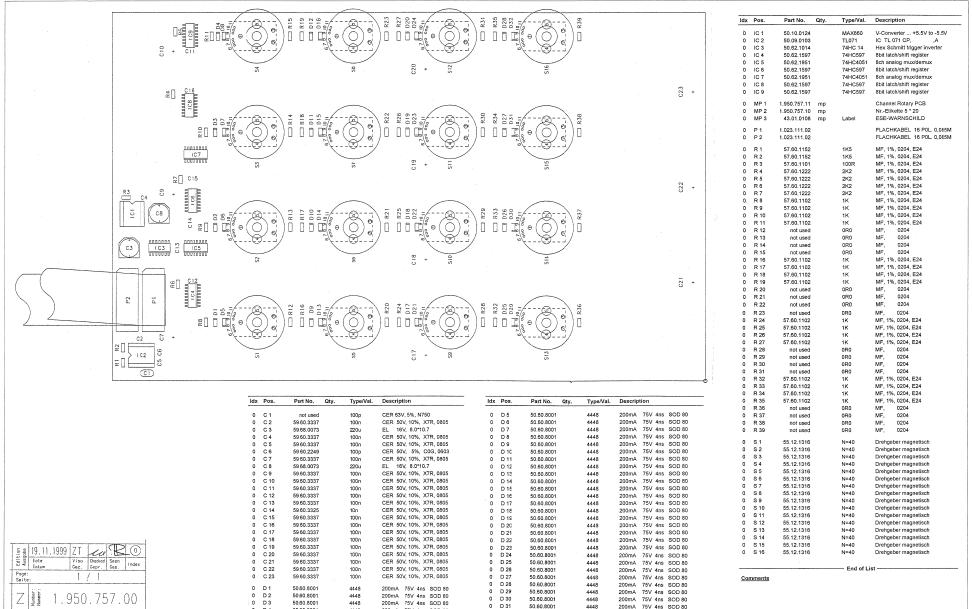


SECTION 3

STUDER



Channel Rotary Board 1.950.757.00



200mA 75V 4ns SOD 80

200mA 75V 4ns SOD 80

50.60.8001

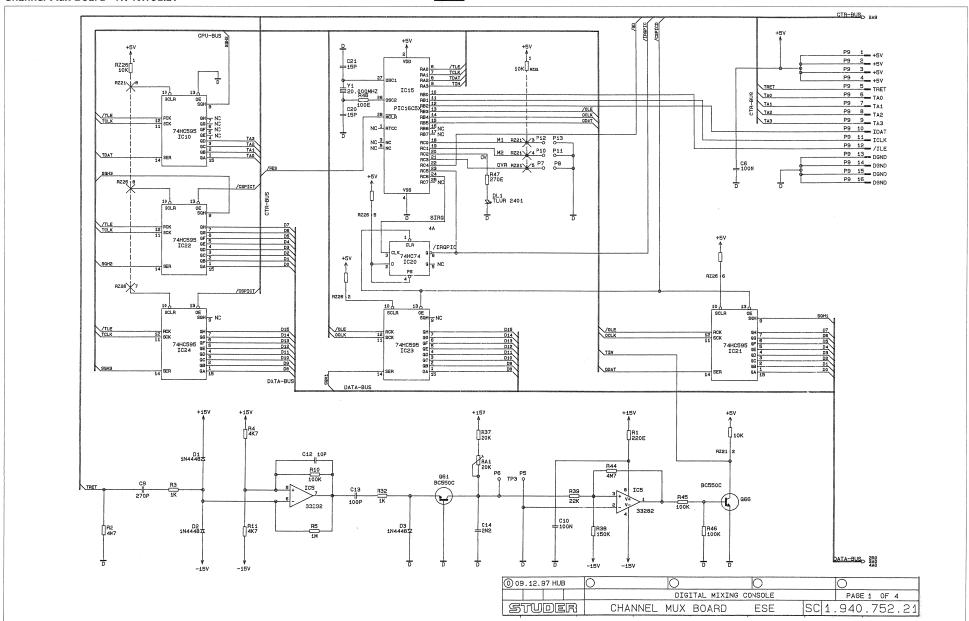
0 D4

50.60,8001

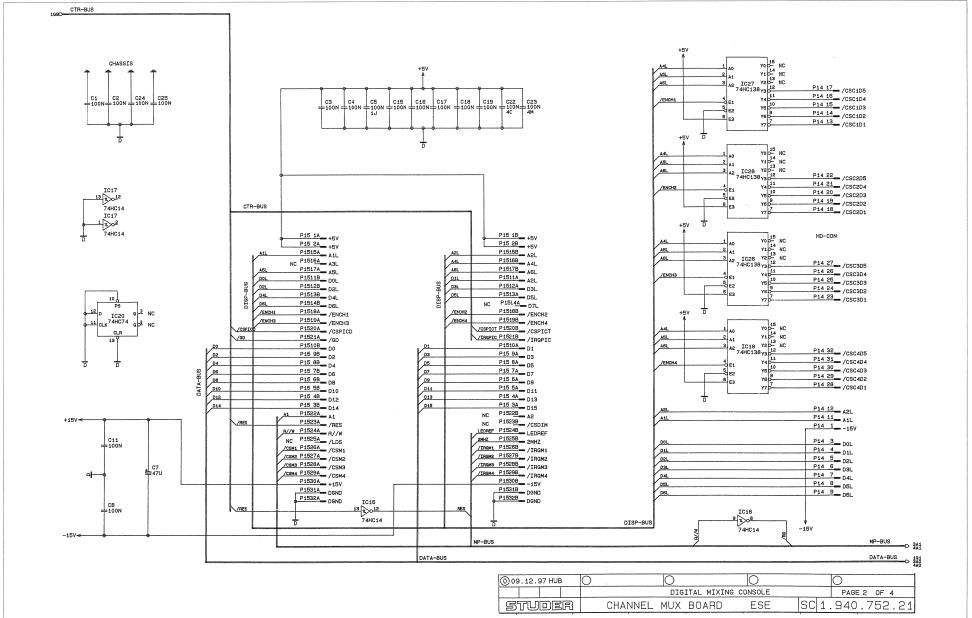
4448

200mA 75V 4ns SOD 80

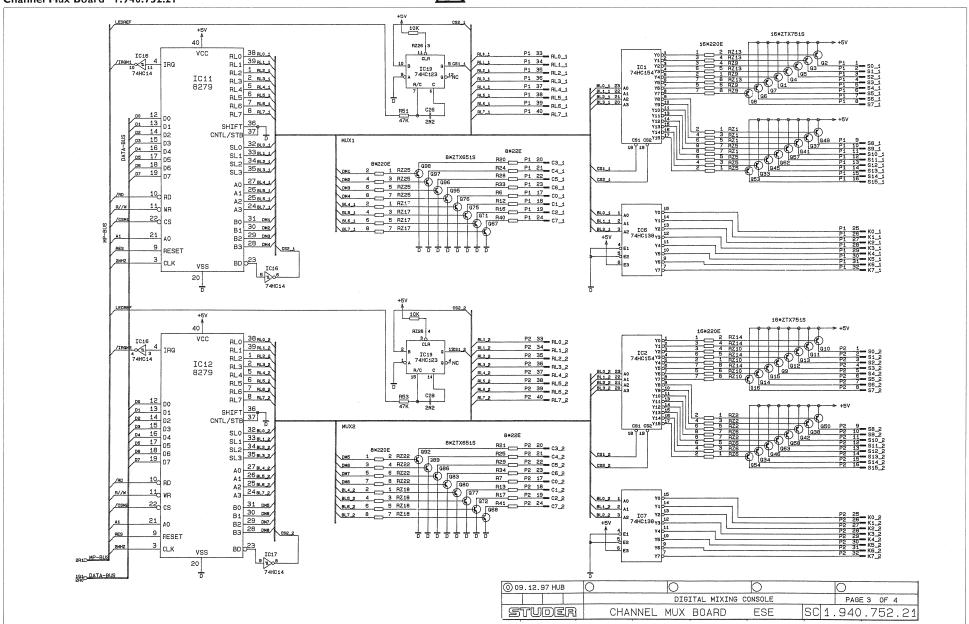


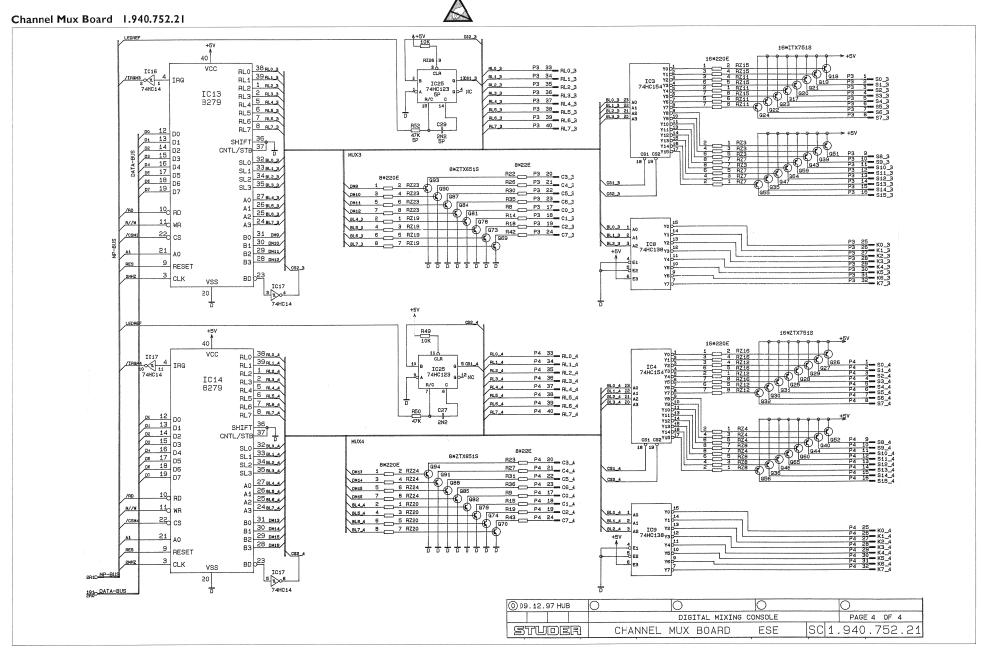




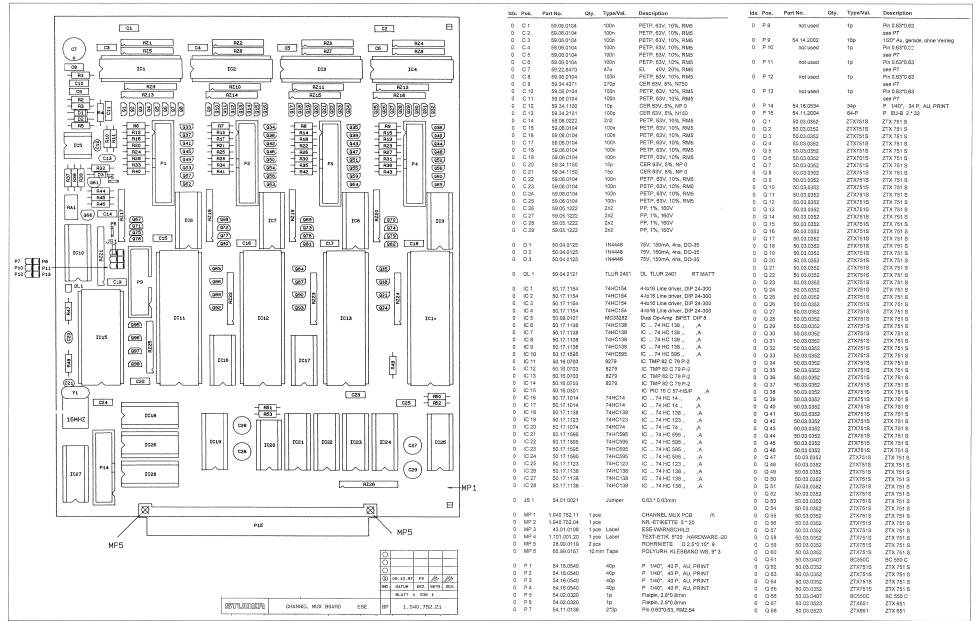












D950 Mixing Console STUDER

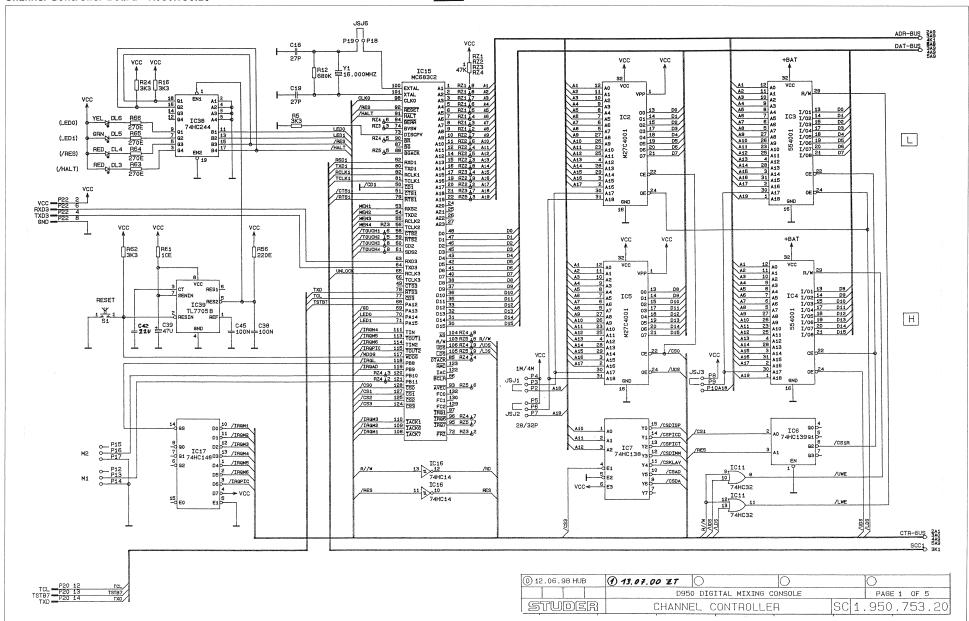
Channel Mux Board 1.940.752.21



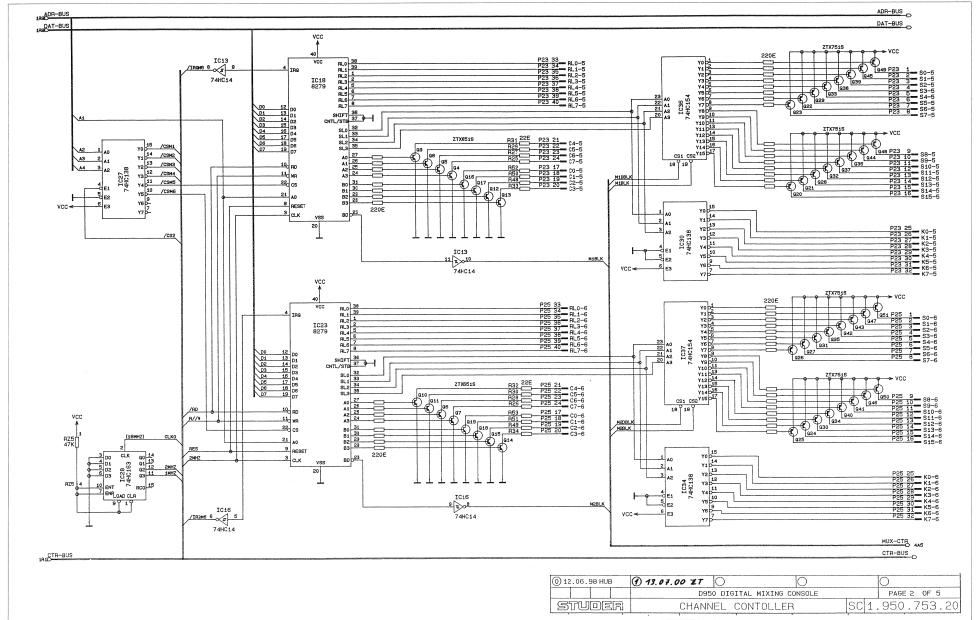
dx. F	os.	Part No.	Qty.	Type/Val.	Description	Idx		Pos.	Part No.	Qty.	Type/Val.	Description
	69	50.03.0523		ZTX651	ZTX 651	0		R 51	57.11.3473		47k	MF, 1%, 0207
	70	50.03,0523		ZTX651	ZTX 651	0		R 52	57.11.3473		47k	MF, 1%, 0207
	71	50.03.0523		ZTX651	ZTX 651	0		R 53	57.11.3473		47k	MF, 1%, 0207
	72	50.03.0523		ZTX651	ZTX 651						20k	0
	73	50.03.0523		ZTX651	ZTX 651	0		RA 1	58.01.9203		20K	Cermet, 10%, 0.5W, vertical
	74 275	50.03.0523		ZTX651 ZTX651	ZTX 651 ZTX 651	0		RZ 1	57.88.2221		4*220R	2%, SIP 8
	275 276	50.03.0523 50.03.0523		ZTX651	ZTX 651	0		RZ 2	57.88.2221		4*220R	2%, SIP 8
				ZTX651 ZTX651	ZTX 651			RZ 3	57.88.2221		4*220F	2%, SIP 8
	2 77 2 78	50.03.0523 50.03.0523		ZTX651	ZTX 651	C		RZ 4	57.88.2221		4*220F	2%, SIP 8
	279			ZTX651	2TX 651	c c		RZ 5	57.88.2221		4*220F	2%, SIP 8
	2 80	50.03.0523 50.03.0523		ZTX651	ZTX 651	Č		RZ 6	57.88.2221		4*220F	2%, SIP 8
	2 81			ZTX651	ZTX 651	c		RZ 7	57.88.2221		4*220F	2%, SIP 8
	2 82	50.03.0523 50.03.0523		ZTX651	ZTX 651	č		RZ 8	57.88.2221		4*220R	2%, SIP 8
	2 83	50.03.0523		ZTX651	ZTX 651	ò		RZ 9	57.88.2221		4*220R	2%, SIP 8
	2 84	50.03.0523		ZTX651	ZTX 651	ō		RZ 10	57.88.2221		4*220R	2%, SIP 8
	2 85	50.03.0523		ZTX651	ZTX 651	ò		RZ 11	57.88 2221		4*220R	2%, SIP 8
	2 86	50.03.0523		ZTX651	ZTX 651	0		RZ 12	57.88.2221		4*220R	2%, SIP 8
	2 87	50.03.0523		ZTX651	ZTX 651			RZ 13	57.88.2221		4*220R	2%, SIP 8
	2 88	50.03.0523		ZTX651	ZTX 651	0		RZ 14	57.88.2221		4*220R	2%, SIP 8
	2 89	50.03.0523		ZTX651	ZTX 651	0		RZ 15	57.88.2221		4*220R	2%, SIP 8
	90	50.03.0523		ZTX651	ZTX 651	0		RZ 16	57.88.2221		4*220R	2%, SIP 8
	91	50.03.0523		ZTX651	ZTX 651	0		RZ 17	57.88.2221		4*220R	2%, SIP 8
	92	50.03.0523		ZTX651	ZTX 651	0		RZ 18	57.88.2221		4*220R	2%, SIP 8
	93	50.03.0523		ZTX651	ZTX 651	0		RZ 19	57.88.2221		4*220R	2%, SIP 8
0 0	2 94	50.03.0523		ZTX651	ZTX 651	0		RZ 20	57.88.2221		4*220R	2%, SIP 8
0 0	2 95	50.03.0523		ZTX651	ZTX 651	0		RZ 21	57.88.4103		8*10k	2%, SIP 9
	2 96	50.03,0523		ZTX651	ZTX 651	0		RZ 22	57.88.2221		4*220R	2%, SIP 8
0 (2 97	50.03.0523		ZTX651	ZTX 651	0		RZ 23	57.88.2221		4*220R	2%, CIP 8
	98	50.03.0523		ZTX651	ZTX 651			RZ 24	57.88.2221		4*220R	2%. SIP 8
						0		RZ 25	57.88.2221		4*220R	2%, SIP 8
0 F	₹1	57.11.3221		220R	MF, 1%, 0207	0		RZ 26	57.88.4103		8*10k	2%, SIP 9
0 F	₹2	57.11.5475		4M7	MF, 5%, 0207							
0 F	₹3	57.11.3102		1k0	MF, 1%, 0207	0		XIC 11	53.03.0172		40p	DIL 0.6", löt, gerade
0 F	R 4	57.11.3472		4k7	MF, 1%, 0207	0		XIC 12	53.03.0172		40p	DIL 0.6", löt, gerade
0 8	R 5	57.11.3105		1M0	MF, 1%, 0207	0		XIC 13	53.03.0172		40p	DIL 0.6", löt, gerade
0 9	R 6	57.11.3220		22R	MF, 1%, 0207	0		XIC 14	53.03.0172		40p	DIL 0.6", löt, gerade
0 1	R 7	57.11.3220		22R	MF, 1%, 0207	0		XIC 15	53.03.0173		28p	DIL 0.6", löt, gerade
0 1	R 8	57.11.3220		22R	MF, 1%, 0207							10.000.000.1111 110.1011
0 1	R 9	57.11.3220		22R	MF, 1%, 0207	0		Y 1	89.01.1009		16.000MHz	16.000 000 MHz, HC 49/U
0 1	R 10	57.11.3104		100k	MF, 1%, 0207							
0 1	R 11	57.11.3472		4k7	MF, 1%, 0207	_	-				End of Li	st
0 1	R 12	57.11.3220		22R	MF, 1%, 0207	С	on	nments				
0	R 13	57.11.3220		22R	MF, 1%, 0207	_						
0	R 14	57.11.3220		22R	MF, 1%, 0207							
-	R 15	57.11.3220		22R	MF, 1%, 0207							
	R 16	57.11.3220		22R	MF, 1%, 0207							
	R 17	57.11.3220		22R	MF, 1%, 0207							
	R 18	57.11.3220		22R	MF, 1%, 0207							
	R 19	57.11.3220		22R	MF, 1%, 0207							
	R 20	57.11.3220		22R	MF, 1%, 0207							
	R 21	57.11.3220		22R	MF, 1%, 0207							
	R 22	57.11.3220		22R	MF, 1%, 0207							
	R 23	57.11.3220		22R	VF, 1%, 0207							
	R 24	57.11.3220		22R	WF, 1%, 0207							
	R 25	57.11.3220		22R	VIF. 1%, 0207							
	R 26	57.11.3220		22R	VIF, 1%, 0207							
	R 27	57.11.3220		22R	MF, 1%, 0207							
	R 28	57.11.3220		22R	MF, 1%, 0207							
	R 29	57.11.3220		22R	MF, 1%, 0207							
	R 30	57.11.3220		22R	MF, 1%, 0207							
	R 31	57.11.3220		22R	MF, 1%, 0207							
	R 32	57.11.3102		1k0	MF, 1%, 0207							
	R 33	57.11.3220		22R	MF, 1%, 0207							
	R 34	57.11.3220		22R	MF, 1%, 0207							
	R 35	57.11.3220		22R	MF, 1%, 0207							
	R 36	57.11.3220		22R	MF, 1%, 0207							
	R 37	57.11.3203		20k	MF, 1%, 0207							
	R 38	57.11.3154		150k	MF, 1%, 0207							
	R 39	57.11.3223		22k	MF, 1%, 0207							
	R 40	57.11.3220		22R	MF, 1%, 0207							
0	R 41 R 42	57.11.3220		22R	MF, 1%, 0207							
	R 43	57.11.3220		22R	MF, 1%, 0207							
	R 44	57.11.3220		22R	MF, 1%, 0207							
-	R 45	57.11.5475		4M7	MF, 5%, 0207							
0		57.11.3104		100k	MF, 1%, 0207							
0												
0	R 46	57.11.3104		100k	MF, 1%, 0207							
0 0 0	R 46 R 47	57.11.3104 57.11.3271		100k 270R	MF, 1%, 0207 MF, 1%, 0207							
0 0 0	R 46	57.11.3104		100k	MF, 1%, 0207							

SECTION 3

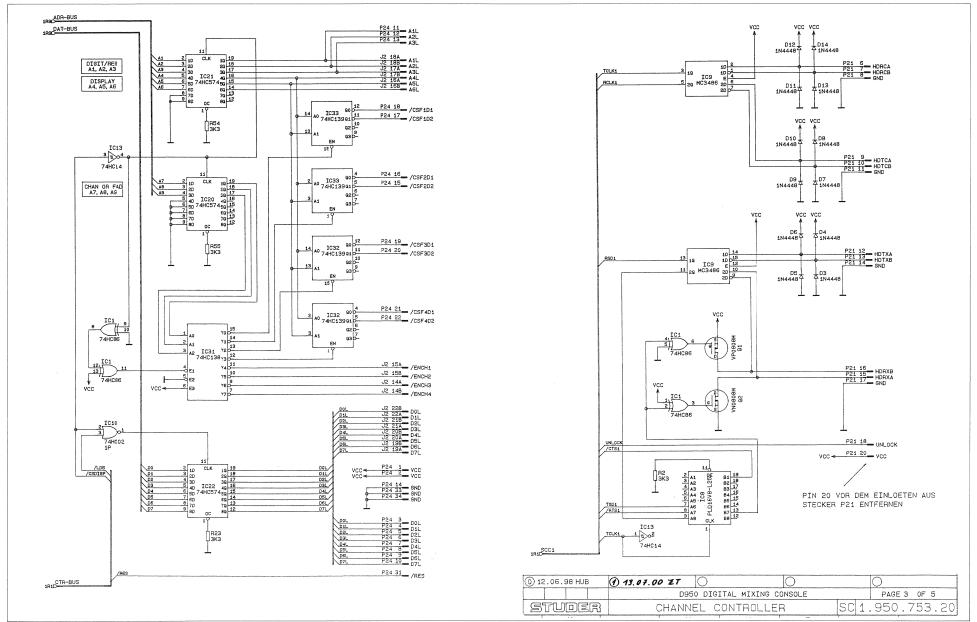




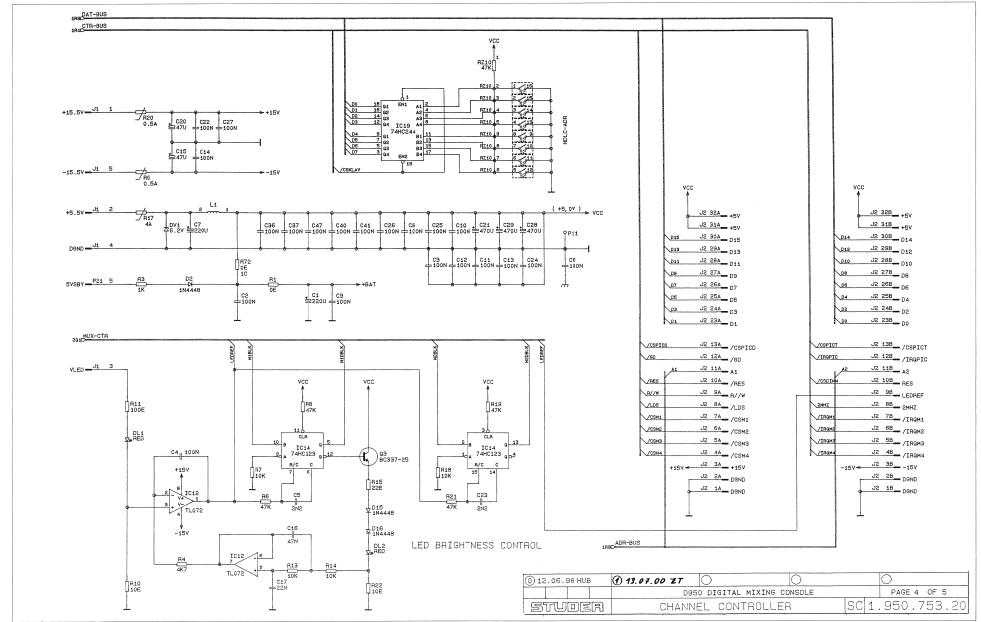




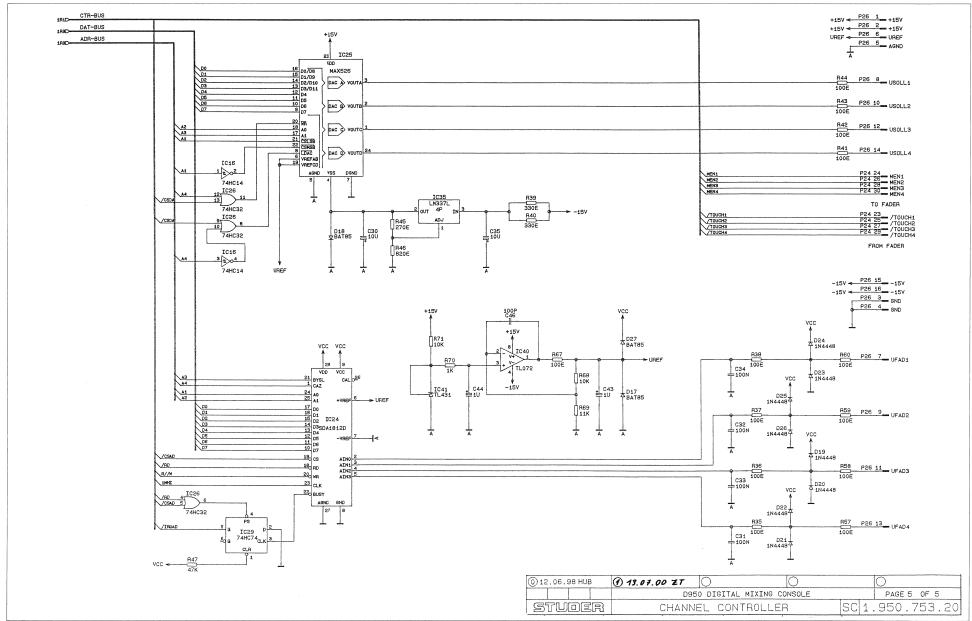


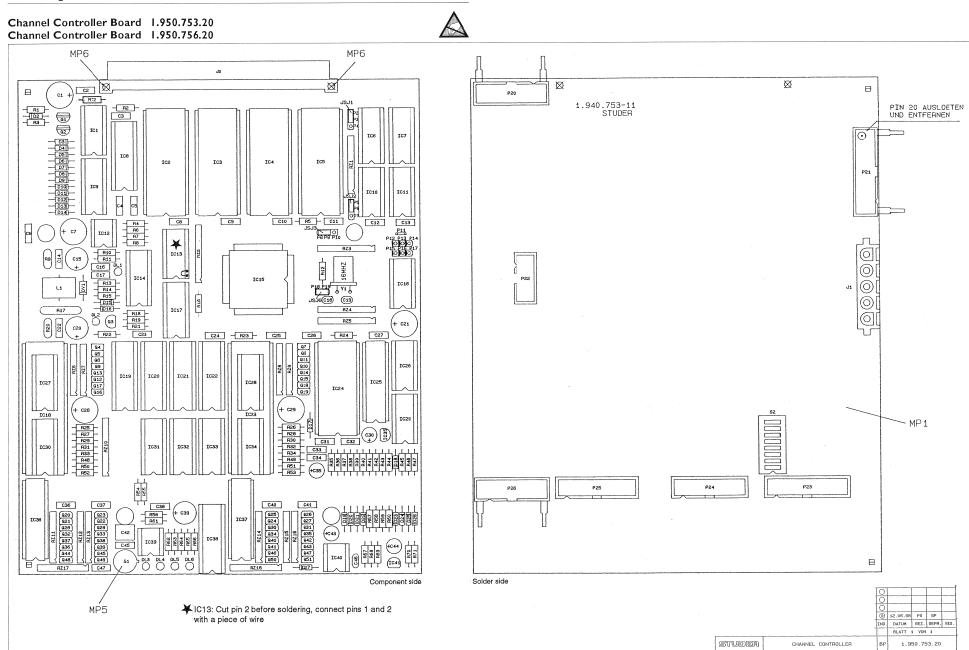
















Channel Controller Board 1.950.753.20

dx.	Pos.	Part No.	Qty.	Type/Val.	Description	ldx.	Pos.	Part No. Qty.	Type/Val.	Description
	C 1	59.22.5221		220u l	EL 25V, 20%, RM5	0	IC 5	1.950.935.20		SW755 HDLC-EPROM (50.14.200
	C 2	59.06.0104			PETP, 63V, 10%, RM5	0	IC 6	50.17.1139	74HC139	IC 74 HC 139 ., ,A
	C 3	59.06.0104			PETP, 63V, 10%, RM5	0	IC 7	50.17.1138	74HC138	IC 74 HC 138 ., ,A
	C 4	59.06.0104			PETP, 63V, 10%, RM5	0	IC 8	50.18.0100	PLD16V8	16 V 8 D - 25 LP
	C 5	59.06.5222			PETP, 63V, 5%, RM5	0	IC 9	50.15.0104	MC3486	IC MC 3486 P, DS 3486 N,
	C 6	59.06.0104			PETP, 63V, 10%, RM5	0	IC 10	50.17.1002	74HC02	IC 74 HC 02 A
	C 7	59.22.5221			EL 25V, 20%, RM5	0	IC 11	50.17.1032	74HC32	
	C 8	59.06.0104			PETP, 63V, 10%, RM5	0	IC 12	50.09.0101	TL072	IC 74 HC 32 ., ,A IC TL 072 CN ,A
	C 9	59.06.0104			PETP, 63V, 10%, RM5					•
	C 10	59.06.0104			PETP, 63V, 10%, RM5	0	IC 13	50.17.1014	74HC14	IC 74 HC 14 ., ,A
	C 11	59.06.0104			PETP, 63V, 10%, RM5	0	IC 14	50.17.1123	74HC123	IC 74 HC 123 ., ,A
	C 12	59.06.0104			PETP, 63V, 10%, RM5	0	IC 15	50.63.0100	MC68302	MPU 16bit
	C 13	59.06.0104			PETP, 63V, 10%, RM5	0	IC 16	50.17.1014	74HC14	IC 74 HC 14 ., ,A
	C 14	59.06.0104			PETP, 63V, 10%, RM5	0	IC 17	50.17.1148	74HC148	IC 74 HC 148 ., ,A
	C 15	59.22.6470			EL 40V, 20%, RM5	0	IC 18	50.16.0703	82C79	TMP 82 C 79 P-2 (C-MOS)
	C 16	59.06.5473			PETP, 63V, 5%, RM5	0	IC 19	50.17.1244	74HC244	IC 74 HC 244 ., ,A
	C 17	59.06.5223			PETP, 63V, 5%, RM5	0	IC 20	50.17.1574	74HC574	IC 74 HC 574 ., ,A
						0	IC 21	50.17.1574	74HC574	IC 74 HC 574 ., ,A
	C 18	59.34.2270		•	CER 63V, 5%, N150	0	IC 22	50.17.1574	74HC574	IC 74 HC 574 ., ,A
	C 19	59.34.2270			CER 63V, 5%, N150	0	IC 23	50.16.0703	82C79	TMP 82 C 79 P-2 (C-MOS)
	C 20	59.22.6470			EL 40V, 20%, RM5	0	IC 24	50.19.0204	ADS7832	
	C 21	59.22.347			EL 10V, 20%, RM5	0	IC 25	50.19.0113	MAX526D	D/A Converter 12bit
	C 22	59.06.0104			PETP, 63V, 10%, RM5	0	IC 26	50.17.1032	74HC32	IC 74 HC 32 ., ,A
	C 23	59.06.5222			PETP, 63V, 5%, RM5	0	IC 27	50.17.1138	74HC138	IC 74 HC 138 ., ,A
1	C 24	59.06.0104			PETP, 63V, 10%, RM5	0	IC 28	50.17.1163	74HC163	IC 74 HC 163 ., ,A
	C 25	59.06.0104	4		PETP, 63V, 10%, RM5	0	IC 29	50.17.1074	74HC74	IC 74 HC 74 ., ,A
	C 26	59.06.0104	4	100n	PETP, 63V, 10%, RM5	0	IC 30	50.17.1138	74HC138	IC 74 HC 138 ., ,A
	C 27	59.06.0104		100n	PETP, 63V, 10%, RM5	0	IC 31	50.17.1138	74HC138	IC 74 HC 138 ., ,A
	C 28	59.22.347			EL 10V, 20%, RM5	0	IC 32	50.17.1139	74HC139	IC 74 HC 139 ,A
	C 29	59.22.347			EL 10V, 20%, RM5	0	IC 33	50.17.1139	74HC139	IC 74 HC 139 ., ,A
	C 30	59.22.610			EL 35V, 20%, RM5	0	IC 33	50.17.1138	74HC138	IC 74 HC 138 ., ,A
	C 31	59.06.010			PETP, 63V, 10%, RM5	0	IC 35	50.17.1138	LM337L	IC LM 337 LZ,
	C 32	59.06.010			PETP, 63V, 10%, RM5				74HC154	
	C 32	59.06.010			PETP, 63V, 10%, RM5	0	IC 36	50.17.1154		4-to16 Line driver, DIP 24-300
						0	IC 37	50.17.1154	74HC154	4-to16 Line driver, DIP 24-300
	C 34	59.06.010			PETP, 63V, 10%, RM5	0	IC 38	50.17.1244	74HC244	IC 74 HC 244 ., ,A
	C 35	59.22.610			EL 35V, 20%, RM5	0	IC 39	50.11.0157	TL7705B	IC TL 7705 BCP,
	C 36	59.06.010			PETP, 63V, 10%, RM5	0	IC 40	50.09.0101	TL072	IC TL 072 CN ,A
	C 37	59.06.010			PETP, 63V, 10%, RM5	0	IC 41	50.10.0106	TL431	IC TL 431 CLP,
	C 38	59.06.510			PETP, 63V, 5%, RM5					
1	C 39	59.22.647	0		EL 40V, 20%, RM5	0	J 1	54.25.0005	5p	Buchse, 16A, vertikal, PCB
)	C 40	59.06.010	4	100n	PETP, 63V, 10%, RM5	0	J 2	54.11.2010	64p	EU-Q 2*32p
)	C 41	59.06.010	4	100n	PETP, 63V, 10%, RM5					·
	C 42	59.22.522		22u	EL 25V 20% RM5	0	JSJ 1	54.01.0021	Jumper	0.63 * 0.63mm
)	C 43	59.22.810		1u	EL 50V, 20%, RM5	0	JSJ 2	54.01.0021	Jumper	0.63 * 0.63mm
)	C 44	59.22.810		1u	EL 50V, 20%, RM5	0	JSJ 3	54.01.0021	Jumper	0.63 * 0.63mm
)	C 45	59.06.510		100n	PETP, 63V, 5%, RM5	0	JSJ 6	54.01.0021	Jumper	0.63 * 0.63mm
)	C 46	59.34.410		100p	CER 63V, 5%, N750	Ü	0000	5-7.01.0021	oumpoi	2.00 0.00,1111
)	C 47	59.06.010		100n	PETP, 63V, 10%, RM5	1	L1	62.01,0301	110MHz	Breitband-Drossel
							MP 1		. I VIVII IZ	
0	D 2	50.04.012			75V, 150mA, 4ns, DO-35	0		1.940.753.11 1 pce		CHANNEL CONTROLLER PCB
0	D 3	50.04.012			75V, 150mA, 4ns, DO-35	0	MP 2	1.950.753.04 1 pce		NRETIKETTE 5x20
)	D 4	50.04.012			75V, 150mA, 4ns, DO-35	0	MP 3	1.101.001.20 1 pce	Label	TEXT-ETIK. 5*20 HARDWARE
)	D 5	50.04.012			75V, 150mA, 4ns, DO-35	0	MP 4	43.01.0108 1 pce	Label	ESE-WARNSCHILD
)	D 6	50.04.012			75V, 150mA, 4ns, DO-35	0	MP 5	1.010.015.50 1 pce	Spacer	Isolierscheibe
)	D 7	50.04.012		1N4448	75V, 150mA, 4ns, DO-35	0	MP 6	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9
)	D 8	50.04.012		1N4448	75V, 150mA, 4ns, DO-35	1	MP 7	43.10.0110 1 pce	Α	Revisions-Etikette 5mm h'blau
)	D 9	50.04.012		1N4448	75V, 150mA, 4ns, DO-35			·		
)	D 10	50.04.012		1N4448	75V, 150mA, 4ns, DO-35	0	P2	54.01.0020	1p	Pin 0.63*0.63
)	D 11	50.04.012		1N4448	75V, 150mA, 4ns, DO-35	0	P 3	54.01.0020	1p	Pin 0.63*0.63
)	D 12	50.04.012	25	1N4448	75V, 150mA, 4ns, DO-35	0	P 4	54.01.0020	1p	Pin 0.63*0.63
)	D 13	50.04.012		1N4448	75V, 150mA, 4ns, DO-35	0	P 5	54.01.0020	1p	Pin 0.63*0.63
)	D 14	50.04.012		1N4448	75V, 150mA, 4ns, DO-35	0	P 6	54.01.0020	1p	Pin 0.63*0.63
)	D 15	50.04.012	25	1N4448	75V, 150mA, 4ns, DO-35	0	P 7	54.01.0020	1p	Pin 0.63*0.63
)	D 16	50.04.012		1N4448	75V, 150mA, 4ns, DO-35	0	P 8	54.01.0020	1p	Pin 0.63*0.63
)	D 17	50.04.012	27	BAT85	200mA, Schottky	0	P 9	54.01.0020	1p	Pin 0.63*0.63
)	D 18	50.04.012		BAT85	200mA, Schottky	0	P 10	54.01.0020	1p	Pin 0.63*0.63
כ	D 19	50.04.01		1N4448	75V, 150mA, 4ns, DO-35	0	P 11	54.02.0320	1p	Flatpin, 2.8*0.8mm
5	D 20	50.04.01		1N4448	75V, 150mA, 4ns, DO-35	0	P 12	54.01.0020	1p	Pin 0.63*0.63
0	D 21	50.04.01		1N4448	75V, 150mA, 4ns, DO-35	0	P 13	54.01,0020	1p	Pin 0.63*0.63
0	D 22	50.04.01		1N4448	75V, 150mA, 4ns, DO-35	0	P 14	54.01.0020	1p	Pin 0.63*0.63
ם ם	D 23	50.04.01		1N4448	75V, 150mA, 4ns, DO-35	0	P 15	54.01.0020	1p	Pin 0.63*0.63
0	D 24	50.04.01		1N4448	75V, 150mA, 4ns, DO-35	0	P 16	54.01.0020	1p	Pin 0.63*0.63
)	D 25	50.04.01		1N4448	75V, 150mA, 4ns, DO-35	0	P 17	54.01.0020	1p	Pin 0.63*0.63
0	D 26	50.04.01		1N4448	75V, 150mA, 4ns, DO-35	0	P 18	54.01.0020	1p	Pin 0.63*0.63
0	D 26 D 27	50.04.01		BAT85	200mA, Schottky	ō	P 19	54.01.0020	1p	Pin 0.63*0.63
U	ט בו	50.04.01.	<u>.</u> 1	DA100	255.117 \ Golfothy	0	P 20	54.14.2102	16p	P STECKER 16 P,AU,VR,GER
0	DI 4	50.01.01	20	I Googn	DI 18 3360 PT DIES	0	P 21	54.14.2103	20p	P STECKER 20 P,AU,VR,GER
0	DL 1	50.04.21		LS3360	DL LS 3360 , RT DIFF	0	P 22	54.14.2001	10p	1/20" Au, gerade, ohne Verrieg
0	DL 2	50.04.21		LS3360	DL LS 3360 , RT DIFF	0	P 23	54.16.0540	40p	P 1/40", 40 P, AU, PRINT
0	DL 3	50.04.21		LS3360	DL LS 3360 , RT DIFF	0				
0	DL 4	50.04.21		LS3360	DL LS 3360, RT DIFF		P 24	54.16.0534	34p	P 1/40", 34 P, AU, PRINT
0	DL 5	50.04.21		LG3360	DL LG 3360, GN DIFF	0	P 25	54.16.0540	40p	P 1/40", 40 P, AU, PRINT
0	DL 6	50.04.21	30	LY3360	DL LY 3360, GB DIFF	0	P 26	54,14,2102	16p	P STECKER 16 P,AU,VR,GER
						_	0.1	E0 00 4554	V/Dogods*	\/D 0909 **
	DV 1	50.04.15	11	6V2	Zener, 5%, 1.3W, DO-41	0	Q 1	50.03.1554	VP0808M	VP 0808 M
0						0	Q 2	50.03.1505	VN0808M	VN 0808 M, ZVN 0108 A
0				7.411000	IC 74 HC 86 ., ,A	0	Q 3	50.43.0340		Q BC 337-25,
	IC 1	50.17.10	86	74HC86						771.00.
0	IC 1 IC 2	50.17.10 1.950.935.		74HC86	SW755 HDLC-EPROM (50.14.2009)	0	Q 4	50.03.0523	ZTX651	ZTX 651
0			20	74HC86 TC551001-85		0 0 0	Q 4 Q 5 Q 6	50.03.0523 50.03.0523 50.03.0523	ZTX651 ZTX651 ZTX651	ZTX 651 ZTX 651 ZTX 651





Channel Controller Board 1.950.753.20

x. Pos.	Part No. Qty.	Type/Val.	Description	ldx.	Pos.	Part No. Qty.	Type/Val.	Description
Q 7	50.03.0523	ZTX651	ZTX 651	0	R 42	57.11.3101	100R	MF, 1%, 0207
Q.8	50.03.0523	ZTX651	ZTX 651	0	R 43	57.11.3101	100R	MF, 1%, 0207
Q 9	50.03.0523	ZTX651	ZTX 651	0	R 44	57.11.3101	100R	MF, 1%, 0207
Q 10	50.03.0523	ZTX651	ZTX 651	0	R 45	57.11.3271	270R	MF, 1%, 0207
Q 11	50.03.0523	ZTX651	ZTX 651	0	R 46	57.11.3821	820R	MF, 1%, 0207
Q 12	50.03.0523	ZTX651	ZTX 651	Ü	K 4/	57.11.3473	4/k	MF, 1%, 0207
Q 13	50.03.0523	ZTX651	ZTX 651	0	R 48	57.11.3220	22R	MF, 1%, 0207
Q 14	50.03.0523	ZTX651	ZTX 651	0	R 49	57.11.3220	22R	MF, 1%, 0207
Q 15	50.03.0523	ZTX651	ZTX 651	0	R 50	57.11.3220	22R	MF, 1%, 0207
Q 16	50.03.0523	ZTX651	ZTX 651	0	R 51	57.11.3220	22R	MF, 1%, 0207
Q 17	50.03.0523	ZTX651	ZTX 651	0	R 52	57.11.3220	22R	MF, 1%, 0207
Q 18	50.03.0523	ZTX651	ZTX 651	0	R 53	57.11.3220	22R	MF, 1%, 0207
Q 19	50.03.0523	ZTX651	ZTX 651	0	R 54	57.11.3332	3k3	MF, 1%, 0207
Q 20	50.03.0352	ZTX751S	ZTX 751 S	0	R 55		3k3	
			ZTX 751 S			57.11.3332		MF, 1%, 0207
Q 21	50.03.0352	ZTX751S ZTX751S	ZTX 751 S	0	R 56	57.11.3221	220R	MF, 1%, 0207
Q 22 Q 23	50.03.0352 50.03.0352	ZTX751S	ZTX 751 S	0	R 57 R 58	57.11.3101	100R 100R	MF, 1%, 0207
						57.11.3101		MF, 1%, 0207
Q 24	50.03.0352	ZTX751S	ZTX 751 S	0	R 59	57.11.3101	100R	MF, 1%, 0207
Q 25	50.03.0352	ZTX751S	ZTX 751 S	0	R 60	57.11.3101	100R	MF, 1%, 0207
Q 26	50.03.0352	ZTX751S	ZTX 751 S	0	R 61	57.11.3100	10R	MF, 1%, 0207
Q 27	50.03.0352	ZTX751S	ZTX 751 S	0	R 62	57.11.3332	3k3	MF, 1%, 0207
Q 28	50.03.0352	ZTX751S	ZTX 751 S	0	R 63	57.11.3271	270R	MF, 1%, 0207
Q 29	50.03.0352	ZTX751S	ZTX 751 S	0	R 64	57.11.3271	270R	MF, 1%, 0207
Q 30	50.03.0352	ZTX751S	ZTX 751 S	0	R 65	57.11.3271	270R	MF, 1%, 0207
Q 31	50.03.0352	ZTX751S	ZTX 751 S	0	R 66	57.11.3271	270R	MF, 1%, 0207
Q 32	50.03.0352	ZTX751S	ZTX 751 S	0	R 67	57.11.3101	100R	MF, 1%, 0207
Q 33	50.03.0352	ZTX751S	ZTX 751 S	0	R 68	57.11.3103	10k	MF, 1%, 0207
Q 34	50.03.0352	ZTX751S	ZTX 751 S	0	R 69	57.11.3113	11k	MF, 1%, 0207
Q 35	50.03.0352	ZTX751S	ZTX 751 S	0	R 70	57.11.3102	1k0	MF, 1%, 0207
Q 36	50.03.0352	ZTX751S	ZTX 751 S	0	R 71	57.11.3103	10k	MF, 1%, 0207
Q 30 Q 37	50.03.0352	ZTX751S	ZTX 751 S	0	R 72	57.11.3000	0R0	MF, 0207
Q 37	50.03.0352	ZTX7518	ZTX 751 S	J		51.0000		
Q 39	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 1	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
Q 39 Q 40	50.03.0352	ZTX751S ZTX751S	ZTX 751 S	0	RZ 2	57.88.4473	47k 47k	8*R Resistor-Netw 2% SIP9
		ZTX751S	ZTX 751 S	0	RZ 3	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
Q 41	50.03.0352							
Q 42	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 4	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
Q 43	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 5	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
Q 44	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 6	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 45	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 7	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 46	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 8	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 47	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 9	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 48	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 10	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
Q 49	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 11	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 50	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 12	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 51	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 13	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
				0	RZ 14	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R 1	57.11.3000	0R0	MF, 0207	0	RZ 15	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R 2	57.11.3332	3k3	MF, 1%, 0207	0	RZ 16	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R 3	57.11.3102	1k0	MF, 1%, 0207	0	RZ 17	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R 4	57.11.3472	4k7	MF, 1%, 0207	0	RZ 18	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R 5	57.11.3332	3k3	MF, 1%, 0207					
R6	57.11.3473	47k	MF, 1%, 0207	0	S 1	55.03.0122	1*a	S 1 TASTE, 1*A, PRINT, IMPUL
R 7	57.11.3103	10k	MF, 1%, 0207	0	S 2	55.01.0168	8*a	SZ ,8*A, DIL
R8	57.11.3473	47k	MF, 1%, 0207	_				, , ,
R9	57.92.7013	0.5A	POLY- PTC, 60V	0	XIC 2	53.03.0184	32p	DIL 0.6", löt, gerade
R 10	57.11.3100	10R	MF, 1%, 0207	ō	XIC 3	53.03.0184	32p	DIL 0.6", löt, gerade
R 11	57.11.3101	100R	MF, 1%, 0207	0	XIC 4	53.03.0184	32p	DIL 0.6", löt, gerade
R 12	57.11.3684	680k	MF, 1%, 0207	0	XIC 5	53.03.0184	32p	DIL 0.6", löt, gerade
R 13	57.11.3103	10k	MF, 1%, 0207	0	XIC 8	53.03.0165	20p	DIL 0.3", löt, gerade
R 14	57.11.3103	10k	MF, 1%, 0207	0	XIC 9	53.03.0168	16p	DIL 0.3", löt, gerade
		22R	MF, 1%, 0207	0	XIC 18	53.03.0218	1p	single-in-line
R 15	57.11.3220 57.11.3332	3k3	MF, 1%, 0207	0	XIC 23	53.03.0218	1p	single-in-line
R 16	57.11.3332 57.02.7058		MF, 1%, 0207 POLY- PTC, 30V	0	XIC 23	53.03.0173	28p	DIL 0.6", löt, gerade
R 17	57.92.7058	4.0A		0	XIC 24 XIC 25	53.03.0182		DIL 0.3", löt, gerade
R 18	57.11.3103	10k	MF, 1%, 0207	U	AIO 20	33.03.0182	24p	DIE 0.0 , lot, gerade
R 19	57.11.3473	47k	MF, 1%, 0207	_	V 4	00.04.4000	46 0001411-	16,000 000 MHz. HC 49/U
R 20	57.92.7013	0.5A	POLY- PTC, 60V	0	Y 1	89.01.1009	16.000MHz	10.000 000 WHZ, HC 49/U
R 21	57.11.3473	47k	MF, 1%, 0207			-	End of List	
R 22	57.11.3100	10R	MF, 1%, 0207	_				
R 23	57.11.3332	3k3	MF, 1%, 0207	Co	mments			
R 24	57.11.3332	3k3	MF, 1%, 0207					
R 25	57.11.3220	22R	MF, 1%, 0207					
R 26	57.11.3220	22R	MF, 1%, 0207					
R 27	57.11.3220	22R	MF, 1%, 0207					
R 28	57.11.3220	22R	MF, 1%, 0207					
R 29	57.11.3220	22R	MF, 1%, 0207					
R 30	57.11.3220	22R	MF, 1%, 0207					
R 31	57.11.3220	22R	MF, 1%, 0207					
R 32	57.11.3220	22R	MF, 1%, 0207					
R 33	57.11.3220	22R	MF, 1%, 0207					
R 34	57.11.3220	22R	MF, 1%, 0207					
R 35	57.11.3101	100R	MF, 1%, 0207					
R 36	57.11.3101	100R	MF, 1%, 0207					
R 37	57.11.3101	100R	MF, 1%, 0207					
R 38	57.11.3101	100R	MF, 1%, 0207					
	57.11.3331	330R	MF, 1%, 0207					
r 39								
R 39 R 40	57.11.3331	330R	MF, 1%, 0207					





Channel Controller Board 1.950.756.20

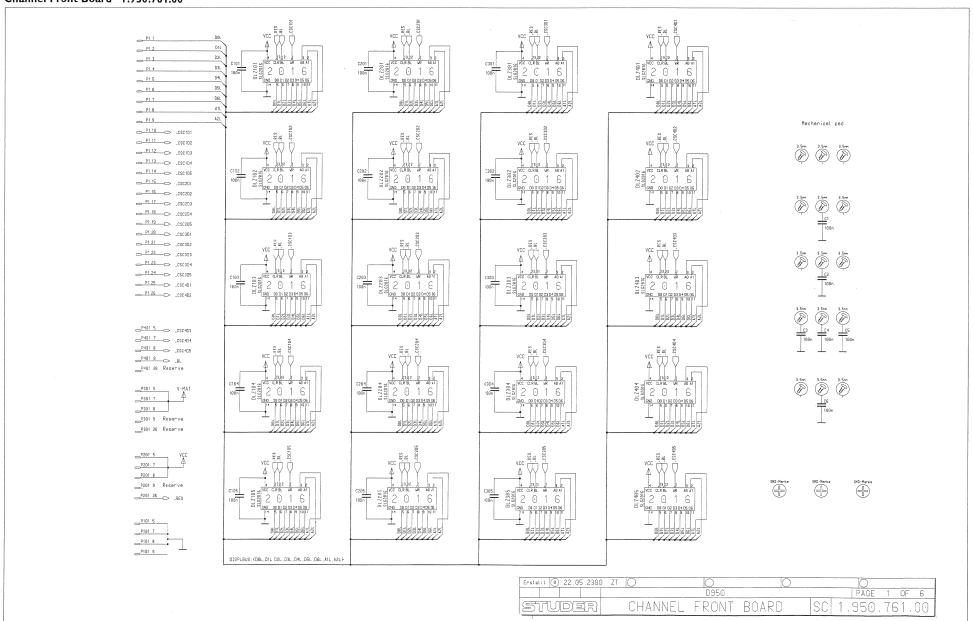
0				Type/Val.	Description		Pos.	Part No. Qty.	Type/Val.	Description
1	0 0	C 1	59.22.5221		EL 25V, 20%, RM5	0	IC 5	1.950.940.21	-	SW720 HDLC-EPROM (50.14.2009)
0	0 (C 2	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 6	50.17.1139	74HC139	IC 74 HC 139 ., ,A
		C 3	59.06.0104		PETP, 63V, 10%, RM5	0	IC 7	50.17.1138	74HC138	IC 74 HC 138 ., ,A
0		C 4	59.06.0104		PETP, 63V, 10%, RM5	0	IC 8	50.18.0100	PLD16V8	16 V 8 D - 25 LP
0		C 5	59.06.5222		PETP, 63V, 5%, RM5	0	IC 9	50.15.0104	MC3486	IC MC 3486 P, DS 3486 N,
0		C 6	59.06.0104		PETP, 63V, 10%, RM5 EL 25V, 20%, RM5	0	IC 10 IC 11	50,17,1002	74HC02 74HC32	IC 74 HC 02 ., ,A IC 74 HC 32 ., ,A
0		C 7	59.22.5221		EL 25V, 20%, RM5 PETP, 63V, 10%, RM5	0	IC 12	50.17.1032 50.09.0101	TL072	IC TL 072 CN ,A
		C 8 C 9	59.06.0104 59.06.0104		PETP, 63V, 10%, RM5	0	IC 12	50.17.1014	74HC14	IC 74 HC 14 ., ,A
1		C 10	59.06.0104	100n	PETP, 63V, 10%, RM5	ō	IC 14	50.17.1123	74HC123	IC 74 HC 123 ., ,A
		C 11	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 15	50.63.0100	MC68302	MPU 16bit
		C 12	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 16	50.17.1014	74HC14	IC 74 HC 14 ., ,A
	0	C 13	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 17	50.17.1148	74HC148	IC 74 HC 148 ., ,A
(0	C 14	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 18	50.16.0703	82C79	TMP 82 C 79 P-2 (C-MOS)
Ę		C 15	59.22.6470	47u	EL 40V, 20%, RM5	0	IC 19	50.17.1244	74HC244	IC 74 HC 244 ., ,A
		C 16	59.06.5473	47n	PETP, 63V, 5%, RM5	0	IC 20	50.17.1574	74HC574	IC 74 HC 574 ., ,A
		C 17	59.06.5223	22n	PETP, 63V, 5%, RM5	0	IC 21 IC 22	50.17.1574	74HC574 74HC574	IC 74 HC 574 ., ,A IC 74 HC 574 ., ,A
1		C 18 C 19	59.34.2270 59.34.2270	27p 27p	CER 63V, 5%, N150 CER 63V, 5%, N150	0	IC 23	50.17.1574 50.16.0703	82C79	TMP 82 C 79 P-2 (C-MOS)
1		C 20	59.22.6470	47u	EL 40V, 20%, RM5	0	IC 24	50.19.0204	ADS7832	22 2 12 1 2 (222)
1		C 21	59.22.3471	470u	EL 10V, 20%, RM5	0	IC 25	50.19.0113	MAX526D	D/A Converter 12bit
1		C 22	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 26	50.17.1032	74HC32	IC 74 HC 32 ., ,A
1		C 23	59.06.5222	2n2	PETP, 63V, 5%, RM5	0	IC 27	50.17.1138	74HC138	IC 74 HC 138 ., ,A
1		C 24	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 28	50.17.1163	74HC163	IC 74 HC 163 ., ,A
1		C 25	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 29	50.17.1074	74HC74	IC 74 HC 74 ., ,A
. (C 26	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 30	50.17.1138	74HC138	IC 74 HC 138 ., ,A
1		C 27	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 31	50.17.1138	74HC138	IC 74 HC 138 ., ,A
1		C 28	59.22.3471	470u	EL 10V, 20%, RM5	0	IC 32	50.17.1139	74HC139	IC 74 HC 139 ., ,A
1		C 29	59.22.3471	470u	EL 10V, 20%, RM5	0	IC 33	50.17.1139	74HC139	IC 74 HC 139 ., ,A
1		C 30	59.22.6100	10u	EL 35V, 20%, RM5	0	IC 34 IC 35	50.17.1138	74HC138 LM337L	IC 74 HC 138 ., ,A IC LM 337 LZ,
1		C 31	59.06.0104	100n 100n	PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5	0	IC 36	50.10.0109 50.17.1154	74HC154	4-to16 Line driver, DIP 24-300
1		C 32 C 33	59.06.0104 59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 37	50.17.1154	74HC154	4-to16 Line driver, DIP 24-300
- 5		C 34	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 38	50.17.1244	74HC244	IC 74 HC 244 ., ,A
1		C 35	59.22.6100	10u	EL 35V, 20%, RM5	o	IC 39	50.11.0157	TL7705B	IC TL 7705 BCP,
4		C 36	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 40	50.09.0101	TL072	IC TL 072 CN ,A
1		C 37	59.06.0104	100n	PETP, 63V, 10%, RM5	0	IC 41	50.10.0106	TL431	IC TL 431 CLP,
1		C 38	59.06.5104	100n	PETP, 63V, 5%, RM5				•	
	0	C 39	59.22.6470	47u	EL 40V, 20%, RM5	0	J 1	54.25.0005	5p	Buchse, 16A, vertikal, PCB
1	0	C 40	59.06.0104	100n	PETP, 63V, 10%, RM5	0	J 2	54.11.0130 32 pcs	2p	P STIFT,2R WNKL 2 PIN=1 STK.
		C 41	59.06.0104	100n	PETP, 63V, 10%, RM5					0.00 + 0.00
1		C 42	59.06.5105	1u0	PETP, 50V, 5%, RM5	0	JSJ 1	54.01.0021	Jumper	0.63 * 0.63mm
1		C 43	59.22.8109	1u	EL 50V, 20%, RM5	0	JSJ 2	54.01.0021	Jumper	0.63 * 0.63mm 0.63 * 0.63mm
1		C 44	59.22.8109	1u	EL 50V, 20%, RM5 PETP, 63V, 5%, RM5	0	JSJ 3 JSJ 6	54.01.0021	Jumper Jumper	0.63 * 0.63mm
9		C 45 C 46	59.06.5104 59.34.4101	100n 100p	CER 63V, 5%, N750	· ·	303 0	54.01.0021	damper	0.00 0.00/11/1
1		C 47	59,06.0104	100n	PETP, 63V, 10%, RM5	0	L 1	62.03.0010	48uH	2A Toroid Chocke
1	0	D 2	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	·		02112010010		
1	0	D 3	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	MP 1	1.940.753.11 1 mp		CHANNEL CONTROLLER PCB //\
1		D 4	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	MP 2	1.950.756.04 1 mp		NRETIKETTE 5x20
	0	D 5	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	MP 3	1.101.001.20 1 mp	Label	TEXT-ETIK, 5*20 HARDWARE -20
	0	D 6	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	MP 4	43.01.0108 1 mp	Label	ESE-WARNSCHILD
	0	D 7	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	MP 5 MP 6	1.010.015.50 1 mp not used 2 mp	Spacer	ISOLIER-SCHEIBE ZU TO 5 ROHRNIETE D 2.5*0.15* 9
1	0	D 8	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	U	IVIP 0	not used 2 mp		ROHRNIETE D 2.5*0.15* 9
	0	D 9	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0	P 2	54.01.0020	1p	Pin 0.63*0.63
1	0	D 10 D 11	50.04.0125 50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 3	54.01.0020	1p	Pin 0.63*0.63
	0	D 12	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 4	54.01.0020	1p	Pin 0.63*0.63
	0	D 13	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 5	54.01.0020	1p	Pin 0.63*0.63
	0	D 14	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 6	54.01.0020	1p	Pin 0.63*0.63
	0	D 15	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 7	54.01.0020	1p	Pin 0.63*0.63
	0	D 16	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P8 P9	54.01.0020 54.01.0020	1p 1p	Pin 0.63*0.63 Pin 0.63*0.63
	0	D 17	50.04.0127	BAT85	200mA, Schottky	0	P 10	54.01.0020 54.01.0020	1p 1p	Pin 0.63*0.63
	0	D 18	50.04.0127	BAT85	200mA, Schottky	0	P 11	54.02.0320	1p 1p	Flatpin, 2.8*0.8mm
	0	D 19	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0	P 12	54.01.0020	1p	Pin 0.63*0.63
1	0	D 20 D 21	50.04.0125 50.04.0125	1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0	P 13	54.01.0020	1p	Pin 0.63*0.63
	0	D 22	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 14	54.01.0020	1p	Pin 0.63*0.63
	0	D 23	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 15	54.01.0020	1p	Pin 0.63*0.63
	0	D 24	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 16	54.01.0020	1p	Pin 0.63*0.63
	0	D 25	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 17	54,01,0020	1p	Pin 0.63*0.63
	0	D 26	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	P 18 P 19	54.01.0020	1p 1n	Pin 0.63*0.63 Pin 0.63*0.63
	0	D 27	50.04.0127	BAT85	200mA, Schottky	0	P 20	54.01.0020 54.14.2102	1p 16p	P STECKER 16 P,AU,VR,GERADE
		DI 1	E0 04 2420	1 63380	DL LS 3360, RT DIFF	0	P 21	54.14.2103	20p	P STECKER 20 P,AU,VR,GERADE
	0	DL 1 DL 2	50.04.2129 50.04.2129	LS3360 LS3360	DL LS 3360 , RT DIFF	0	P 22	54.14.2001	10p	1/20" Au, gerade, ohne Verrieg
	0	DL 2 DL 3	50.04.2129	LS3360	DL LS 3360 , RT DIFF	0	P 23	54.16.0540	40p	P 1/40", 40 P, AU, PRINT
	0	DL 4	50.04.2129	LS3360	DL LS 3360 , RT DIFF	0	P 24	54.16.0534	34p	P 1/40", 34 P, AU, PRINT
	0	DL 5	50.04.2131	LG3360	DL LG 3360, GN DIFF	0	P 25	54.16.0540	40p	P 1/40", 40 P, AU, PRINT
	0	DL 6	50.04.2130	LY3360	DL LY 3360, GB DIFF	0	P 26	54.14.2102	16p	P STECKER 16 P,AU,VR,GERADE
						_	0.1	ED 00 4554	//Dhoness	VP 0808 M
	0	DV 1	50.04.1511	6V2	Zener, 5%, 1.3W, DO-41	0	Q 1 Q 2	50.03.1554 50.03.1505	VP0808M VN0808M	VP 0808 M VN 0808 M, ZVN 0108 A
	_	10.4	E0 47 4000	7411000	IC 74 HC 96 ^	0	Q 3	50.43.0340	VINDOUDINI	Q BC 337-25,
	0	IC 1	50.17.1086	74HC86	IC 74 HC 86 ., ,A SW720 HDLC-EPROM (50.14.2009)	0	Q 4	50.03.0523	ZTX651	ZTX 651
	0	IC 2 IC 3	1.950.940.21 50.14.1010	TC551001-85		0	Q 5	50.03.0523	ZTX651	ZTX 651
1	0	IC 3	50.14.1010		SRAM 128K*8, 85ns	0	Q 6	50.03.0523	ZTX651	ZTX 651
	-	,	30.17.1010		=1 ==	0	Q 7	50.03.0523	ZTX651	ZTX 651

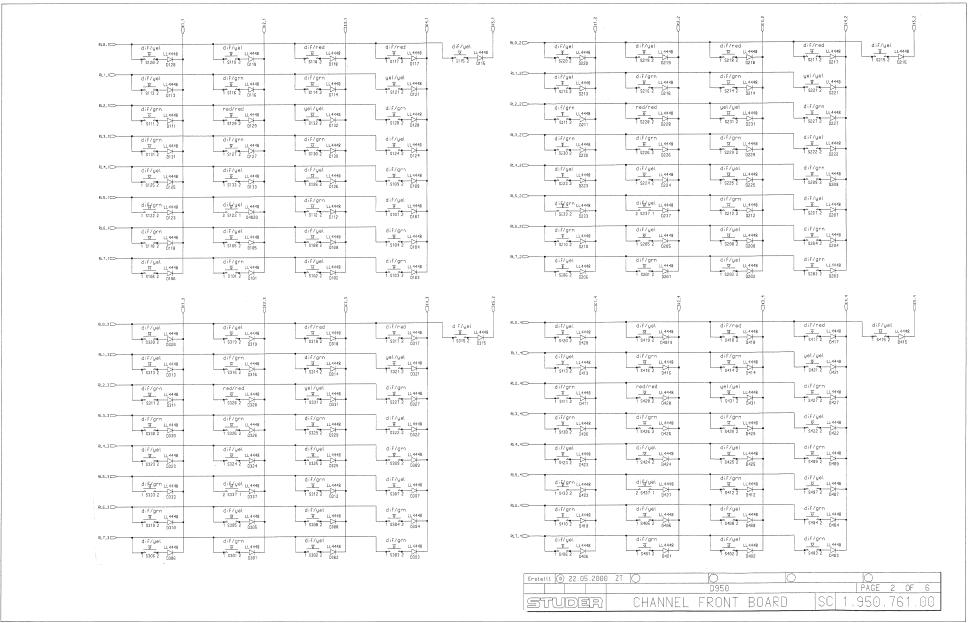


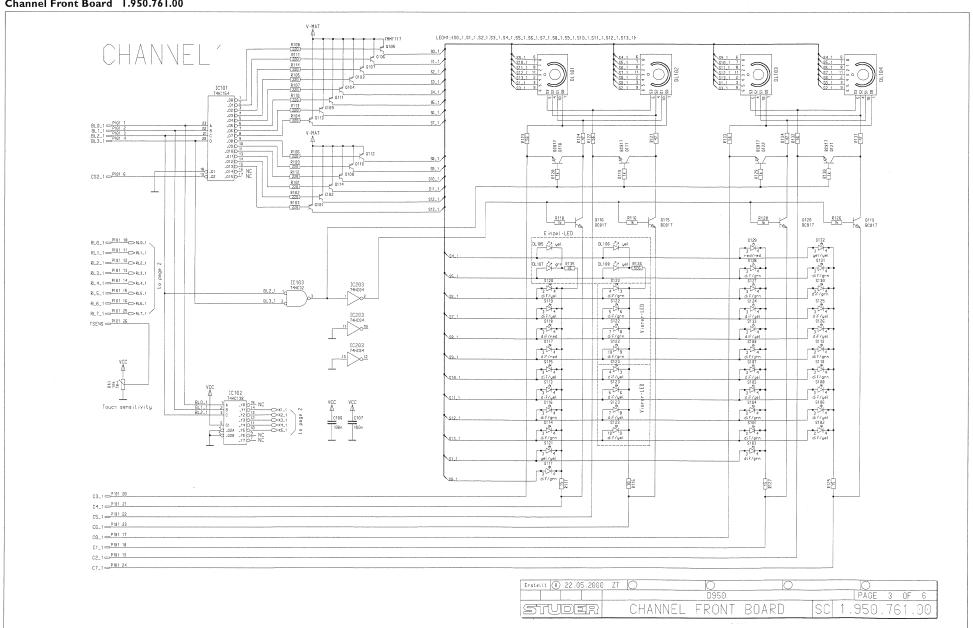


Channel Controller Board 1.950.756.20

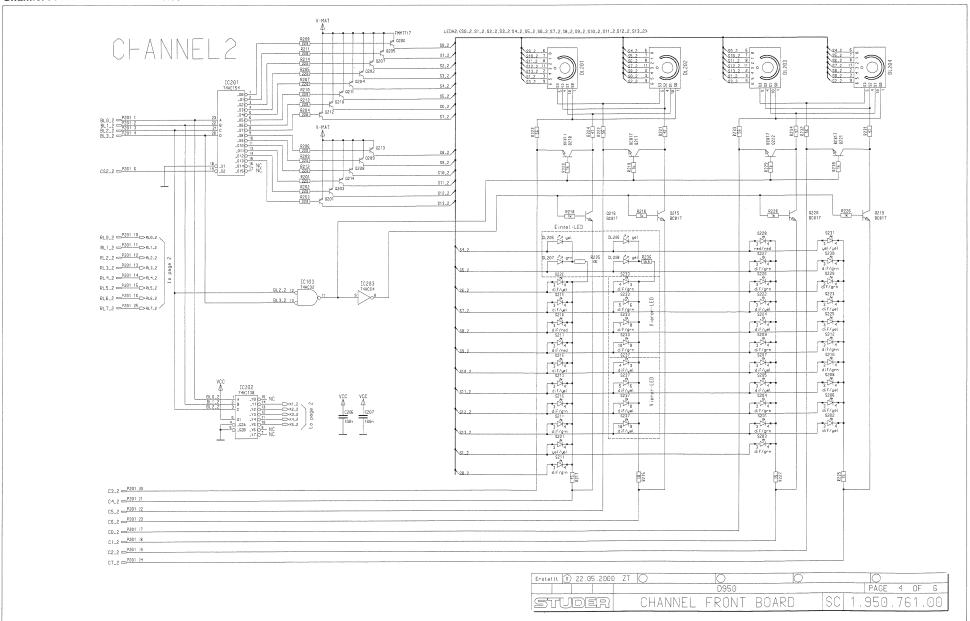
. Pos.	Part No. Qty.	Type/Val.	Description	ldx.	Pos.	Part No. Qty.	Type/Vai.	Description
Q 8	50.03.0523	ZTX651	ZTX 651	0	R 43	57.11.3101	100R	MF, 1%, 0207
Q 9	50.03.0523	ZTX651	ZTX 651	0	R 44	57.11.3101	100R	MF, 1%, 0207
Q 10	50.03.0523	ZTX651	ZTX 651	0	R 45	57.11.3271	270R	MF, 1%, 0207
Q 11	50.03.0523	ZTX651	ZTX 651	0	R 46	57.11.3821	820R	MF, 1%, 0207
Q 12	50.03.0523	ZTX651	ZTX 651	. 0	R 47	57.11.3473	47k	MF, 1%, 0207
Q 12	50.03.0523	ZTX651	7TX 651	0	R 48	57.11.3220	22R	
Q 14	50.03.0523	ZTX651	ZTX 651	0	R 49			MF, 1%, 0207
						57.11.3220	22R	MF, 1%, 0207
Q 15	50.03.0523	ZTX651	ZTX 651	0	R 50	57.11.3220	22R	MF, 1%, 0207
Q 16	50.03.0523	ZTX651	ZTX 651	0	R 51	57.11.3220	22R	MF, 1%, 0207
Q 17	50.03.0523	ZTX651	ZTX 651	0	R 52	57.11.3220	22R	MF, 1%, 0207
Q 18	50.03.0523	ZTX651	ZTX 651	0	R 53	57.11.3220	22R	MF, 1%, 0207
Q 19	50.03.0523	ZTX651	ZTX 651	0	R 54	57.11.3332	3k3	MF, 1%, 0207
Q 20	50.03.0352	ZTX751S	ZTX 751 S	0	R 55	57.11.3332	3k3	MF, 1%, 0207
Q 21	50.03.0352	ZTX751S	ZTX 751 S	0	R 56	57.11.3221	220R	MF, 1%, 0207
Q 22	50.03.0352	ZTX751S	ZTX 751 S	0	R 57	57.11.3101	100R	MF, 1%, 0207
Q 23	50.03.0352	ZTX751S	ZTX 751 S	0	R 58			
						57.11.3101	100R	MF, 1%, 0207
Q 24	50.03.0352	ZTX751S	ZTX 751 S	0	R 59	57.11.3101	100R	MF, 1%, 0207
Q 25	50.03.0352	ZTX751S	ZTX 751 S	0	R 60	57.11.3101	100R	MF, 1%, 0207
Q 26	50.03.0352	ZTX751S	ZTX 751 S	0	R 61	57.11.3100	10R	MF, 1%, 0207
Q 27	50.03.0352	ZTX751S	ZTX 751 S	0	R 62	57.11.3332	3k3	MF, 1%, 0207
Q 28	50.03.0352	ZTX751S	ZTX 751 S	0	R 63	57.11.3271	270R	MF, 1%, 0207
Q 29	50.03.0352	ZTX751S	ZTX 751 S	0	R 64	57.11.3271	270R	MF, 1%, 0207
Q 30	50.03.0352	ZTX751S	ZTX 751 S		R 65	57.11.3271	270R	MF, 1%, 0207
Q 31	50.03.0352	ZTX751S	ZTX 751 S	0	R 66	57.11.3271	270R	MF, 1%, 0207
				0	R 67			
Q 32	50.03.0352	ZTX751S	ZTX 751 S			57.11.3101	100R	MF, 1%, 0207
Q 33	50.03.0352	ZTX751S	ZTX 751 S	0	R 68	57.11.3103	10k	MF, 1%, 0207
Q 34	50.03.0352	ZTX751S	ZTX 751 S	0	R 69	57.11.3113	11k	MF, 1%, 0207
Q 35	50.03.0352	ZTX751S	ZTX 751 S	0	R 70	57.11.3102	1k0	MF, 1%, 0207
Q 36	50.03.0352	ZTX751S	ZTX 751 S	0	R 71	57.11.3103	10k	MF, 1%, 0207
Q 37	50.03.0352	ZTX751S	ZTX 751 S	0	R 72	57.11.3000	0R0	MF, 0207
Q 38	50.03.0352	ZTX751S	ZTX 751 S					
Q 39	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 1	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
			ZTX 751 S	0	RZ 2			8*R Resistor-Netw 2% SIP9
Q 40	50.03.0352	ZTX751S				57.88.4473	47k	
Q 41	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 3	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
Q 42	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 4	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
Q 43	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 5	57.88.4473	47k	8*R Resistor-Netw 2% SIP9
Q 44	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 6	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 45	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 7	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 46	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 8	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 47	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 9	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
		ZTX751S	ZTX 751 S	0	RZ 10		47k	8*R Resistor-Netw 2% SIP9
	50.03.0352			0		57.88.4473		
	50.03.0352	ZTX751S	ZTX 751 S		RZ 11	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 50	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 12	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
Q 51	50.03.0352	ZTX751S	ZTX 751 S	0	RZ 13	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
				0	RZ 14	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R 1	57.11.3000	0R0	MF, 0207	0	RZ 15	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R 2	57.11.3332	3k3	MF, 1%, 0207	0	RZ 16	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R 3	57.11.3102	1k0	MF, 1%, 0207	0	RZ 17	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
R4	57.11.3472	4k7	MF, 1%, 0207	0	RZ 18	57.88.2221	220R	4*R Resistor-Netw 2% SIP9
	57.11.3332	3k3		U	10	01.00.2221	22011	Nesister-Netw 2/6 off9
R 5			MF, 1%, 0207	^	C 1	EE 02 0400	1**	C 1 TACTE 4*A DESTRICT
R 6	57.11.3473	47k	MF, 1%, 0207	0	S 1	55.03.0122	1*a	S 1 TASTE, 1*A, PRINT, IMPUL
R 7	57.11.3103	10k	MF, 1%, 0207	0	S 2	55.01.0168	8*a	SZ , 8*A, DIL
R 8	57.11.3473	47k	MF, 1%, 0207					
R 9	57.92.7053	1.6A	POLY- PTC, 30V	0	XIC 2	53.03.0184	32p	DIL 0.6", löt, gerade
R 10	57.11.3100	10R	MF, 1%, 0207	0	XIC 3	53.03.0184	32p	DIL 0.6", löt, gerade
R 11	57.11.3101	100R	MF, 1%, 0207	0	XIC 4	53.03.0184	32p	DIL 0.6", löt, gerade
R 12	57.11.3684	680k	MF, 1%, 0207	0	XIC 5	53.03.0184	32p	DIL 0.6", löt, gerade
R 13	57.11.3103	10k	MF, 1%, 0207	0	XIC 8	53.03.0165	20p	DIL 0.3", löt, gerade
R 14	57.11.3103	10k	MF, 1%, 0207	0	XIC 9	53.03.0168	16p	DIL 0.3", löt, gerade
R 15	57.11.3220	22R	MF, 1%, 0207	0	XIC 18	53.03.0218		single-in-line
	57.11.3332	3k3	MF, 1%, 0207	_			1p	•
R 16		4.0A	POLY- PTC, 30V	۵	XIC 23	53.03.0218	1p	single-in-line
R 17	57.92.7058			0	XIC 24	53.03.0173	28p	DIL 0.6", löt, gerade
R 18	57.11.3103	10k	MF, 1%, 0207	0	XIC 25	53.03.0182	24p	DIL 0.3", löt, gerade
R 19	57.11.3473	47k	MF, 1%, 0207					
R 20	57.92.7053	1.6A	POLY- PTC, 30V	0	Y 1	89.01.1009	16.000MHz	16.000 000 MHz, HC 49/U
R 21	57.11.3473	47k	MF, 1%, 0207					•
R 22	57.11.3100	10R	MF, 1%, 0207				- End of List -	
R 23	57.11.3332	3k3	MF, 1%, 0207	٥-	mmante			
R 24	57.11.3332	3k3	MF, 1%, 0207		mments	DEDT OUT TWO		
R 25	57.11.3220	22R	MF, 1%, 0207			ISERT, CUT PIN2 IND PIN2 ON SOLDERIN	IG SIDE	
		22R	MF, 1%, 0207	CON	MINEO I PIN'I A	TINE ON SULDERIF	O SIDE	
R 26	57.11.3220							
R 27	57.11.3220	22R	MF, 1%, 0207					
R 28	57.11.3220	22R	MF, 1%, 0207					
R 29	57.11.3220	22R	MF, 1%, 0207					
R 30	57.11.3220	22R	MF, 1%, 0207					
R 31	57.11.3220	22R	MF, 1%, 0207					
R 32	57.11.3220	22R	MF, 1%, 0207					
	57.11.3220	22R	MF, 1%, 0207					
R 33	57.11.3220	22R	MF, 1%, 0207					
R 33 R 34		100R	MF, 1%, 0207					
R 34	57.11.3101							
R 34 R 35	57.11.3101	100R	MF, 1%, 0207					
R 34 R 35 R 36		100R	MF, 1%, 0207					
R 34 R 35 R 36 R 37	57.11.3101							
R 34 R 35 R 36		100R	MF, 1%, 0207					
R 34 R 35 R 36 R 37	57.11.3101							
R 34 R 35 R 36 R 37 R 38	57.11.3101 57.11.3101	100R	MF, 1%, 0207					
R 34 R 35 R 36 R 37 R 38 R 39	57.11.3101 57.11.3101 57.11.3331	100R 330R	MF, 1%, 0207 MF, 1%, 0207					

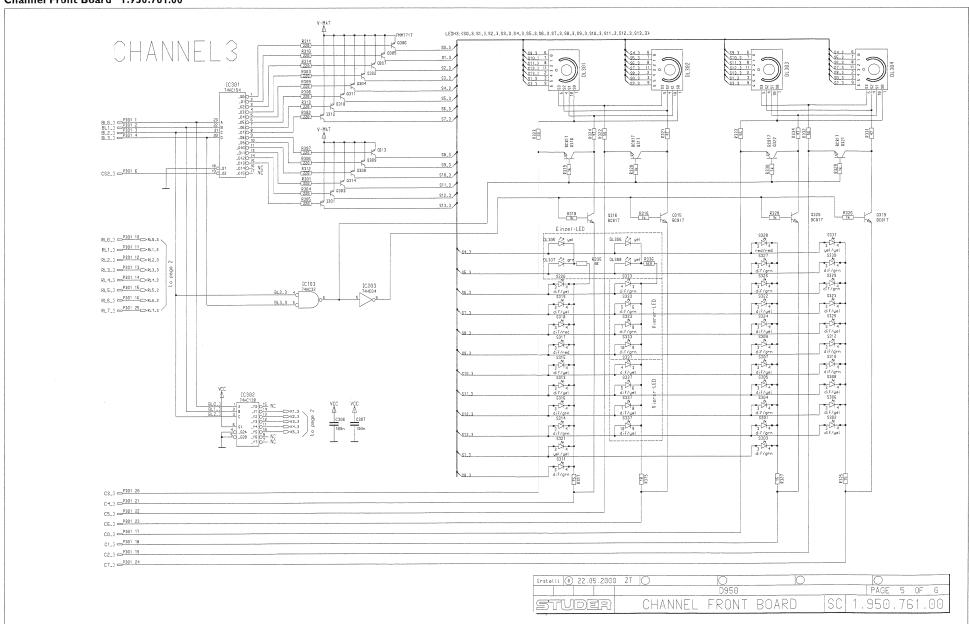




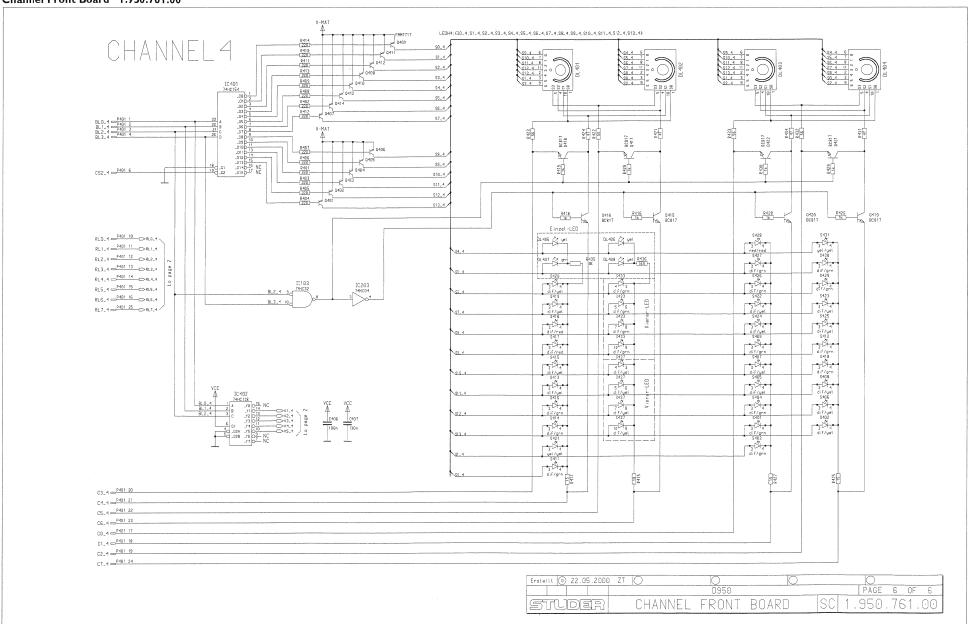


Channel Front Board 1.950.761.00

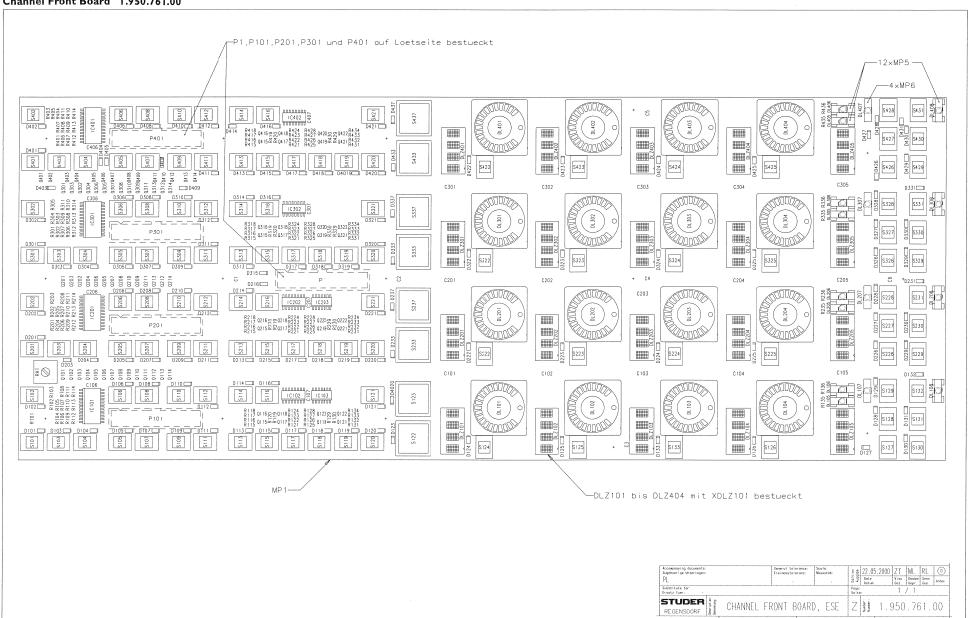




Channel Front Board 1.950.761.00



Channel Front Board 1.950.761.00



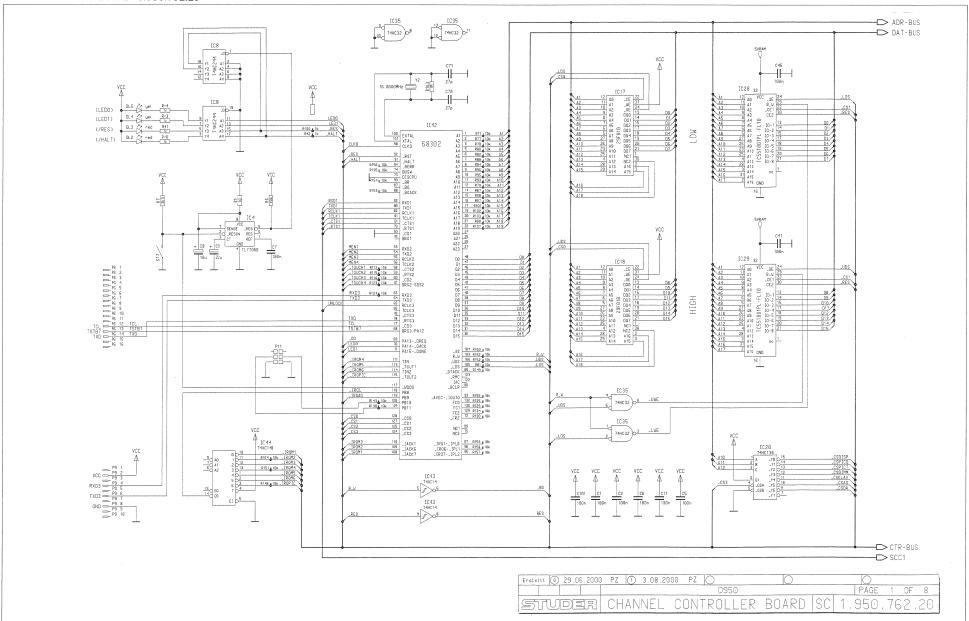
D950 Mixing Console STUDER

Channel Front Board 1.950.761.00

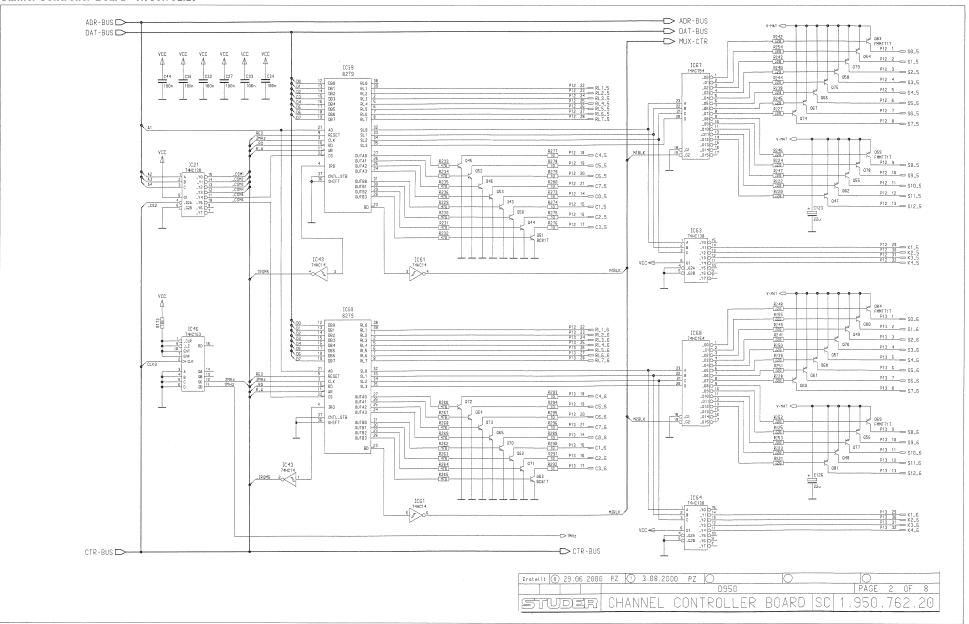
						<u>'</u>	_							
ldx Pos.	Part No. Cty. Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
0 C1	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 219	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 D 4019	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 P 301	54.14.4226	26p	1/20" Au, gerade, Actionpin
0 C2	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 220	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 D 4020	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 P 401	54.14.4226	26p	1/20" Au, gerade, Actionpin
0 C3	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 221	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 101	50.04.2860 1 nce		LED Ring	0 0 101	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C4	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 222	50.80.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 101	50.04.2860 1 pce		LED Ring	0 0 102	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C5	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 223	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 102	50.04.2660 1 pce 50.04.2860 1 pce		LED Ring	0 0 103	50 60 1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C6	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 224	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 103	50.04.2860 1 pce		LED Ring	0 Q 104	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 101	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 225	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 105	50.60.9413 1 noe	vel	SMD LED 2.7*3.5	0 Q 105	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 102	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 226	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 106	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 Q 106	50.60,1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 103	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 227	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 107	50.60.9414 1 nce	grn	SMD LED 2.7 3.5	0 Q 107	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 104	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 228	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 107	50.60.9413 1 pce	vel	SMD LED 2.7*3.5	0 Q 108	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 105	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 229	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 100	50.04.2860 1 pce	yes	LED Ring	0 Q 109	50,60,1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 106	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 230	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 202	50.04.2860 1 pce		LED Ring	0 Q 110	50,60,1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 107	59.60.3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 231	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 202	50.04.2860 1 pce		LED Ring	0 Q 111	50,60,1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 201	59.60.3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 233	50.80.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 203	50.04.2860 1 pce		LED Ring	0 Q 112	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 202	59.60.3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 237	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 205	50.60.9413 1 pce	vel	SMD LED 2.7*3.5	0 Q 113	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 203	59.60.3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 301	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 205	50.60.9413 1 pce	yei	SMD LED 2.7*3.5	0 Q 114	50,60,1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 204	59.60.3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 302	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 207	50.60.9414 1 nce	arn	SMD LED 2.7 3.5	0 Q 115	50.60,0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 C 205	59.60.3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 303	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 208	50.60.9413 1 pce	yol	SMD LED 2.7 3.5	0 Q 116	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 C 206	59.60,3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 304	50.50.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 200	50.04.2860 1 pce	yeı	LED Ring	0 Q 117	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 C 207	59.60.3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 305	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 301	50.04.2860 1 pce		LED Ring	0 Q 118	50,60,0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 C 301	59.60.3337 1 pce 100n	CER 50V, 10%, X7R 0805	0 D 306	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 303	50.04.2860 1 pce		LED Ring LED Ring	0 Q 119	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 C 302	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 307	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 303	50.04.2860 1 pce 50.04.2860 1 pce		LED Ring	0 Q 120	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 C 303	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 308	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 304		uel	SMD LED 2 7*3 5	0 Q 121	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 C 304	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 309	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 305 0 DL 306	50.60.9413 1 pce 50.60.9413 1 pce	yel	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 Q 122	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 C 305	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 310	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 306	50.60.9413 1 pce 50.60.9414 1 pce	yel	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 Q 201	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 - C 308	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 311	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 307		gm		0 Q 202	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 307	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 312	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 308	50.60.9413 1 pce 50.04.2860 1 pce	yeı	SMD LED 2.7*3.5	0 Q 203	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 406	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 313	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 401 0 DL 402	50.04.2860 1 pce 50.04.2860 1 pce		LED Ring LED Ring	0 Q 204	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 C 407	59.60.3337 1 pce 100n	CER 50V, 10%, X7R, 0805	0 D 314	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 402	50.04.2860 1 pce		LED Ring	0 Q 205	50 60 1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 315	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 403	50.04.2860 1 pce		LED Ring	0 Q 206	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 101		200mA 75V 4ns SOD 80	0 D 316	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 404	50.04.2600 1 pce 50.60.9413 1 pce		SMD LED 2.7*3.5	0 0 207	50,60,1101 1 pce	EMMT717	PNP 12V 1 5A SOT 23
0 D 102		200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 317	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 405	50.60.94°3 1 pce	yei vei	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 Q 208	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 103	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 318	50.50.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 406			SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 Q 209	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 104	50.60.8001 1 pce 4448	2001181 101 1110 000 11	0 D 319	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80		50.60.94'4 1 pce 50.60.94'3 1 pce	grn	SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 Q 210	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 105	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 320	50.50.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 408	50,60,94°3 1 pce	yel	SMD LED 2.7-3.5	0 Q 211	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 106	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 321	50.50.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 101	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 0 212	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 107	50.60.8001 1 pce 4448	2001111 101 1110 222 22	0 D 322	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 102	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 213	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 108	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 323	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 103	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 0 214	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 109	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 324	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 104	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 215	50 60 0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 110	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 325	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 105	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 0 216	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SQT 23
0 D 111	00.00.0001 1 poo 1110	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 326	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 201	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 217	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 112	00,00.0001 1 pos 1110	20011111 101 1110 00000	0 D 327	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 202	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 218	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 113	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 328	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 203	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 219	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 114	50,60,8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 329	50.30,8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 204	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 220	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 115	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 330	50.30,8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 205	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 221	50.60.0050 1 pce	BC817-25	
0 D 116 0 D 117	50.60.8001 1 pce 4448 50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 331	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 301	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 222	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
			0 D 333	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 302	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 0 301	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
0 D 118	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 337	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 303	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 0 302	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 119	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 401	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 304	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 303	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 120	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 402	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 305	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 303	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 121	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 403	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 401	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 305	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 123	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 404	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 402	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 0 306	50.60.1101 1 pce	EMMT717	PNP 12V 1.5A SOT 23
0 D 124	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 405	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 403	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 306	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 125	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 406	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 404	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 0 308	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 126	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 407	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DLZ 405	73.01.0408 1 pce	4digit	5*7 Dot matrix display green	0 Q 309	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 127	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 408	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80				4 646 1 - 4 61 - 1	0 Q 309	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 128	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 409	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 101	50.62.1154 1 pce	74HC154	1-of-16 decoder/demux	0 Q310 0 Q311	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 129	50,60,8001 1 pce 4448 50,60,8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 410	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 102	50.62.1138 1 pce	74HC138	3 to 8 line decoder Ouad 2input OR	0 0312	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 130	00.00.0001 1 000 4440	2001101 104 1110 000 00	0 D 411	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 103	50.62.1032 1 pce	7-4110 02	adda Empar or c	0 Q 312	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 131 0 D 132	50.60.8001 1 pce 4448 50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 412	50.30.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 201	50.62.1154 1 pce	74HC154	1-of-16 decoder/demux	0 0 314	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
		200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 413	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 202	50.62.1138 1 pce	74HC138	3 to 8 line decoder	0 Q 314 0 Q 315	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 133			0 D 414	50.80.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 203	50.62.1004 1 pce	74HC 04	Hex inverter	0 Q315	50.60.0050 1 pce	BC817-25	
0 D 201 0 D 202	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 415	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 301	50.62.1154 1 pce	74HC154	1-of-16 decoder/demux	0 0317	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 416	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 302	50.62.1138 1 pce	74HC138	3 to 8 line decoder	0 0 318	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 203	50.60.8001 1 pce 4448 50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 417	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 401	50.62.1154 1 pce	74HC154	1-of-16 decoder/demux	0 Q 310	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 204		200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 418	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 402	50.62.1138 1 pce	74HC138	3 to 8 line decoder	0 Q 320	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 205	50.60.8001 1 pce 4448	Louis Tot The God of	0 D 420	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 MP 1	1,950.761.12 1 pce		CHANNEL FRONT BOARD PCB	0 0 321	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 206	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 421	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 MP2	1.950.761.10 1 pce		NR. ETIKETTE 5 * 20	0 Q 322	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
0 D 207	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 422	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 MP3	43.01.0108 1 pce	Label	ESF-WARNSCHILD	0 0 401	50.60.0050 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 208	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 423	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 MP5	50.60.9411 12 pcs	d3	Lichtleiter für LED	0 Q 401	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 209	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 424	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 MP6	50.60.9411 12 pcs 50.60.9416 4 pcs	3.7/7*12	Lichtleiter für LED rechteckig	0 Q 402 0 Q 403	50.60.1101 1 pce	FMMT717	
0 D 210	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 425	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80					0 0 404	50.60.1101 1 pce	FMMT717	
0 D 211	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 426	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 P1	54.14.4226	26p	1/20" Au, gerade, Actionpin	0 Q 404	50.60.1101 1 pce	FMMT717	
0 D 212	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 427	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 P 101	54.14.4226	26p	1/20" Au, gerade, Actionpin	0 Q 405	50.60.1101 1 pce 50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 D 213	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 428	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 P 201	54.14.4226	26p	1/20" Au, gerade, Actionpin	0 Q 406	50.60.1101 1 pce	FMMT717	
0 D 214	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 429	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80					0 Q 407 0 Q 408	50.60.1101 1 pce 50.60.1101 1 pce	FMM1717	
0 D 215	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 430	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80					0 Q 408 0 Q 409		FMMT717	
0 D 216	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 D 431	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80						50.60.1101 1 pce	FMMT/17 FMMT717	
					4448	***					0 O 410	50.60.1101 1 pce		
0 D 217 0 D 218	50.60.8001 1 pce 4448 50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 D 433 0 D 437	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80					0 Q 411	50.60.1101 1 pce		PNP 12V 1.5A SOT 23

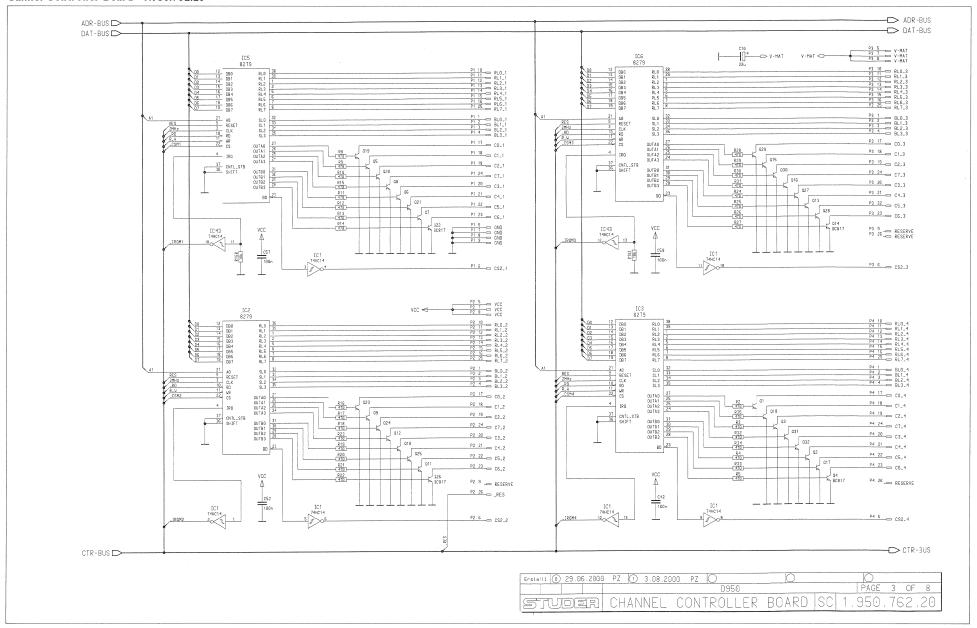
Channel Front Board 1.950.761.00

Pos.	Part No. Qty.	Type/Val.	Description	ldx Pcs.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
Q 412 5	0.60.1101 1 pce	FMMT717	PNP 12V 1 5A SOT 23	0 R 233	57.60.1560 1 pce	56R	ME 1% 0204 E24	0 R 436	57.60.1569 1 pce	5R6	MF, 1%, 0204, E24	0 S 311	55.15.0605 1 pce	1*a	0.44 5
	0.60.1101 1 pce		PNP 12V 1.5A SOT 23	0 R 234	57.60.1470 1 pce	47R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	U R 430	37.00.1308 1 pce	SNO	Wr, 176, 0204, E24	0 S 311	55.15.0605 1 pce 55.15.0605 1 pce	1*a	Switch 5mm, grn/transpa Switch 5mm, grn/transpa
	0.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 235	57.60.1000 1 pge	080	MF 0204	0 RA1	58.01.8103 1 pce	10k	Cermet, 10%, 0.5W, horizontal	0 8 3 1 3	55.15.0602 1 pce	1*a	Switch 5mm, red/transpi
	0.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 236	57.60.1569 1 pce	5R6	MF, 1%, 0204, E24	0 8 101	55.15.0605 1 pce	1*a	Switch 5mm. grn/transparent	0 S 314	55.15.0605 1 pce	1*a	Switch 5mm, red/transpi
	0.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 301	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 8 102	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 8 315	55.15.0602 1 pce	1*a	Switch 5mm, red/transpi
	0.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 302	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 5 102	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent	0 S 316	55.15.0605 1 pce	1*a	Switch 5mm, grn/transp
	0.60.0050 1 pce		NPN 45V 800mA SOT 23	0 R 303	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 S 103	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent	0 S 317	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
	0.60.0050 1 pce		NPN 45V 800mA SOT 23	0 R 304	57.60.1221 1 pce	220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 104 0 S 105	55.15.0604 1 pce	1*a 1*a	Switch 5mm, yel/transparent	0 S318	55.15.0604 1 pce	1*a	
	0.60.0050 1 pce		NPN 45V 800mA SOT 23	0 R 305	57.60.1221 1 pce	220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24			1*a		0 S319	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
	0.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 306	57.60.1221 1 pce	220R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 106 0 S 107	55.15.0604 1 pce	1*a 1*a	Switch 5mm, yel/transparent	0 8 3 2 0	55.15.0604 1 pce 55.15.0604 1 pce	1*a 1*a	Switch 5mm, yel/transp
	0.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 307	57.60.1221 1 pce	220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S107	55.15.0604 1 pce 55.15.0604 1 pce	1*a 1*a	Switch 5mm, yel/transparent Switch 5mm, yel/transparent	0 S 320	55.15.0644 1 pce	1*a	Switch 5mm, yel/transp
	0.00.0000 1 pce	50017-25	NFN 43V 60011M 301 23	0 R 308	57.60.1221 1 pce	220R				1*a		0 S 321	55.15.0604 1 pce	1*a 1*a	Switch 5mm, yel/yel
01 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 309	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 S 109 0 S 110	55.15.0605 1 pce 55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent	0 S 322			Switch 5mm, yel/transp
02 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 310	57.60.1221 1 pce		MF, 1%, 0204, E24				Switch 5mm, gm/transparent	0 S 323		1*a	Switch 5mm, yel/transp
03 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R311	57.60.1221 1 pce	220R 220R	MF, 1%, 0204, E24 MF 1% 0204 F24	0 S 111 0 S 112	55.15.0605 1 pce 55.15.0605 1 pce	1*a 1*a	Switch 5mm, gm/transparent	0 S 324	55.15.0604 1 pce 55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
04 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 312							Switch 5mm, gm/transparent			1*a	Switch 5mm, yel/transp
5 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 312	57.60.1221 1 pce 57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 S 113	55.15.0602 1 pce	1*a	Switch 5mm, red/transparent	0 S 326	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
06 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24			220R	MF, 1%, 0204, E24	0 S 114	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent	0 S 327	55.15.0605 1 pce	1*a	Switch 5mm, gm/trans
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 314	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 S 115	55.15.0602 1 pce	1*a	Switch 5mm, red/transparent	0 S 328	55.15.0622 1 pce	1*a	Switch 5mm, red/red
08 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 315	57.60.1100 1 pce	10R	MF, 1%, 0204, E24	0 S 116	55.15.0605 1 pce	1*a	Switch 5mm, grn/transparent	0 S 329	55.15.0605 1 pce	1*a	Switch 5mm, gm/transp
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 316	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 117	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 330	55.15.0605 1 pce	1*a	Switch 5mm, gm/transp
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 317	57.60.1150 1 pce	15R	MF, 1%, 0204, E24	0 S 118	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 331	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 318	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 119	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 333	55.15.0705 1 pce	1*a	Switch 12mm, gm/transp
	7.60.1221 1 pce	220R	MF. 1%, 0204, E24	0 R 319	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 120	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 337	55.15.0704 1 pce	1*a	Switch 12mm, yel/transp
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 320	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 121	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel	0 S 401	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1221 1 pce	220R	MF 1% 0204 E24	0 R 321	57.60.1470 1 pce	47R	MF, 1%, 0204, E24	0 S 122	55.15.0705 1 pce	1*a	Switch 12mm, gm/transparent	0 S 402	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
	7.60.1121 1 pce	10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 322	57.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 S 123	55.15.0704 1 pce	1*a	Switch 12mm, yel/transparent	0 S 403	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1100 1 pce	1k7	MF 1% 0204 E24	0 R 323	57.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 S 124	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 404	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1102 1 pce	15R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 324	57.60.1470 1 pce	47R	MF, 1%, 0204, E24	0 S 125	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 405	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
	7.60.1102 1 pce	15K 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 325	57.60.1150 1 pce	15R	MF, 1%, 0204, E24	0 S 126	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 406	55,15,0604 1 pce	1*a	Switch 5mm, yel/transp
	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 326	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 127	55.15.0605 1 pce	1*a	Switch 5mm, grn/transparent	0 S 407	55.15.0604 1 pce	1*a	Switch 5mm, yel/trans
				0 R 327	57.60.1150 1 pce	15R	MF. 1%, 0204, E24	0 S 128	55.15.0605 1 pce	1*a	Switch 5mm. grn/transparent	0 S 408	55.15.0604 1 pce	1*a	Switch 5mm, vel/transi
	7.60.1102 1 pce	1k0 47R	MF, 1%, 0204, E24	0 R 328	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24	0 S 129	55.15.0622 1 pce	1*a	Switch 5mm. red/red	0 S 409	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1470 1 pce		MF, 1%, 0204, E24	0 R 329	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 130	55.15.0605 1 pce	1*a	Switch 5mm, grn/transparent	0 S 410	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 R 330	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24	0 S 131	55.15.0605 1 pce	1*8	Switch 5mm, grn/transparent	0 S 411	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 R 331	57.60.1470 1 pce	47R	MF, 1%, 0204, E24	0 S 132	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel	Ô S 412	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1470 1 pce	47R	MF, 1%, 0204, E24	0 R 332	57.60.1560 1 pce	56R	MF. 1%, 0204, E24	0 S 132	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 413	55.15.0602 1 pce	1*a	Switch 5mm red/trans
	7.60.1150 1 pce	157	MF, 1%, 0204, E24	0 R 333	57.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 S 201	55.15.0605 1 pce	1*a	Switch 5mm, grn/transparent	0 S 414	55.15.0605 1 pce	1*a	
	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 334	57.60.1470 1 pce	47R	MF. 1%, 0204, E24	0 5 201	55.15.0605 1 pce 55.15.0604 1 pce	1*a		0 S 415	55.15.0605 1 pce 55.15.0602 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1150 1 pce	15R	MF, 1%, 0204, E24	0 R 335	57.60.1000 1 pce		MF. 0204	0 S 202	00:10:000 i i poo	1*a 1*a	Switch 5mm, yel/transparent	0 S 415	55.15.0602 1 pce 55.15.0605 1 pce	1*a 1*a	Switch 5mm, red/trans
	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 336	57.60.1569 1 pce	5R6	MF. 1%, 0204. E24		55.15.0605 1 pce		Switch 5mm, gm/transparent	0 S 416 0 S 417			Switch 5mm, grn/trans
	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 401	57.60.1369 pce 57.60.1221 pce	0110		0 S 204	55,15,0605 1 pce	1*a	Switch 5mm, grn/transparent		55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
50 5	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 401	57.60.1221 1 pce 57.60.1221 1 pce	220R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 205	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 418	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
31 5	7.60.1470 1 pce	47R	MF, 1%, 0204, E24	0 R 403				0 S 206	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 419	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
32 5	7.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 R 404	57.60.1221 1 pce 57.60.1221 1 pce		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 207	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 420	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
33 5	7.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 R 405				0 S 208	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 421	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel
34 5	7.60.1470 1 pce	47R	MF, 1%, 0204, E24	0 R 405	57.60.1221 1 pce 57.60.1221 1 pce		MF, 1%, 0204, E24	0 S 209	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent	0 S 422	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
35 5	7.60.1000 1 pce	0R0	MF, 0204	0 R 400	57.60.1221 1 pce		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 210	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent	0 S 423	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
36 5	7.60.1569 1 pce	5R6	MF, 1%, 0204, E24	0 R 408				0 S 211	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent	0 S 424	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
01 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 408	57.60.1221 1 pce		MF, 1%, 0204, E24	0 S 212	55.15.0605 1 pce	1*a	Switch 5mm, grn/transparent	0 S 425	55.15.0604 1 pce	1*a	Switch 5mm, yel/transp
2 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 409	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 S 213	55.15.0602 1 pce	1*a	Switch 5mm, red/transparent	0 S 426	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 410 0 R 411	57.60.1221 1 pce	220R 220R	MF, 1%, 0204, E24	0 S 214	55.15.0605 1 pce	1*a	Switch 5mm, grn/transparent	0 S 427	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
14 5	7.60.1221 1 pce	220R	MF, 1%, 0204, E24		57.60.1221 1 pce		MF, 1%, 0204, E24	0 S 215	55.15.0602 1 pce	1*a	Switch 5mm, red/transparent	0 S 428	55.15.0622 1 pce	1*a	Switch 5mm, red/red
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 412 0 R 413	57.60.1221 pce		MF, 1%, 0204, E24	0 S 216	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent	0 S 429	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24		57.60.1221 pce		MF, 1%, 0204, E24	0 S 217	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 430	55.15.0605 1 pce	1*a	Switch 5mm, grn/trans
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 414	57.60.1221 pce		MF, 1%, 0204, E24	0 S 218	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 431	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 415	57.60.1100 pce		MF, 1%, 0204, E24	0 S 219	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 433	55.15.0705 1 pce	1*a	Switch 12mm, grn/trans
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 416	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 220	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 S 437	55.15.0704 1 pce	1*a	Switch 12mm, yel/transp
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 417	57.60.1150 1 pce		MF, 1%, 0204, E24	0 S 221	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel	0 401240	53.03.0187 20 pcs	14p	DII 0 25 184 11-2
	7.60.1221 1 pce	220R	MF. 1%, 0204, E24	0 R 418	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 222	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	0 ADLZ 10	55.05.0187 Z0 pcs	r u p	DIL 0.3", löt, H=5
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 419	57.60.1102 1 pce		MF, 1%, 0204, E24	0 S 223	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent			End of Lis	it ————
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 420	57.60.1102 1 pce		MF, 1%, 0204, E24	0 S 224	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent				
	7.60.1221 1 pce	220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 421	57.60.1470 1 pce		MF, 1%, 0204, E24	0 S 225	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent	Comments			
	7.60.1100 1 pce	108	MF. 1%, 0234, E24 MF. 1%, 0234, E24	0 R 422	57.60.1560 1 pce		MF, 1%, 0204, E24	0 S 226	55.15.0605 1 pce	1*a	Switch 5mm, grn/transparent				
	7.60.1100 1 pce	1k0	MF, 1%, 0234, E24 MF, 1%, 0234, E24	0 R 423	57.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 S 227	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent				
	7.60.1150 1 pce	15R	MF, 1%, 0214, E24 MF, 1%, 0214, E24	0 R 424	57.60.1470 1 pce		MF, 1%, 0204, E24	0 S 228	55.15.0622 1 pce	1*a	Switch 5mm, red/red				
-	7.60.1150 1 pce 7.60.1102 1 pce	15R 1k0	,	0 R 425	57.60.1150 1 pce		MF, 1%, 0204, E24	0 S 229	55,15,0605 1 pce	1*a	Switch 5mm, gm/transparent				
	7.60.1102 1 pce 7.60.1102 1 pce		MF, 1%, 0204, E24	0 R 426	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 230	55.15.0605 1 pce	1*a	Switch 5mm. gm/transparent				
		1k0 1k0	MF, 1%, 0204, E24	0 R 427	57.60.1150 1 pce		MF, 1%, 0204, E24	0 S 231	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel				
	7.60.1102 1 pce 7.60.1470 1 pce	1k0 47R	MF, 1%, 0204, E24	0 R 428	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 233	55.15.0705 1 pce	1*a	Switch 12mm, grn/transparent				
			MF, 1%, 0204, E24	0 R 429	57.60.1102 1 pce		MF, 1%, 0204, E24	0 S 237	55.15.0704 1 pce	1*a	Switch 12mm, yel/transparent				
	7.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 R 430	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 S 301	55.15.0605 1 pce	1*a	Switch 12mm, yei/transparent Switch 5mm, grn/transparent				
	7.60.1560 1 pce	56R	MF, 1%, 0204, E24	0 R 431	57.60.1470 1 pce		MF, 1%, 0204, E24	0 S 302	55.15.0604 1 pce	1"a 1*a	Switch 5mm yel/transparent				
	7.60.1470 1 pce	47R	MF, 1%, 0204, E24	0 R 432	57.60.1560 1 pce		MF. 1%, 0204, E24 MF. 1%, 0204, E24	0 S 302	55.15.0605 1 pce	1*a 1*a					
	7.60.1150 1 pce		MF, 1%, 0204, E24	0 R 432	57.60.1560 1 pce		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 304	55.15.0605 1 pce 55.15.0605 1 pce	1*a 1*a	Switch 5mm, grn/transparent				
	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 434	57.60.1470 1 pce		,,	0 S 304	55.15.0604 1 pce		Switch 5mm, gm/transparent				
	7.60.1150 1 pce		MF, 1%, 0204, E24	0 R 434			MF, 1%, 0204, E24			1*a	Switch 5mm, yel/transparent				
	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24	U R 435	57.60.1000 1 pce	UKU	MF, 0204	0 S 306	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent				
	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24					0 S 307	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent				
0 57	7.60.1102 1 pce	1k0	MF, 1%, 0204, E24					0 S 308	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent				
								0 S 309	55.15.0605 1 pce	1*a	Switch 5mm grn/transparent				
1 57	7.60.1470 1 pce	47R	MF, 1%, 0204, E24					0 S 310	55.15.0605 1 pce	1 0	Owiton Jillin, grirtiansparent				

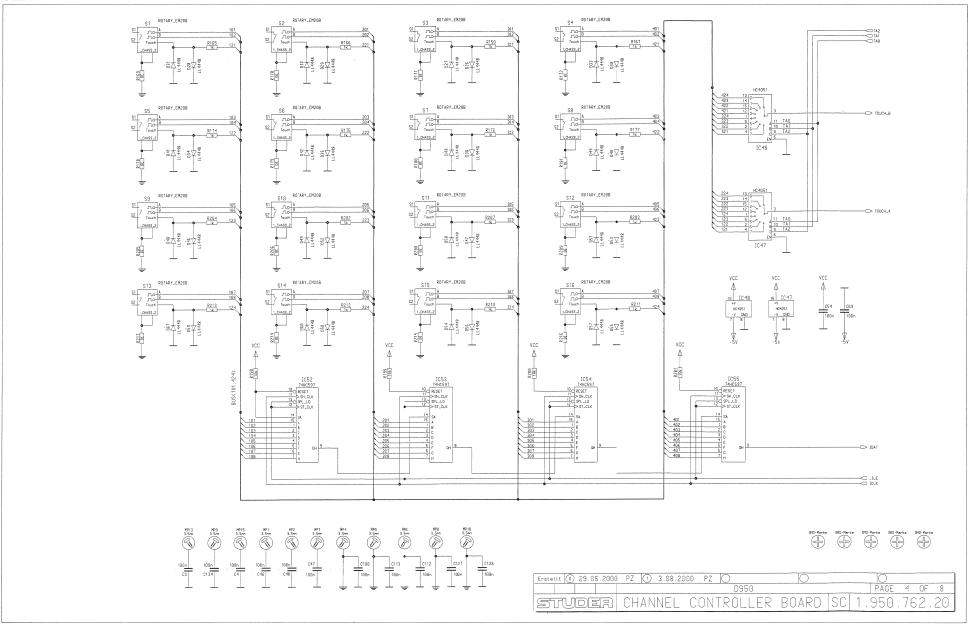


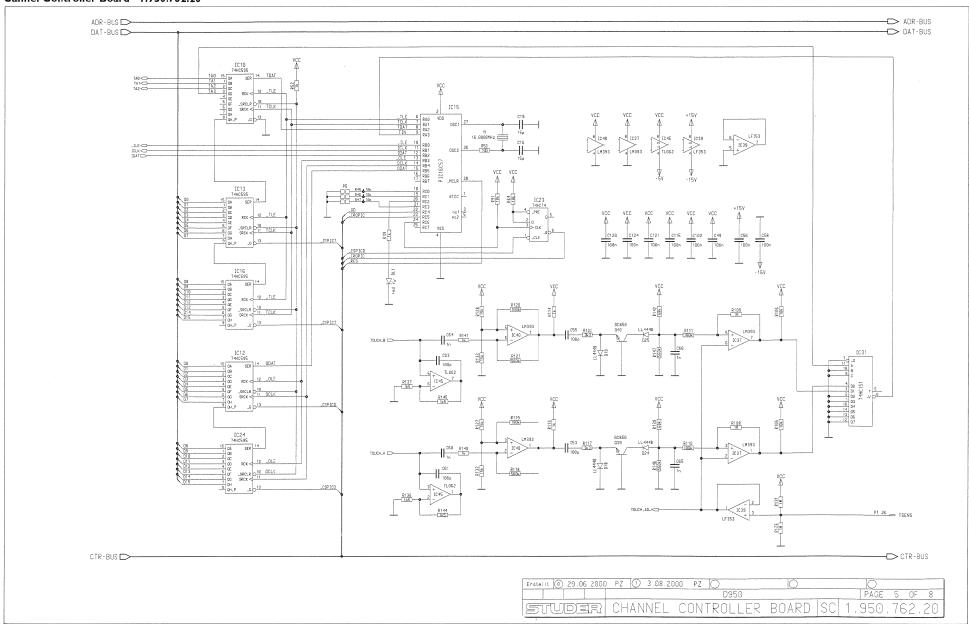
Cannel Controller Board 1.950.762.20



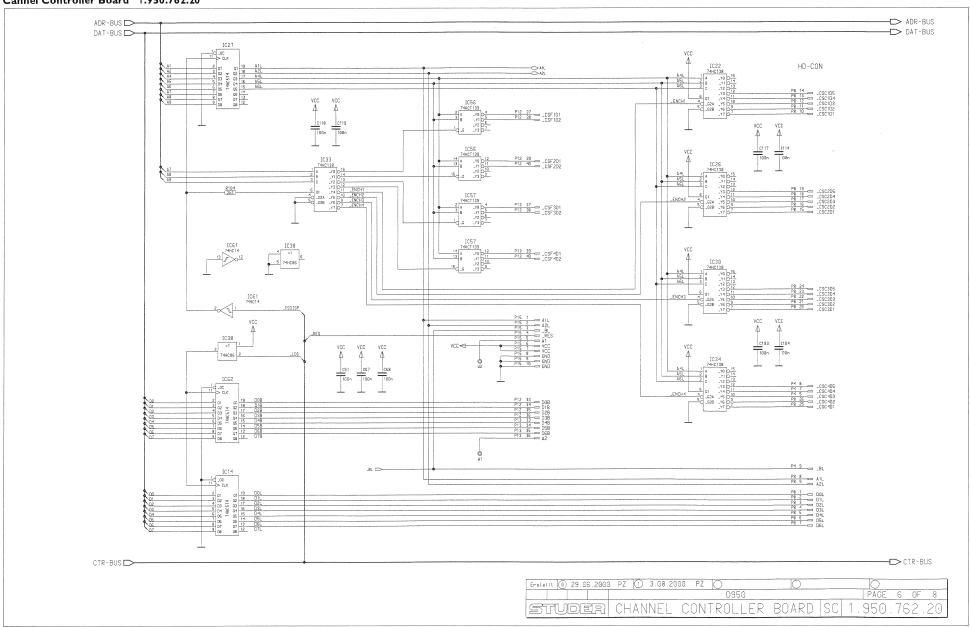


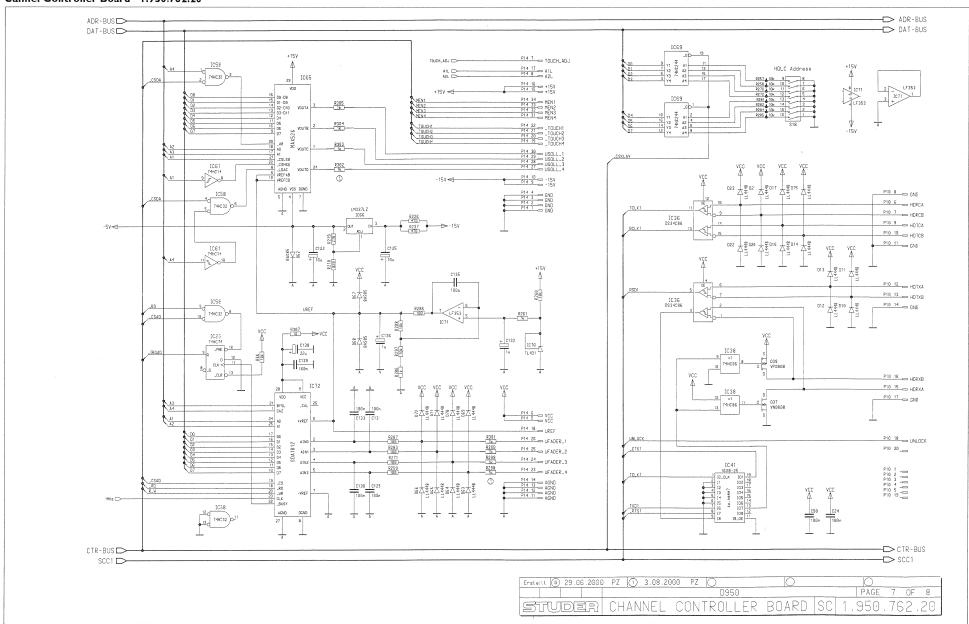
Cannel Controller Board 1.950.762.20

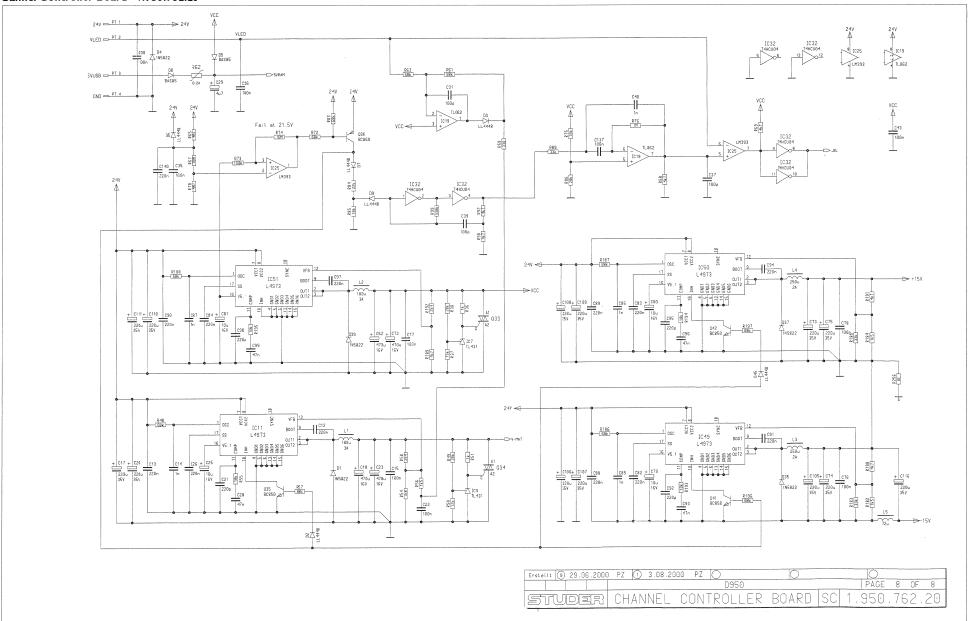


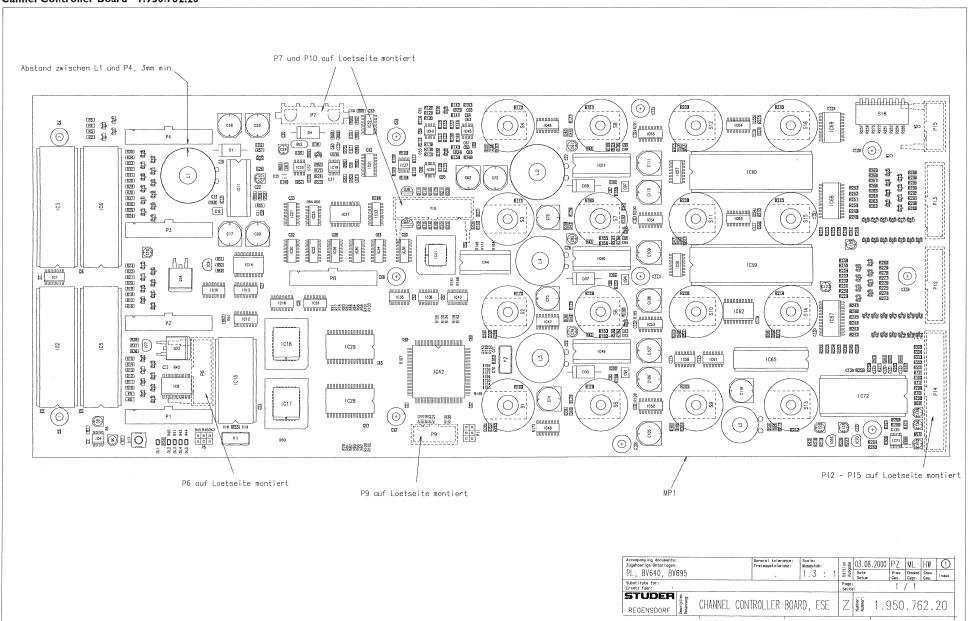


Cannel Controller Board 1.950.762.20









Cannel Controller Board 1.950.762.20

100 100	On On On On	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 83 0 C 84 0 C 85	59.60.3441 59.60.3441 59.60.2373		Type/Val. 220n 220n	CER 50V, 10%, X7R, 1206 CER 50V, 10%, X7R, 1206	0 D 25 0 D 26	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 IC 28 0 IC 29 0 IC 30	50.63.1504 50.63.1504	1 pce	551001 551001	SRAM 128K*8, 100ns SRAM 128K*8, 100ns
3337 1 pce 100r 3337 1 pce 200 3337 1 pce 22u 20025 1 pce 22u 20025 1 pce 22u 20025 1 pce 22u 20025 1 pce 22u 20026 2 pce 22u 20026 2 pce 22u	On On On On	DER 50V, 10%, X7R, 0805 DER 50V, 10%, X7R, 0805	0 C 84 0 C 85	59.60.3441	1 pce	220n					200mA 75V 4ns SOD 80	0 IC 29	50.63.1504	1 pce		
3337 1 pce 1007 3337 1 pce 1007 0065 1 pce 22u 0025 1 pce 220 0026 1 pce 220 0027 1 pce 220	On On On	CER 50V, 10%, X7R, 0805	0 C 85													
3337 1 pce 100r 3337 1 pce 100r 3337 1 pce 100r 3337 1 pce 100r 3337 1 pce 100r 3005 1 pce 22u 0025 1 pce 22u	On On					1n0	CER 50V. 5%, C0G, 0805	0 D 27	50.60.8001 1 pce	4448	200mA 75V 4ns SQD 80		50.62.1138	1 nce	74HC138	3 to 8 line decoder
3337 1 pce 100r 3337 1 pce 100r 3337 1 pce 100r 3337 1 pce 100r 0065 1 pce 10u 0025 1 pce 22u 0025 1 pce 22u 3337 1 pce 100r 0129 1 pce 220r 3441 1 pce 220r	0n	JER 30V, 1078, A/R, 0000	0 C 86	59.60.2373		1n3	CER 50V, 5%, C0G, 0805	0 D28	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 31	50.62.1151		74HC151	8 channel multiplexer
3337 1 pce 100r 3337 1 pce 100r 0065 1 pce 10u 0025 1 pce 22u 0025 1 pce 22u 3337 1 pce 100r 0129 1 pce 220r 3441 1 pce 220r		CER 50V. 10%, X7R, 0805	0 C 87	59.60.2373		1n0 1n0	CER 50V, 5%, C0G, 0805	0 D 29	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 32	50.62.1101		74HCU04	Hex inverter unbuffered
3337 1 pce 100r 0065 1 pce 10u 0025 1 pce 22u 0025 1 pce 22u 3337 1 pce 100r 0129 1 pce 220r 3441 1 pce 220r		SER 50V, 10%, X7R, 0805 SER 50V, 10%, X7R, 0805	0 C88	59.60.3441		223n	CER 50V, 10%, X7R, 1206	0 D29	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 33	50.62.1138		74HC138	3 to 8 line decoder
0065 1 pce 10u 0025 1 pce 22u 0025 1 pce 22u 3337 1 pce 100r 0129 1 pce 220r 3441 1 pce 220r		SER 50V, 10%, X7R, 0805	0 C89	59.60.3441		223n	CER 50V, 10%, X/R, 1206 CER 50V, 10%, X/R, 1206	0 D 31	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 34	50.62.1138		74HC138	3 to 8 line decoder
0025 1 pce 22u 0025 1 pce 22u 3337 1 pce 100r 0129 1 pce 220r 3441 1 pce 220r		EL 16V 4.0*5.7				22Jn 22Jn		0 D31	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 35	50.62.1032		74HC 32	Quad 2input OR
0025 1 pce 22u 3337 1 pce 100r 0129 1 pce 220r 3441 1 pce 220r				59.60.3441			CER 50V, 10%, X7R, 1206	0 D32	50.60.8001 1 pce 50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 IC 35	50.62.0463	1 pce	DS34C86	4*RS 422 Line Receiver
3337 1 pce 100r 0129 1 pce 220r 3441 1 pce 220r			0 C 91	59.63.0129		220n	PEN 50V, 5%, 1812					0 IC 30	50.61,9001		LM393	
0129 1 pce 220r 3441 1 pce 220r		EL 6V, 4.0*5.7	0 C 92	59.60.2257		223p	CER 50V, 5%, C0G, 0603	0 D 34	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 38			74HC 86	Dual voltage comp. SO 8
3441 1 pce 220r		CER 50V, 10%, X7R, 0805	0 C 93	59.60.3333		471	CER 50V, 10%, X7R, 0805	0 D 35	50.04.0519 1 pce	1N5822	3A, Schottky	0 IC 39	50.62.1086			Quad 2input EXOR
		PEN 50V, 5%, 1812	0 C 94	59.63.0129		223n	PEN 50V, 5%, 1812	0 D 36	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 40	50.61.0207 50.61.9001		LF353 LM393	Dual Op-Amp JFET SO 8
		CER 50V, 10%, X7R, 1206	0 C 95	59.60.2257		220p	CER 50V, 5%, C0G, 0603	0 D 37	50.04.0519 1 pce	1N5822	3A, Schottky			1 pce	LM393	Dual voltage comp. SO 8
2373 1 pce 1n0		CER 50V, 5%, C0G, 3805	0 C 96	59.60.3333		47n	CER 50V, 10%, X7R, 0805	0 D 38	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 41	1.950.950.20			SW771 HDLC (50.63.3000)
3337 1 pce 100r		CER 50V, 10%, X7R, 0805	0 C 97	59.63.0129		220n	PEN 50V, 5%, 1812	0 D39	50.04.0519 1 pce	1N5822	3A, Schottky	0 10 12			MC68302	MPU 16bit
2229 1 pce 15p		CER 50V, 5%, C0G, 3603	0 C98	59.60.2257		220p	CER 50V, 5%, C0G, 0603	0 D 40	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 43	50.62.1014		74HC 14	Hex Schmitt trigger inverter
0117 1 pce 220u		EL 35V, 10 *10.7	0 C 99	59.60.3333		47n	CER 50V, 10%, X7R, 0805	0 D 41	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 44	50.17.1148		74HC148	IC 74 HC 148 ., ,A
0075 1 pce 470ι		EL 16V, 10 *10.7	0 C 100	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 42	50,60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 45	50.61.0201		TL062	Dual FET Op-Amp
2229 1 pce 15p		CER 50V, 5%, C0G, 0803	0 C 101		1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 43	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 46	50.62.1163		74HC163	Synchr preset 4bit counter bi
0117 1 pce 220u		EL 35V, 10 *10.7	0 C 102	59,60,3337		100n	CER 50V, 10%, X7R, 0805	0 D 44	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 47	50.62.1951		74HC4051	8ch analog mux/demux
2257 1 pce 220p		CER 50V, 5%, C0G, 0603	0 C 103	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 45	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 48	50.62.1951	1 pce	74HC4051	8ch analog mux/demux
3337 1 pce 100r		CER 50V, 10%, X7R, 0805	0 C 104	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 46	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 49	50.10.0127		4973V3.3	Switching Reg 3.3V 3.5A
0075 1 pce 470u	Ou	EL 16V, 10*10.7	0 C 105	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 D 47	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 50	50.10.0127	1 pce	4973V3.3	Switching Reg 3.3V 3.5A
3337 1 pce 100r	0n	CER 50V, 10%, X7R, 0805	0 C 106	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 D48	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 51	50.10.0127	1 pce	4973V3.3	Switching Reg 3.3V 3.5A
0065 1 pce 10u	u	EL 16V, 4.0*5.7	0 C 107	59.68.0117		220u	EL 35V, 10 *10.7	0 D49	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 52	50.62.1597		74HC597	8bit latch/shift register
3441 1 pce 220r	On	CER 50V, 10%, X7R, 1206	0 C 108	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 D 50	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 53	50.62.1597	1 pce	74HC597	8bit latch/shift register
3337 1 pce 100r	0n	CER 50V, 10%, X7R, 0805	0 C 109	59.68.0117	1 pce	220u	EL 35V, '0 *10.7	0 D 51	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 54	50.62.1597	1 pce	74HC597	8bit latch/shift register
3333 1 pce 47n		CER 50V, 10%, X7R, 0805	0 C 110	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 D 52	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 55	50.62.1597		74HC597	8bit latch/shift register
0107 1 pce 4u7		EL 35V. 4.0*5.7	0 C 111	59.68.0117		220u	EL 35V. 10 *10.7	0 D 52	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 56	50.62.3139		74HCT139	Dual 2 to 4 line decoder
3337 1 pce 407		CER 50V. 10%. X7R. 0805	0 C 112	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 54	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 57	50.62.3139		74HCT139	Dual 2 to 4 line decoder
2249 1 pce 100r		CER 50V 5% COG 0603	0 C 113	59.60,3337		100n	CER 50V. 10%, X7R, 0805	0 D 55	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 58	50.62.1032		74HC 32	Quad 2input OR
3337 1 pce 100		CER 50V, 10%, X7R, 0805	0 C 114	59.60.3337		100n	CER 50V 10% X7R 0805	0 D 56	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 59	50.16.0703		82C79	TMP 82 C 79 P-2 (C-MOS)
3337 1 poe 1001 3337 1 poe 1001		CER 50V, 10%, X7R, 8805	0 C 115		1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 57	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 10 60	50.16.0703		82C79	TMP 82 C 79 P-2 (C-MOS)
3337 1 pce 1001		CER 50V, 10%, X7R, 0005	0 C 116	59.68.0117		220u	EI 35V 10*10.7	0 D 58	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 61	50.62.1014		74HC 14	Hex Schmitt trigger inverter
		CER 50V, 10%, X7R, 0805	0 C116	59.60.3337		100n	CER 50V. 10%. X7R. 0805	0 D 59	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 62	50.62.1574		74HC 14 74HC574	
			0 C117	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 60		4448	200mA 75V 4ns SOD 80	0 10.63			74HC574 74HC138	Octal D-FF
3337 1 pce 100s		CER 50V, 10%, X7R, 0805	0 C118		1 pce 1 pce	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 D60 0 D61	50.60.8001 1 pce 50.60.8001 1 pce	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 IC 63	50.62.1138		74HC138 74HC138	3 to 8 line decoder
2249 1 pce 100		CER 50V, 5%, C0G,0603	0 C119	59.60.3337		100n 100n	CER 50V, 10%, X/R, 0805 CER 50V 10%, X/R, 0805				200mA 75V 4ns SOU 80 200mA 30V Schottky SOD 80	0 IC 64 0 IC 65	50.62.1138			3 to 8 line decoder
3337 1 pce 100i		CER 50V, 10%, X7R, 0805	0 C120					0 D 62	50.60.8101 1 pce	BAS85			50.19.0113		MAX526D	D/A Converter 12bit
2249 1 pce 100		CER 50V, 5%, C0G,0603	0 C 121	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 63	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 66 0 IC 67	50.10.0109		LM337L	Series regulator 100mA37
2373 1 pce 1n0		CER 50V, 5%, C0G, 0805		59.68.0065		10u	EL 16V, 4.0*5.7	0 D 64	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80		50.62.1154		74HC154	1-of-16 decoder/demux
3337 1 pce 100s		CER 50V, 10%, X7R, 0805	0 C 123	59.68.0025		22u	EL 6V, 4.0*5.7	0 D 65	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 68	50.62.1154		74HC154	1-of-16 decoder/demux
3337 1 pce 100s		CER 50V, 10%, X7R, 0805	0 C 124	59.60,3337		100n	CER 50V, 10%, X7R, 0805	0 D66	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 69	50.62.1244		74HC244	Octal buffer line driver/recei
3337 1 pce 100s		CER 50V, 10%, X7R, 0805	0 C 125	59.68.0065		10u	EL 16V, 4.0*5.7	0 D 67	50.60.8101 1 pce	BAS85	200mA 30V Schottky SOD 80	0 IC 70	50.10.0106		TL431	Shunt regulator
3337 1 pce 100s		CER 50V, 10%, X7R, 0805	0 C 126	59.68.0025		22u	EL 6V, 4.0*5.7	0 D68	50.60.8101 1 pce	BAS85	200mA 30V Schottky SOD 80	0 IC 71	50.61.0207		LF353	Dual Op-Amp JFET SO 8
3337 1 pce 100s	0n	CER 50V, 10%, X7R, 0805	0 C 127	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 69	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 IC 72	50.19.0204	1 pce	ADS7832	A/D Converter 12bit 4ch mux
3337 1 pce 100s		CER 50V, 10%, X7R, 0805	0 C 128	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 70	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 L1	62.03.0035	1 nce	180uH	3A Toroid Chocke
3337 1 pce 100s		CER 50V, 10%, X7R, 0805	0 C 129	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 71	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 L2	62 03 0035		180uH	3A Toroid Chocke
3337 1 pce 100	l0n	CER 50V, 10%, X7R, 0805	0 C 130	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D72	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 L3	62.03.0025		250uH	2A Toroid Chocke
3337 1 pce 100	IOn	CER 50V, 10%, X7R, 0805	0 C 131	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 DL 1	50.60.9401 1 pce	red	SMD LED superred	0 L3	62.03.0025		250uH	2A Toroid Chocke
3337 1 pce 100	l0n	CER 50V, 10%, X7R, 0805	0 C 132	59.68.0127		1u0	EL 50V, 4.0*5.7					0 L4	62.03.0025		72uH	2A Toroid Chocke
3337 1 pce 100	IOn	CER 50V, 10%, X7R, 0805	0 C 133	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 DL 2	50.60.9401 1 pce	red	SMD LED superred	0 15	62.03.0015	1 pce	/2uH	2A Foroid Chocke
3337 1 pce 100	IOn	CER 50V, 10%, X7R, 0805	0 C 134	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 DL3	50.60.9401 1 pce	red	SMD LED superred	1 MP 1	1.950.762.13	1 pce		CHANNEL CONTROLLER P
2249 1 pce 100	10p	CER 50V, 5%, C0G,0603	0 C 135	59.60.2249		100p	CER 50V, 5%, C0G, 0603	0 DL4	50.60.9402 1 pce	yel	SMD LED yellow	0 MP 2	43.01.0108		Label	ESE-WARNSCHILD
3337 1 pce 100	ı0n	CER 50V, 10%, X7R, 0805	0 C 136	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7	0 DL 5	50.60.9402 1 pce	yel	SMD LED yellow	0 MP3	1.950.762.10	1 pce		NR. ETIKETTE 5 * 20
2249 1 pce 100	10p	CER 50V, 5%, C0G,0603	0 C 137	59.60,3337		100n	CER 50V. 10%, X7R, 0805	0 IC 1	50.62,1014 1 pce	74HC 14	Hex Schmitt trigger inverter					
3337 1 pce 100	i0n	CER 50V, 10%, X7R, 0805	0 C 138	59.68.0025		22u	EL 6V. 4.0*5.7	0 IC 2	50.16.0703 1 pce	82C79	TMP 82 C 79 P-2 (C-MOS)	0 P1	54.14.4126		26p	1/20" Au, gerade
3337 1 pce 100		CER 50V, 10%, X7R, 0805	0 C 139	59.60,3337		100n	CER 50V 10% X7R 0805	0 103	50.16.0703 1 pce	82C79	TMP 82 C 79 P-2 (C-MOS)	0 P2	54.14.4126		26p	1/20" Au, gerade
3337 1 pce 100		CER 50V, 10%, X7R, 0805	0 C 140	59.60.3441		220n	CER 50V, 10%, X7R, 1206	0 IC3	50.16.0703 1 pce 50.63.2001 1 pce	7705B	Reset Generator	0 P3	54.14.4126		26p	1/20" Au, gerade
3337 1 pce 100		CER 50V, 10%, X7R, 0805						0 IC 4	50.16.0703 1 pce	82C79	TMP 82 C 79 P-2 (C-MOS)	0 P4	54.14.4126		26p	1/20" Au, gerade
2373 1 pce 1n0		CER 50V. 5%. C0G.0805	0 D1	50.04.0519		1N5822	3A, Schottky	0 106	50.16.0703 1 pce 50.16.0703 1 pce	82C79 82C79	TMP 82 C 79 P-2 (C-MOS)	0 P5	54.11.0136		2*3p	Pin 0.63*0.63, RM2.54
			0 D2	50.60.8001		4448	200mA 75V 4ns SOD 80					0 P6	54.14.2102	1 pce	16p	P STECKER 16 P,AU,VR,
0075 1 pce 470												0 P7			4p	Buchse, 16A, vertikal, PCB
												0 P8	54.14.4126	1 pce	26p	1/20" Au, gerade
												0 P9			10p	1/20" Au, gerade, ohne Vern
	-											0 P10				P STECKER 20 P,AU,VR,
						4448						0 P11			2*3p	Pin 0.63*0.63. RM2.54
												0 P 12				1/40" PCB-con male. Au
			0 D9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 IC 13	50.62.1595 1 pce	74HC595	8bit shift/output register					1/40" PCB-con male, Au
			0 D10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 IC 14	50.62.1574 1 pce	74HC574	Octal D-FF					P STECKER 34 P.AU.VR.
			0 D11	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 IC 15	1.940.910.20 1 pce		SW940752 ROTARY-PIC ,A					
			0 D 12			4448	200mA 75V 4ns SOD 80			(50160301))	U P15	54.14.2101	ı pce	1Up	P STECKER 10 P,AU,VR,
2235 1 pce 27p			0 D 13			4448	200mA 75V 4ns SOD 80	0 IC 16	50.62.1595 1 pce	74HC595	8bit shift/output register	0 Q1	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
		EL 16V, 10 *10.7				4448	200mA 75V 4ns SOD 80	0 IC 17	1.950.951.20 1 pce		SW762 high (IC17 50.63,1303)	0 02			BC817-25	NPN 45V 800mA SOT 23
	0u	EL 35V, 10 *10.7				4448		0 IC 18	1.950.952.20 1 pce							NPN 45V 800mA SOT 23
0117 1 pce 220	0u	EL 35V, 10 *10.7						0 IC 19	50.61.0201 1 pce	TI 062						NPN 45V 800mA SOT 23 NPN 45V 800mA SOT 23
	:Ou	EL 35V, 10 *10.7														
0117 1 pce 220		CER 50V, 10%, X7R, 0805														NPN 45V 800mA SOT 23
0117 1 pce 220 0117 1 pce 220																NPN 45V 800mA SOT 23
0117 1 pce 220 0117 1 pce 220 3337 1 pce 100		CER 50V 10% X7R 0805							50.02.1130 I pce							NPN 45V 800mA SOT 23
0117 1 pce 220 0117 1 pce 220 3337 1 pce 100 3337 1 pce 100	On															NPN 45V 800mA SOT 23
0117 1 pce 220 0117 1 pce 220 3337 1 pce 100 3337 1 pce 100 3337 1 pce 100					1 000	4418	200mA 75V 4nc COD 90	D IC 24	50 82 1595 1 nca	74HC505	8bit shift/output register	0 09	50.60.0050	1 nce	BC817-25	NPN 45V 800mA SQT 23
0117 1 pce 220 0117 1 pce 220 3337 1 pce 100 3337 1 pce 100 3337 1 pce 100 0065 1 pce 10u	u															
0117 1 pce 220 0117 1 pce 220 3337 1 pce 100 3337 1 pce 100 3337 1 pce 100	lu lu	EL 16V, 4.0*5.7 EL 16V, 4.0*5.7 EL 16V, 4.0*5.7	0 D 21 0 D 22 0 D 23	50.60.8001 50.60.8001	1 pce	4448 4448	200mA 757 4ns SOD 80 200mA 757 4ns SOD 80	0 IC 25 0 IC 26	50.61.9001 1 pce 50.62.1138 1 pce	LM393 74HC138	Dual voltage comp. SO 8 3 to 8 line decoder	0 Q 10 0 Q 11	50.60.0050 50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
007 224 237 237 237 333 333 333 223 223	5 1 pce 47 9 1 pce 10 3 1 pce 11 3 1 pce 11 7 1 pce 10 7 1 pce 10 7 1 pce 22 7 1 pce 27 5 1 pce 27 7 1 pce 27 7 1 pce 22 7 1 pce 22	5 1 pce 470u 9 1 pce 100p 3 1 pce 1n0 3 1 pce 1n0 3 1 pce 1n0 3 1 pce 1n0 7 1 pce 100n 7 1 pce 100n 7 1 pce 27p 5 1 pce 27p 5 1 pce 27p 7 1 pce 220u 7 1 pce 2001 7 1 pce 100n	5 10:00 470u EL 16V, 10*10.7 9 10:00 10:00 CER 50V, 5%, COG, 8083 3 10:00 1:00 CER 50V, 5%, COG, 8083 3 10:00 1:00 CER 50V, 5%, COG, 8085 3 10:00 1:00 CER 50V, 5%, COG, 8085 7 10:00 10:00 CER 50V, 19%, COG, 8085 7 10:00 10:00 CER 50V, 19%, CVR, 8085 5 10:00 27p CER 50V, 19%, CVR, 8085 5 10:00 27p CER 50V, 5%, COG, 8083 5 10:00 27p CER 50V, 5%, COG, 8083 5 10:00 27p CER 50V, 5%, COG, 8083 7 10:00 20:00 EL 35V, 10*10.7 7 10:00 10:00 CER 50V, 19%, XTR, 8085 7 10:00 10:00 CER 50V, 19%, XTR, 8085	9 poe 100p CER 50V, 5%, COG, 0603 0 0.3 9 poe 100p CER 50V, 5%, COG, 0603 0 0.4 9 poe 100p CER 50V, 5%, COG, 0603 0 0.5 3 poe 100 CER 50V, 5%, COG, 0605 0 0.5 3 poe 100 CER 50V, 5%, COG, 0805 0 0.6 3 poe 100 CER 50V, 5%, COG, 0805 0 0.6 7 poe 100n CER 50V, 5%, COG, 0805 0 0.8 7 poe 100n CER 50V, 10%, X7R, 3805 0 0.10 7 poe 100n CER 50V, 10%, X7R, 3805 0 0.10 5 poe 27p CER 50V, 5%, COG, 0803 0 0.12 5 poe 27p CER 50V, 5%, COG, 0803 0 0.12 5 poe 27p CER 50V, 5%, COG, 0803 0 0.14 5 poe 27p CER 50V, 5%, COG, 0803 0 0.14 7 poe 220u EL 35V, 10°10.7 0 0.14 7 poe 220u EL 35V, 10°10.7 0 0.16 7 poe 220u EL 35V, 10°10.7 0 0.16 7 poe 100n CER 50V, 10%, X7R, 3805 0 0.17 7 poe 100n CER 50V, 10%, X7R, 3805 0 0.17 7 poe 100n CER 50V, 10%, X7R, 3805 0 0.19 7 poe 100n CER 50V, 10%, X7R, 3805 0 0.19 7 poe 100n CER 50V, 10%, X7R, 3805 0 0.19 7 poe 100n CER 50V, 10%, X7R, 3805 0 0.19	9 poe 100p CER 50V, 5%, COG,0603 0 0 3 50.0 001 9 1 poe 100p CER 50V, 5%, COG,0603 0 0 5 50.0 001 9 1 poe 100p CER 50V, 5%, COG,0603 0 0 5 50.0 05101 3 1 poe 1 no CER 50V, 5%, COG,0605 0 0 6 50.0 05101 3 1 poe 1 no CER 50V, 5%, COG,0605 0 0 6 50.0 0501 7 1 poe 100n CER 50V, 5%, COG,0605 0 0 7 50.0 0.001 7 1 poe 100n CER 50V, 10%, X7R, 3805 0 0 8 50.0 0.011 7 1 poe 100n CER 50V, 10%, X7R, 3805 0 0 10 50.0 0.001 7 1 poe 100n CER 50V, 10%, X7R, 3805 0 0 10 50.0 0.001 8 5 1 poe 27p CER 50V, 5%, COG,0603 0 0 12 50.0 0.001 9 5 1 poe 27p CER 50V, 5%, COG,0603 0 0 12 50.0 0.001 9 5 1 poe 27p CER 50V, 5%, COG,0603 0 0 12 50.0 0.001 9 7 1 poe 200 EL 38V, 10*10.7 0 0 14 50.0 0.001 7 1 poe 200 EL 38V, 10*10.7 0 0 15 50.0 0.001 7 1 poe 200 EL 38V, 10*10.7 0 0 15 50.0 0.001 7 1 poe 200 EL 38V, 10*10.7 0 0 15 50.0 0.001 7 1 poe 200 EL 38V, 10*10.7 0 0 15 50.0 0.001 7 1 poe 200 EL 38V, 10*10.7 0 0 16 50.0 0.001 7 1 poe 200 EL 38V, 10*10.7 0 0 17 50.0 0.001 7 1 poe 200 EL 38V, 10*10.7 0 0 17 50.0 0.001 7 1 poe 100n CER 50V, 10%, X7R, 3005 0 0 19 50.0 0.001 7 1 poe 100n CER 50V, 10%, X7R, 3005 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 ppc 100p 2CR 50V, 5% COG, 6803 0 0 3 50.40.8001 1 pcc 9 10ce 100p CER 50V, 5% COG, 6803 0 0 0 4 50.44.515 1 pcc 9 10ce 100p CER 50V, 5% COG, 6805 0 0 0 5 50.40.8101 1 pcc 3 10ce 100 CER 50V, 5% COG, 6805 0 0 0 5 50.40.8101 1 pcc 3 10ce 100 CER 50V, 5% COG, 6805 0 0 0 5 50.40.8101 1 pcc 3 10ce 100 CER 50V, 5% COG, 6805 0 0 0 5 50.40.8101 1 pcc 7 10ce 100n CER 50V, 5% COG, 6805 0 0 0 5 50.40.8101 1 pcc 7 10ce 100n CER 50V, 10% X7R, 3805 0 0 0 5 50.40.8101 1 pcc 7 10ce 100n CER 50V, 10% X7R, 3805 0 0 10 5 50.40.8001 1 pcc 7 10ce 100n CER 50V, 10% X7R, 3805 0 0 10 5 5 60.8001 1 pcc 7 10ce 27p CER 50V, 5% COG, 6803 0 0 12 5 5 60.8001 1 pcc 7 10ce 27c CER 50V, 5% COG, 6803 0 0 12 5 5 60.8001 1 pcc 7 10ce 20cu EL 35V, 10 10.7 0 0 14 5 60.8001 1 pcc 7 10ce 20cu EL 35V, 10 10.7 0 0 14 5 60.8001 1 pcc 7 10ce 20cu EL 35V, 10 10.7 0 0 15 5 60.8001 1 pcc 7 10ce 20cu EL 35V, 10 10.7 0 0 15 5 60.8001 1 pcc 7 10ce 20cu EL 35V, 10 10.7 0 0 15 5 60.8001 1 pcc 7 10ce 10cn CER 50V, 10% X7R, 3805 0 0 10 5 5 60.8001 1 pcc 7 10cc 10cn CER 50V, 10% X7R, 3805 0 0 10 5 5 60.8001 1 pcc 7 10cc 10cn CER 50V, 10% X7R, 3805 0 0 0 5 5 60.8001 1 pcc 7 10cc 10cn CER 50V, 10% X7R, 3805 0 0 0 0 0 0 0 0 7 10cc 10cn CER 50V, 10% X7R, 3805 0 0 0 0 0 0 0 0 0	9 poe 100p CER 50V, 5%, COG, 6603 0 D 3 50,60 8001 poe 4448 9 10 10 10 10 10 10 10	9 ppc 100p 100p	9 poe 100p CER 50V, 5%, COG,0803 0 0 3 504,0801 poe 4448 200mA, 75V 4ns SOD 80 0 C7 9 poe 100p CER 50V, 5%, COG,0805 0 0 5 504,0810 1 poe 4448 200mA, 75V 4ns SOD 80 0 C8 9 poe 100p CER 50V, 5%, COG,0805 0 0 6 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 100 CER 50V, 5%, COG,0805 0 0 6 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 100 CER 50V, 5%, COG,0805 0 0 8 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 100n CER 50V, 5%, COG,0805 0 0 8 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 100n CER 50V, 5%, COG,0805 0 0 0 0 0 9 poe 100n CER 50V, 10%, XTR, 1805 0 0 10 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 100n CER 50V, 10%, XTR, 1805 0 0 10 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 100n CER 50V, 10%, XTR, 1805 0 0 10 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 27p CER 50V, 5%, COG,0803 0 0 12 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 27p CER 50V, 5%, COG,0803 0 0 12 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 27p CER 50V, 5%, COG,0803 0 0 12 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 27p CER 50V, 5%, COG,0803 0 0 14 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 27p CER 50V, 5%, COG,0803 0 0 14 505,0800 1 poe 4448 200mA, 75V 4ns SOD 80 0 C1 9 poe 27p CER 50V, 5%, COG,0803 0 0 10 10 10 10 10 10	9 poe 100p CER 50V, 5%, COG,0803 0 0 3 504,0801 poe 4448 200mA 75V 4ns SOD 80 0 IC 7 50,062,1565 poe 70 poe 100p CER 50V, 5%, COG,0803 0 D 5 504,0810 poe 100p CER 50V, 5%, COG,0805 0 D 5 504,0810 1 poe 100p CER 50V, 5%, COG,0805 0 D 6 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 6 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 6 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 7 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 8 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 8 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 8 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 8 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 8 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 9 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 9 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 9 506,0801 poe 100p CER 50V, 5%, COG,0805 0 D 9 506,0801 poe 100p CER 50V, 5%, COG,0803 0 D 10 506,0801 poe 100p CER 50V, 5%, COG,0803 0 D 10 506,0801 poe 100p CER 50V, 5%, COG,0803 0 D 12 506,0801 poe 100p 100p	9 poe 100p CER 50V, 5%, COG,0603 0 0 3 50.00.0001 poe 14.82 20.0mA 75V 4ms SOD 80 0 10.7 50.10.0103 poe 74.HC244 74.HC245 74.HC	9 poc 100p CER 50V, 5%, COG,0803 0 0 3 500,0801 poc 4448 200mA 75V 4ms SOD 80 0 CF 500,010 10 poc 744C345 3 5 5 5 5 5 5 5 5	9 ppc 100p CER 50V, 5%, COG,0603 0 0 3 50.04 0.001 pcc 1.502 3 50.04 0.0	9 poc 100p CER 50V, 5%, COG,0803 0 0.3 50.00 2001 poc 10.82 30.00 2001 poc 10.82	9 poc 100p CER 50V, 5%, COG,0803 0 0 3 50,08001 poc 4448 200mA 75V 4ms SOD 80 0 CF 50,040519 poc 54,050004 poc 54,050004	9 poc 100p CER 50V, 5%, COG,0803 0 0 3 50.00001 poc 1448 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC244 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC244 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC244 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC244 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC244 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC244 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC244 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC244 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC254 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC254 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC254 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC254 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC254 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC254 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 74HC254 200mA 75V 4ms SOD B0 0 CF 50.000001 poc 200mA 75V 4ms SOD B

Cannel Controller Board 1.950.762.20

Pos.	Part No. Qty. Type/Val.	Description	ldx Pos.	Part No. Cty.	Type/Val	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
D 13		NPN 45V 800mA SQT 23	0 R 11	57 60 1471 1 nce	470R	ME 1% 0204 E24	0 R 93	57.69.1097 1 nce	401	CE 5% 0603	0 R 175	57.60.1102 1 pce	41:0	MP 40/ 000 - 700
4		NPN 45V 800mA SOT 23	0 R 12	57.60.1471 1 pce 57.60.1471 1 pce	470R 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 94	57.69.1097 1 pce 57.69.1097 1 pce	10k 10k	CF 5% 0603 CF 5% 0603	0 R 175	57.60.1102 1 pce 57.60.1102 1 pce	1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
5	50.50.0050 1 pce BC817-25		0 R 13	57.60.1471 1 pce	470R	MF 1% 0204 E24	0 R 95	57.69.1097 1 pce	10k	CF 5% 0603	0 R 177	57.60.1102 1 pce	1k0	MF 1% 0204 E24
5		NPN 45V 800mA SOT 23	0 R 14		470R						0 R 178	57.60.1102 1 pce	ORO	MF, 1%, 0204, E24 MF. 0204
7		NPN 45V 800mA SOT 23		57.60.1471 1 pce		MF, 1%, 0204, E24		57,69,1097 1 pce	10k	CF 5% 0603	0 R 179		080	
3		NPN 45V 800mA SOT 23	0 R15	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 97	57.69.1097 1 pce	10k	CF 5% 0603		57.60.1000 1 pce	0.10	MF, 0204
	50.80.0050 1 pce BC817-25		0 R 16	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 98	57.69.1097 1 pce	10k	CF 5% 0603	0 R 180	57.60.1000 1 pce	0R0	MF, 0204
			0 R 17	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 99	57.60.1334 1 pce	330k	MF, 1%, 0204, E24	0 R 181	57.60.1000 1 pce	0R0	MF, 0204
)	50.80.0050 1 pce BC817-25		0 R18	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 100	57.69.1073 1 pce	1k0	CF 5% 0603	0 R 182	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
1	50.60.0050 1 pce BC817-25	14111 101 0001101 001 40	0 R 19	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 101	57.69.1097 1 pce	10k	CF 5% 0603	0 R 183	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
2	50.80.0050 1 pce BC817-25		0 R 20	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 102	57.69.1097 1 pce	10k	CF 5% 0603	0 R 184	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
3		NPN 45V 800mA SOT 23	0 R 21	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 103	57.69.1097 1 pce	10k	CF 5% 0603	0 R 185	57.60.1333 1 pce	33k	MF, 1%, 0204, E24
4	50.60.0050 1 pce BC817-25		0 R 22	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 104	57.60.1222 1 pce	2k2	MF, 1%, 0204, E24	0 R 186	57.60.1683 1 pce	68k	MF, 1%, 0204, E24
5	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 23	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 105	57.60,1103 1 pce	10k	MF, 1%, 0204, E24	0 R 187	57.60.1683 1 pce	68k	MF, 1%, 0204, E24
3	50.60.0050 1 pce BC817-25		0 R 24	57.60.1471 1 pce	470R	MF. 1%, 0204, E24	0 R 106	57.60.1103 1 pce	10k	MF. 1%, 0204, E24	0 R 188	57.60.1683 1 pce	68k	MF, 1%, 0204, E24
,	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 25	57.60.1471 1 pce	470R	MF. 1%, 0204, E24	0 R 107	57.69.1097 1 pce	10k	CF 5% 0603	0 R 189	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
3	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 2€	57.60.1471 1 pce	470R	ME 1% 0204 E24	0 R 108	57.60.1105 1 pce	100	MF. 1% 0204 F24	0 R 190	57.60.1472 1 nce	4k7	MF 1% 0204 F24
9	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 27	57 60 1471 1 nce	470R	MF. 1%, 0204, E24	0 R 109	57.60.1105 1 pce	1M	MF, 1%, 0204, E24	0 R 191	57.60.1472 1 nce	4k7	MF. 1%, 0204, E24
0	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 28	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 110	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0 R 192	57.60.1242 1 pce	2k4	MF. 1%, 0204, E24
	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 29	57.60.1471 1 pce	470R	MF. 1%, 0204, E24	0 R 111	57.60.1104 1 pce	100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 193	57.60.1103 1 pce	10k	MF 1% 0204 F24
2	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 30	57.60.1471 1 pce	470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 112				0 R 194	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
3	50.60.7001 1 pce BT138B	Triac 8A, 600V, SOT 404	0 R31	57.60.1471 1 pce 57.60.1471 1 pce	470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 112	57.69.1097 1 pce	10k	CF 5% 0603	0 R 194	57.80.1103 1 pce 57.80.1103 1 pce	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
4	50.60.7001 1 pce BT138B	Triac 8A, 600V, SOT 404	0 R31	57.60.1471 1 pce 57.60.1471 1 pce	470R 470R			57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 195			
5	50.60.0002 1 noe BC850C	NPN 45V 100mA SOT 23	0 R32			MF, 1%, 0204, E24	0 R 114	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24		57.60.1683 1 pce	68k	MF, 1%, 0204, E24
5 6	50.60.1002 1 pce BC860C	PNP 45V 100mA SOT 23		57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 115	57.69.1097 1 pce	10k	CF 5% 0603	0 R 197	57.60.1683 1 pce	68k	MF, 1%, 0204, E24
6 7	50.50.1002 1 pce BC860C 50.03.1505 1 pce VN0808L	N-VMOS-FET 80V 0.35A	0 R 34	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 116	57.69.1097 1 pce	10k	CF 5% 0603	0 R 198	57.69.1097 1 pce	10k	CF 5% 0603
			0 R 35	57.60.1471 1 pce	470R	MF, 1%, 0204, E24	0 R 117	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24	0 R 199	57.69.1097 1 pce	10k	CF 5% 0603
3		P-VMOS-FET 60V, 0.33A	0 R 36	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 118	57.60.1564 1 pce	560k	MF, 1%, 0204, E24	0 R 200	57.69.1097 1 pce	10k	CF 5% 0603
	50.60.0002 1 pce BC850C	NPN 45V 100mA SOT 23	0 R 37	57.60.1153 1 pce	15k	MF, 1%, 0204, E24	0 R 119	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0 R 201	57.69.1097 1 pce	10k	CF 5% 0603
)	50.60.0002 1 pce BC850C	NPN 45V 100mA SOT 23	0 R 38	57.60.1203 1 pce	20k	MF, 1%, 0204, E24	0 R 120	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0 R 202	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
1	50.60.0002 1 pce BC850C	NPN 45V 100mA SOT 23	0 R 39	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 121	57.60.1564 1 pce	560k	MF, 1%, 0204, E24	0 R 203	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
2	50.60.0002 1 pce BC850C	NPN 45V 100mA SOT 23	0 R 40	57.69.1073 1 pce	1k0	CF 5% 0603	0 R 122	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24	0 R 204	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
ŀ	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 41	57.69.1073 1 pce	1k0	CF 5% 0603	0 R 123	57.69.1097 1 pce	10k	CF 5% 0603	0 R 205	57.60.1000 1 pce	0R0	MF. 0204
	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 42	57.69.1073 1 pce	1k0	CF 5% 0603	0 R 124	57.69.1097 1 pce	10k	CF 5% 0603	0 R 206	57.60.1000 1 pce	080	MF. 0204
5	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 43	57.69.1073 1 pce	1k0	CF 5% 0603	0 R 125	57.69.1097 1 pce	10k	CF 5% 0603	0 R 207	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 44	57.69.1073 1 pce	1k0	CF 5% 0603	0 R 126	57.60.1105 1 pce	1M	MF. 1%. 0204. E24	0 R 208	57.60.1102 1 pce	080	MF. 0204, E24
,	50.60.1101 1 pce FMMT717		0 R 45	57.69.1097 1 pce	10k	CF 5% 0603	0 R 127	57.60.1153 1 pce	15k	MF. 1%, 0204, E24	0 R 209	57.60.1000 1 pce	080	MF, 0204 MF. 0204
3	50.60.1101 1 pce FMMT717		0 R 46	57.69.1097 1 pce	10k	CF 5% 0603	0 R 128		15k	MF 1% 0204 E24				
,	50.60.1101 1 pce FMMT717		0 R 47	57.69.1097 1 pce	10k	CF 5% 0603	0 R 128	57.60.1153 1 pce			0 R 210	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
,	50.60.0050 1 pce BC817-25		0 R47	57.69.1097 1 DDB		MF 196 0204 F24		57.69.1097 1 pce	10k	CF 5% 0603	0 R 211	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
í		NPN 45V 800mA SOT 23	0 11 10		68k		0 R 130	57.69.1097 1 pce	10k	CF 5% 0603	0 R 212	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
				57.60.1203 1 pce	20k	MF, 1%, 0204, E24	0 R 131	57.60.1105 1 pce	1M	MF, 1%, 0204, E24	0 R 213	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
2		NPN 45V 800mA SOT 23	0 R 50	57.60.1123 1 pce	12k	MF, 1%, 0204, E24	0 R 132	57.60.1153 1 pce	15k	MF, 1%, 0204, E24	0 R 214	57.60.1000 1 pce	0R0	MF, 0204
3		NPN 45V 800mA SOT 23	0 R 51	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 133	57.60.1153 1 pce	15k	MF, 1%, 0204, E24	0 R 215	57.60.1000 1 pce	0R0	MF, 0204
4	50.60.1101 1 pce FMMT717		0 R 52	57.60.1102 1 oce	1k0	MF, 1%, 0204, E24	0 R 134	57.69.1097 1 pce	10k	CF 5% 0603	0 R 216	57.60.1000 1 pce	OR0	MF, 0204
5		PNP 12V 1.5A SOT 23	0 R 53	57.60.1101 1 oce	100R	MF, 1%, 0204, E24	0 R 135	57.69.1097 1 pce	10k	CF 5% 0603	0 R 217	57.60.1000 1 pce	0R0	MF, 0204
6		PNP 12V 1.5A SOT 23	0 R 54	57.60.1182 1 oce	1k8	MF, 1%, 0204, E24	0 R 136	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24	0 R 218	57.60.1821 1 pce	820R	MF. 1%, 0204, E24
57	50.60.1101 1 pce FMMT717		0 R 55	57.60.1103 1 oce	10k	MF, 1%, 0204, E24	0 R 137	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24	0 R 219	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
8	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 56	57.60.1152 1 oce	1k5	MF. 1%, 0204, E24	0 R 138	57.69.1097 1 pce	10k	CF 5% 0603	0 R 220	57.60.1221 1 pce	220R	MF. 1%, 0204, E24
9	50 60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 57	57.60,1683 1 pce	68k	MF, 1%, 0204, E24	0 R 139	57.60.1683 1 pce	68k	MF, 1%, 0204, E24	0 R 221	57.60,1221 1 pce	220R	MF, 1%, 0204, E24
0	50 60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 58	57.60.1242 1 oce	2k4	MF. 1%, 0204, E24	0 R 140	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 222	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
1	50 60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 59	57.60.1331 1 pce	330R	MF. 1%, 0204, E24	0 R 141	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 223	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
2	50 60 0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 60	57.69.1097 1 pce	10k	CF 5% 0603	0 R 142	57,60,1683 1 pce	68k	MF. 1%, 0204, E24	0 R 224	57.60.1221 1 pce	220R	MF. 1%, 0204, E24
3	50.60.0050 1 pce BC817-25		0 R61	57.60.1683 1 oce	68k	MF. 1%. 0204. E24	0 R 143	57.69.1097 1 pce	10k	CF 5% 0603	0 R 225	57.60.1221 1 pce	220R 220R	MF, 1%, 0204, E24
4	50.60.0050 1 pce BC817-25		0 R 62	57.92.7011 1 oce	0.2A	PTC 60V	0 R 144	57.60.1152 1 pce	1k5	MF. 1%. 0204. E24				
5	50.60.0050 1 pce BC817-25		0 R 63	57.60.1683 1 pce	0.2A 68k	MF, 1%, 0204, E24	0 R 145	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 226 0 R 227	. 57.60.1471 1 pce 57.60.1221 1 pce	470R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
6	50.60.1030 1 pce BC617-25 50.60.1101 1 pce FMMT717		0 R 63				0 R 146	57.60.1152 1 pce 57.60.1564 1 pce	1K5 560k	MF, 1%, 0204, E24 MF 1%, 0204 E24				
,		PNP 12V 1.5A SOI 23 PNP 12V 1.5A SOT 23		57.69.1097 1 oce	10k	CF 5% 0603	0 R146 0 R147				0 R 228	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	50.60.1101 1 pce FMMT717 50.60.1101 1 pce FMMT717		0 R 65	57.60.1475 1 oce	4M7	MF, 1%, 0204, E24		57.60.1564 1 pce	560k	MF, 1%, 0204, E24	0 R 229	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
			0 R 66	57.69.1097 1 cce	10k	CF 5% 0603	0 R 148	57.69.1097 1 pce	10k	CF 5% 0603	0 R 230	57,60,1471 1 pce	470R	MF, 1%, 0204, E24
	50.60.1101 1 pce FMMT717		1 R 67	57.60.1106 1 pce	10M	MF, 1%, 0204, E24	0 R 149	57.69.1097 1 pce	10k	CF 5% 0603	0 R 231	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
	50.60,0050 1 pce BC817-25		0 R 68	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24	0 R 150	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 232	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
	50.60.0050 1 pce BC817-25		0 R 69	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24	0 R 151	57.69.1097 1 pce	10k	CF 5% 0603	0 R 233	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
	50.60.0050 1 pce BC817-25		0 R 70	57.60.1475 1 pce	4M7	MF, 1%, 0204, E24	0 R 152	57.69.1097 1 pce	10k	CF 5% 0603	0 R 234	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
	50.60.0050 1 pce BC817-25		0 R 71	57.69.1097 1 pce	10k	CF 5% 0603	0 R 153	57.69.1097 1 pce	10k	CF 5% 0603	0 R 235	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
	50.60.1101 1 pce FMMT717		0 R 72	57.60.1683 1 pce	68k	MF, 1%, 0204, E24	0 R 154	57.69.1097 1 pce	10k	CF 5% 0603	0 R 236	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
	50.60.1101 1 pce FMMT717		0 R 73	57.60.1104 1 pce	100k	MF. 1%, 0204, E24	0 R 155	57.69.1097 1 pce	10k	CF 5% 0603	0 R 237	57.60.1471 1 pce	470R	MF, 1%, 0204, E24
	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 74	57.60.1106 1 pce	10M	MF, 1%, 0204, E24	0 R 156	57.69.1097 1 pce	10k	CF 5% 0603	0 R 238	57.60.1221 1 pce	220R	MF. 1%, 0204, E24
	50.60.1101 1 pce FMMT717		0 R 75	57.60.1103 1 pce	10k	MF 1% 0204 E24	0 R 157	57.69.1097 1 pce	10k	CF 5% 0603	0 R 239	57.60.1221 1 pce	220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 76	57.60.1105 1 pce	104	MF, 1%, 0204, E24	0 R 158	57.69.1097 1 pce	10k	CF 5% 0603	0 R 239	57.60.1221 1 pce 57.60.1221 1 pce	220R 220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	50.60.1101 1 pce FMMT717		0 R77	57.60.1105 1 pce 57.69.1097 1 pce	10k	NP, 1%, 0204, E24 CE 5% 0803	0 R 159	57.69.1097 1 pce 57.69.1097 1 pce	10k	CF 5% 0603 CF 5% 0603				
	50.60.1101 1 pce FMMT717	1111 121 11011 001 10	0 R 7/	57.69.1097 1 pce 57.69.1097 1 pce							0 R 241	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	50.60.1101 1 pce FMMT717				10k	CF 5% 0603	0 R 160	57.69.1097 1 pce	10k	CF 5% 0603	0 R 242	57,60.1221 1 pce	220R	MF, 1%, 0204, E24
		PNP 12V 1.5A SOI 23 PNP 12V 1.5A SOT 23	0 R 79	57.69.1097 1 pce	10k	CF 5% 0603	0 R 161	57.69.1097 1 pce	10k	CF 5% 0603	0 R 243	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
			0 R 80	57.69.1097 1 pce	10k	CF 5% 0603	0 R 162	57.69.1097 1 pce	10k	CF 5% 0603	0 R 244	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	i poo i illioitti	110 124 11011 001 20	0 R 81	57.69.1097 1 pce	10k	CF 5% 0603	0 R 163	57.60.1105 1 pce	1M	MF, 1%, 0204, E24	0 R 245	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	50.60,1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 82	57.69.1097 1 pce	10k	CF 5% 0603	0 R 164	57.69.1097 1 pce	10k	CF 5% 0603	0 R 246	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	57.60.1100 1 pce 1CR	MF. 1%, 0204, E24	0 R 83	57.60.1683 1 pce	68k	MF, 1%, 0204, E24	0 R 165	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 247	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
			0 R 84	57.60.1223 1 pce	22k	MF, 1%, 0204, E24	0 R 166	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 248	57.60.1221 1 pce	220R	MF 1% 0204 E24
	57.60.1471 1 pce 470R	MF, 1%, 0204, E24	0 R 85	57.60.1103 1 pce	10k	NF. 1%, 0204 E24	0 R 167	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24	0 R 249	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	57.60.1471 1 pce 470R	MF, 1%, 0204, E24	0 R86	57.60.1203 1 pce	20k	NF, 1%, 0204, E24	0 R 168	57.69.1097 1 pce	10k	OF 5% 0603	0 R 249		220R 220R	
	57.60.1471 1 pce 470R	MF, 1%, 0204, E24	0 R 87	57.69.1097 1 pce	10k	CF 5% 0603	0 R 169	57.69.1097 1 pce 57.60.1000 1 pce	ORO	MF 0204	- 11 1100	57.60.1221 1 pce	ELO: (MF, 1%, 0204, E24
	57.60.1471 1 pce 470R	MF, 1%, 0204, E24	0 17.87	57.69.1097 1 pce 57.69.1097 1 pce	10k	CF 5% 0603 CF 5% 0603	0 R 169				0 R 251	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	57.69.1097 1 pce 10k	CF 5% 0603	0 1100					57.60.1000 1 pce	0R0	MF, 0204	0 R 252	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	57.60.1332 1 pce 3k3	MF, 1%, 0204, E24	0 R 89	57.60.1333 1 pce	33k	MF, 1%, 0204, E24	0 R 171	57.60.1000 1 pce	0R0	MF, 0204	0 R 253	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	57.60.1471 1 pce 470R	MF. 1%, 0204, E24	0 R 90	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24	0 R 172	57.60.1000 1 pce	0R0	MF, 0204	0 R 254	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
			0 R 91	57.69.1097 1 pce	10k	CF 5% 0603	0 R 173	57.69.1097 1 pce	10k	CF 5% 0603	0 R 255	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
	57.60.1471 1 pce 470R	MF, 1%, 0204, E24	0 R 92	57.60.1472 1 pce	4k7	NF. 1%, 0204, E24	0 R 174	57,60,1102 1 pce	1k0	MF, 1%, 0204, E24				

Cannel Controller Board 1.950.762.2

000000000000000000000000000000000000000	R 257 R 258 R 259 R 260 R 261 R 262 R 263 R 264	57.69.1097 57.69.1097 57.60.1101 57.60.1103		Type/Val.	CF 5% 0603
	R 258 R 259 R 260 R 261 R 262 R 263 R 264	57.69.1097 57.60.1101			
	R 260 R 261 R 262 R 263 R 264	57.60.1101 57.60.1103		10k	CF 5% 0603
0 0 0 0 0 0 0 0 0 0 0	R 261 R 262 R 263 R 264	57.60.1103	1 oce	100R	MF, 1%, 0204, E24
0 0 0 0 0 0 0 0 0	R 262 R 263 R 264	57.60.1102		10k 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 0 0 0 0 0 0 0 0	R 263 R 264	57.60.1102		1KU 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 0 0 0 0 0 0 0 0 0		57.60.1471		470R	MF, 1%, 0204, E24
0 0 0 0 0 0 0 0 0		57.60.1471	1 008	470R	MF, 1%, 0204, E24
0 0 0 0 0 0 0 0 0	R 265	57.60.1471		470R	MF, 1%, 0204, E24
0 0 0 0	R 266 R 267	57.60.1471 57.60.1471		470R 470R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 0 0	R 268	57.60.1471		470R	MF, 1%, 0204, E24
0	R 269	57.60.1471		470R	MF, 1%, 0204, E24
0	R 270	57.69.1097		10k	CF 5% 0603
	R 271 R 272	57.60.1101 57.69.1097		100R 10k	MF, 1%, 0204, E24 CF 5% 0603
0	R 273	57.60.1100		10R	MF, 1%, 0204, E24
	R 274	57.60.1100		10R	MF, 1%, 0204, E24
0	R 275	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
	R 276	57.60.1100		10R	MF, 1%, 0204, E24
	R 277 R 278	57.60.1100 57.60.1100		10R 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 279	57.60.1100		10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 280	57.60.1100		10R	MF, 1%, 0204, E24
	R 281	57.69.1097	1 pce	10k	CF 5% 0603
	R 282	57.69.1097		10k	CF 5% 0603
	R 283 R 284	57.60.1101 57.69.1097		100R 10k	MF, 1%, 0204, E24 CF 5% 0603
	R 285	57.69.1097	1 nce	10k	CF 5% 0603
0	R 286	57.60.1101		100R	MF, 1%, 0204, E24
	R 287	57.60.1101		100R	MF, 1%, 0204, E24
	R 288	57.60.1103		10k	MF, 1%, 0204, E24
	R 289 R 290	57.60.1100 57.60.1100		10R 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 291	57.60.1100		10R	MF, 1%, 0204, E24
	R 292	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
	R 293	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
	R 294 R 295	57.60.1100		10R 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 295	57.60.1100 57.60.1100		10R 10R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 297	57.60.1103		10k	MF, 1%, 0204, E24
1	R 298	57.60.1102		1k0	MF, 1%, 0204, E24
	R 299	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
	R 300 R 301	57.60.1102		1k0	MF, 1%, 0204, E24
	R 302	57.60.1102 57.60.1102		1k0 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 303	57.60.1102		1k0	MF, 1%, 0204, E24
1	R 304	57.60.1102		1k0	MF, 1%, 0204, E24
	R 305	57.60.1102		1k0	MF, 1%, 0204, E24
	R 306	57.60.1102		1k0	MF, 1%, 0204, E24
-	R 307	57.60.1100		10R	MF, 1%, 0204, E24
	S 1	55.12.1316		N=40	Drehgeber magnetisch
	S 2 S 3	55.12.1316 55.12.1316		N=40 N=40	Drehgeber magnetisch Drehgeber magnetisch
	S 3 S 4	55.12.1316 55.12.1316		N=40 N=40	Drehgeber magnetisch Drehgeber magnetisch
	85	55.12.1316	1 pce	N=40	Drehgeber magnetisch
0	S 6	55.12.1316	1 pce	N=40	Drehgeber magnetisch
	S 7	55.12.1316	1 pce	N=40	Drehgeber magnetisch
	S 8 S 9	55.12.1316 55.12.1316		N=40 N=40	Drehgeber magnetisch Drehgeber magnetisch
	S 10	55.12.1316		N=40	Drehgeber magnetisch
	S 11	55.12.1316		N=40	Drehgeber magnetisch
	S 12	55.12.1316		N=40	Drehgeber magnetisch
	S 13	55.12.1316		N=40 N=40	Drehgeber magnetisch
	S 14 S 15	55.12.1316 55.12.1316	1 pce 1 pce	N=40 N=40	Drehgeber magnetisch Drehgeber magnetisch
	S 16	55.12.1316		N=40	Drehgeber magnetisch
0	S 17	55.60.0201	1 pce	1*s	SMD Tactswitch
0	S 18	55.12.1108		8p	DIL-Switch piano
0	XIC 15	53.03.0173		28p	DIL 0.6", löt, gerade
	XIC 17	53.03.2232		32p	PLCC-Socket
	XIC 18	53.03.2232		32p	PLCC-Socket
-	XIC 41	53.03.2220		20p	PLCC-Socket
	Y 1 Y 2	89.60.1005 89.60.1005			SMD Quartz SMD Quartz
				End of Li	st

SCHEMATA / CIRCUIT DIAGRAMS

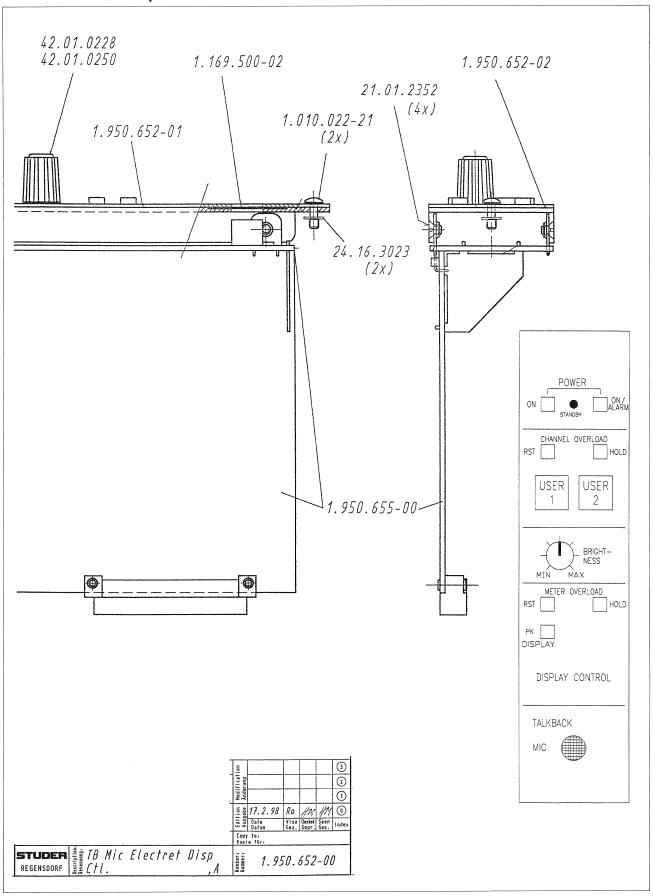
Meter Panel Units

TB MIC/Display Control Unit	1.950.652.00
TB MIC/Display CTL Board	1.950.655.00
4CH VFD Digital Bargraph	1.950.641.20
Bargraph VFD + Bus Board	1.990.633.00
Bargraph Control	1.950.635.20

Edition: 22.10.99 Section 4

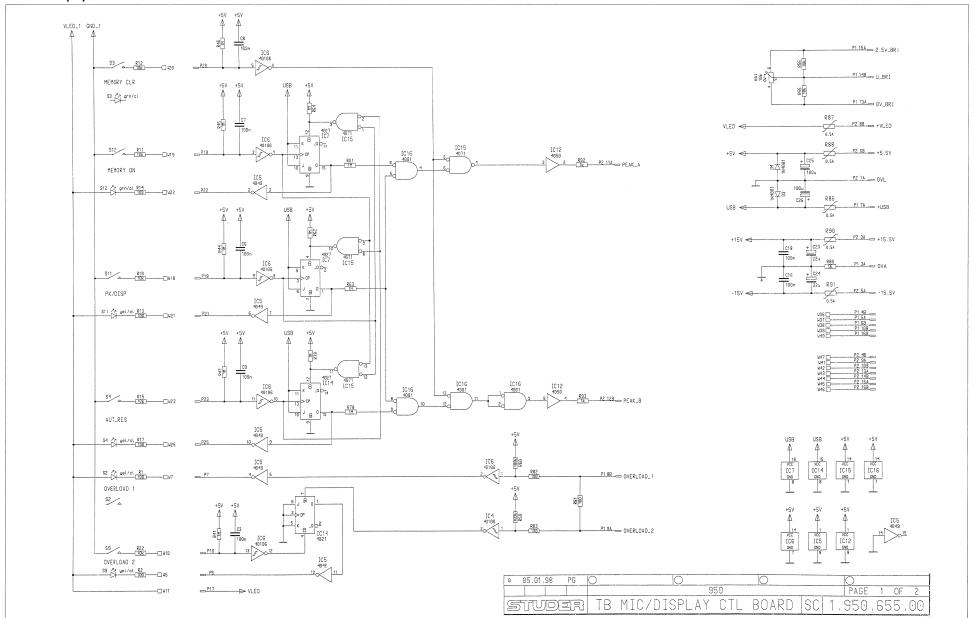


TB Mic. Electret Disp Ctl. 1.950.652.00



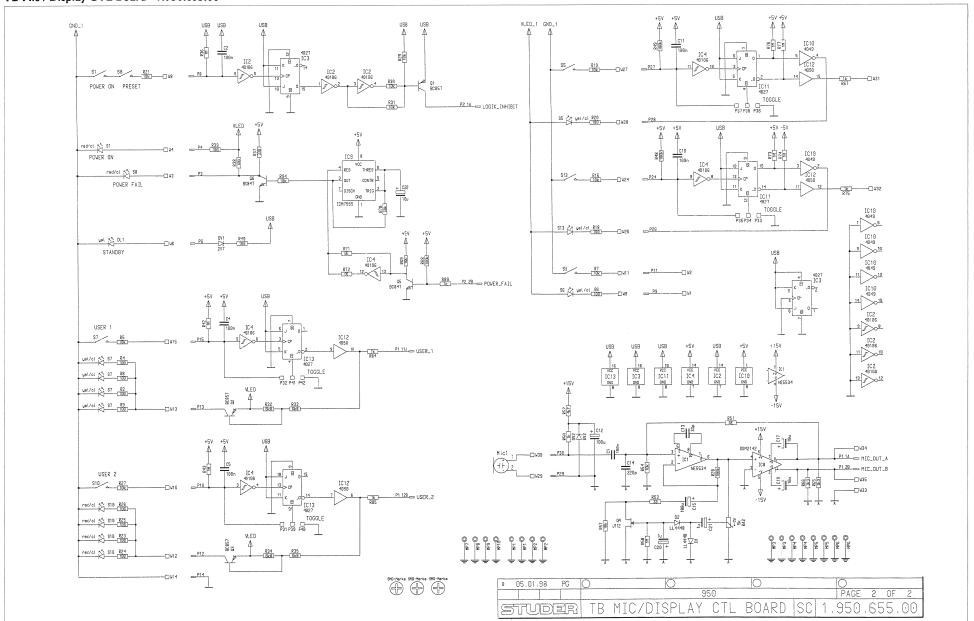
TB Mic / Display CTL Board 1.950.655.00





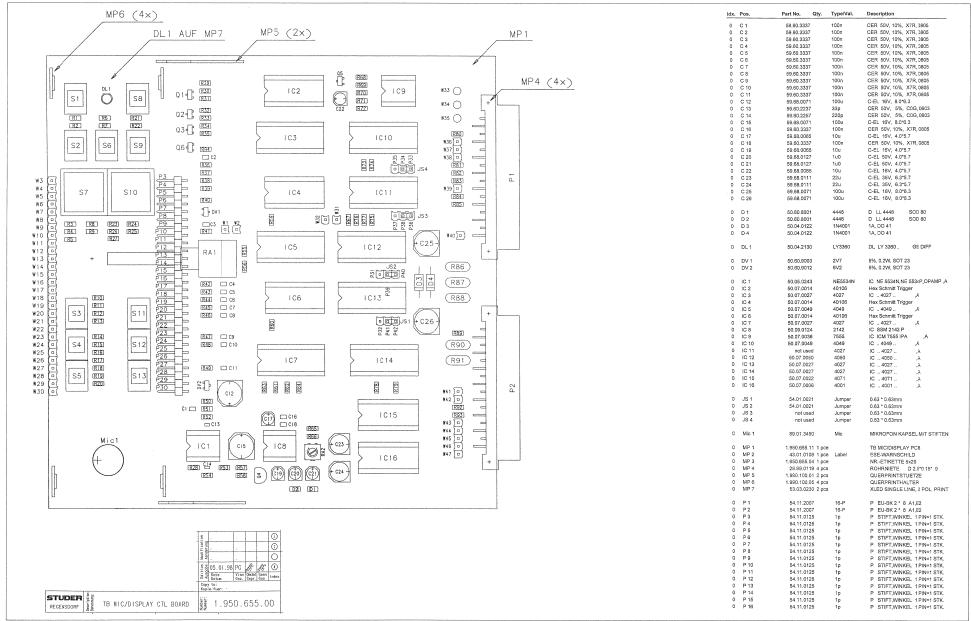


TB Mic / Display CTL Board 1.950.655.00



TB Mic / Display CTL Board 1.950.655.00





STUDER D950 Mixing Console

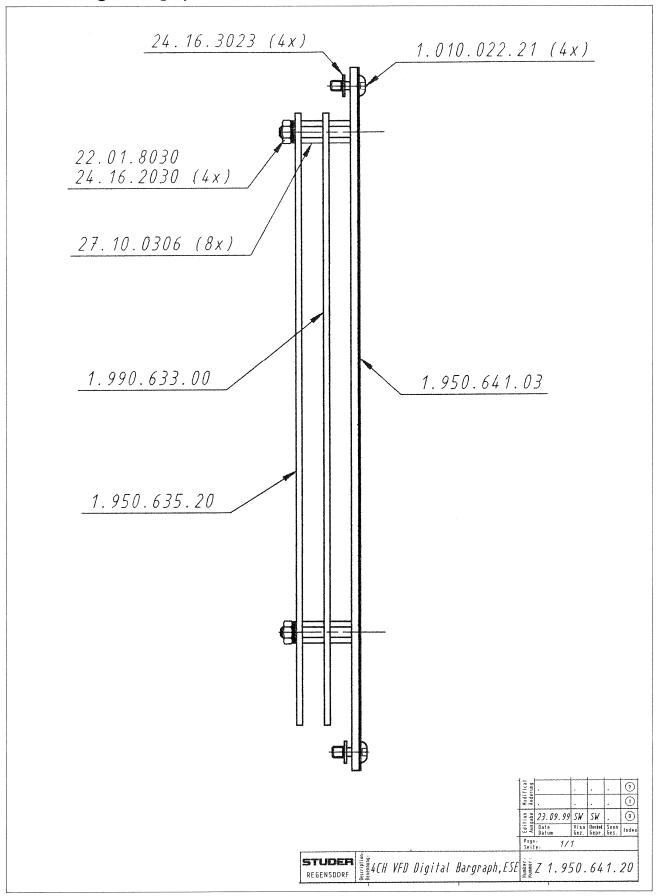
TB Mic / Display CTL Board 1.950.655.00



ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx.	Pos.	Part No. Qty.	Type/Val.	Description
0 P 17	54.11.0125	1p	P STIFT,WINKEL 1 PIN=1 STK.	0	R 53	57.60.1330	33R	MF, 1%, 0204, E24
0 P 18	54.11.0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 54	57.60.1103	10K	MF, 1%, 0204, E24
0 P 19	54,11,0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 55	57.60.1103	10K	MF, 1%, 0204, E24
0 P 20	54.11.0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 56	57.60.1103	10K	MF, 1%, 0204, E24
0 P 21	54.11.0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 57	57.60.1103	10K	MF, 1%, 0204, E24
0 P 22	54,11,0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 58	57.60.1105	1M	MF, 1%, 0204, E24
0 P 23	54.11.0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 59	57.60,1104	100K	MF, 1%, 0204, E24
0 P 24	54.11.0125	1p	P STIFT.WINKEL 1 PIN=1 STK.	0	R 60	57.60.1104	100K	MF, 1%, 0204, E24
0 P 25	54.11.0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 61	57.60.1105	1M	MF, 1%, 0204, E24
0 P26	54.11.0125	1p	P STIFT.WINKEL 1 PIN=1 STK.	0	R 62	57.60.1105	1M	MF, 1%, 0204, E24
0 P27	54.11.0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 63	57.60.1105	1M	MF, 1%, 0204, E24
0 P28	54.11.0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 64	57.60.1105	1M	MF, 1%, 0204, E24
0 P 29	54.11.0125	1p	P STIFT, WINKEL 1 PIN=1 STK.	0	R 65	57.60.1103	3K3	MF, 1%, 0204, E24
0 P30	54.11.0125		P STIFT, WINKEL 1 PIN=1 STK.	0	R 66	57.60.1332	3K3	MF, 1%, 0204, E24
		1p	Pin 0.63*0.63	0	R 67		ana 1K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 P 31	54.01.0020	1p				57.60.1102		
0 P 32	54.01.0020	1p	Pin 0.63*0.63	0	R 68	57.60.1104	100K	MF, 1%, 0204, E24
0 P 33	not used	1p	Pin 0.63*0.63	0	R 69	57.60.1103	10K	MF, 1%, 0204, E24
0 P34	not used	1p	Pin 0.63*0.63	0	R 70	57.60.1683	68K	MF, 1%, 0204, E24
0 P 35	not used	1p	Pin 0.63*0.63	0	R 71	57.60.1000	0R0	MF, 0204
0 P 36	not used	1p	Pin 0.63*0.63	0	R 72	not used	ORO	MF, 0204
0 P 37	not used	1p	Pin 0.63*0.63	0	R 73	57.60.1105	1M	MF, 1%, 0204, E24
0 P 38	not used	1p	Pin 0.63*0.63	0	R 74	57.60.1105	1M	MF, 1%, 0204, E24
0 P39	54.01.0020	1p	Pin 0.63*0.63	0	R 75	57.60.1102	1K	MF, 1%, 0204, E24
0 P40	54.01.0020	1p	Pin 0.63*0.63	0	R 76	57.60.1105	1M	MF, 1%, 0204, E24
0 P41	54.01.0020	1p	Pin 0.63*0.63	ō	R 77	57.60.1105	1M	MF, 1%, 0204, E24
0 P42	54.01.0020	1p	Pin 0.63*0.63	0	R 78	57.60.1105	1M	MF, 1%, 0204, E24
	0-1.01.0020	. 19		0	R 79	57.60.1105	1M	MF, 1%, 0204, E24
0 Q1	50.60.1001	BC857B	Q BC 857 B, SOT 23	0	R 80	57.60.1000	ORO	MF, 176, 0204, E24
	50.60.1001	BC857B	Q BC 857 B, SOT 23	0	R 81	57.60.1101	100R	MF, 1%, 0204, E24
0 Q2				0	R 82		100R 100R	
0 Q3	50.60.1001	BC857B				57.60.1101		MF, 1%, 0204, E24
0 Q4	50.03.0350	J-112	J-112	0	R 83	57.60,1101	100R	MF, 1%, 0204, E24
0 Q5	50.60.0001	BC847B	Q BC 847 B, SOT 23	0	R 84	57.60.1102	1K	MF, 1%, 0204, E24
0 Q6	50.60.0001	BC847B	Q BC 847 B, SOT 23	0	R 85	57.60.1102	1K	MF, 1%, 0204, E24
				0	R 86	57.92.7013	0.5A	POLY- PTC, 60V
0 R1	57.60.1101	100R	MF, 1%, 0204, E24	0	R 87	57.92.7013	0,5A	POLY- PTC, 60V
0 R2	57.60.1101	100R	MF, 1%, 0204, E24	0	R 88	57.92,7013	0.5A	POLY- PTC, 60V
0 R3	57.60.1101	100R	MF, 1%, 0204, E24	0	R 89	57.60.1102	1K	MF, 1%, 0204, E24
0 R4	57.60.1101	100R	MF, 1%, 0204, E24	0	R 90	57.92.7013	0.5A	POLY- PTC, 60V
0 R5	57.60.1133	10K	MF, 1%, 0204, E24	0	R 91	57.92.7013	0.5A	POLY- PTC, 60V
0 R6	57.60.1131	100R	MF, 1%, 0204, E24	0	R 92	57.60.1102	1K	MF, 1%, 0204, E24
	57.60.1103	10K	MF, 1%, 0204, E24	0	R 93	57.60.1102	1K	MF, 1%, 0204, E24
		100R	MF 1% 0204 E24	0	R 94	57.60.1102	10K	MF, 1%, 0204, E24
0 R8	57.60.1101			0	H 94	57.60.1103	10K	MF, 1%, 0204, E24
0 R9	57.60.1101	100R	MF, 1%, 0204, E24					
0 R 10	57.60.1103	10K	MF, 1%, 0204, E24	0	RA 1	1.010.101.58	100k/10k	POT 100K LIN, 10 K LIN
0 R 11	57.60.1103	10K	MF, 1%, 0204, E24	0	RA 2	58.60.0117	5<0	SMD 20%, 0.25W, Cermet
0 R 12	57.60.1103	10K	MF, 1%, 0204, E24					
0 R 13	57.60.1101	100R	MF, 1%, 0204, E24	0	S 1	55.15.0602	1'a	S TASTE 1*A, 5MM, RT/TRANS
0 R 14	57.60.1101	100R	MF, 1%, 0204, E24	0	S 2	55.15.0604	1'a	S TASTE 1*A, 5MM, GB/TRANS
0 R 15	57.60.1103	10K	MF, 1%, 0204, E24	0	S 3	55.15.0605	1'a	S TASTE 1*A, 5MM, GN/TRAN
0 R 16	57.60.1103	10K	MF, 1%, 0204, E24	0	S 4	55.15.0604	1'a	S TASTE 1*A, 5MM, GB/TRAN
0 R 17	57.60.1101	100R	MF, 1%, 0204, E24	0	S 5	not used	1'a	S TASTE 1*A, 5MM, GB/TRAN
0 R 18	57.60.1101	100R	MF, 1%, 0204, E24	0	S 6	not used	1*a	S TASTE 1*A, 5MM, GB/TRAN
0 R 19	57.60.1103	10K	MF, 1%, 0204, E24	0	S 7	55.15.0704	1'8	S TASTE 1*A, 12MM, GB/TRAN
0 R 20	57.60.1101	100R	MF, 1%, 0204, E24	0	S 8	55.15.0602	1°a	S TASTE 1*A, 5MM, RT/TRANS
0 R 21	57.60.1101	10K	MF, 1%, 0204, E24	0	S 9	55.15.0604	1'a	S TASTE 1*A, 5MM, GB/TRANS
0 R 22	57.60,1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0	S 10		1*a	
0 R 22	57.60,1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0		55.15.0702		
					S 11	55.15.0604	1*a	S TASTE 1*A, 5MM, GB/TRAN
0 R 24	57.60.1101	100R	MF, 1%, 0204, E24	0	S 12	not used	1*a	S TASTE 1*A, 5MM, GN/TRAN
0 R 25	57.60.1101	100R	MF, 1%, 0204, E24	0	S 13	not used	1*a	S TASTE 1*A, 5MM, GB/TRAN
0 R 26	57.60.1101	100R	MF, 1%, 0204, E24				End of List —	
0 R 27	57.60.1103	10K	MF, 1%, 0204, E24					
0 R 28	57.60.1104	100K	MF, 1%, 0204, E24	Co	mments			
0 R 29	57.60.1103	10K	MF, 1%, 0204, E24					
0 R 30	57.60.1103	10K	MF, 1%, 0204, E24					
0 R 31	not used	10K	MF, 1%, 0204, E24					
0 R 32	57.60.1682	6K8	MF, 1%, 0204, E24					
0 R 33	57.60.1682	6K8	MF, 1%, 0204, E24					
0 R 34	57.60.1682	6K8	MF. 1%, 0204, E24					
0 R35	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
0 R36	57.60.1682	1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24					
0 R36		1M 330R						
	57.60.1331		MF, 1%, 0204, E24					
0 R 38	not used	100R	MF, 1%, 0204, E24					
0 R 39	57.60,1101	100R	MF, 1%, 0204, E24					
0 R 40	57.60.1101	100R	MF, 1%, 0204, E24					
0 R 41	57.60.1105	1M	MF, 1%, 0204, E24					
0 R 42	57.60.1105	1M	MF, 1%, 0204, E24					
0 R 43	57.60.1105	1M	MF, 1%, 0204, E24					
0 R 44	57.60,1105	1M	MF, 1%, 0204, E24					
0 R 45	57.60.1105	1M	MF, 1%, 0204, E24					
0 R46	57.60.1105	1M	MF, 1%, 0204, E24					
	57.60.1105	1M	MF, 1%, 0204, E24					
0 R 48	57.60.1104	100K	MF, 1%, 0204, E24					
	57.60.1104	100K	MF, 1%, 0204, E24					
0 R 49								
0 R 49 0 R 50	57,60.1102	1K	MF, 1%, 0204, E24					
0 R 49		1K 0R0 4K7	MF, 1%, 0204, E24 MF, 0204 MF, 1%, 0204, E24					

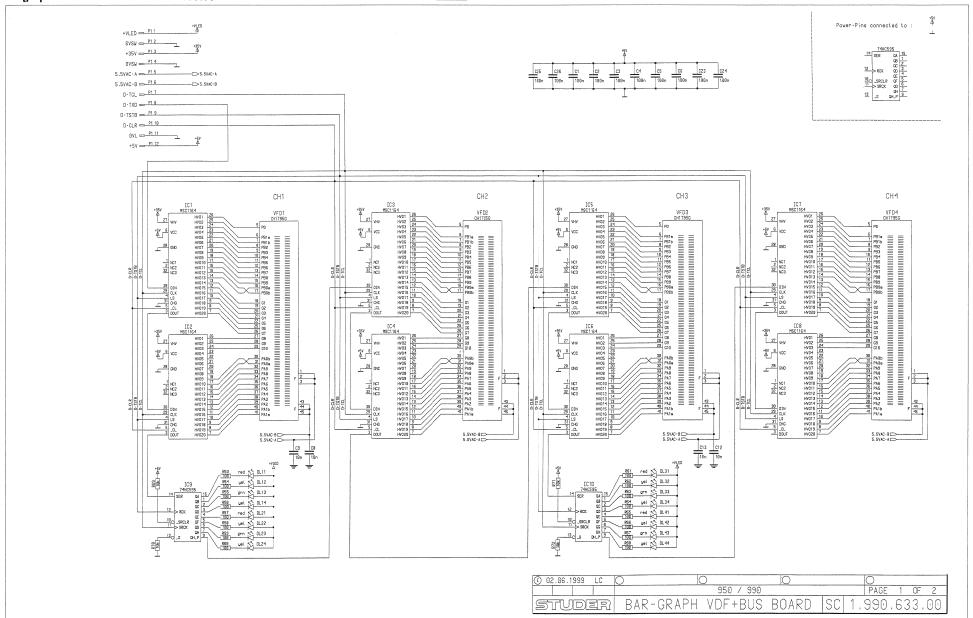
SECTION 4

4CH VFD Digital Bargraph 1.950.641.20



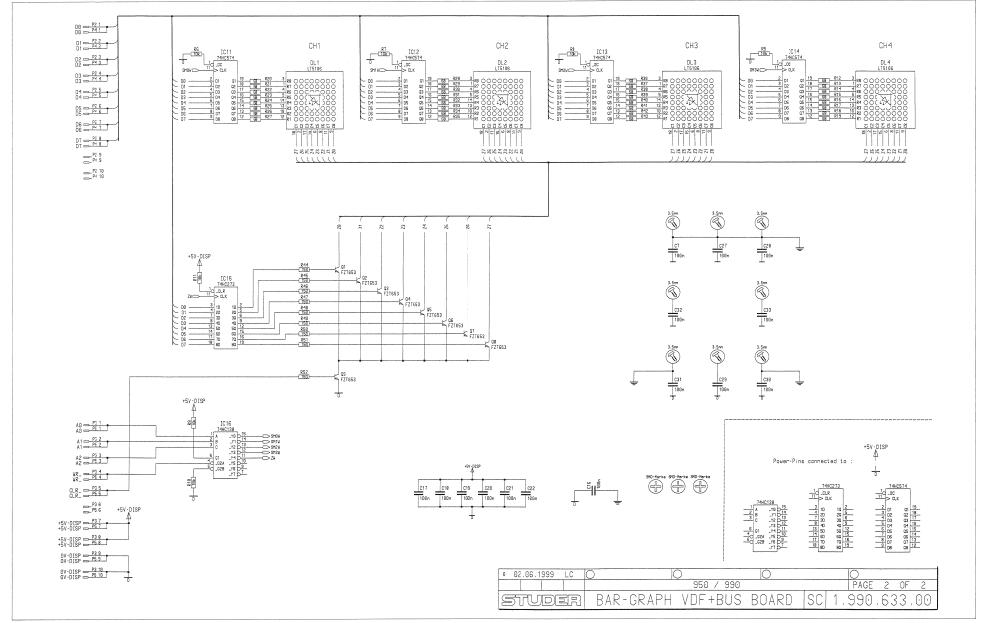
Bargraph VFD + Bus Board 1.990.633.00

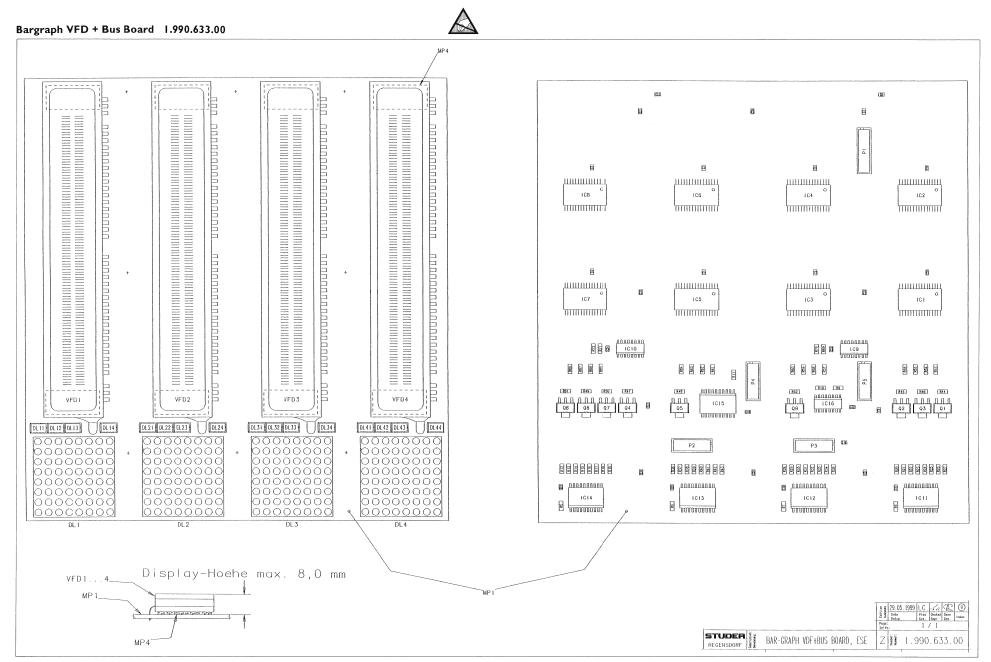




Bargraph VFD + Bus Board 1.990.633.00



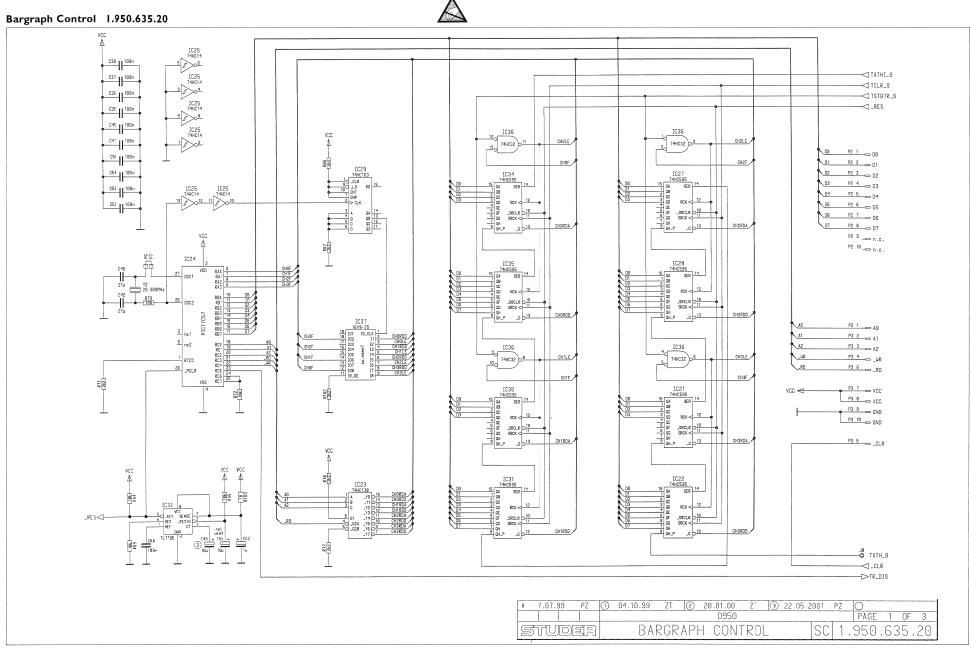






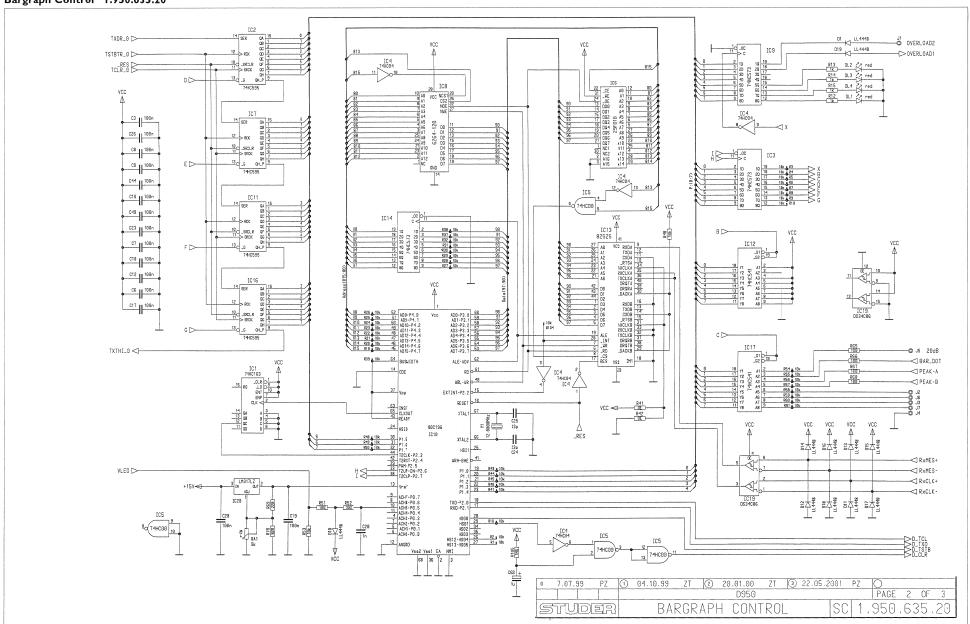
Bargraph VFD + Bus Board 1.990.633.00

x Pos.	Part No. Qty.	Type/Val.	Description	idx Pos.	Part No. Qty	y. Type/Val.	Description
C1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 Q8	50.60.0150	FZT653	NPN 100V 2.0A SOT 223
C1	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X7R, 0805	0 09	50.60.0150	FZT653	NPN 100V 2.0A SOT 223 NPN 100V 2.0A SOT 223
C3	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805	V 45	00.00.0100	121000	14 1000 2.0M GOT 223
C4	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R5	57.60.1103	10K	MF, 1%, 0204, E24
0.5	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R6	57.60.1103	10K	MF, 1%, 0204, E24
0 06	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R7	57.60.1103	10K	MF, 1%, 0204, E24
C7	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R8	57.60.1103	10K	MF. 1%, 0204, E24
0 08	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R9	57.60.1103	10K	MF. 1%, 0204, E24
0 09	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 10	57.60.1103	13K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C9	59.60.3325	10n	CER 50V, 10%, X/R, 0805	0 R10	57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	59.60.3325 59.60.3325	10n	CER 50V, 10%, X/R, 0805	0 K11	57.60.1103 57.60.1680	1JK 63R	MF, 1%, 0204, E24 MF 1%, 0204, E24
C 13	59.60.3325 59.60.3327	100 100n	CER 50V, 10%, X/R, 0805	0 R 12	57.60.1680	63R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C 16	59.60.3327 59.60.3327	100n 100n	CER 50V, 10%, X7R, 0805	0 R 14	57.60.1680	63R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C18	59.60.3327	100n	CER 50V, 10%, X7R, 0805	0 R 15	57.60.1680	63R	MF, 1%, 0204, E24
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 16	57.60.1680	63R	MF, 1%, 0204, E24
C 19	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 17	57.60.1680	63R	MF, 1%, 0204, E24
C 20	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805	0 R 18	57.60.1680	63R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C 21	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 19	57.60.1680	63R	MF, 1%, 0204, E24
C 22	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805	0 R 19	57.60.1680	63R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805		57,60,1680	63R	MF, 1%, 0204, E24
C 24	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 21 0 R 22	57.60.1680	63R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C 25	59.60.3337 59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805	0 R 22	57.60.1680	63R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C 26		100n 100n	CER 50V, 10%, X/R, 0805		57.60.1680	63R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C 27	59.60.3337	100n 100n	CER 50V, 10%, X/R, 0805	0 R 24		65R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
C 28	59.60.3337			0 R 25	57.60.1680	65R	
C 29	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 26	57.60.1680		MF, 1%, 0204, E24
C 30	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 27	57.60.1680	63R	MF, 1%, 0204, E24
C 31	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 28	57.60.1680	68R	MF, 1%, 0204, E24
C 32	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 29	57.60.1680	63R	MF, 1%, 0204, E24
C 33	59,60,3337	100n	CER 50V, 10%, X7R, 0805	0 R 30	57.60.1680	68R	MF, 1%, 0204, E24
				0 R 31	57.60.1680	68R	MF, 1%, 0204, E24
DL1	73.01.0404		8*8 Dot matrix display	0 R 32	57.60.1680	63R	MF, 1%, 0204, E24
DL 2	73.01.0404		8*8 Dot matrix display	0 R 33	57.60.1680	63R	MF, 1%, 0204, E24
DL3	73.01.0404		8*8 Dot matrix display	0 R 34	57.60.1680	68R	MF, 1%, 0204, E24
DL4	73.01.0404		8*8 Dot matrix display	0 R 35	57.60.1680	63R	MF, 1%, 0204, E24
1 DL 11	50.04.2119	MV57124A	DL MV 57124 A, RT	0 R 36	57.60.1680	65R	MF, 1%, 0204, E24
1 DL 12	50.04.2118		DL MV 53124 A, GB	0 R 37	57.60.1680	68R	MF, 1%, 0204, E24
1 DL 13	50.04.2146	MV54124A	DL MV 54124 A, GN	0 R 38	57.60.1680	68R	MF, 1%, 0204, E24
1 DL 14	50.04.2118	MV53124A	DL MV 53124 A, GB	0 R 39	57.60.1680	68R	MF, 1%, 0204, E24
1 DL 21	50.04.2119	MV57124A		0 R 40	57.60.1680	68R	MF, 1%, 0204, E24
1 DL 22	50.04.2118		DL MV 53124 A, GB	0 R 41	57.60.1680	68R	MF, 1%, 0204, E24
1 DL 23	50.04.2146		DL MV 54124 A, GN	0 R 42	57.60.1680	6BR	MF, 1%, 0204, E24
1 DL 24	50.04.2118	MV53124A		0 R 43	57.60.1680	68R	MF, 1%, 0204, E24
1 DL 31	50.04.2119	MV57124A	DL MV 57124 A, RT	0 R 44	57,60.1151	150R	MF, 1%, 0204, E24
1 DL 32	50.04.2118	MV53124A		0 R 45	57.60.1151	150R	MF, 1%, 0204, E24
1 DL 33	50.04.2146		DL MV 54124 A, GN	0 R 46	57,60,1151	150R	MF, 1%, 0204, E24
1 DL 34	50.04.2118		DL MV 53124 A, GB	0 R 47	57,60.1151	150R	MF, 1%, 0204, E24
1 DL 4"	50.04.2119	MV57124A		0 R 48	57.60.1151	150R	MF, 1%, 0204, E24
1 DL 42	50.04.2118	MV53124A		. 0 R 49	57.60.1151	150R	MF, 1%, 0204, E24
1 DL 43	50.04.2146	MV54124A		0 R 50	57.60.1151	150R	MF, 1%, 0204, E24
1 DL 44	50.04.2118	MV53124A		0 R 51	57.60.1151	150R	MF, 1%, 0204, E24
				0 R 52	57.60.1151	150R	MF, 1%, 0204, E24
0 IC 1	50.62.0008	MSC1164G	S- VF Display driver	0 R 53	57.60.1101	100R	MF, 1%, 0204, E24
0 IC2	50.62.0008	MSC1164G	S- VF Display driver	0 R 54	57.60.1101	100R	MF. 1%, 0204, E24
0 IC3	50.62.0008		S- VF Display driver	0 R 55	57.60.1101	100R	MF, 1%, 0204, E24
0 IC 4	50.62.0008		S- VF Display driver	0 R 56	57.60.1101	130R	MF, 1%, 0204, E24
0 IC 5	50.62,0008		S- VF Display driver	0 R 56	57.60.1101 57.60.1101	130R 130R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 106	50.62.0008		S- VF Display driver	0 R58	57.60.1101	100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 10 7	50.62.0008		S- VF Display driver			130R 130R	
0 IC8	50.62.0008		S- VF Display driver	0 R 59	57.60.1101	130R 130R	MF, 1%, 0204, E24
0 IC 8	50.62.0008 50.62.1595	74HC595	8- VF Display driver 8bit shift/output register	0 R 60	57.60.1101		MF, 1%, 0204, E24
		74HC595 74HC595		0 R 61	57.60.1101	100R	MF, 1%, 0204, E24
0 IC 10	50.62.1595		8bit shift/output register	0 R 62	57.60.1101	100R	MF, 1%, 0204, E24
0 IC 11	50.62.1574	74HC574	Octal D-FF	0 R 63	57.60.1101	100R	MF, 1%, 0204, E24
0 IC 12	50.62.1574	74HC574	Octal D-FF	0 R 64	57.60.1101	100R	MF, 1%, 0204, E24
0 IC 13	50.62.1574	74HC574	Octal D-FF	0 R 65	57.60.1101	130R	MF, 1%, 0204, E24
0 IC 14	50.62.1574	74HC574	Octal D-FF	0 R 66	57.60.1101	130R	MF, 1%, 0204, E24
0 IC 15	50.62.1273	74HC273	Octal D-FF with reset	0 R 67	57.60.1101	100R	MF, 1%, 0204, E24
0 IC 16	50.62.1138	74HC138	3 to 8 line decoder	0 R 68	57.60.1101	130R	MF, 1%, 0204, E24
				0 R 69	57.60.1103	10K	MF, 1%, 0204, E24
0 MP1	1.990.633.11		BARGRAPH VFD+BUS BOARD PCB	0 R 70	57.60.1103	10K	MF. 1%, 0204, E24
0 MP2	1.990.633.04		Nr. Etikette 5 x 20	0 R71	57.60.1103	13K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 MP3	43.01.0108	Label	ESE-WARNSCHILD	0 R72	57.60.1103	10K	MF, 1%, 0204, E24
0 MP4	65.99.0192 8 pcs		Polyurethan-Klebband ws 9*0.8	U 11/2	37.00.1103	1975	, . 70, 0207, LET
5 INT #	00.00.010E 0 pcs		Länge 20mm	0 VED 1	73.01.0302	Barreni	Dual Bargraph Display
			Luigo kullili			Bargraph	
0 P1	54.14.5582	120	PCB-Stecker gerade	0 VFD 2	73.01.0302	Bargraph	Dual Bargraph Display
				0 VFD 3	73.01.0302	Bargraph	Dual Bargraph Display
0 P2	not used	10p	PCB-Stecker gerade	0 VFD 4	73.01.0302	Bargraph	Dual Bargraph Display
0 P3	not used	10p	PCB-Stecker gerade				
0 P4	54.14.5580	10p	PCB-Stecker gerade			End of List	
0 P5	54.14.5580	10p	PCB-Stecker gerade	0			
		page	NOV 4000 A COMPANY	Comments 22.9.99 (1) new led			
0 Q1	50.60.0150	FZT653	NPN 100V 2.0A SOT 223	22.338 (1) INW 100			
0 02	50.60.0150	FZT653	NPN 100V 2.0A SOT 223				
0 Q3	50.60.0150	FZT653	NPN 100V 2.0A SOT 223				
	50.60.0160	FZT653	NPN 100V 2.0A SOT 223				
0 Q4							
0 Q4 0 Q5	50.60.0150	FZT653	NPN 100V 2.0A SOT 223				
	50.60.0150 50.60.0150	FZT653 FZT653	NPN 100V 2.0A SOT 223 NPN 100V 2.0A SOT 223				
Q 5							

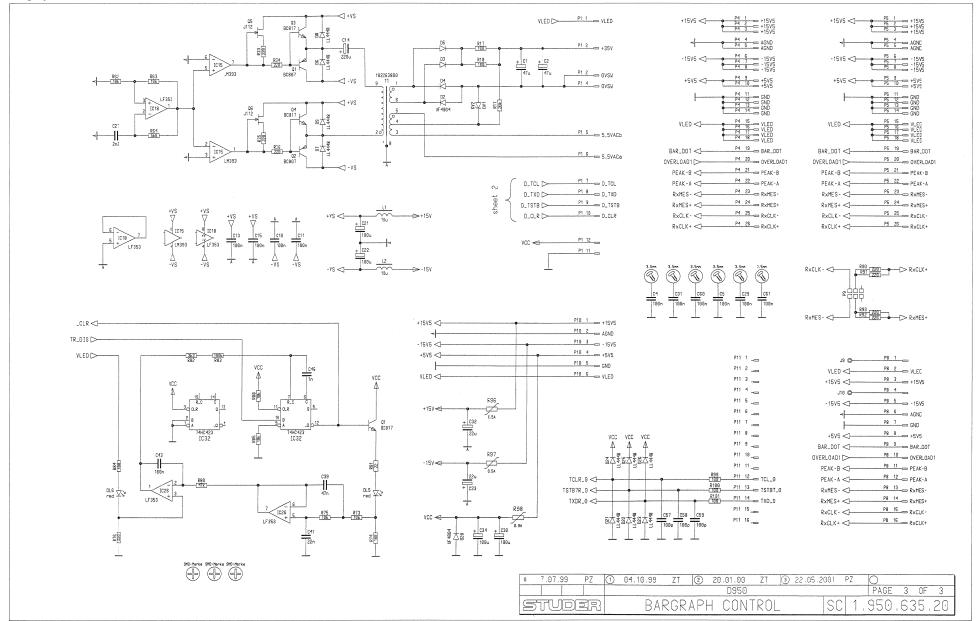


SECTION 4

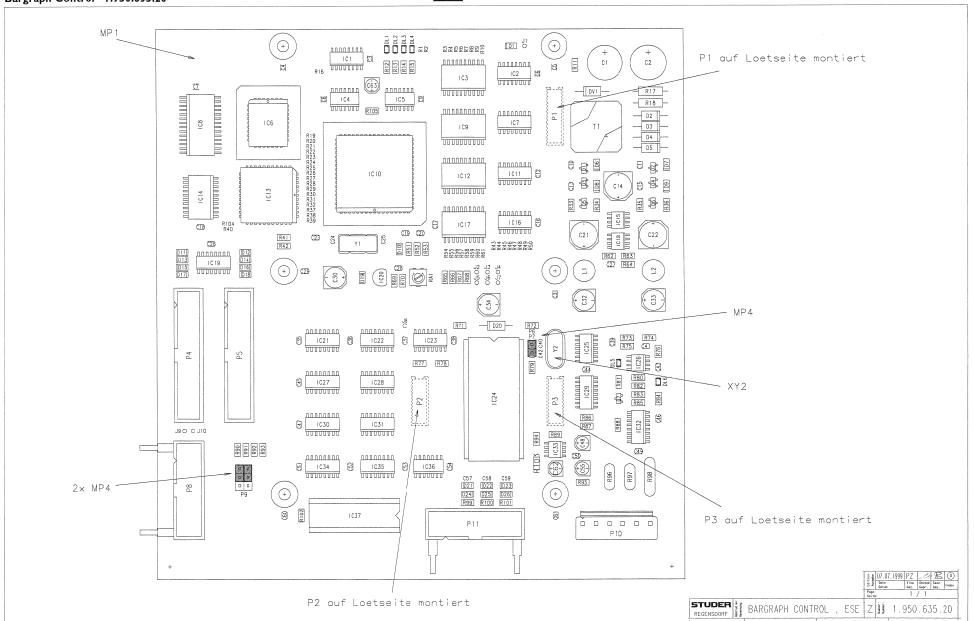
Bargraph Control 1.950.635.20















X	Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No.	Qty.	Type/Val.	Description
	C 1	59.22.8470	47u	EL 63V 20% RM5	0	D 26	50.60.8001		4448	200mA 75V 4ns SOD 80
	C 2	59.22.8470	47u	EL 63V 20% RM5	•	D 20	00.00.0001		4440	200113A 73V 4113 3OD 60
	C 3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DL 1	50.60.9401		red	SMD LED superred
	C 4	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DL 2	50.60.9401		red	SMD LED superred
	C 5	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DL 3	50.60.9401		red	SMD LED superred
	0.6	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DL 4	50.60.9401		red	SMD LED superred
	C 7	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DL 5	50.60.9401		red	SMD LED superred
	C 8	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DL 6	50.60.9401		red	SMD LED superred
					•		00.00.0401		100	CIVID ELD SUPCIFICA
	C 9	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	DV 1	50.04.1511		6V2	Zener, 5%, 1.3W, DO-41
	C 10	59.60.3337	100n	CER 50V, 10%, X7R, 0805						
	C 11	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 1	50.62.1163		74HC163	Synchr preset 4bit counter bin
	C 12	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 2	50.62.1595		74HC595	8bit shift/output register
	C 13	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 3	50.62.1573		74HC573	Octal D-type latch
	C 14	59.68.0073	220u	EL 16V, 8.0*10.7	0	IC 4	50.62.1004		74HC 04	Hex inverter
	C 15	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 5	50.62.1000		74HC 00	Quad 2input NAND
	C 16	59.60.3337	100n	CER 50V, 10%, X7R, 0805	ō	IC 6	1.940.933.20			SW950635 BARGRAPH
	C 17	59.60.3337	100n	CER 50V, 10%, X7R, 0805	•		110 10.000.20		(29F010, 506	
	C 18	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 7	50.62.1595		74HC595	8bit shift/output register
	C 19	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 8	50.63.1502			
				PPS 50V, 2%, 0805					6264	SRAM 8K*8, 120ns
	C 20	59.63.1113	1n0		0	IC 9	50.62.1573		74HC573	Octal D-type latch
	C 21	59.68.0115	100u	EL 35V, 8.0*10.7	0	IC 10	50.63.0003		80C196	MPU 16bit
	C 22	59.68.0115	100u	EL 35V, 8.0*10.7	0	IC 11	50.62.1595		74HC595	8bit shift/output register
	C 23	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 12	50.62.1541		74HC541	Octal buffer line driver/recei
	C 24	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0	IC 13	50.63.0200		SAB82525-N	Serial Communication Control.
	C 25	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0	IC 14	50.62.1573		74HC573	Octal D-type latch
	C 26	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 15	50.61.9001		LM393	Dual voltage comp. SO 8
	C 27	59.60,3317	2n2	CER 50V, 10%, X7R, 0805	0	IC 16	50.62.1595		74HC595	8bit shift/output register
	C 28	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 17				
				CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805			50.62.1541		74HC541	Octal buffer line driver/recei
	C 29	59.60.3337	100n		0	IC 18	50.61.0207		LF353	Dual Op-Amp JFET SO 8
	C 30	59.68.0029	100u	EL 6V, 6.3*5.7	0	IC 19	50.62.0463		DS34C86	4*RS 422 Line Receiver
	C 31	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 20	50.10.0108		LM317L	Series regulator 100mA+37V
	C 32	59.68.0111	22u	EL 35V, 6.3*5.7	0	IC 21	50.62.1595		74HC595	8bit shift/output register
	C 33	59,68.0111	22u	EL 35V, 6.3*5.7	0	IC 22	50.62.1595		74HC595	8bit shift/output register
	C 34	59.68.0029	100u	EL 6V, 6.3*5.7	0	IC 23	50.62.1138		74HC138	3 to 8 line decoder
	C 35	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 24	1.940.920.20		7 1110 100	SW990638 BARGRAPH-PIC ,A
	C 36	59.60.3337	100n	CER 50V, 10%, X7R, 0805	Ū	10 2-1	1.040.020.20		(PIC16C57, 5	
						10.05	50.00.4044			
	C 37	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 25	50.62.1014		74HC 14	Hex Schmitt trigger inverter
	C 38	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 26	50.61.0207		LF353	Dual Op-Amp JFET SO 8
	C 39	59.60.3333	47n	CER 50V, 10%, X7R, 0805		IC 27	50.62.1595		74HC595	8bit shift/output register
	C 40	59.60.2235	27p	CER 50V, 5%, C0G, 0603	0	IC 28	50.62.1595		74HC595	8bit shift/output register
	C 41	59.60.3329	22n	CER 50V, 10%, X7R, 0805	0	IC 29	50.62.1163		74HC163	Synchr preset 4bit counter bin
	C 42	59.60.2235	27p	CER 50V, 5%, C0G, 0603	0	IC 30	50.62.1595		74HC595	8bit shift/output register
	C 43	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 31	50.62.1595		74HC595	8bit shift/output register
	C 44	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 32				
							50.62.1423		74HC423	Dual multivibr monost retrigg
	C 45	59.60.3337	100n	CER 50V, 10%, X7R, 0805		IC 33	50.63.2001		7705B	Reset Generator
	C 46	59.63.1113	1n0	PPS 50V, 2%, 0805		IC 34	50.62.1595			8bit shift/output register
	C 47	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 35	50.62.1595		74HC595	8bit shift/output register
	C 48	59.68.0065	10u	EL 16V, 4.0*5.7	0	IC 36	50.62.1032		74HC 32	Quad 2input OR
	C 49	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	IC 37	1.940.925.20			SW990638 BARGRAPH-GAL ,A
	C 50	59.60.3337	100n	CER 50V, 10%, X7R, 0805					(PLD16V8, 50	
	C 51	59.60.3337	100n	CER 50V, 10%, X7R, 0805						,
	C 52	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	L 1	62.02.3100		10uH	10%, radial RM 5
	C 53		100n	CER 50V, 10%, X7R, 0805	0	L 2	62.02.3100		10uH	10%, radial RM 5
		59.60.3337								
	C 54	59.60.3337	100n	CER 50V, 10%, X7R, 0805		MP 1	1.950.635.11			BARGRAPH Control PCB
	C 55	not used	10u	EL 16V, 4.0*5.7	0	MP 2	1.950.635.10	1 pce		Nr. Etikette
	C 57	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
	C 58	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0	MP 4	54.01.0021	3 pcs	Jumper	0.63*0.63mm, Au
	C 59	59.60.2249	100p	CER 50V, 5%, C0G, 0603	3	MP 5	43.10.0111		В	Revisions-Etikette 5mm h'blau
	C 60	59.60.3337	100n	CER 50V, 10%, X7R, 0805				•		
	C 61	59.60.3337	100n	CER 50V, 10%, X7R, 0805		P 1	54.14.5512			PCB-Buchse gerade
	C 62	59.68.0127	1u0	EL 50V, 4.0*5.7		P 2	54.14.5510			PCB-Buchse gerade
	C 63	59.68.0127	1u0	EL 50V, 4.0*5.7	0	P 3	54.14.5510		10p	PCB-Buchse gerade
					0	P 4	54.14.2003		26p	1/20" Au, gerade, ohne Verrieg
	D 1	50.60.8001	4448	200mA 75V 4ns SOD 80	0	P 5	54.14.2003			1/20" Au, gerade, ohne Verrieg
	D 2	50.04.0138	UF4004	D BYT 01-400, UF 4004		P 6	54.01.0020			Pin 0.63*0.63
	D 3	50.04.0138	UF4004	D BYT 01-400, UF 4004		P 7	54.01.0020			Pin 0.63*0.63
	D 4	50.04.0138	UF4004	D BYT 01-400, UF 4004		P 8	54.14.2102			P STECKER 16 P,AU,VR,GERADE
	D 5	50.04.0138	UF4004	D BYT 01-400, UF 4004		P9	54.11.0136			Pin 0.63*0.63, RM2.54
	D 6	50.60.8001	4448	200mA 75V 4ns SOD 80						
	D 7	50.60.8001	4448	200mA 75V 4ns SOD 80		P 10	54.12.0506		•	P Stecker 6p Power-Pin
	D 8				0	P 11	54.14.2102		16p	P STECKER 16 P,AU,VR,GERADE
		50.60.8001	4448	200mA 75V 4ns SOD 80	0	Q 1	50.60.1050		BC807-25	PNP 45V 800mA SOT 23
	D 9	50.60.8001	4448	200mA 75V 4ns SOD 80		Q 2	50.60.1050			PNP 45V 800mA SOT 23
	D 10	50.60,8001	4448	200mA 75V 4ns SOD 80						NPN 45V 800mA SOT 23
	D 11	50.60.8001	4448	200mA 75V 4ns SOD 80		Q 3	50.60.0050			
	D 12	50.60.8001	4448	200mA 75V 4ns SOD 80		Q 4	50.60.0050			NPN 45V 800mA SOT 23
	D 13	50.60.8001	4448	200mA 75V 4ns SOD 80		Q 5	50.60.2001			JFET N-Channel
	D 14	50.60.8001	4448	200mA 75V 4ns SOD 80		Q 6	50.60.2001			JFET N-Channel
	D 15	50.60.8001	4448	200mA 75V 4ns SOD 80	0	Q 7	50.60.0050		BC817-25	NPN 45V 800mA SOT 23
	D 16	50.60.8001	4448	200mA 75V 4ns SOD 80						
	D 17			200mA 75V 4ns SOD 80		R 1	57.69.1097			CF 5% 0603
		50.60.8001	4448			R 2	57.69.1097		10k	CF 5% 0603
	D 18	50.60.8001	4448	200mA 75V 4ns SOD 80	0	R3	57.69.1097		10k	CF 5% 0603
	D 19	50.60.8001	4448	200mA 75V 4ns SOD 80		R4	57.69.1097			CF 5% 0603
	D 20	50.04.0138	UF4004	D BYT 01-400, UF 4004		R 5	57.69.1097			CF 5% 0603
	D 21	50.60.8001	4448	200mA 75V 4ns SOD 80		R6	57.69.1097 57.69.1097			CF 5% 0603
	D 22	50.60.8001	4448	200mA 75V 4ns SOD 80						CF 5% 0603
	D 23	50.60.8001	4448	200mA 75V 4ns SOD 80		R7	57.69.1097			
					0	R 8	57.69.1097			CF 5% 0603
	D 24	50.60.8001	4448	200mA 75V 4ns SOD 80	0	R 9	57.69.1097		10k	CF 5% 0603



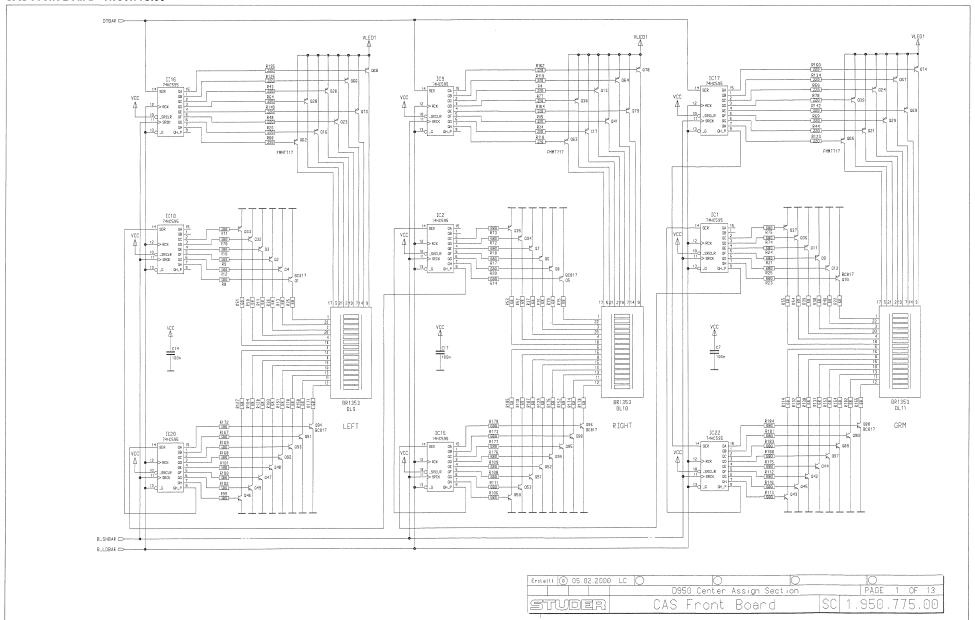
15 578 579 15 15 15 15 15 15 15 1	Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No.	Qty. Ty	ype/Val.	Description
11 0	R 10		10k	CF 5% 0603	0	R 97	57 92 7012	0.4	5A	PTC 60V
12 57.04.1002	R 11									
13 57 57.61102	R 12									
15	R 13	57.60.1102		MF, 1%, 0204, E24	0	R 100				
18 6 F 26 1007 19 N	R 14	57.60.1102	1K	MF, 1%, 0204, E24	0	R 101	57.60.1101	10	0R	MF, 1%, 0204, E24
17 57 15.11.5101 1008 MF 19, 2027 0 F 104 not used 10k CF 59, 6030 1 F 105 275 155 155 155 155 155 155 155 155 155 1	R 15	57.60.1102	1K		0	R 102	57.60.1222	2K	(2	
18 57.11.3001 1008 MF, 19, 2007 0 8 105 57.96.1155 100 MP, 19, 2007 100, 100 P, 19, 500 0 9 RA 1 56.86.0171 80 0 00 0 0 RA 1 56.86.0171 80 0 00 0 RA 1 56.86.0171 80 0 00 0 RA 1 56.86.0171 80 0 0 RA 1 56.86.0171 80 0 RA 1 56.86.0171 80 0 00 RA 1 56.86.0171 80 0 RA 1 56.86.0171 80 RA 1 56.86.0171 80 RA 1 56.86.0171 80 RA 1 5	R 16									
19	R 17									
20	R 18				0	R 105	57.60.1155	1N	1 5	MF, 1%, 0204, E24
22 57.86.1007 100. CF 510.0033 0 T 1 1.022.638.00 KONERTERTRAPO 2U VTD 1 22 57.86.1007 100. CF 59.0033 0 XIO 55.05.222 32p P.C.O.Colouse 24 57.86.1007 100. CF 59.0033 0 XIO 55.05.222 32p P.C.O.Colouse 25 57.86.1007 100. CF 59.0033 0 XIO 55.05.222 32p P.C.O.Colouse 26 57.86.1007 100. CF 59.0033 0 XIO 55.05.222 32p P.C.O.Colouse 27 57.86.1007 100. CF 59.0033 0 XIO 55.05.222 32p P.C.O.Colouse 28 67.86.1007 100. CF 59.0033 0 XIO 57.05.226 6 P.C.O.Colouse 29 67.86.1007 100. CF 59.0033 0 XIO 57.05.226 6 P.C.O.Colouse 20 67.86.1007 100. CF 59.0033 0 XIO 57.05.226 6 P.C.O.Colouse 20 78.86.1007 100. CF 59.0033 0 XIO 57.05.226 6 P.C.O.Colouse 20 79.86.1007 100. CF 59.0033 0 XIO 57.05	R 19				0	RA 1	58.60.0117	5k	.0	SMD 20%, 0.25W, Cermet
22 576 1987 100 CF 59 0983 0 XIG 6 25 25 25 25 P. P.C.C. SCHOOLS 2 F.	R 20 R 21									
23 578 1007 100 C F 9% 0800 D X MC 0 0 58 02022 290 PLC-Second C	R 22				U	1 1	1.022.638.00			KONVERTERTRAFO ZU VED BARO
22 5768.1007 198. CF 5% 0000 0 X 302 2288 69. PLC-G-Sected 23 5768.1007 198. CF 5% 0000 0 X 302 23 53.03.0737 29. DLC-Sected 24 78.08.1007 198. CF 5% 0000 0 X 302 23 53.03.0737 29. DLC-Sected 25 78.08.1007 198. CF 5% 0000 0 X 302 23 53.03.0737 29. DLC-Sected 26 78.08.1007 198. CF 5% 0000 0 X 302 23 53.03.0737 29. DLC-Sected 27 80.08.1007 198. CF 5% 0000 0 X 302 23 53.03.0737 29. DLC-Sected 28 98.09. PLC-Sected 29 98.09. PLC-S	R 23				0	XIC 6	53.03.2232	32	:p	PLCC-Socket
28 97 89 1007 10k CP 91k 0000 0 X XCC 24 53.02.0173 28p DLLCF 91k 0000 0 X XCC 24 53.02.0173 28p DLLCF 91k 0000 0 X XCC 27 53.00.0184 0 X XCC 27 50.00.0184 10k CP 51k 0000 0 X XCC 27 50.01.0189 0 XCC 27 50.	R 24				0	XIC 10	53.03.2268			PLCC-Socket
28 9 59.8 1097	R 25				0	XIC 24	53.03.0173	28	р	DIL 0.6", löt, gerade
Total	R 26				0	XIC 37	53.03.0165	20	p	DIL 0.3", löt, gerade
23	R 27				0	w 2	80 01 1400			OLIARZ - ISOLIERRI ATTE
10 not used 10k CF 5% 6865 9 Y 2 89 01,1007 20,000MHz XTAL HC 49U 10 not used 10k CF 5% 6865 9 End 50 Y 2 89 01,1007 20,000MHz XTAL HC 49U 10k CF 5% 6865 9 End 50 X 22 22 22 22 22 22 22 22 22 22 22 22 2	R 28	not used	10k	CF 5% 0603	v	X1 Z	09.01.1499			GOARZ-ROCKER EATTE
10	R 29	not used	10k	CF 5% 0603	0	Y 1	89.60.1003	12	.000MHz	SMD Quartz
Total	R 30	not used	10k	CF 5% 0603	0	Y 2	89.01.1007	20	.000MHz	XTAL HC 49/U
33 5 75 69.1221 200 MF, 19, 2004, E24 5 75 69.1221 200 MF, 19, 2004, E24 5 75 76.9.1221 200 MF, 19, 2004, E24 6 (01) Value modification: R58, R58, R57, R81, R84 6 75 76.9.1221 200 MF, 19, 2004, E24 7	R 31	not used	10k	CF 5% 0603						
34 57 60.1221 200R MF, 1%, 0004, E24 (01) Value monification: RS 5.58 RS7, RS1, RS4 35 57 60.1221 200R MF, 1%, 0004, E24 (02) Value monification: RS 5.58 RS7, RS1, RS4 36 67 60.1221 200R MF, 1%, 0004, E24 (02) Value monification: RS 5.58 RS7, RS1, RS4 37 mont used 10k CF 5% 0003 38 mont used 10k CF 5% 0003 39 mont used 10k CF 5% 0003 30 mont used 0 RS 5.58 RS7, RS1, RS4 41 mont used 0 RS 5.58 RS7, RS1, RS4 41 mont used 0 RS 5.58 RS7, RS1, RS4 42 57 68 RS7 10 RS 5.58 RS7, RS1, RS4 43 57 68 RS7 10 RS 5.58 RS7, RS1, RS4 44 pr. 2004 MF, 0004 MF, 0004 45 57 68 RS7 10 RS 5.58 RS7, RS1, RS4 45 57 68 RS7 10 RS1, RS2 45 57 68 RS2 45 57 68 RS1, RS2 45 57 68 RS1, RS2 45 57 68 RS1, RS2 45 57	R 32								End of L	ıst ——————
35 57 60.1221 200R MF, 1%, 0204, E24 (02) Value modification; R74.876 (02) Value modification; R74.	R 33									
38 57 6.01221 2.20R MF, 118, 0204, E24 37 not used 10k CF 5% 0603 38 not used 10k CF 5% 0603 39 17.66 1997 10k CF 5% 0603 30 10 57.66 1997 10k CF 5% 0603 30 57.66 1997 10k CF 5% 0603 40 57.69 1997 10k CF 5% 0603 40 57.69 1997 10k CF 5% 0603 41 57.69 1997 10k CF 5% 0603 42 57.60 1997 10k CF 5% 0603 43 57.69 1997 10k CF 5% 0603 45 57.69 1997 10k CF 5% 0603 46 57.69 1997 10k CF 5% 0603 47 57.69 1997 10k CF 5% 0603 48 57.69 1997 10k CF 5% 0603 49 57.69 1997 10k CF 5% 0603 40 57.69 1997 10k CF 5%	R 34								R84	
73 mot used 10k CF 5% 0603 83 mot used 10k CF 5% 0603 95 76.01007 10k CF 5% 0603 95 76.01007 10k CF 5% 0603 96 77.09.1007 10k CF 5% 0603 97 mot used 070 MF, 0204 97 mot used 070 MF, 0204 97 mot used 070 MF, 0204 98 mot used 070 MF, 0204 98 mot used 070 MF, 0204 98 mot used 070 MF, 0204 99 mot used 070 MF, 0204 99 mot used 070 MF, 0204 90 mot	R 35 R 36									
38 not used 10k CF 5% 0003 9 57.80 1070 10k CF 5% 0003 9 57.80 1070 10k CF 5% 0003 14 not used CR0 15 No 1000 CR0 16 NF 0004 14 70 70 10k CF 5% 0003 14 57.80 1007 10k CF 5% 0003 15 7.80 1007 10k CF 5% 0003 16 57.80 1007 10k CF 5% 0003 17 10k CF 5% 0003 18	R 37				(00)	O40. Iui	10ui , 000 110	n uscu		
30	R 38									
10	R 39									
141 not used GRO GRO MF. 0204 142 57.80.1000 GRO MF. 0204 143 57.80.1007 10k CF 5% 0803 145 57.80.1007 10k CF 5% 0803 145 57.80.1007 10k CF 5% 0803 145 57.80.1007 10k CF 5% 0803 147 57.80.1007 10k CF 5% 0803 147 57.80.1007 10k CF 5% 0803 148 57.80.1007 10k CF 5% 0803 149 57.80.1007 10k CF 5% 0803 140 57.8	R 40									
13	R 41									
44 5 78.8 1067 10k CF 5% 0803 45 57.88 1067 10k CF 5% 0803 46 57.88 1067 10k CF 5% 0803 47 57.88 1067 10k CF 5% 0803 48 57.88 1067 10k CF 5% 0803 48 57.88 1067 10k CF 5% 0803 49 57.88 1067 10k CF 5% 0803 50 57.88 1067 10k CF 5% 0803 51 57.80 1071 10k CF 5% 0803 52 57.80 1101 100R MF, 1%, 0204, E24 52 57.80 1101 100R MF, 1%, 0204, E24 53 57.80 1101 10k CF 5% 0803 55 57.80 1101 10k CF 5% 0803 56 57.80 1101 10k CF 5% 0803 57 57.80 1101 10k CF 5% 0803 58 57.80 1101 10k CF 5% 0803 59 57.80 1101 10k CF 5% 0803 50 57.80 1101 10k CF 5% 0803	R 42	57.60.1000	0R0	MF, 0204						
45 57.88.1097 10k CF 5% 6083 47 57.89.1097 10k CF 5% 6083 48 57.89.1097 10k CF 5% 6083 49 57.89.1097 10k CF 5% 6083 50 57.89.1097 10k CF 5% 6083 51 57.80.1091 10k CF 5% 6083 51 57.80.1101 100R MF, 1%, 6204, 6224 52 57.80.1101 100R MF, 1%, 6204, 6224 43 57.80.1101 100R MF, 1%, 6204, 6224 43 57.80.1101 100k CF 5% 6083 55 57.80.1121 100k CF 5% 6083 56 57.80.1121 100k CF 5% 6083 57 57.80.1121 100k CF 5% 6083 59 57.90.1027 10k CF 5% 6083 50 57.80.1021 10k CF 5% 6083 50 57.80.1021 10k CF 5% 6083 50 57.80.1021 10k CF 5% 6083 50	R 43	57.69.1097	10k	CF 5% 0603						
18	R 44	57.69.1097	10k							
47 57,58,1007 10k CF 596,0007 10k CF 596,0003 575,00107 10k CF 596,0003 575,00107 10k CF 596,0003 575,00107 10k CF 596,0003 575,00107 10k MR 196,0004 224 424 424 424 424 424 578,00107 10k CF 596,0004 224 424 424 424 578,0007 10k CF 596,0004 200 200 578,0007 10k CF 596,0003 578,0007	R 45									
18	R 46									
19	R 47									
10	R 48									
51	R 49									
22 57.80.1101 100R MF, 1%, 020A, E24 53 57.80.103 10K MF, 1%, 020A, E24 54 57.80.1097 10k CF 5% 0803 55.60.75.80.1221 100K CF 5% 0803 57.80.1021 100K CF 5% 0803 57.80.1097 10K CF 5% 0803 57.80.1091 10K MF, 1%, 0204, E24 44 57.80.109 10K MF, 1%, 0204, E24 57.80.1101 10R MF, 1%, 0204, E24 57.80.1102 MF, 1%, 0204, E24 57.80.1103 10K MF, 1%, 0204, E24 57.80.1	R 51									
38	R 52									
54 57.69.1097 10k CF 5% 0003 55 57.69.1121 100k CF 5% 0003 57.69.1121 100k CF 5% 0003 57.69.1121 100k CF 5% 0003 57.69.1097 10k MF 15% 0004 52 57.69.1103 10k MF 15% 0004 52 57.69.1103 10k MF 15% 0004 53 57.69.1103 10k MF 15% 0004 55 57.69.1101 100R MF 15% 0004 55 57.69.1101 100R MF 15% 0004 55 57.69.1101 100R MF 15% 0004 56 57.69.1101 100R MF 15% 0004 57 57.69.1102 10K MF 15% 0004 57 57.69.1103 10K MF 15% 0004 57 57.69.1103 10K MF 15% 0004 57 57.69.1103 10K MF 15% 0004 57 57.69.1101 100R MF 15% 0004 57 57.69.1102 10K MF 15% 0004 57 57.69.1103 10	R 53									
55 5 75.80.1121 100k CF 5% 6803 55 57.80.1121 100k CF 5% 6803 57.80.1121 100k CF 5% 6803 57.80.1037 10k CF 5% 6803 57.80.1097 10k CF 5% 6803 57.80.1103 10k MF, 1%, 0204, E24 57.80.1103 10k MF, 1%, 0204, E24 57.80.1103 10k MF, 1%, 0204, E24 57.80.1101 100R MF, 1%, 0204, E24 57.80.1103 10k MF, 1%, 0204, E24 57.80.1202 2k2 MF, 1%, 0204, E24 57.80.1203 10k MF, 1%, 0204, E24 57.80.1203 10k MF, 1%, 0204,	R 54									
58 57.89.1121 100k CF 5% 0803 57 57.89.1097 10k CF 5% 0803 58 57.89.1097 10k CF 5% 0803 59 57.89.1097 10k MF, 1%, 0204, E24 59 57.80.1103 10K MF, 1%, 0204, E24 59 57.80.1101 100R MF, 1%, 0204, E24 59 57.80.1221 20R MF, 1%, 0204, E24 59 57.80.1231 10k MF, 1%, 0204, E24 59 57.80.1103 10k MF, 1%, 0204, E24 59 57.80.1103 10k MF, 1%, 0204, E24 59 57.80.1221 20R MF, 1	R 55									
57 57.69.1121 100k	R 56									
57. 89. 1097 10k CF 5% 0803 57. 80. 1103 10K MF, 1%, 0204, E24 57. 80. 150. 150. 150. 150. 150. 150. 150. 15	R 57	57.69.1121		CF 5% 0603						
57.89.1097 10k CF 5% 0803 15 57.89.1097 10k CF 5% 0803 15 57.89.1097 10k CF 5% 0803 15 57.80.1103 10k MF, 1%, 0204, E24 15 57.80.1103 10k MF, 1%, 0204, E24 15 57.80.1101 100R MF, 1%, 0204, E24 15 57.80.1101 100R MF, 1%, 0204, E24 16 57.80.1101 100R MF, 1%, 0204, E24 17 57.80.1101 100R MF, 1%, 0204, E24 18 57.80.121 220R MF, 1%, 0204, E24 19 57.80.1221 220R MF, 1%, 0204, E24 17 57.80.1103 10k MF, 1%, 0204, E24 18 57.80.1101 100R MF, 1%, 0204, E24 19 57.80.121 020R MF, 1%, 0204, E24 19 57.80.1221 020R MF, 1%, 0204, E24 10 57.80.1221 020R MF, 1%, 0204, E24 10 57.80.1103 10k MF, 1%, 0204, E24 11 57.80.1103 10k MF, 1%, 0204, E24 12 57.80.1103 10k MF, 1%, 0204, E24 13 57.80.1103 10k MF, 1%, 0204, E24 14 57.80.1101 100R MF, 1%, 0204, E24 15 57.80.1221 020R MF, 1%, 0204, E24 16 57.80.1221 020R MF, 1%, 0204, E24 17 57.80.1222 0242 MF, 1%, 0204, E24 18 57.80.1101 100R MF, 1%, 0204, E24 19 57.80.1102 1K MF, 1%, 0204, E24 19 57.80.1103 10K MF, 1%, 0204	R 58	57.69.1097	10k	CF 5% 0603						
57.69.1097 10k CF 5% 0603 25 57.60.1103 10K MF, 1%, 0204, E24 57.60.1562 5K6 MF, 1%, 0204, E24 57.60.1562 5K6 MF, 1%, 0204, E24 57.60.1563 57.60.1101 100R MF, 1%, 0204, E24 58 57.60.1101 100R MF, 1%, 0204, E24 58 57.60.1101 100R MF, 1%, 0204, E24 59 57.60.1101 100R MF, 1%, 0204, E24 59 57.60.121 220R MF, 1%, 0204, E24 59 57.60.121 220R MF, 1%, 0204, E24 57.60.103 10K MF, 1%, 0204, E24 57.60.103 10K MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 57.60.122 2V2 MF, 1%, 0204, E24 57.60.103 10K MF, 1%, 0204, E24	R 59									
32 57.60.1103 10K MF. 1%, 0204, E24 34 57.60.1562 5K6 MF. 1%, 0204, E24 35 57.60.1101 100R MF. 1%, 0204, E24 36 57.60.1101 100R MF. 1%, 0204, E24 37 57.60.1101 100R MF. 1%, 0204, E24 38 57.60.1101 100R MF. 1%, 0204, E24 39 57.60.1101 100R MF. 1%, 0204, E24 39 57.60.1221 220R MF. 1%, 0204, E24 40 57.60.103 10K MF. 1%, 0204, E24 41 57.60.1103 10K MF. 1%, 0204, E24 42 57.60.1103 10K MF. 1%, 0204, E24 43 57.60.1103 10K MF. 1%, 0204, E24 45 57.60.1103 10K MF. 1%, 0204, E24 45 57.60.1103 10K MF. 1%, 0204, E24 46 57.60.1103 10K MF. 1%, 0204, E24 47 57.60.1103 10K MF. 1%, 0204, E24 48 57.60.1103 10K MF. 1%, 0204, E24 49 57.60.1103 10K MF. 1%, 0204, E24 40 57.60.1103 10K MF. 1%, 0204, E24 41 57.60.1103 10K MF. 1%, 0204, E24	R 60									
33 57.60.1502 10K MF, 195, 0204, E24 44 57.60.1562 5K6 MF, 195, 0204, E24 55 57.60.101 100R MF, 195, 0204, E24 57 57.60.1101 100R MF, 195, 0204, E24 57 57.60.1101 100R MF, 195, 0204, E24 58 57.60.121 220R MF, 195, 0204, E24 57 57.60.1221 220R MF, 195, 0204, E24 57 57.60.103 10K MF, 196, 0204, E24 57 57.60.1103 10K MF, 196, 0204, E24 57 57.60.1101 100R MF, 196, 0204, E24 57 57.60.1103 10K MF, 196, 0204, E24 57 57.60.1101 100R MF, 196, 0204, E24 57 57.60.1102 220R MF, 196, 0204, E24 57 57.60.1222 2K2 MF, 196, 0204, E24 57 57.60.1222 2K2 MF, 196, 0204, E24 57 57.60.1221 20R MF, 196, 0204, E24 57 57.60.1103 4K MF, 196, 0204, E24 57 57.60.1103	R 61									
57.60.1562	R 62									
55	R 63 R 64									
38 \$7.80.1101 100R MF, 1%, 0204, E24 38 \$7.80.1101 100R MF, 1%, 0204, E24 38 \$7.80.1221 220R MF, 1%, 0204, E24 39 \$7.80.1221 220R MF, 1%, 0204, E24 40 \$7.80.1221 20R MF, 1%, 0204, E24 41 \$7.80.1103 10K MF, 1%, 0204, E24 42 \$7.80.1103 10K MF, 1%, 0204, E24 43 \$7.80.1103 10K MF, 1%, 0204, E24 45 \$7.80.1103 10K MF, 1%, 0204, E24 46 \$7.80.1221 220R MF, 1%, 0204, E24 47 \$7.80.1222 2K2 MF, 1%, 0204, E24 48 \$7.80.1222 2K2 MF, 1%, 0204, E24 49 \$7.80.1221 2K2 MF, 1%, 0204, E24 40 \$7.80.1221 2K2 MF, 1%, 0204, E24 40 \$7.80.1221 2K2 MF, 1%, 0204, E24 40 \$7.80.121 2K2 MF, 1%, 0204, E24 57.80.1103 10K MF	R 65									
57.60.1101 100R MF, 1%, 0204, E24 57.60.1101 100R MF, 1%, 0204, E24 57.60.1221 220R MF, 1%, 0204, E24 72 57.60.1103 10K MF, 1%, 0204, E24 73 57.60.1103 10K MF, 1%, 0204, E24 74 57.60.1103 10K MF, 1%, 0204, E24 75 57.60.1103 10K MF, 1%, 0204, E24 76 57.60.1103 10K MF, 1%, 0204, E24 77 57.60.1101 100R MF, 1%, 0204, E24 78 57.60.1101 100R MF, 1%, 0204, E24 79 57.60.1101 100R MF, 1%, 0204, E24 70 57.60.1221 220R MF, 1%, 0204, E24 70 57.60.1221 220R MF, 1%, 0204, E24 71 57.60.1222 2K2 MF, 1%, 0204, E24 72 57.60.1103 10K MF, 1%, 0204, E24 73 57.60.1221 220R MF, 1%, 0204, E24 74 57.60.1221 220R MF, 1%, 0204, E24 75 57.60.1101 100R MF, 1%, 0204, E24 75 57.60.1102 1K MF, 1%, 0204, E24 75 57.60.1103 10K MF, 1%, 0204, E24 75 57.60.1122 2K2 MF, 1%, 0204, E24 75 57.60.1122 2K2 MF, 1%, 0204, E24 75 57.60.1122 2K2 MF, 1%, 0204, E24 75 57.60.1123 10K MF, 1%, 0204, E24 76 57.60.1121 220R MF, 1%, 0204, E24 77 57.60.1121 220R MF, 1%, 0204, E24 78 57.60.1121 220R MF, 1%, 0204, E24 79 57.60.1121 220R MF, 1%, 0204, E24	R 66									
38 57.60.1101 100R MF, 1%, 0204, E24 90 57.60.1221 220R MF, 1%, 0204, E24 10 57.60.1222 2K2 MF, 1%, 0204, E24 11 57.60.1103 10K MF, 1%, 0204, E24 12 57.60.1103 10K MF, 1%, 0204, E24 14 57.60.1101 100R MF, 1%, 0204, E24 15 57.60.1103 10K MF, 1%, 0204, E24 16 57.60.1221 220R MF, 1%, 0204, E24 17 57.60.1222 2K2 MF, 1%, 0204, E24 18 57.60.1222 2K2 MF, 1%, 0204, E24 19 57.60.1221 220R MF, 1%, 0204, E24 10 57.60.1473 47K MF, 1%, 0204, E24 10 57.60.1473 47K MF, 1%, 0204, E24 10 57.60.1401 100K MF, 1%, 0204, E24 10 57.60.1102 1K MF, 1%, 0204, E24 10 57.60.1103 10K MF, 1%, 0204, E24 10 57.60.1103 10K MF, 1%, 0204, E24 10 57.60.1122 2K2	₹ 67									
57.60.1221 220R MF, 1%, 0204, E24 57.60.1221 820R MF, 1%, 0204, E24 57.60.1222 2K2 MF, 1%, 0204, E24 72 57.60.1103 10K MF, 1%, 0204, E24 73 57.60.1103 10K MF, 1%, 0204, E24 75 57.60.1103 10K MF, 1%, 0204, E24 76 57.60.1221 220R MF, 1%, 0204, E24 76 57.60.1222 2K2 MF, 1%, 0204, E24 77 57.60.1222 2K2 MF, 1%, 0204, E24 78 57.60.1473 47K MF, 1%, 0204, E24 79 57.60.1473 47K MF, 1%, 0204, E24 81 57.60.1332 3K3 MF, 1%, 0204, E24 82 57.60.1332 3K3 MF, 1%, 0204, E24 83 57.60.1103 10K MF, 1%, 0204, E24 84 57.60.1103 10K MF, 1%, 0204, E24 85 57.60.1103 10K MF, 1%, 0204, E24 86 57.60.1103 10K MF, 1%, 0204, E24	₹ 68									
71 57.60.1222 2K2 MF, 1%, 0204, E24 72 57.60.1103 10K MF, 1%, 0204, E24 73 57.60.1101 100R MF, 1%, 0204, E24 74 57.60.1103 10K MF, 1%, 0204, E24 75 57.60.1211 220R MF, 1%, 0204, E24 76 57.60.1221 220R MF, 1%, 0204, E24 77 57.60.1222 2K2 MF, 1%, 0204, E24 78 57.60.1222 2K2 MF, 1%, 0204, E24 79 57.60.1101 100R MF, 1%, 0204, E24 79 57.60.1101 100R MF, 1%, 0204, E24 79 57.60.121 220R MF, 1%, 0204, E24 79 57.60.121 220R MF, 1%, 0204, E24 79 57.60.1101 100R MF, 1%, 0204, E24 79 57.60.1101 100R MF, 1%, 0204, E24 79 57.60.1101 100R MF, 1%, 0204, E24 79 57.60.1102 1K MF, 1%, 0204, E24 79 57.60.1103 10K MF, 1%, 0204, E24 79 57.60.1212 20R MF, 1%, 0204, E24 79 57.60.121 220R MF, 1%, 0204, E24 79 57.60.1221 220R MF, 1%, 0204, E24	₹ 69	57.60.1221	220R							
72 57.80.1103 10K MF, 1%, 0204, E24 75.60.1103 10K MF, 1%, 0204, E24 75.60.1103 10K MF, 1%, 0204, E24 75.50.1103 10K MF, 1%, 0204, E24 75.50.1221 220R MF, 1%, 0204, E24 76.57.60.1222 2K2 MF, 1%, 0204, E24 77.57.60.1222 2K2 MF, 1%, 0204, E24 78.57.60.1101 100R MF, 1%, 0204, E24 78.57.60.1101 100R MF, 1%, 0204, E24 79.57.60.1101 100R MF, 1%, 0204, E24 79.57.60.1102 120R MF, 1%, 0204, E24 79.57.60.1103 10K MF, 1%, 0204, E24 79.57.60.1222 2K2 MF, 1%, 0204, E24 79.57.60.1221 220R MF, 1%, 0204, E24	₹ 70									
73 57.60.1103 10K MF, 1%, 0204, E24 74 57.60.1101 100R MF, 1%, 0204, E24 75 57.60.1102 10K MF, 1%, 0204, E24 76 57.60.1221 220R MF, 1%, 0204, E24 77 57.60.1222 2K2 MF, 1%, 0204, E24 78 57.60.1222 2K2 MF, 1%, 0204, E24 79 57.60.1103 10K MF, 1%, 0204, E24 79 57.60.1221 220R MF, 1%, 0204, E24 79 57.60.1332 3K3 MF, 1%, 0204, E24 79 57.60.1103 10K MF, 1%, 0204, E24 79 57.60.1221 220R MF, 1%, 0204, E24	₹ 71									
74 57.60.1101 100R MF. 1%, 0204, E24 57.60.1103 10K MF. 1%, 0204, E24 57.60.1221 220R MF. 1%, 0204, E24 57.60.1222 2K2 MF. 1%, 0204, E24 57.60.1222 2K2 MF. 1%, 0204, E24 57.60.1101 100R MF. 1%, 0204, E24 57.60.1101 100R MF. 1%, 0204, E24 57.60.1101 100R MF. 1%, 0204, E24 57.60.1101 20R MF. 1%, 0204, E24 57.60.1332 3K3 MF. 1%, 0204, E24 57.60.1102 1K MF. 1%, 0204, E24 57.60.1102 1K MF. 1%, 0204, E24 57.60.1102 1K MF. 1%, 0204, E24 57.60.1103 10K MF. 1%, 0204, E24 57.60.1222 2K2 MF. 1%, 0204, E24 57.60.1103 10K MF. 1%, 0204, E24 57.60.1221 220R MF. 1%, 0204, E24	R 72									
7.5 \$7.60.1103 10K MF, 1%, 0204, E24 7.7 \$7.60.1221 220R MF, 1%, 0204, E24 7.7 \$7.60.1222 2K2 MF, 1%, 0204, E24 7.8 \$7.60.1101 100R MF, 1%, 0204, E24 8.0 \$7.60.1473 47K MF, 1%, 0204, E24 9.0 \$7.60.1431 220R MF, 1%, 0204, E24 9.1 \$7.60.1332 3K3 MF, 1%, 0204, E24 9.2 \$7.60.1332 3K3 MF, 1%, 0204, E24 9.3 \$7.60.1102 1K MF, 1%, 0204, E24 9.4 \$7.60.1103 10K MF, 1%, 0204, E24 9.6 \$7.60.1222 2K2 MF, 1%, 0204, E24 9.6 \$7.60.1103 10K MF, 1%, 0204, E24 9.6 \$7.60.1103 10K MF, 1%, 0204, E24 9.0 \$7.60.1221 220R MF, 1%, 0204, E24 9.0 \$7.60.121 220R MF, 1%, 0204, E24 9.1 \$7.60.1221 220R MF, 1%, 0204, E24 9.1 \$7.60.1221 <td>R 73</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	R 73									
16 57,80,1221 220R MF, 1%, 0204, E24 17 57,60,1222 2K2 MF, 1%, 0204, E24 18 57,80,1222 2K2 MF, 1%, 0204, E24 19 57,60,1473 47K MF, 1%, 0204, E24 10 57,60,1221 220R MF, 1%, 0204, E24 102 57,60,1332 3K3 MF, 1%, 0204, E24 103 57,60,1104 100K MF, 1%, 0204, E24 104 57,60,1102 1K MF, 1%, 0204, E24 105 57,60,1103 10K MF, 1%, 0204, E24 106 57,60,1222 2K2 MF, 1%, 0204, E24 107 57,60,1222 2K2 MF, 1%, 0204, E24 108 57,60,1103 10K MF, 1%, 0204, E24 109 57,60,1103 10K MF, 1%, 0204, E24 101 57,60,1221 220R MF, 1%, 0204, E24 101 57,60,1221 <	R 74									
77 57.60.1222 2K2 MF, 1%, 0204, E24 78 57.60.1222 2K2 MF, 1%, 0204, E24 79 57.60.1473 47K MF, 1%, 0204, E24 80 57.60.1332 3K3 MF, 1%, 0204, E24 81 57.60.1332 3K3 MF, 1%, 0204, E24 81 57.60.1102 1K MF, 1%, 0204, E24 81 57.60.1103 10K MF, 1%, 0204, E24 81 57.60.122 2K2 MF, 1%, 0204, E24 81 57.60.1103 10K MF, 1%, 0204, E24 81 57.60.121 220R MF, 1%, 0204, E24 81 57.60.1221 220R MF, 1%, 0204, E24	R 75 R 76									
7.8 57.60.1222 2K2 MF, 1%, 0204, E24 7.8 57.60.1101 100R MF, 1%, 0204, E24 7.8 57.60.1473 47K MF, 1%, 0204, E24 7.8 57.60.1332 3K3 MF, 1%, 0204, E24 7.8 57.60.1332 3K3 MF, 1%, 0204, E24 7.8 57.60.1102 1K MF, 1%, 0204, E24 7.8 57.60.1103 10K MF, 1%, 0204, E24 7.8 57.60.1103 10K MF, 1%, 0204, E24 7.8 57.60.1103 10K MF, 1%, 0204, E24 7. 57.60.122 2K2 MF, 1%, 0204, E24 7. 57.60.122 2K2 MF, 1%, 0204, E24 7. 57.60.122 2K2 MF, 1%, 0204, E24 7. 57.60.121 220R MF, 1%, 0204, E24 7. 57.60.122 2CR MF, 1%, 0204, E24 7. 57.60.121 220R MF, 1%, 0204, E24	₹ 70 ₹ 77									
9 57.60.1101 100R MF, 1%, 0204, E24 57.60.1473 47K MF, 1%, 0204, E24 10 57.60.1221 220R MF, 1%, 0204, E24 10 57.60.1332 3K3 MF, 1%, 0204, E24 10 57.60.1102 1K MF, 1%, 0204, E24 10 57.60.1102 1K MF, 1%, 0204, E24 10 57.60.1103 10K MF, 1%, 0204, E24 10 57.60.122 2K2 MF, 1%, 0204, E24 10 57.60.121 220R MF, 1%, 0204, E24 10 57.60.1221 220R MF, 1%, 0204, E24 11 57.60.1221 220R MF, 1%, 0204, E24 12 57.60.1221 220R MF, 1%, 0204, E24 13 57.60.1221 220R MF, 1%, 0204, E24 14 57.60.1221 220R MF, 1%, 0204, E24 15 57.60.1221 220R MF, 1%, 0204, E24 16 57.60.1221 220R MF, 1%, 0204, E24 17 57.60.1221 220R MF, 1%, 0204, E24 18 57.60.1221 220R MF, 1%, 0204, E24	R 78									
57.60.1473 47K MF, 1%, 0204, E24 57.60.1221 220R MF, 1%, 0204, E24 57.60.1332 3K3 MF, 1%, 0204, E24 57.60.1104 100K MF, 1%, 0204, E24 57.60.1102 1K MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 57.60.122 2K2 MF, 1%, 0204, E24 57.60.122 2K2 MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 57.60.121 2DR MF, 1%, 0204, E24 57.60.122 2K2 MF, 1%, 0204, E24 57.60.121 2DR MF, 1%, 0204, E24	R 79									
61	₹ 80									
57.60.1332 3K3 MF, 1%, 0204, E24 57.60.1104 100K MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 57.60.1222 2K2 MF, 1%, 0204, E24 58 57.60.1123 10K MF, 1%, 0204, E24 58 57.60.1103 10K MF, 1%, 0204, E24 58 57.60.1103 10K MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 57.60.121 220R MF, 1%, 0204, E24 57.60.121 220R MF, 1%, 0204, E24 57.60.121 220R MF, 1%, 0204, E24 57.60.1221 220R MF, 1%, 0204, E24 57.60.1210 10K MF, 1%, 0204, E24	₹ 81			MF, 1%, 0204, E24						
34 57.60.1102 1K MF, 1%, 0204, E24 57.60.1103 10K MF, 1%, 0204, E24 56 57.60.1222 2K2 MF, 1%, 0204, E24 57 57.60.1222 2K2 MF, 1%, 0204, E24 58 57.60.1103 10K MF, 1%, 0204, E24 59 57.60.1221 220R MF, 1%, 0204, E24 50 57.60.1221 220R MF, 1%, 0204, E24 51 57.60.1221 220R MF, 1%, 0204, E24 51 57.60.1221 220R MF, 1%, 0204, E24 58 57.60.1221 220R MF, 1%, 0204, E24 58 57.60.1221 220R MF, 1%, 0204, E24 59 57.60.1221 220R MF, 1%, 0204, E24	₹ 82	57.60.1332	3K3	MF, 1%, 0204, E24						
57.60.1103 10K MF, 1%, 0204, E24 57.60.1222 2K2 MF, 1%, 0204, E24 58 57.60.1222 2K2 MF, 1%, 0204, E24 58 57.60.1103 10K MF, 1%, 0204, E24 59 57.60.1103 10K MF, 1%, 0204, E24 50 57.60.121 220R MF, 1%, 0204, E24 51 57.60.1221 220R MF, 1%, 0204, E24 51 57.60.121 210R MF, 1%, 0204, E24	₹ 83	57.60.1104	100K							
66 57.60.1222 2K2 MF, 1%, 0204, E24 67 57.60.1222 2K2 MF, 1%, 0204, E24 68 57.60.1103 10K MF, 1%, 0204, E24 69 57.60.1103 10K MF, 1%, 0204, E24 60 57.60.1221 220R MF, 1%, 0204, E24 61 57.60.1221 220R MF, 1%, 0204, E24 61 57.60.1221 220R MF, 1%, 0204, E24 62 57.60.1221 220R MF, 1%, 0204, E24 63 57.60.1221 220R MF, 1%, 0204, E24 64 57.60.1103 10K MF, 1%, 0204, E24	₹ 84									
67 57.60.1222 2K2 MF, 1%, 0204, E24 88 57.60.1103 10K MF, 1%, 0204, E24 99 57.60.1103 10K MF, 1%, 0204, E24 90 57.60.1221 220R MF, 1%, 0204, E24 91 57.60.1221 220R MF, 1%, 0204, E24 91 57.60.1221 220R MF, 1%, 0204, E24 93 57.60.1221 220R MF, 1%, 0204, E24 94 57.60.1231 30K MF, 1%, 0204, E24 94 57.60.1103 10K MF, 1%, 0204, E24	₹ 85									
88 57.60.1103 10K MF, 1%, 0204, E24 90 57.60.1221 220R MF, 1%, 0204, E24 91 57.60.1221 220R MF, 1%, 0204, E24 91 57.60.1221 220R MF, 1%, 0204, E24 92 57.60.1221 220R MF, 1%, 0204, E24 93 57.60.1221 220R MF, 1%, 0204, E24 94 57.60.1213 10K MF, 1%, 0204, E24	R 86									
99 57.60.1103 10K MF, 1%, 0204, E24 90 57.60.1221 220R MF, 1%, 0204, E24 91 57.60.1221 220R MF, 1%, 0204, E24 92 57.60.1221 220R MF, 1%, 0204, E24 93 57.60.1221 220R MF, 1%, 0204, E24 94 57.60.1103 10K MF, 1%, 0204, E24	R 87									
00 57.60.1221 220R MF, 1%, 0204, E24 01 57.60.1221 220R MF, 1%, 0204, E24 02 57.60.1221 220R MF, 1%, 0204, E24 03 57.60.1221 220R MF, 1%, 0204, E24 04 57.60.1103 10K MF, 1%, 0204, E24	₹ 88 ₹ 89									
11 57.60.1221 220R MF, 1%, 0204, E24 12 57.60.1221 220R MF, 1%, 0204, E24 13 57.60.1221 220R MF, 1%, 0204, E24 14 57.60.1103 10K MF, 1%, 0204, E24	₹ 89 ₹ 90									
12 57.60.1221 220R MF, 1%, 0204, E24 13 57.60.1221 220R MF, 1%, 0204, E24 14 57.60.1103 10K MF, 1%, 0204, E24	R 91									
33 57.60.1221 220R MF, 1%, 0204, E24 14 57.60.1103 10K MF, 1%, 0204, E24	R 92									
4 57.60.1103 10K MF, 1%, 0204, E24	₹ 93									
	₹ 94									
		57.60.1103	10K	MF, 1%, 0204, E24						

SCHEMATA / CIRCUIT DIAGRAMS

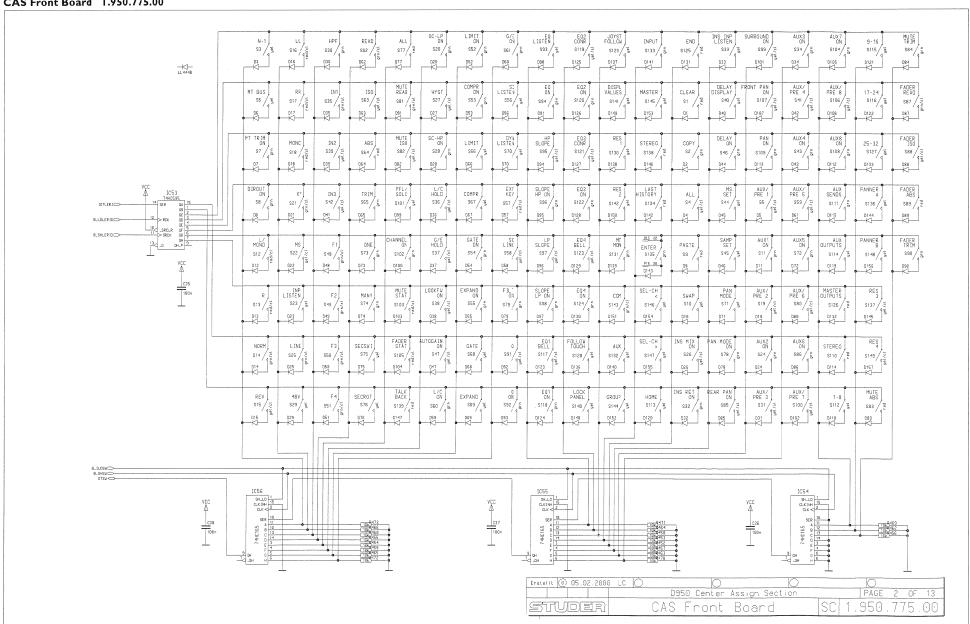
Central Control Units

CAS Front Board	
Automation Control Unit - Automation Control Unit Switchboard - SERDAT Interface Board	1.940.818.00
Automation Master Panel - Automation Control Panel - SERDAT Interface Board (see 1.940.820.00 above)	
Central Assign Unit - CAU Front Board - SERDAT Interface Board (see 1.940.820.00 above)	1.950.815.00
Joystick Module Channel Controller Board Joystick Front Board Joystick Driver Board Joystick Complete	1.940.756.21 1.950.721.00 1.950.722.00 1.950.723.00
Source Selector Unit	elector Unit) 1.990.498.00
Function Keyboard and Trackball	1.950.731.20
TFT Display Panel	1.950.840.00
Module Processor Board	1.950.189.20

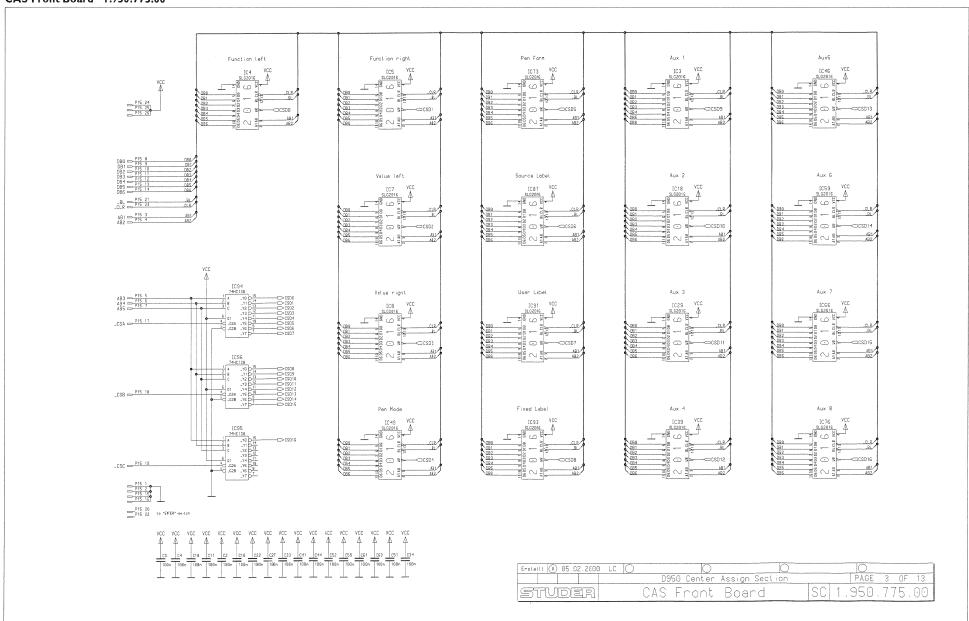
CAS Front Board 1.950.775.00



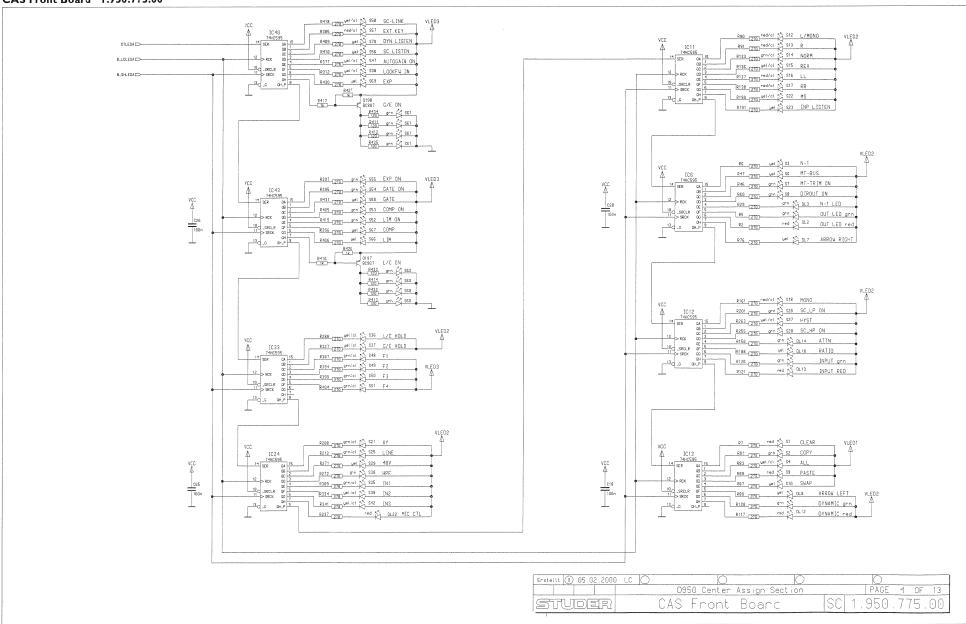
CAS Front Board 1.950.775.00



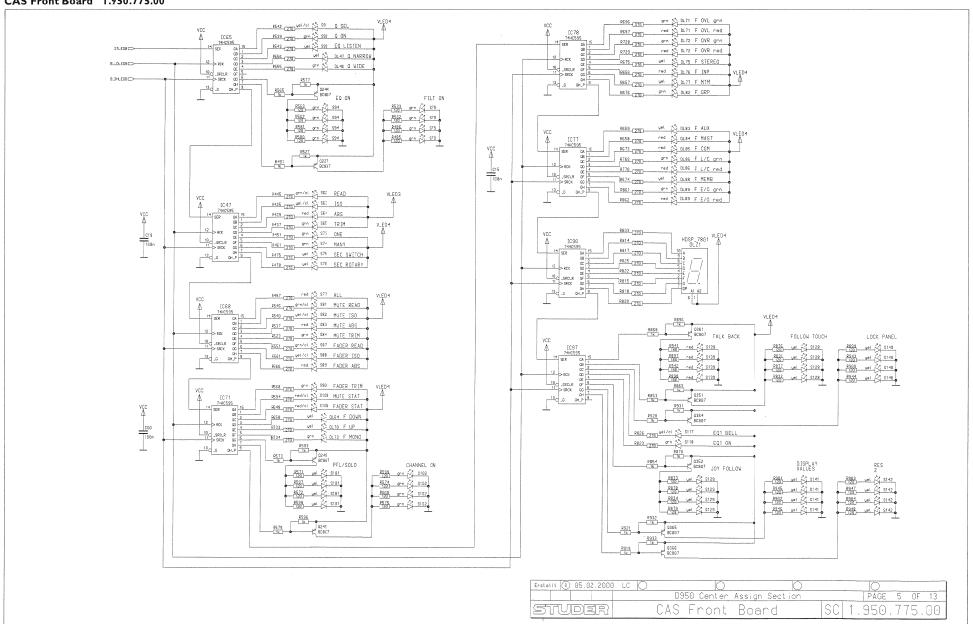
CAS Front Board 1.950.775.00



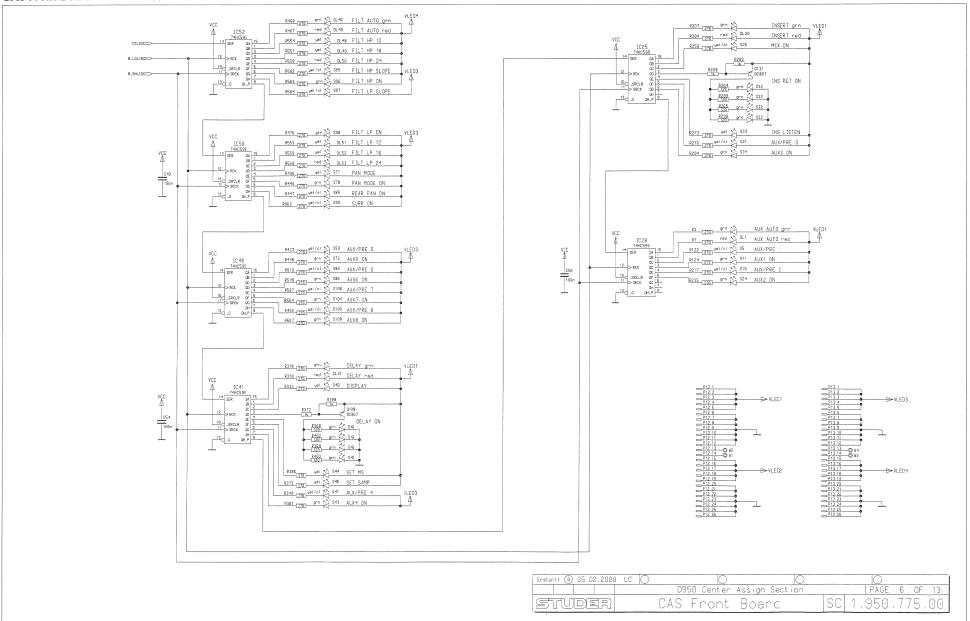
CAS Front Board 1.950.775.00

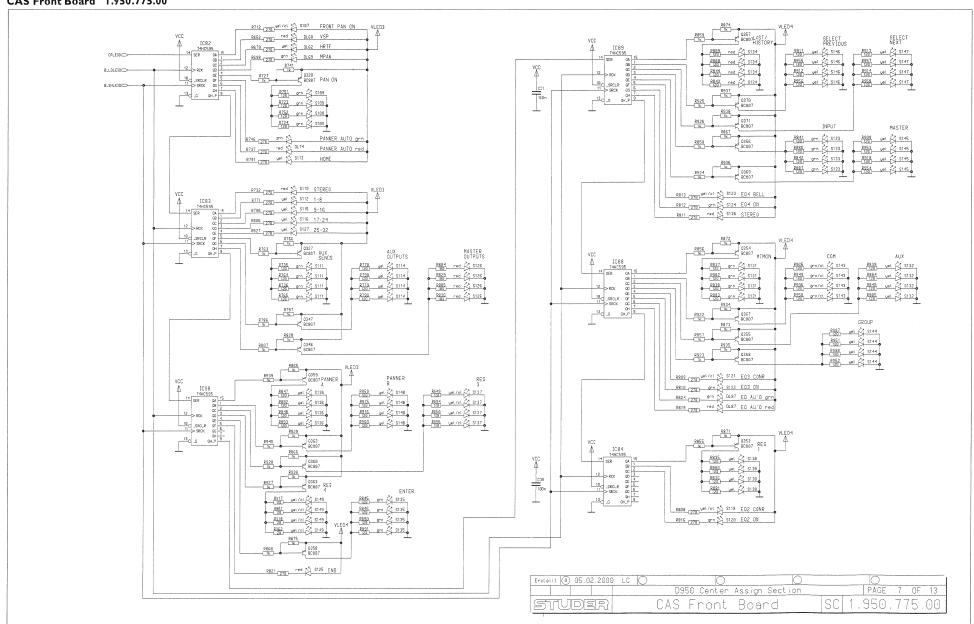


CAS Front Board 1.950.775.00

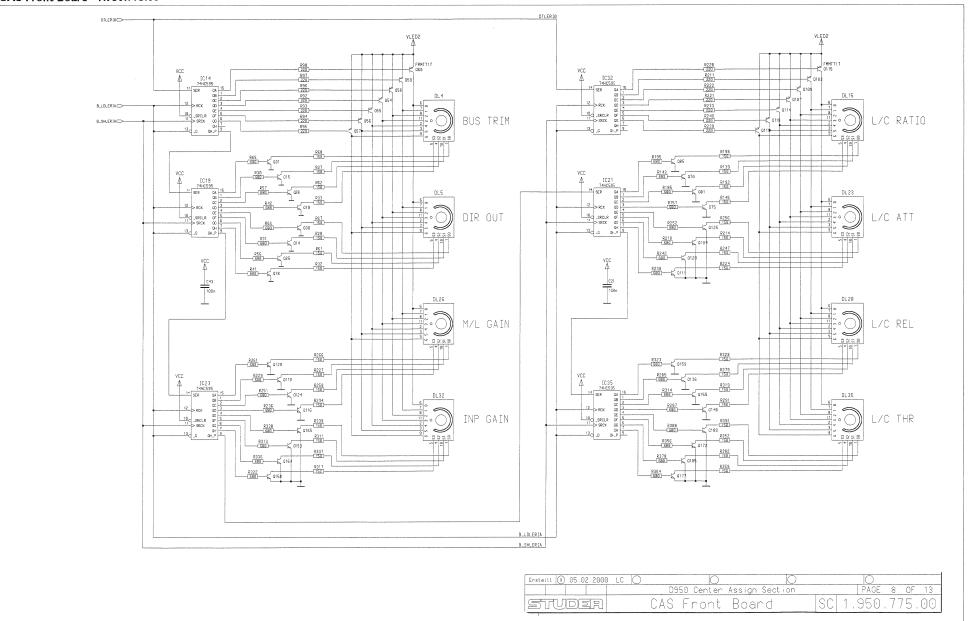


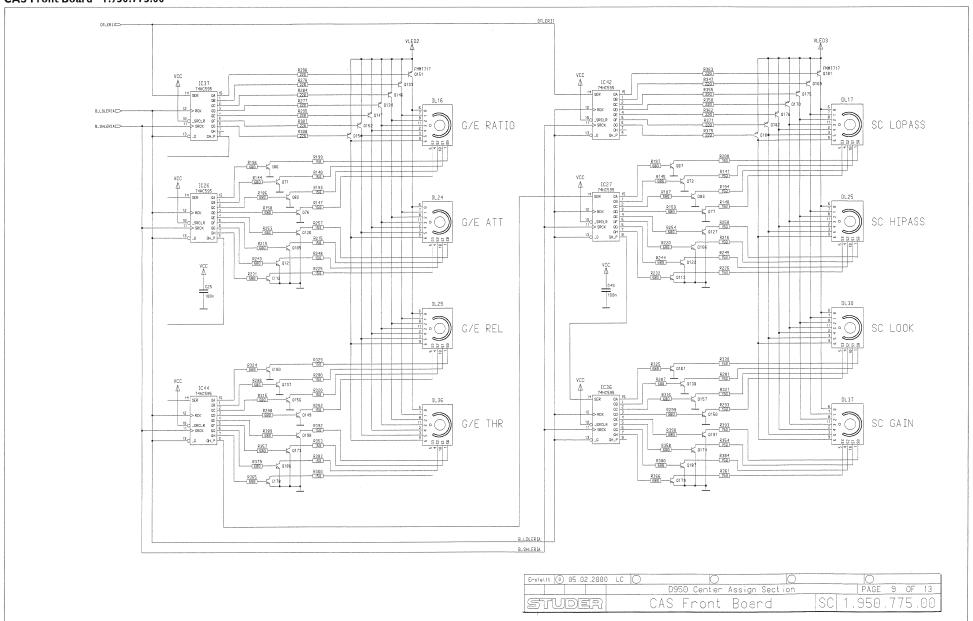
CAS Front Board 1.950.775.00



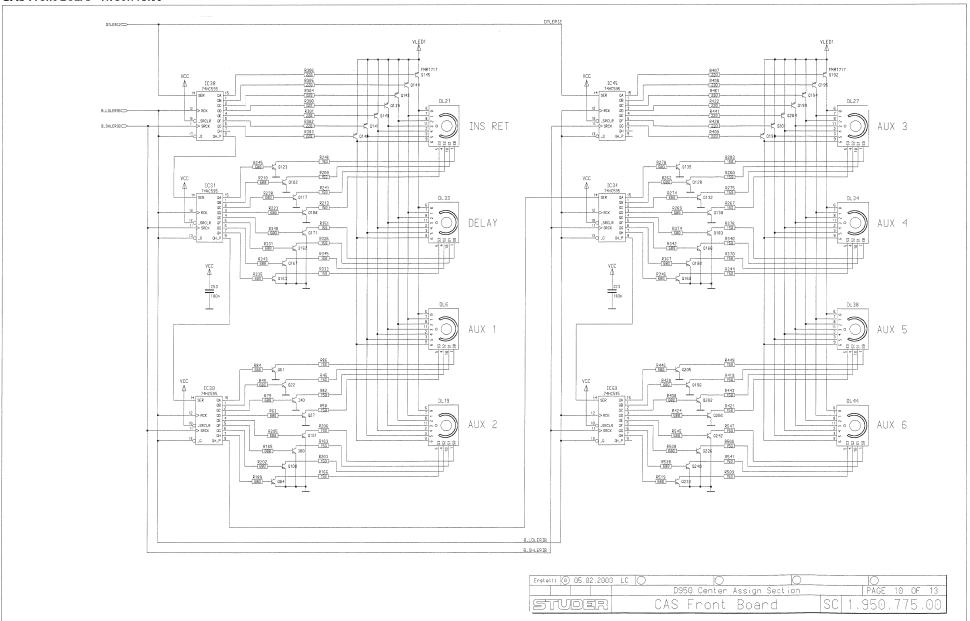


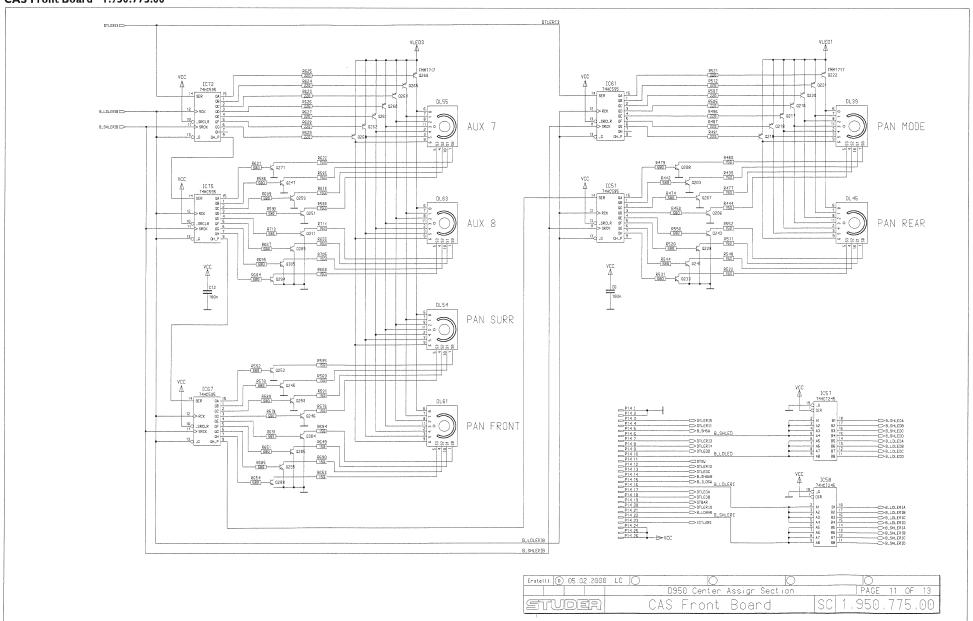
CAS Front Board 1.950.775.00

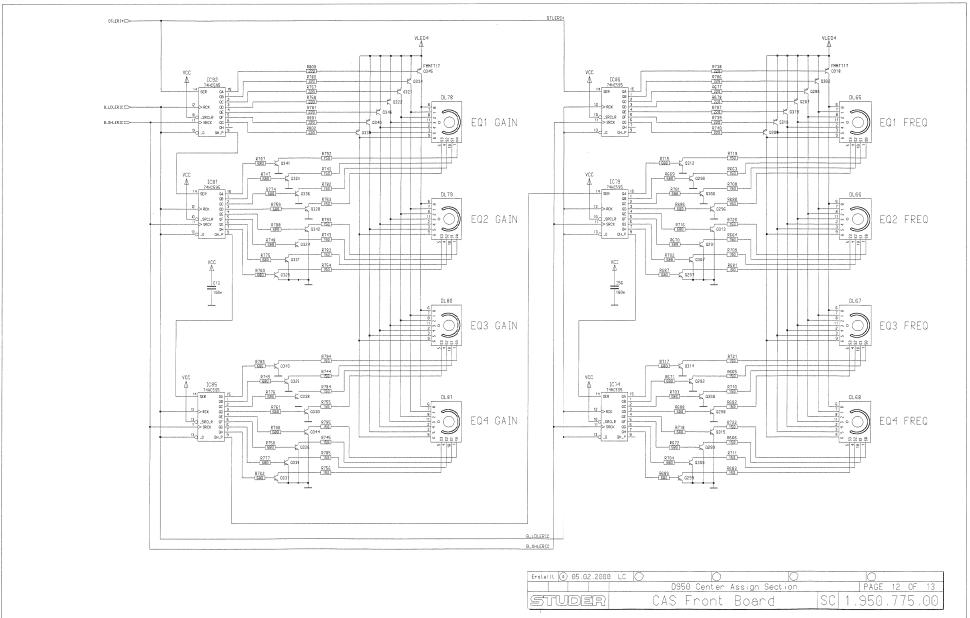


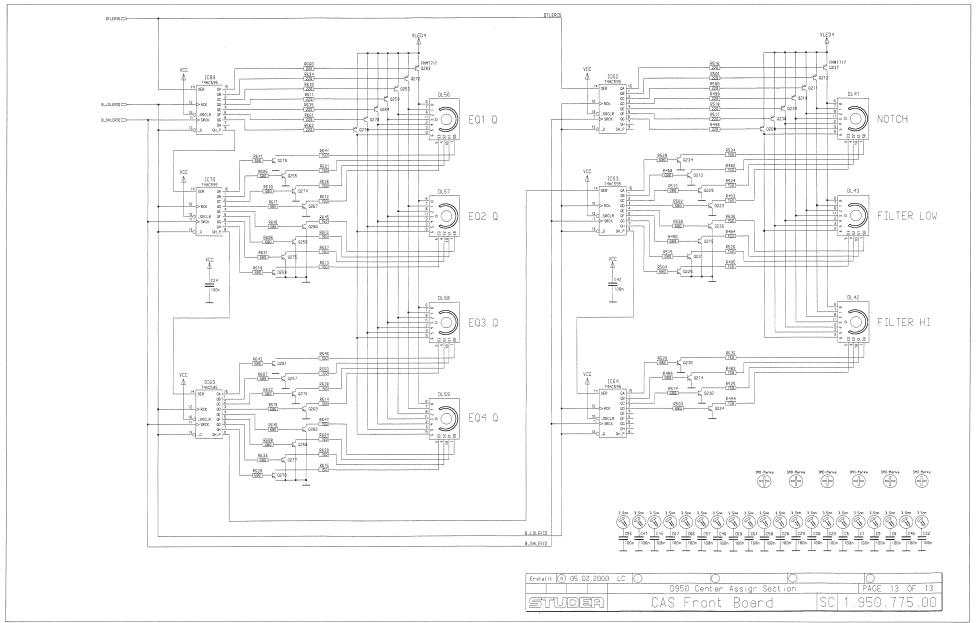


CAS Front Board 1.950.775.00

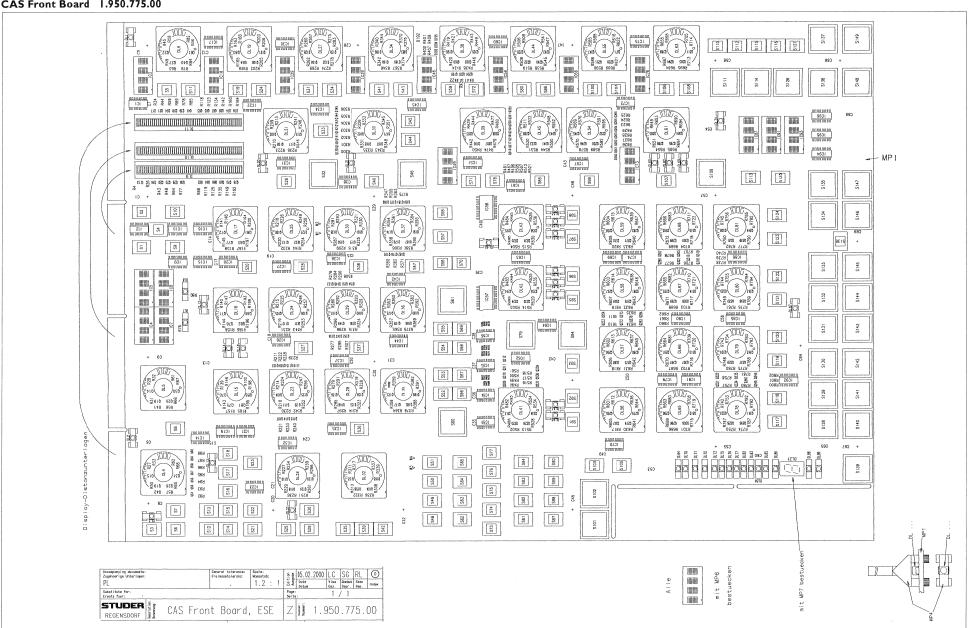








CAS Front Board 1.950.775.00





CAS Front Board 1.950.775.00

Pos.	Part No. Q	Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
C 1	59.60.3337 1	oce	100n	CER 50V. 10%. X7R. 0805	0 D 15	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D97	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 30	50.04.2860 1 pce		LED Ring
C 2	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 16	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D98	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 31	50.60.9415 1 pce	red/gm	SMD LED 2.7*3.5
C 3	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 17	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D99	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 32	50.04.2860 1 pce		LED Ring
C 4		pce	103n	CER 50V, 10%, X7R, 0805	0 D 18	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 100	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 33	50.04.2860 1 pce		LED Ring
C 5	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 19	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 101	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 34	50.04.2860 1 pce		LED Ring
C 6		pce	103n	CER 50V, 10%, X7R, 0805	0 D 20	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 102	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 35	50.04.2860 1 pce		LED Ring
C 7	59.60.3337 1		100n	CER 50V, 10%, X7R, 0805	0 D 21	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 103	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 36	50.04.2860 1 pce		LED Ring
C 8	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 22	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 104	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 37	50.04.2860 1 pce		LED Ring
C 9	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 23	50.60.8001 1 00	4448	200mA 75V 4ns SOD 80	0 D 105	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 38	50.04.2860 1 pce		LED Ring
C 10	59.60.3337 1	pce	103n	CER 50V, 10%, X7R, 0805	0 D 24	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 106	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 39	50.04.2860 1 pce		LED Ring
C 11	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 25	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 107	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 40	50.60.9415 1 pce	red/gm	SMD LED 2.7*3.5
C 12	59.60.3337 1		103n	CER 50V, 10%, X7R, 0805	0 D 26	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 112	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 41	50.04.2860 1 pce		LED Ring
C 13		pce	100n	CER 50V, 10%, X7R, 0805	0 D 27	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 113	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 42	50.04.2860 1 pce		LED Ring
C 14		pce	100n	CER 50V, 10%, X7R, 0805	0 D 28	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 114	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 43	50.04.2860 1 pce		LED Ring
C 15		pce	103n	CER 50V, 10%, X7R, 0805	0 D 29	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 115	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 44	50.04.2860 1 pce		LED Ring
C 16		pce	100n	CER 50V, 10%, X7R, 0805	0 D 30	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 118	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 45	50.04.2860 1 pce		LED Ring
C 17	59.60.3337 1		103n	CER 50V, 10%, X7R, 0805	0 D 31	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 119	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 46	50.60.9414 1 pce	gm	SMD LED 2.7*3.5
C 18		pce	100n	CER 50V, 10%, X7R, 0805	0 D 32	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 120	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 47	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 19	59.60.3337 1		103n	CER 50V, 10%, X7R, 0805	0 D 33	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 121	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 48	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 20		pce	103n	CER 50V, 10%, X7R, 0805	0 D 34	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 122	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 49	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 21	59.60.3337 1		103n	CER 50V, 10%, X7R, 0805	0 D 35	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 123	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 50	50.60.9412 1 pce	red	SMD LED 2.7*3.5
C 22	59.60.3337 1		103n	CER 50V, 10%, X7R, 0805	0 D 36	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 124	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 51	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 23		pce	100n	CER 50V, 10%, X7R, 0805	0 D 37	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 125	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 52	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 24		pce	100n	CER 50V, 10%, X7R, 0805	0 D 38	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 126	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 53	50.60.9412 1 pce	red	SMD LED 2.7*3.5
C 25		pce	100n	CER 50V, 10%, X7R, 0805	0 D 39	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 127	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 54	50.04.2860 1 pce		LED Ring
C 26	59.60.3337 1		100n	CER 50V, 10%, X7R, 0805	0 D40	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 128	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 55	50.04.2860 1 pce		LED Ring
C 27		pce	100n	CER 50V, 10%, X7R, 0805	0 D 41	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 129	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 56	50.04.2860 1 pce		LED Ring
C 28	59.60.3337 1		100n	CER 50V, 10%, X7R, 0805	0 D 42	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 130	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 57	50.04.2860 1 pce		LED Ring
29	59.60.3337 1		100n	CER 50V, 10%, X7R, 0805	0 D 43	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 131	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 58	50.04.2860 1 pce		LED Ring
C 30	59.60.3337 1		100n	CER 50V, 10%, X7R, 0805	0 D 44	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 132	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 59	50.04.2860 1 pce		LED Ring
C 31		pce	100n	CER 50V, 10%, X7R, 0805	0 D 45	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 133	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 60	50.60.9412 1 pce	red	SMD LED 2.7*3.5
C 32		pce	100n	CER 50V, 10%, X7R, 0805	0 D 46	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 136	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 61	50.04.2860 1 pce		LED Ring
C 33	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 47	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 137	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 62	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 34	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D48	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 138	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 63	50.04.2860 1 pce		LED Ring
C 35		pce	100n	CER 50V, 10%, X7R, 0805	0 D 49	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 139	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 64	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 36		pce	100n	CER 50V, 10%, X7R, 0805	0 D 50	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 140	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 65	50.04.2860 1 pce		LED Ring
C 37	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 51	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 141	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 66	50.04.2860 1 pce		LED Ring
C 38	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 52	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 142	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 67	50.04.2860 1 pce		LED Ring
C 39	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 53	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 143	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 68	50.04.2860 1 pce		LED Ring
C 40	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 54	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 144	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 69	50.60.9414 1 pce	gm	SMD LED 2.7*3.5
C 41	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 55	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 145	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 70	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 42	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 56	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 146	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 71	50.60.9415 1 pce	red/gm	SMD LED 2.7*3.5
C 43		pce	100n	CER 50V, 10%, X7R, 0805	0 D 57	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 147	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 72	50.60.9415 1 pce	red/gm	SMD LED 2.7*3.5
C 44	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 58	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 148	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 73	50.60.9414 1 pce	gm	SMD LED 2.7*3.5
C 45	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 59	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 149	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 74	50.60.9415 1 pce	red/gm	SMD LED 2.7*3.5
C 46	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D60	50.60,8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 150	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 75	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 47	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 61	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 151	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 76	50.60.9412 1 pce	red	SMD LED 2.7*3.5
C 48	59.60:3337 1	l pce	100n	CER 50V. 10%, X7R, 0805	0 D 62	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 152	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 77	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
C 49	59.60.3337 1	l pce	100n	CER 50V, 10%, X7R, 0805	0 D 63	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 153	50.60.8001 1 pce		200mA 75V 4ns SOD 80	0 DL 78	50.04.2860 1 pce		LED Ring
50	59.60.3337 1	loce	100n	CER 50V. 10%, X7R, 0805	0 D 64	50,60,8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 154	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 79	50.04.2860 1 pce		LED Ring
51	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 65	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 155	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 80	50.04.2860 1 pce		LED Ring
52	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 66	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 D 156	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 81	50.04.2860 1 pce		LED Ring
53	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D 67	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 D 157	50.60.8001 1 pce	4448	200mA 75V 4ns SOD 80	0 DL 82	50.60.9414 1 pce	gm	SMD LED 2.7*3.5
54		pce	100n	CER 50V, 10%, X7R, 0805	0 D68	50.60.8001 1 pc		200mA 75V 4ns SOD 80				SMD LED 2.7*3.5	0 DL 83	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
55		pce	100n	CER 50V, 10%, X7R, 0805	0 D69	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 1	50.60.9415 1 pce		SMD LED 2.7*3.5 SMD LED 2.7*3.5	0 DL 84	50.60.9412 1 pce	red	SMD LED 2.7*3.5
56		pce	100n	CER 50V, 10%, X7R, 0805	0 D70	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 2	50.60.9415 1 pce			0 DL 85	50.60.9412 1 pce	red	SMD LED 2.7*3.5
57		pce	100n	CER 50V, 10%, X7R, 0805	0 D71	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 3	50.60.9414 1 pce		SMD LED 2.7*3.5	0 DL 86	50.60.9415 1 pce	red/gm	SMD LED 2.7*3.5
58		pce	100n	CER 50V, 10%, X7R, 0805	0 D 72	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL4	50.04.2860 1 pce		LED Ring	0 DL 87	50.60.9415 1 pce	red/gm	SMD LED 2.7*3.5
59	59.60.3337 1		100n	CER 50V, 10%, X7R, 0805	0 D 73	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 5	50.04.2860 1 pce		LED Ring LED Ring	0 DL 88	50.60.9413 1 pce	yel	SMD LED 2.7*3.5
60		pce	100n	CER 50V, 10%, X7R, 0805	0 D74	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 DL6	50.04.2860 1 pce			0 DL 89	50.60.9415 1 pce	red/gm	SMD LED 2.7*3.5
61		pce	100n	CER 50V, 10%, X7R, 0805	0 D75	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL7	50.60.9413 1 pce		SMD LED 2.7*3.5	0 517:	79.04.0404 4 -	7-SEG	7-SEGM.ANZEIGE LED GN
53	59.60.3337 1	pce	100n	CER 50V, 10%, X7R, 0805	0 D76	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL8	50.60.9413 1 pce		SMD LED 2.7*3.5	0 DLZ 1	73.01.0134 1 pce	/-SEG	/-SEGM.ANZEIGE LED GN
64		pce	100n	CER 50V, 10%, X7R, 0805	0 D77	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL9	50.04.2814	BR1353C	53*LED-Bargraph tricolor	0 IC1	50.62.1595 1 pce	74HC595	8bit shift/output register
65		pce	100n	CER 50V, 10%, X7R, 0805	0 D78	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 10	50.04.2814	BR1353C	53*LED-Bargraph tricolor	0 IC 2	50.62.1595 1 pce	74HC595	8bit shift/output register
66	59.60.3337 1		100n	CER 50V, 10%, X7R, 0805	0 D79	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 11	50.04.2814	BR1353C	53*LED-Bargraph tricolor	0 IC3	73.01.0408 1 nce	4digit	5*7 Dot matrix display green
37	59.60.3337 1		100n	CER 50V, 10%, X7R, 0805	0 D80	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 12	50.60.9415 1 pce		SMD LED 2.7*3.5	0 IC4	73.01.0408 1 pce	4digit	5*7 Dot matrix display green
38		pce	100n	CER 50V, 10%, X7R, 0805	0 D81	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 13	50.60.9415 1 pce		SMD LED 2.7*3.5	0 10 5	73.01.0408 1 pce	4digit	5*7 Dot matrix display green
39	59.60,3337 1		100n	CER 50V, 10%, X7R, 0805	0 D 82	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 14	50.60.9414 1 pce		SMD LED 2.7*3.5	0 10 6	50.62.1595 1 pce	74HC595	8bit shift/output register
					0 D 83	50.60.8001 1 pc		200mA 75V 4ns SOD 80	. 0 DL 15	50.04.2860 1 pce		LED Ring	0 IC7	73.01.0408 1 pce	4digit	5*7 Dot matrix display green
1	50.60.8001 1		4448	200mA 75V 4ns SOD 80	0 D84	50.60.8001 1 pc		200mA 75V 4ns SQD 80	0 DL 16	50.04.2860 1 pce		LED Ring	0 10 8	73.01.0408 1 pce	4digit	5*7 Dot matrix display green
2	50.60.8001 1		4448	200mA 75V 4ns SOD 80	0 D 85	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 17	50.04.2860 1 pce		LED Ring	0 10 9	50.62.1595 1 nce	74HC595	8bit shift/output register
3	50.60.8001 1		4448	200mA 75V 4ns SOD 80	0 D 86	50.60.8001 1 pc	4448	200mA 75V 4ns SQD 80	0 DL 18	50.60.9413 1 pce	yel	SMD LED 2.7*3.5	0 10 10	50.62.1595 1 pce 50.62.1595 1 pce	74HC595	8bit shift/output register
4		pce	4448	200mA 75V 4ns SOD 80	0 D 87	50.60.8001 1 pc		200mA 75V 4ns SQD 80	0 DL 19	50.04.2860 1 pce		LED Ring	0 IC 10	50.62.1595 1 pce 50.62.1595 1 pce	74HC595 74HC595	8bit shift/output register
5	50.60.8001 1		4448	200mA 75V 4ns SOD 80	0 D88	50.60.8001 1 pc		200mA 75V 4ns SOD 80	0 DL 20	50.60.9415 1 pce		SMD LED 2.7*3.5	0 IC 12	50.62.1595 1 pce 50.62.1595 1 pce	74HC595 74HC595	8bit shift/output register
6		pce	4448	200mA 75V 4ns SOD 80	0 D89	50.60.8001 1 30		200mA 75V 4ns SOD 80	0 DL 21	50.04.2860 1 pce		LED Ring	0 IC 12 0 IC 13			
7	50.60.8001 1	pce	4448	200mA 75V 4ns SOD 80	0 D90	50.60.8001 1 30		200mA 75V 4ns SOD 80	0 DL 22	50.60.9412 1 pce		SMD LED 2.7*3.5	0 IC 13 0 IC 14	50.62.1595 1 pce	74HC595	8bit shift/output register
8	50.60.8001 1	pce	4448	200mA 75V 4ns SOD 80	0 D90	50.60.8001 1 30	4448	200mA 75V 4ns SOD 80	0 DL 23	50.04.2860 1 pce		LED Ring		50.62.1595 1 pce	74HC595	8bit shift/output register
9		pce	4448	200mA 75V 4ns SOD 80	0 D91 0 D92	50.60.8001 1 30		200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 DL 24	50.04.2860 1 pce		LED Ring	0 IC 15	50.62.1595 1 pce	74HC595	8bit shift/output register
10	50.60.8001 1	pce	4448	200mA 75V 4ns SOD 80	0 D92 0 D93			200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 DL 25	50.04.2860 1 pce		LED Ring	0 IC 16	50.62.1595 1 pce	74HC595	8bit shift/output register
11	50.60.8001 1		4448	200mA 75V 4ns SOD 80	0 D93 0 D94	50.60.8001 1 30		200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 DL 26	50.04.2860 1 pcs		LED Ring	0 IC 17	50.62.1595 1 pce	74HC595	8bit shift/output register
12		pce	4448	200mA 75V 4ns SOD 80		50.60.8001 1 pc			0 DL 27	50.04.2860 1 pce		LED Ring	0 IC 18	73.01.0408 1 pce	4digit	5*7 Dot matrix display green
13		pce	4448	200mA 75V 4ns SOD 80	0 D95	50.60.8001 1 00		200mA 75V 4ns SOD 80	0 DL 28	50.04,2860 1 pcs		LED Ring	0 IC 19	50.62.1595 1 pce	74HC595	8bit shift/output register
			4448	200mA 75V 4ns SOD 80	0 D96	50.60.8001 1 pc	4448	200mA 75V 4ns SOD 80	0 DL 29	50.04.2880 1 pce		LED Ring				
14	50.60.8001 1															



Pos.	Part No. Qty. Type/Val	Cescription	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
IC 20	50.62.1595 1 pce 74HC595	8bit shift/output register	0 MP3	43.01.0108	Label	ESE-WARNSCHILD	0 0 73		EMMT717	PNP 12V 1.5A SOT 23	0 Q 155	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595 50.62.1595 1 pce 74HC595	8bit shift/output register	0 MP3	43.01.0108 50.60.9411 24 pcs	d3	Lichtleiter für LED	0 Q 73	50.60.1101 1 pce 50.60.1101 1 pce	FMMT717 FMMT717	PNP 12V 1.5A SOT 23 PNP 12V 1.5A SOT 23	0 Q 156	50.60.0050 1 pce		NPN 45V 800mA SOT 23
	50.62,1595 1 pce 74HC595	8bit shift/output register	0 MP5	50.60.9416 17 pcs	3,7/7*12	Lichtleiter für LED rechteckig	0 Q 75		BC817-25	NPN 45V 800mA SOT 23	0 Q 157	50.60.0050 1 pce		NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register									0 Q 158	50.60.0050 1 pce		NPN 45V 800mA SOT 23
				53.03.0187 17 pcs	14p	DIL 0.3", löt, H=6	0 Q 76	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 159	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
		8bit shift/output register	0 MP 7	53.03.0186	10p	DIL 0.2*, löt, H=6	0 Q 77	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 160	50.60.0050 1 pce		NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 P 12	54.14.4226	26n	1/20* Au, gerade, Actionpin	0 Q 78	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 0 161			
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 P13	54.14.4226	26p	1/20" Au, gerade, Actionpin	0 Q 79	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 162	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 P14	54.14.4226			0 Q 80	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23		50.60.0050 1 pce		NPN 45V 800mA SOT 23
C 28	50.62.1595 1 pce 74HC595	8bit shift/output register			26p	1/20" Au, gerade, Actionpin	0 Q 81	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 163	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 P 15	54.14.4226	26p	1/20° Au, gerade, Actionpin	0 Q 82	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 164	50.60.0050 1 pce		NPN 45V 800mA SOT 23
C 30	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q1	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 83	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 165	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
2 31	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q2	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 0 84	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 166	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
32	50.62,1595 1 pce 74HC595	8bit shift/output register					0 0 85	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 167	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
33	50.62 1595 1 pce 74HC595	8bit shift/output register	0 Q3	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q86	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 168	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
34	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q4	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 0 87	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 169	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 5	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 088	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 170	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q6	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23					0 Q 171	50.60.0050 1 pce		NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 7	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 89	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 0 172	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
			0 Q8	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 90	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 173	50.60.0050 1 pce		NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q9	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 91	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 0 174			
	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 Q 10	50.60,0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 92	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23		50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 11	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 93	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 175	50.60,1101 1 pce		PNP 12V 1.5A SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 12	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 94	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 176	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 0 13	50.60.1101 1 pce	EMMT717	PNP 12V 1.5A SOT 23	0 Q 95	50.60.00£0 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 177	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
43	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 13	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 0.96	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 178	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register	0 0 14		BC817-25 BC817-25	NPN 45V 800mA SOT 23 NPN 45V 800mA SOT 23	0 0 97	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 179	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595	8bit shift/output register		50.60.0050 1 pce			0 Q97		D0011 23		0 Q 180	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	73.01.0408 1 oce 4digit	5*7 Dot matrix display green	0 Q 16	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23		50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 181	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
	50.62.1595 1 oce 74HC595	Ebit shift/output register	0 Q 17	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 99	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 182	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
	50.62.1595 1 308 74HC595	Ebit shift/output register	0 Q 18	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 100	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 0 183	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
			0 Q 19	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 101	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 184			
	73.01.0408 1 pce 4digit	E*7 Dot matrix display green	0 Q 20	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 102	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 184 0 Q 185	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
	50.62.1595 1 oce 74HC595		0 Q 21	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 103	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23		50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1595 1 oce 74HC595		0 Q 22	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 104	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 186	50.60.0050 1 pce		NPN 45V 800mA SOT 23
	50.62.1595 1 oce 74HC595		0 Q 23	50.60.1101 1 pce	EMMT717	PNP 12V 1.5A SOT 23	0 Q 105	50.60,0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 187	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
53	50.62.1595 1 oce 74HC595	Ebit shift/output register	0 0 24	50.60.1101 1 pce	EMMT717	PNP 12V 1.5A SOT 23	0 Q 106	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 188	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23
54	50.62.1165 1 pce 74HC165	Ebit shift register	0 Q 25	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 0 107	50.60.1101 1 pce	EMMT717	PNP 12V 1.5A SOT 23	0 Q 189	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1165 1 pce 74HC165			50.60.0050 1 pce 50.60.0050 1 pce		NPN 45V 800mA SOT 23 NPN 45V 800mA SOT 23	0 Q 107	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 190	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1165 1 pce 74HC165				BC317-25					PNP 12V 1.5A SOT 23	0 Q 191	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.3245 1 pce 74HCT24		0 Q 27	50.60.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 109 0 Q 110	50.60.11C1 1 pce	FMMT717	NPN 45V 800mA SOT 23	0 0 192	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
	50.62.3245 1 pce 74HCT24		0 Q 28	50.€0.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23		50.60.0050 1 pce	BC817-25		0 Q 193	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
			0 Q 29	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 111	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 0 194	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
59	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 Q 30	50.€0.0050 1 pce	BC317-25	NPN 45V 800mA SOT 23	0 Q 112	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 195	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
	50.62.1595 1 pce 74HC595		. 0 Q 31	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 113	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23				
	50.62.1595 1 pce 74HC595		0 Q 32	50,60,0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 114	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 196	50.60.0050 1 pce		NPN 45V 800mA SOT 23
62	50.62.1595 1 pce 74HC595	8bit shift/output register	0 0 33	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 115	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 197	50.60.1050 1 pce		PNP 45V 800mA SOT 23
63	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 34	50.60,0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 116	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 198	50.60.1050 1 pce		PNP 45V 800mA SOT 23
64	50.62.1595 1 pce 74HC595	8bit shift/output register	0 0 35	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 117	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 199	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
65	50.62.1595 1 pce 74HC595	8bit shift/output register	0 0 36	50.60.0050 1 pce	BC817-25	NPN 45V 600mA SOT 23	0 Q 118	50.60.1101 1 pce	EMMT717	PNP 12V 1.5A SOT 23	0 Q 200	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 0 37	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 0 119	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 201	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
67	50.62.1595 1 pce 74HC595	8bit shift/output register	0 0 38				0 Q 120	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 202	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595			50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 121	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 203	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
69	50.62.1595 1 pce 74HC595		0 Q 39	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 121	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 204	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
			0 Q 40	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23					0 Q 205	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	50.62.1595 1 pce 74HC595		0 Q 41	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 123	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 206	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
71	50.62.1595 1 pce 74HC595		0 Q 42	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 124	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 207	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
72	50.62.1595 1 pce 74HC595		0 Q 43	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 125	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 208	50.60.0050 1 pce		NPN 45V 800mA SOT 23
73	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 Q 44	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 126	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 209	50.60.0050 1 pce		PNP 12V 1.5A SOT 23
74	50.62.1595 1 pce 74HC595		0 Q 45	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 127	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 209 0 Q 210			
75	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 46	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 128	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23		50.60.1101 1 pce		PNP 12V 1.5A SOT 23
78	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 Q 47	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 129	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 211	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
77	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 48	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 130	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 212	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
73	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 49	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 131	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 Q 213	50.60,0050 1 pce		NPN 45V 800mA SOT 23
79	50.62.1595 1 pce 74HC595		0 Q 50	50.60.0050 1 pce		NPN 45V 800mA SOT 23 NPN 45V 800mA SOT 23	0 Q 132	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 214	50.60.0050 1 pce		NPN 45V 800mA SOT 23
83	50.62.1595 1 pce 74HC595				BC817-25		0 Q 132	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 215	50.60.0050 1 pce		NPN 45V 800mA SOT 23
81	50.62.1595 1 pce 74HC595		0 Q 51	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 133	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 216	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
	50.62.1595 1 pce 74HC59		0 Q 52	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 134 0 Q 135			NPN 45V 800mA SOT 23	0 Q 217	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23
83			0 Q 53	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23		50.60.0050 1 pce	BC817-25		0 Q 218	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
			0 Q 54	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 136	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 0 219	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
	50.62.1595 1 pce 74HC595		0 Q 55	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 137	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 220	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
85	50.62.1595 1 pce 74HC598		0 Q 56	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 138	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 221	50.60.1101 1 pce		PNP 12V 1.5A SOT 23
83	50.62.1595 1 pce 74HC595		0 Q 57	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 139	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 221 0 Q 222			
	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 Q 58	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 140	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23		50.60.1101 1 pce		PNP 12V 1.5A SOT 23
83	50.62.1595 1 pce 74HC595	8bit shift/output register	0 Q 59	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 141	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 223	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
89	50.62.1595 1 pce 74HC598	8bit shift/output register	0 0 60	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 142	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 224	50.60.0050 1 pce		NPN 45V 800mA SOT 23
90	50.62.1595 1 pce 74HC598	8bit shift/output register	0 Q 61	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 143	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 225	50.60.0050 1 pce	D-0-11 E-0	NPN 45V 800mA SOT 23
91	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 Q 62	50.60.0050 1 pce 50.60.1101 1 pce		NPN 45V 800MA SOT 23 PNP 12V 1.5A SOT 23	0 0 144	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 226	50.60.0050 1 pce		NPN 45V 800mA SOT 23
92	50.62.1595 1 pce 74HC59				FMMT717						0 Q 227	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23
93	73.01.0408 1 pce 4digit	5*7 Dot matrix display green	0 Q 63	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 145	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 228	50.60.0050 1 pce		NPN 45V 800mA SOT 23
			0 Q 64	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 146	50.60.11C1 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 229	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
			0 Q 65	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 147	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 230	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
95	50.62.1138 1 pce 74HC13		0 Q 66	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 148	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 230			
96	50.62.1138 1 pce 74HC13		0 Q 67	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 149	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23		50.60.0050 1 pce		NPN 45V 800mA SOT 23
97	50.62.1595 1 pce 74HC59	8bit shift/output register	0 Q 68	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 150	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 232	50.60.0050 1 pce	20011 20	NPN 45V 800mA SOT 23
96	50.62.1595 1 pce 74HC59	8 bit shift/output register	0 Q 69	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 151	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 Q 233	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	·		0 0 70	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 Q 151	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23 PNP 12V 1.5A SOT 23	0 Q 234	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
	1.950.775.11	CAS Front Board PCB	0 Q 70	50.00.0050 1 pce	BC817-25 BC817-25	NPN 45V 800mA SOT 23 NPN 45V 800mA SOT 23	0 Q 152 0 Q 153		BC817-25	NPN 45V 800mA SOT 23	0 Q 235	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
		Nr Etikette 5 * 20	U Q/1	50.60.0050 1 pce				50.60.0050 1 pce			0 Q 236	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23
MP 2 1	1.950.775.10	W. Lukouo J Zu	0 Q 72	50.60.0050 1 pce		NPN 45V 800mA SOT 23	0 Q 154	50.60.1101 1 pce		PNP 12V 1.5A SOT 23			BU817-25	NPN 45V 600MA 501 23



CAS Front Board 1.950.775.00

ldx Pos.	Part No. Qty. Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
0 Q 238		PNP 12V 1.5A SOT 23	0 Q 324	50.60.0050 1 pce		NPN 45V 800mA SOT 23	0 R 39	57.60.1680 1 pce	68R	MF. 1%, 0204, E24	0 R 121	57.60.1271 1 pce	270R	MF. 1%. 0204. E24
0 Q 239	50.60.1101 1 pce FMMT717		0 Q 325	50.60.0050 1 ace		NPN 45V 800mA SOT 23	0 R 40	57.60.1680 1 pce	68R	MF. 1%. 0204. E24	0 R 122	57.60.1271 1 pce	270R	MF. 1%, 0204, E24
0 Q 240		NPN 45V 800mA SOT 23	0 Q 326	50,60,0050 1 pce		NPN 45V 800mA SOT 23	0 R 41	57.60.1681 1 pce	680R	MF. 1%, 0204, E24	0 R 123	57.60.1221 1 pce	220R	MF. 1%, 0204, E24
0 Q 241	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 327	50.60.1050 1 age		PNP 45V 800mA SOT 23	0 R 42	57.60.1681 1 pce	680R	MF. 1%, 0204, E24	0 R 124	57.60.1271 1 pce	270R	MF. 1%, 0204, E24
0 Q 242	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 328	50.60.0050 1 oce	BC817-25	NPN 45V 800mA SOT 23	0 R 43	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 125	57,60,1221 1 pce	220R	MF, 1%, 0204, E24
0 Q 243	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 329	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 44	57.60.1221 1 pce		MF. 1%, 0204, E24	0 R 126	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 244	50.60.1050 1 pce BC807-25	PNP 45V 800mA SOT 23	0 Q 330	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 45	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 127	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 245	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 331	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 46	57.60.1271 1 pce	270R	MF. 1%, 0204, E24	0 R 128	57.60,1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 246	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 324	50.60.1101 1 nce	FMMT717	PNP 12V 1.5A SOT 23	0 R 47	57.60.1271 1 pce		MF. 1%, 0204, E24	0 R 129	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 247	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 325	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 48	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 130	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 248	50.60.1050 1 pce BC807-25	PNP 45V 800mA SOT 23	0 Q 336	50.60,0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 49	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 131	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 249		PNP 45V 800mA SOT 23	0 Q 337	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 50	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 132	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 250	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 338	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 51	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 133	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 251	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 339	50.60.0050 1 ace	BC817-25	NPN 45V 800mA SOT 23	0 R 52	57.60.1680 1 pce	68R	MF. 1%, 0204, E24	0 R 134	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 Q 252	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 0 340	50.60.1101 1 oce	FMMT717	PNP 12V 1.5A SOT 23	0 R 53	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 135	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 Q 253	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 Q 341	50,60,0050 1 oce	BC817-25	NPN 45V 800mA SOT 23	0 R 54	57.60,1680 1 pce	68R	MF, 1%, 0204, E24	0 R 136	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 254	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 Q 342	50.60.0050 1 oce	BC817-25	NPN 45V 800mA SOT 23	0 R 55	57.60.1680 1 pce		MF, 1%, 0204, E24	0 R 137	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 255	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 343	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 56	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 138	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 256	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 0 344	50.60.0050 1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 57	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 139	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 257	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 0 345	50.60.1101 1 pce	EMMT717	PNP 12V 1.5A SOT 23	0 R 58	57.60.1151 1 pce		MF, 1%, 0204, E24	0 R 140	57.60.1151 1 pce	150R	MF. 1%, 0204, E24
0 Q 258	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 346	50.60.1101 1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 59	57.60.1221 1 pce		MF, 1%, 0204, E24	0 R 141	57.60.1151 1 pce	150R	MF. 1%, 0204, E24
0 Q 259	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 347	50 60 1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 60	57.60.1271 1 pce		MF. 1%, 0204, E24	0 R 142	57.60.1221 1 pce	220R	MF. 1%, 0204, E24
0 Q 260	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 Q 348	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 61	57.60.1151 1 pce	150R	MF. 1%, 0204, E24	0 R 143	57,60,1681 1 pce	680R	MF. 1%, 0204, E24
0 Q 261	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 Q 351	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 62	57.60.1151 1 pce		MF. 1%, 0204, E24	0 R144	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 262	50.60.1101 1 pce FMMT717		0 Q 352	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 63	57.60.1151 1 pce		MF. 1%, 0204, E24	0 R 145	57.60.1681 1 pce	680R	MF. 1%, 0204, E24
0 Q 263	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 0 353	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 64	57.60.1001 1 pce		MF, 1%, 0204, E24	0 R 146	57.60.1151 1 pce	150R	MF. 1%, 0204, E24
0 Q 264	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 Q 354	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 65	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R147	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 265	50.60.1101 1 pce FMMT717		0 Q 355	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 66	57.60.1681 1 pce		MF. 1%, 0204, E24	0 R148	57.60.1151 1 pce	150R	MF. 1%, 0204, E24
0 Q 266	50.80.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 Q 356	50,60,1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 67	57.60.1151 1 pce		MF, 1%, 0204, E24	0 R149	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 Q 267	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 357	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 68	57.60.1151 1 pce	150R	MF. 1%, 0204, E24	0 R 150	57.60.1680 1 pce	68R	MF. 1%, 0204, E24
0 Q 268	50.30.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 0 358	50 60 1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 69	57.60.1221 1 pce		MF. 1%, 0204, E24	0 R 151	57.60.1680 1 pce	68R	MF 1% 0204 E24
0 Q 269	50.50.0050 1 pce BC817-25	NPN 45V 300mA SOT 23	0 Q 359	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 70	57.60.1681 1 pce		MF. 1%, 0204, E24	0 R 152	57.60.1680 1 pce	68R	MF. 1%, 0204, E24
0 Q 270	50.30.0050 1 pce BC817-25	NPN 45V 300mA SOT 23	0 Q 360	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R71	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 153	57.60.1680 1 pce	68R	MF 1% 0204 E24
0 Q 271	50.50.0050 1 pce BC817-25		0 Q 361	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SQT 23	0 R 72	57.60.1681 1 pce		MF. 1%, 0204, E24	0 R154	57.60.1680 1 pce	68R	MF. 1%, 0204, E24
0 Q 272	50.50.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 Q 362	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 73	57.60.1681 1 pce		MF. 1%, 0204, E24	0 R155	57.60.1680 1 pce	68R	MF. 1%, 0204, E24
0 Q 273	50.30.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 Q 363	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SQT 23	0 R 74	57.60.1681 1 pce		MF 1% 0204 E24	0 R156	57.60.1271 1 pce	270R	MF 1% 0204 F24
0 Q 274	50.30.0050 1 pce BC817-25	NPN 45V 300mA SOT 23	0 0 364	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R75	57.60.1681 1 pce		MF. 1%, 0204, E24	0 R 157	57.60.1681 1 pce	680R	MF. 1%, 0204, E24 MF. 1%, 0204, E24
0 0 275	50.50.0050 1 pce BC817-25		0 Q 365	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SQT 23	0 R 76	57.60.1271 1 pce		MF 1% 0204 E24	0 R 158	57.60.1681 1 pce	680R	MF. 1%, 0204, E24
0 Q 276	50.50.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 366	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R77	57.60.1221 1 pce		MF, 1%, 0204, E24	0 R 159	57.60.1681 1 pce	680R	MF. 1%, 0204, E24
0 Q 277	50.50.0050 1 pce BC817-25		0 Q 367	50.60.1050 1 pce		PNP 45V 800mA SQT 23	0 R 78	57.60.1221 1 pce		MF. 1%, 0204, E24	0 R 160	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 Q 278	50.50.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 0 368	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 79	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 161	57.60.1271 1 pce	270R	MF. 1%, 0204, E24
0 Q 279		NPN 45V B00mA SOT 23	0 Q 369	50.60.1050 1 pce		PNP 45V 800mA SQT 23	0 R 80	57 60 1271 1 pge		MF, 1%, 0204, E24	0 R 162	57.60.1221 1 pce	220R	MF, 1%, 0204, E24
0 Q 280	50.80.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 Q 370	50.60.1050 1 pce	BC807-25	PNP 45V 800mA SOT 23	0 R 81	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 163	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 281	50.50.0050 1 pce BC817-25		0 Q 371	50.60.1050 1 pce		PNP 45V 800mA SOT 23	0 R 82	57.60.1151 1 pce		MF, 1%, 0204, E24	0 R 164	57.60.1221 1 pce	220R	MF. 1%, 0204, E24
0 Q 282	50.80.0050 1 pce BC817-25	NPN 45V 800mA SOT 23					0 R 83	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 165	57.60.1681 1 pce	680R	MF. 1%, 0204, E24
0 Q 283	50.50.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R1	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 84	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 166	57.60.1151 1 pce	150R	MF 1% 0204 F24
0 Q 284	50.50.1101 1 pce FMMT717		0 R 2	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 85	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 167	57.60.1681 1 pce	680R	MF. 1%, 0204, E24
0 Q 285	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R3	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 86	57.60.1151 1 pce		MF, 1%, 0204, E24	0 R 168	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 286	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R4	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 87	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 169	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 287	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R5	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R88	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 170	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 288	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R6	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 89	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 171	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 289		NPN 45V 800mA SOT 23	0 R7	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 90	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 172	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 290	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R8	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 91	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 173	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 291	50.80.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R9	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 92	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 174	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 292	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 10	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 93	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 175	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 293	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 11	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 94	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 176	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 294	50.80.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 12	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 95	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 177	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 295	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 13	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 96	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 178	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 296		NPN 45V 800mA SOT 23	0 R 14	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 97	57.60.1221 1 pce		MF, 1%, 0204, E24	0 R 179	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 297	50.60.0050 1 pce BC817-25		0 R 15	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 98	57.60.1221 1 pce		MF, 1%, 0204, E24	0 R 180	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 298	50.80.0050 1 pce BC817-25		0 R 16	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 99	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 181	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 299	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 17	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 100	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 182	57.60.1680 1 pce	68R	MF, 1%, 0204, E24
0 Q 302	50.80.1101 1 pce FMMT717		0 R18	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 101	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 183	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 303	9919911191 1 poo 1 11111111111	PNP 12V 1.5A SOT 23	0 R 19	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 102	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 184	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 304	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 20	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 103	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 185	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 305	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 21	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 104	57.60.1680 1 pce		MF, 1%, 0204, E24	0 R 186	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 306	50.60.0050 1 pce BC817-25		0 R 22	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 105	57.60.1680 1 pcs	e 68R	MF, 1%, 0204, E24	0 R 187	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 307		NPN 45V 800mA SOT 23	0 R 23	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 106	57.60.1681 1 pcs	680R	MF, 1%, 0204, E24	0 R 188	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 308	50.80.0050 1 pce BC817-25		0 R 24 0 R 25	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 107	57.60.1680 1 pcs	e 68R	MF, 1%, 0204, E24	0 R 189	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 309		NPN 45V 800mA SOT 23		57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 108	57.60.1681 1 pcs		MF, 1%, 0204, E24	0 R 190	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 310	50.60.1101 1 pce FMMT717		0 R 26	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 109	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 191	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 311	50.60.0050 1 pce BC817-25		0 R 27	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 110	57.60.1680 1 pce		MF, 1%, 0204, E24	0 R 192	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 312	50.60.0050 1 pce BC817-25		0 R 28	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 111	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 193	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 313	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 29	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 112	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 194	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 314		NPN 45V 800mA SOT 23	0 R 30	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 113	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 195	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 315	50.60.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 31	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 114	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 196	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
. 0 Q 318	50.60.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23		57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 115	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 197	57.60.1681 1 pce	680R	MF, 1%, 0204, E24
0 Q 319	50.80.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 33	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 116	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 198	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 320	50.60.1050 1 pce BC807-25	PNP 45V 800mA SOT 23	0 R 34	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 117	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 199	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 321	50.80.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 35	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 118	57.60.1221 1 pce		MF, 1%, 0204, E24	0 R 200	57.60.1151 1 pce	150R	MF, 1%, 0204, E24
0 Q 322	50.80.1101 1 pce FMMT717	PNP 12V 1.5A SOT 23	0 R 36	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 119	57.60.1221 1 pcs		MF, 1%, 0204, E24	0 R 201	57.60.1271 1 pce	270R	MF, 1%, 0204, E24
0 Q 323	50.80.0050 1 pce BC817-25	NPN 45V 800mA SOT 23	0 R 37	57.60.1680 1 pce	68R	MF, 1%, 0204, E24	0 R 120	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 202	57.60.1681 1 pce	680R	MF. 1%, 0204, E24
			0 R 38	57.60.1680 1 pce	68R	MF, 1%, 0204, E24								, , , , , , ,

D950 Mixing Console STUDER

CAS Front Board 1.950.775.00

Idx Pos.	Part No. Qty. Typ	e/Val. De	escription	ldx Pos.	Part No.	Qty.	Type/Val.	Description	ldx Pos.	Part No.	Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	. Description
0 R 203	57 60 1151 1 nce 150		F 1% 0204 E24	0 R 285	57.60.1681	1 000	680R	MF. 1%, 0204, E24	0 R 367	57.60.1681	1 000	680R	MF. 1%, 0204, E24	0 R 449	57.60.1151 1 pc	150R	MF. 1%, 0204, E24
0 R 203	57.60.1151 1 pce 150 57.60.1271 1 pce 270		IF, 1%, 0204, E24	0 R 286	57.60.1681		630R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 368	57.60.1001		120R	MF, 1%, 0204, E24	0 R 450	57.60.1681 1 pc		MF. 1%, 0204, E24
0 R 204	57.60.1271 1 pce 270 57.60.1681 1 pce 680		IF, 1%, 0204, E24	0 R 287	57.60.1681	1 pce	630R	MF. 1%, 0204, E24	0 R 369	57.60.1121		120R	MF. 1%, 0204, E24	0 R 451	57.60.1271 1 pc		MF. 1%, 0204, E24
0 R 206	57.60.1151 1 pce 150		IF. 1%, 0204, E24	0 R 288	57.60.1271		270R	MF. 1%, 0204, E24	0 R 370	57.60.1151		150R	MF. 1%, 0204, E24	0 R 452	57.69.1097 1 pc		CF 5% 0603
0 R 207	57.60.1271 1 pce 270		IF. 1%. 0204. E24	0 R 289	57.60.1121		120R	MF. 1%, 0204, E24	0 R 371		1 pce	220R	MF. 1%, 0204, E24	0 R 453	57.69.1097 1 pc		CF 5% 0603
0 R 208	57.60.1271 1 pce 270		IF. 1%, 0204, E24	0 R 290	57.60.1121		120R	MF. 1% 0204 E24	0 R 372	57.60.1102		1k0	MF. 1% 0204, E24	0 R 454	57.69.1097 1 pc	9 10k	CF 5% 0603
0 R 209	57.60.1151 1 pce 150		IF. 1%, 0204, E24	0 R 291	57.60.1151		150R	MF. 1%, 0204, E24	0 R 373	57.60.1271		270R	MF. 1%, 0204, E24	0 R 455	57.69.1097 1 pc		CF 5% 0603
0 R 210	57.60.1681 1 pce 680		IF. 1%, 0204, E24	0 R 292	57.60.1151		150R	MF, 1%, 0204, E24	0 R 374	57.60.1681		680R	MF. 1%, 0204, E24	0 R 456	57.69.1097 1 pc		CF 5% 0603
0 R 211	57.60.1221 1 pce 220		F. 1%, 0204, E24	0 R 293	57.60,1151		150R	MF. 1%, 0204, E24	0 R 375		1 pce	220R	MF. 1%, 0204, E24	0 R 457	57.69.1097 1 pc	10k	CF 5% 0603
0 R 212	57.60.1271 1 pce 270		F. 1%, 0204, E24	0 R 294	57.60.1271		270R	MF. 1%, 0204, E24	0 R 376	57,60,1151		150R	MF. 1%, 0204, E24	0 R 458	57.69.1097 1 pc	9 10k	CF 5% 0603
0 R 213	57.60.1151 1 pce 150	R M	IF. 1%, 0204, E24	0 R 295	57.60.1221		220R	MF, 1%, 0204, E24	0 R 377	57.60.1271		270R	MF, 1%, 0204, E24	0 R 459	57.69.1097 1 pc	9 10k	CF 5% 0603
0 R 214	57.60.1151 1 pce 150	R M	IF. 1%, 0204, E24	0 R 296	57.60.1221		220R	MF. 1%, 0204, E24	0 R 378	57.60.1681		680R	MF, 1%, 0204, E24	0 R 460	57.69.1097 1 pc	9 10k	CF 5% 0603
0 R 215	57.60.1151 1 pce 150	R MI	IF. 1%, 0204, E24	0 R 297			680R	MF, 1%, 0204, E24	0 R 379		1 pce	680R	MF, 1%, 0204, E24	0 R 461	57.60.1271 1 pc	270R	MF, 1%, 0204, E24
0 R 216	57.60.1151 1 pce 150		1F, 1%, 0204, E24	0 R 298	57.60.1681		680R	MF. 1%, 0204, E24	0 R 380	57.60.1681		680R	MF, 1%, 0204, E24	0 R 462	57.69.1097 1 pc	9 10k	CF 5% 0603
0 R 217	57.60.1271 1 pce 270		IF, 1%, 0204, E24	0 R 299	57.60.1681		680R	MF, 1%, 0204, E24	0 R 381	57.60.1271	1 nce	270R	MF. 1%, 0204, E24	0 R 463	57.69.1097 1 pc		CF 5% 0603
0 R 218	57.60.1681 1 pce 680		IF. 1%, 0204, E24	0 R 300	57.60.1221	1 nce	220R	MF, 1%, 0204, E24	0 R 382	57.60.1151	1 nce	150R	MF. 1%, 0204, E24	0 R 464	57.69.1097 1 pc		CF 5% 0603
0 R 219	57.60.1681 1 pce 680	R MI	IF. 1%, 0204, E24	0 R 301	57.60.1221		220R	MF. 1%, 0204, E24	0 R 383	57.60.1151		150R	MF. 1%, 0204, E24	0 R 465	57.69.1097 1 pc		CF 5% 0603
0 R 220	57.60.1681 1 pce 680	R MI	IF. 1%, 0204, E24	0 R 302	57.60.1221		220R	MF. 1%, 0204, E24	0 R 384	57.60.1151		150R	MF. 1%, 0204, E24	0 R 466	57.69.1097 1 pc	e 10k	CF 5% 0603
0 R 221	57.60.1221 1 pce 220	R MI	IF, 1%, 0204, E24	0 R 303	57.60.1221	1 nce	220R	MF 1% 0204 E24	0 R 385	57.60.1271		270R	MF. 1%, 0204, E24	0 R 467	57.60.1271 1 pc	270R	MF, 1%, 0204, E24
0 R 222	57.60.1221 1 pce 220		IF. 1%, 0204, E24	0 R 304			220R	MF. 1%, 0204, E24	0 R 386		1 pce	270R	MF. 1%, 0204, E24	0 R 468	57.60.1271 1 pc		MF, 1%, 0204, E24
0 R 223	57.60.1681 1 pce 680	R MI	1F, 1%, 0204, E24	0 R 305	57.60.1221		220R	MF. 1%, 0204, E24	0 R 387	57.60.1271		270R	MF 1% 0204 E24	0 R 469	57.69.1097 1 pc	9 10k	CF 5% 0603
0 R 224	57.60.1151 1 pce 150		IF. 1%, 0204, E24	0 R 306	57.60.1221		220R	MF, 1%, 0204, E24	0 R 388	57.60.1681		680R	MF, 1%, 0204, E24	0 R 470	57.69.1097 1 pc		CF 5% 0603
0 R 225	57.60.1151 1 pce 150		1F. 1%, 0204, E24	0 R 307	57.60.1221		220R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 389	57.60.1681		680R	MF. 1%, 0204, E24	0 R 471	57.69.1097 1 pc		CF 5% 0603
0 R 226	57.80.1151 1 pce 150		1F. 1%, 0204, E24	0 R 308	57.60.1221		220R	MF. 1%, 0204, E24	0 R 390		1 pce	680R	MF. 1%, 0204, E24 MF. 1%, 0204, E24	0 R 472	57.69.1097 1 pc	9 10k	CF 5% 0603
0 R 227	57.60.1151 1 pce 150		1F. 1%, 0204, E24	0 R 309	57.60.1221		270R	MF. 1%, 0204, E24	0 R 391	57.60.1001		150R	MF. 1%, 0204, E24 MF. 1%, 0204, E24	0 R 473	57.69.1097 1 pc		CF 5% 0603
0 R 228	57.60.1131 1 pce 130		1F. 1%, 0204, E24	0 R 310	57.60.1271		270R	MF. 1%, 0204, E24 MF. 1%, 0204, E24	0 R 391	57.60.1151		150R 150R	MF. 1%, 0204, E24	0 R 474	57.60.1681 1 pc		MF. 1%, 0204, E24
0 R 229	57.60.1681 1 pce 680		1F. 1%. 0204. E24	0 R 311	57.60.1151		150R	MF, 1%, 0204, E24	0 R 393	57.60.1151		150R	MF. 1%, 0204, E24	0 R 475	57.60.1271 1 pc		MF. 1%, 0204, E24
0 R 230	57.60.1681 1 pce 680		1F. 1%, 0204, E24	0 R 312	57.60.1271	1 pge	270R	MF, 1%, 0204, E24	0 R 393	57.60.1271		270R	MF. 1%, 0204, E24	0 R 476	57.60.1271 1 pc		MF. 1%, 0204, E24
0 R 231	57.60.1681 1 pce 680		IF. 1%, 0204, E24	0 R 313	57.60.1681		680R	MF 1% 0204 E24	0 R 394	57.60.1271		270R 270R	MF 1% 0204 E24	0 R 477	57.60.1151 1 pc		MF. 1%, 0204, E24
0 R 232	57.60.1681 1 pce 680		F. 1%, 0204, E24	0 R 314			680R	MF. 1%, 0204, E24	0 R 396	57.60.1271		270R	MF. 1%, 0204, E24	0 R 478	57.60.1271 1 pc		MF, 1%, 0204, E24
0 R 233	57.60.1221 1 pce 220		F 1% 0204 E24	0 R 315	57.60.1681		680R	MF 1% 0204 F24	0 R 397		1 pce	270R	MF 1% 0204 F24	0 R 479	57.60.1681 1 pc		MF. 1%, 0204, E24
0 R 234	57.60.1151 1 pce 150		1F, 1%, 0204, E24	0 R 316	57.60,1681		680R	MF. 1%, 0204, E24	0 R 398	57.60.1102		1k0	MF, 1%, 0204, E24	0 R 480	57.60.1151 1 pc		MF, 1%, 0204, E24
0 R 235	57.60.1271 1 pce 270		1F. 1%, 0204, E24	0 R 317	57.60.1151		150R	MF. 1%, 0204, E24	0 R 399	57.60.1271		270R	MF. 1%, 0204, E24	0 R 481	57.60.1221 1 pc		MF, 1%, 0204, E24
0 R 236	57.60.1681 1 pce 680		1F. 1%, 0204, E24	0 R 318	57.60.1271		270R	MF, 1%, 0204, E24	0 R 400		1 pce	220R	MF. 1%, 0204, E24	0 R 482	57.60.1151 1 pc		MF. 1%, 0204, E24
0 R 237	57.60.1271 1 pce 270		MF, 1%, 0204, E24	0 R 319	57.60.1151		150R	MF, 1%, 0204, E24	0 R 401	57.60.1221		220R	MF. 1%, 0204, E24	0 R 483	57.60.1151 1 pc		MF, 1%, 0204, E24
0 R 238	57.60.1681 1 pce 680		MF. 1%, 0204, E24	0 R 320	57.60.1151		150R	MF. 1%, 0204, E24	0 R 402	57.60.1121		120R	MF 1%, 0204, E24	0 R 484	57.60.1151 1 pc		MF 1% 0204 E24
0 R 239	57.60.1221 1 pce 220		NF. 1%, 0204, E24	0 R 321	57.60.1151	1 nce	150R	MF. 1%, 0204, E24	0 R 403	57.60.1121	1 pce	120R	MF. 1%, 0204, E24	0 R 485	57.60.1121 1 pc		MF, 1%, 0204, E24
0 R 240	57.60.1221 1 pce 220		ME 1% 0204 E24	0 R 322	57.60.1681		680R	MF 1% 0204 F24	0 R 404		1 pce	270R	MF. 1%, 0204, E24	0 R 486	57.60.1121 1 pc		MF. 1%, 0204, E24
0 R 241	57.60.1151 1 pce 150		MF. 1%, 0204, E24	0 R 323	57.60.1681		680R	MF. 1%, 0204, E24	0 R 405	57.60.1271		270R	MF, 1%, 0204, E24	0 R 487	57.60.1221 1 pc		MF, 1%, 0204, E24
0 R 242	57.60.1681 1 pce 680		MF 1% 0204 E24	0 R 324	57.60.1681		680R	MF 1% 0204 F24	0 R 406	57.60.1271		270R	MF 1% 0204 E24	0 R 488	57.60.1681 1 pc	680R	MF. 1%, 0204, E24
0 R 243	57.60.1681 1 pce 680	, ,,	NF. 1%, 0204, E24	0 R 325			680R	MF, 1%, 0204, E24	0 R 407		1 pce	220R	MF. 1%, 0204, E24	0 R 489	57.60.1681 1 pc		MF. 1%, 0204, E24
0 R 244	57.60.1681 1 pce 680		MF 1% 0204 F24	0 R 326	57.60.1151		150R	MF. 1%, 0204, E24	0 R 408	57.60.1221		220R	MF 1% 0204 E24	0 R 490	57.60.1681 1 pc		MF. 1%, 0204, E24
0 R 245	57.60.1681 1 pce 680		MF, 1%, 0204, E24	0 R 327	57.60.1271		270R	MF, 1%, 0204, E24	0 R 409	57.60.1271		270R	MF 1% 0204 F24	0 R 491	57.60.1102 1 pc		MF. 1%, 0204, E24
0 R 246	57.60.1151 1 pce 150		MF, 1%, 0204, E24	0 R 328	57.60.1151	1 non	150R	MF. 1%, 0204, E24	0 R 410	57.60.1271		270R	MF, 1%, 0204, E24	0 R 492	57.60.1271 1 pc	270R	MF, 1%, 0204, E24
0 R 247	57.60.1151 1 pce 150		MF. 1%. 0204. E24	0 R 329	57.60.1151		150R	MF, 1%, 0204, E24	0 R 411	57.60.1121		120R	MF 1% 0204 E24	0 R 493	57.60.1151 1 pc	150R	MF, 1%, 0204, E24
0 R 248	57.60.1151 1 pce 150		MF. 1%, 0204, E24	0 R 330	57.60.1151		150R	MF. 1%, 0204, E24	0 R 412	57.60.1121		120R	MF, 1%, 0204, E24	0 R 494	57.60.1151 1 pc		MF, 1%, 0204, E24
0 R 249	57.60.1151 1 pce 150		MF, 1%, 0204, E24	0 R 331	57.60.1681		680R	MF, 1%, 0204, E24	0 R 413	57.60.1121		120R	MF. 1%, 0204, E24	0 R 495	57.60.1151 1 pc		MF, 1%, 0204, E24
0 R 250	57.60.1271 1 pce 270		MF. 1%, 0204, E24	0 R 332	57.60.1271	1 nco	270R	MF, 1%, 0204, E24	0 R 414	57.60.1121		120R	MF. 1%, 0204, E24	0 R 496	57.60.1221 1 pc		MF, 1%, 0204, E24
0 R 251	57.60.1681 1 pce 680		MF. 1%, 0204, E24 MF. 1%, 0204, E24	0 R 333	57,60,1151		150R	MF 1% 0204 E24	0 R 415	57.60 1271		270R	MF. 1%, 0204, E24	0 R 497	57.60.1271 1 pc	270R	MF, 1%, 0204, E24
0 R 252	57.60.1681 1 pce 680		MF. 1%, 0204, E24	0 R 334	57.60.1271		270R	MF. 1%, 0204, E24	0 R 416	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24	0 R 498	57.60.1221 1 pc	220R	MF, 1%, 0204, E24
0 R 253	57.60.1681 1 pce 680		MF, 1%, 0204, E24	0 R 335	57.60,1681		680R	ME 1% 0204 E24	0 R 417	57.60.1102		1k0	MF. 1%, 0204, E24	0 R 499	57.60.1221 1 pc	220R	MF, 1%, 0204, E24
0 R 254	57.60.1681 1 pce 680		MF, 1%, 0204, E24	0 R 336			680R	MF. 1%, 0204, E24	0 R 418	57.60.1271	1 pce	270R	MF, 1%, 0204, E24	0 R 500	57.60.1221 1 pc	220R	MF, 1%, 0204, E24
0 R 255	57.60.1271 1 pce 270		MF, 1%, 0204, E24	0 R 337	57.60.1151		150R	MF. 1%, 0204, E24	0 R 419	57.60,1151	1 pce	150R	MF, 1%, 0204, E24	0 R 501	57.60.1221 1 pc	220R	MF, 1%, 0204, E24
0 R 256	57.60.1151 1 pce 150		MF. 1%, 0204, E24	0 R 338	57.60.1681		680R	MF. 1%, 0204, E24	0 R 420	57.60.1681		680R	MF, 1%, 0204, E24	0 R 502	57.60.1681 1 pc		MF, 1%, 0204, E24
0 R 257	57.60.1151 1 pce 150		MF. 1%, 0204, E24	0 R 339	57.60.1151		150R	MF, 1%, 0204, E24	0 R 421	57.60.1151		150R	MF, 1%, 0204, E24	0 R 503	57.60.1681 1 pc		MF, 1%, 0204, E24
0 R 258	57.60.1151 1 pce 150		MF. 1%. 0204, E24	0 R 340	57.60.1151		150R	MF, 1%, 0204, E24	0 R 422	57.60.1221		220R	MF, 1%, 0204, E24	0 R 504	57.60.1681 1 pc		MF, 1%, 0204, E24
0 R 259	57.60.1151 1 pce 150		MF, 1%, 0204, E24	0 R 341	57.60.1271		270R	MF, 1%, 0204, E24	0 R 423	57.60.1271		270R	MF, 1%, 0204, E24	0 R 505	57.60.1221 1 pc		MF, 1%, 0204, E24
0 R 260	57.60.1151 1 pce 150	R И	NF, 1%, 0204, E24	0 R 342	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0 R 424	57.60,1681		680R	MF, 1%, 0204, E24	0 R 506	57.60.1151 1 pc	150R	MF, 1%, 0204, E24
0 R 261	57.60.1681 1 pce 680	ч ч	NF, 1%, 0204, E24	0 R 343	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0 R 425	57.60.1271	1 pce	270R	MF, 1%, 0204, E24	0 R 507	57.60.1221 1 pc		MF, 1%, 0204, E24
R 262	57.60.1681 1 pce 680		MF, 1%, 0204, E24	0 R 344	57.60.1151		150R	MF, 1%, 0234, E24	0 R 426	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24	0 R 508	57.60.1681 1 pc		MF, 1%, 0204, E24
R 263	57.60.1271 1 pce 270		MF, 1%, 0204, E24	0 R 345	57.60.1151	1 pce	150R	MF, 1%, 0204, E24	0 R 427	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24	0 R 509	57.80.1151 1 pc		MF, 1%, 0204, E24
R 264	57.60.1121 1 pce 120		MF, 1%, 0204, E24	0 R 346	57.60.1681		680R	MF, 1%, 0204, E24	0 R 428	57.60.1221		220R	MF, 1%, 0204, E24	0 R 510	57.60.1271 1 pc		MF, 1%, 0204, E24
R 265	57.60.1121 1 pce 120	ч	MF, 1%, 0204, E24	0 R 347	57.60.1221		220R	MF, 1%, 0204, E24	0 R 429	57.60.1271	1 pce	270R	MF, 1%, 0204, E24	0 R 511	57.60.1151 1 pc		MF, 1%, 0204, E24
R 266	57.60.1151 1 pce 150		MF, 1%, 0204, E24	0 R 348	57.60.1681		680R	MF, 1%, 0204, E24	0 R 430	57.60.1271	1 pce	270R	MF, 1%, 0204, E24	0 R 512	57.60.1221 1 pc		MF, 1%, 0204, E24
R 267	57.60.1151 1 pce 150	२ и	NF, 1%, 0204, E24	0 R 349	57.60.1271	1 pce	270R	MF, 1%, 0204, E24	0 R 431	57.60.1271		270R	MF, 1%, 0204, E24	0 R 513	57.60.1681 1 pc		MF, 1%, 0204, E24
0 R 268	57.60,1102 1 pce 1k0	М	MF, 1%, 0204, E24	0 R 350	57.60.1221		220R	MF, 1%, 0204, E24	0 R 432	57.60.1121		120R	MF, 1%, 0204, E24	0 R 514	57.60.1681 1 pc		MF, 1%, 0204, E24
0 R 269	57.60.1681 1 pce 680	ч	MF, 1%, 0204, E24	0 R 351	57.60.1151		150R	MF, 1%, 0204, E24	0 R 433	57.60.1121	1 pce	120R	MF, 1%, 0204, E24	0 R 515	57.60.1681 1 pc	680R	MF, 1%, 0204, E24
0 R 270	57.60.1271 1 pce 270	R И	MF, 1%, 0204, E24	0 R 352	57.60.1151	1 pce	150R	MF, 1%, 0204, E24	0 R 434	57.60.1121		120R	MF, 1%, 0204, E24	0 R 516	57.60.1221 1 pc		MF, 1%, 0204, E24
0 R 271	57.60.1271 1 pce 270		MF, 1%, 0204, E24	0 R 353	57.60.1151		150R	MF, 1%, 0204, E24	0 R 435	57.60.1121		120R	MF, 1%, 0204, E24	0 R 517	57.60.1221 1 pc	220R	MF, 1%, 0204, E24
0 R 272	57.60.1271 1 pce 270	ч	MF, 1%, 0204, E24	0 R 354	57.60.1151	1 pce	150R	MF, 1%, 0204, E24	0 R 436	57.60.1271	1 pce	270R	MF, 1%, 0204, E24	0 R 518	57.60.1221 1 pc		MF, 1%, 0204, E24
0 R 273	57.60.1271 1 pce 270		NF, 1%, 0204, E24	0 R 355	57.60.1221		220R	MF, 1%, 0204, E24	0 R 437	57.60.1271		270R	MF, 1%, 0204, E24	0 R 519	57.60.1681 1 pc		MF, 1%, 0204, E24
R 274	57.60.1681 1 pce 680		MF, 1%, 0204, E24	0 R 356	57.60.1681		680R	MF, 1%, 0204, E24	0 R 438	57,60,1631		680R	MF. 1%, 0204, E24	0 R 520	57.60.1681 1 pc	680R	MF, 1%, 0204, E24
R 275	57.60.1151 1 pce 150		MF, 1%, 0204, E24	0 R 357	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0 R 439	57,60,1151		150R	MF. 1%, 0204, E24	0 R 521	57.60.1221 1 pc	220R	MF, 1%, 0204, E24
0 R 276	57.60.1221 1 pce 220		NF, 1%, 0204, E24	0 R 358	57.60.1681		680R	MF, 1%, 0204, E24	0 R 440	57.60.1271		270R	MF, 1%, 0204, E24	0 R 522	57.60.1151 1 pc		MF, 1%, 0204, E24
0 R 277	57.60.1221 1 pce 220		NF, 1%, 0204, E24	0 R 359	57.60.1151		150R	MF, 1%, 0204, E24	0 R 441	57.60.1221	1 pce	220R	MF, 1%, 0204, E24	0 R 523	57.60.1271 1 pc		MF, 1%, 0204, E24
0 R 278	57.60.1681 1 pce 680		NF, 1%, 0204, E24	0 R 360	57.60.1151		150R	MF, 1%, 0204, E24	0 R 442	57.60.1631		680R	MF, 1%, 0204, E24	0 R 524	57.60.1151 1 pc		MF, 1%, 0204, E24
0 R 279	57.60,1151 1 pce 150	ч и	NF, 1%, 0204, E24	0 R 361	57.60.1151	1 pce	150R	MF, 1%, 0204, E24	0 R 443	57.60.1151		150R	MF, 1%, 0204, E24	0 R 525	57.60.1151 1 pc		MF, 1%, 0204, E24
0 R 280	57.60.1151 1 pce 150		NF. 1%, 0204, E24	0 R 362	57.60.1221		220R	MF, 1%, 0204, E24	0 R 444	57,60,1151		150R	MF. 1%, 0204, E24	0 R 526	57.60.1151 1 pc	9 150R	MF, 1%, 0204, E24
0 R 281	57.60.1151 1 pce 150		MF, 1%, 0204, E24	0 R 363			220R	MF. 1%, 0204, E24	0 R 445	57.60.1271		270R	MF, 1%, 0204, E24	0 R 527	57.60.1102 1 pc	e 1k0	MF, 1%, 0204, E24
0 R 282	57.60.1102 1 pce 1k0		NF. 1%, 0204, E24	0 R 364	57,60,1681		680R	MF, 1%, 0204, E24	0 R 446	57.60.1631		680R	MF, 1%, 0204, E24	0 R 528	57.60.1681 1 pc	680R	MF, 1%, 0204, E24
0 R 283	57.60.1151 1 pce 150		MF, 1%, 0204, E24	0 R 365	57.60.1681		680R	MF, 1%, 0204, E24	0 R 447	57.60.1271		270R	MF, 1%, 0204, E24	0 R 529	57.60.1681 1 pc	680R	MF, 1%, 0204, E24
				0 R 366	57.60.1681		680R	MF, 1%, 0204, E24	0 R 448	57.60.1271			MF, 1%, 0204, E24	0 R 530	57.60.1681 1 pc		MF, 1%, 0204, E24
0 R 284	57,60,1221 1 pce 220	۶ ۱۸	NF. 1%, 0204, E24														

SECTION 5



CAS Front Board 1.950.775.00

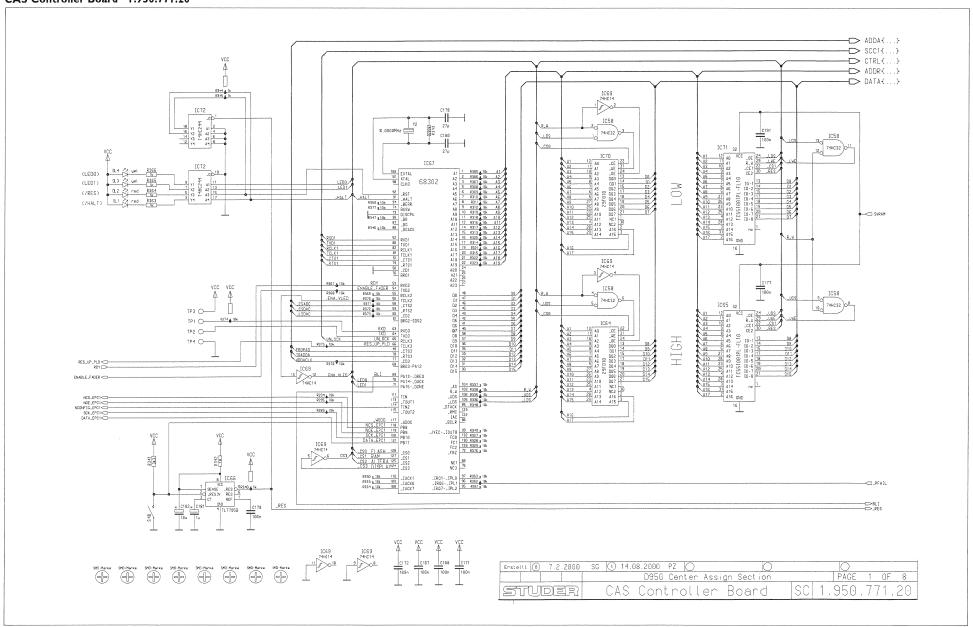
Pa	art No. Qt	y. Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qt	/. Type/Va	I. Description	ldx Pos.	Part No.	Qty.	Type/Val.	Description
57	.60.1121 1 0	oce 120R	MF, 1%, 0204, E24	0 R 614	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 698	57.60.1271 1 1		MF. 1%, 0204, E24	0 R 790	57.60.1681		680R	MF. 1%, 0204, E24
	.60.1121 1 p		MF, 1%, 0204, E24	0 R 615	57.60.1151 1 pce	150R	NF. 1%, 0204, E24	0 R 701	57.60.1681 1		MF. 1%, 0204, E24	0 3 791	57.60.1271		270R	MF, 1%, 0204, E24
57	.60.1151 1 p	ce 150R	MF. 1%. 0204. E24	0 R 616	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 702	57.60.1681 1		MF, 1%, 0204, E24	0 7 792	57.60.1151		150R	MF, 1%, 0204, E24
	.60.1151 1 g		MF, 1%, 0204, E24	0 R 617	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 703	57.60.1681 1	ce 680R	MF, 1%, 0204, E24	0 R 793	57.60.1151	1 pce	150R	MF, 1%, 0204, E24
57	.60.1151 1 p	ce 150R	MF, 1%, 0204, E24	0 R 618	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 704	57.60.1681 1	ce 680R	MF, 1%, 0204, E24	0 R 794	57.60.1151	1 pce	150R	MF, 1%, 0204, E24
57	.60.1271 1 p	ce 270R	MF, 1%, 0204, E24	0 R 619	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 705	57.60.1151 1		MF, 1%, 0204, E24	0 ₹795	57.60.1151	1 pce	150R	MF, 1%, 0204, E24
57	.60.1681 1 p	ce 680R	MF, 1%, 0204, E24	0 R 620	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 706	57.60.1221 1	ce 220R	MF, 1%, 0204, E24	0 R 796	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
57	.60.1271 1 p	ce 270R	MF, 1%, 0204, E24	0 R 621	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 707	57.60.1221 1	ce 220R	MF, 1%, 0204, E24	0 ₹ 797	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
57	.60.1271 1 p	ce 270R	MF, 1%, 0204, E24	0 R 622	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 708	57.60.1151 1 ;	ce 150R	MF, 1%, 0204, E24	0 ₹798	57.60.1121		120R	MF, 1%, 0204, E24
57	.60.1151 1 p	ce 150R	MF, 1%, 0204, E24	0 R 623	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 709	57.60.1151 1;	ce 150R	MF, 1%, 0204, E24	0 R 799	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
57	.60.1271 1 p	ce 270R	MF, 1%, 0204, E24	0 R 624	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 710	57.60.1151 1;	ce 150R	MF, 1%, 0204, E24	0 ₹ 800	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
	.60.1271 1 p		MF, 1%, 0204, E24	0 R 625	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 711	57.60.1151 1;	ce 150R	MF, 1%, 0204, E24	0 국 801	57.60.1221		220R	MF, 1%, 0204, E24
	.60.1681 1 p		MF, 1%, 0204, E24	0 R 626	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 712	57.60.1271 1		MF, 1%, 0204, E24	0 ₹802	57.60.1221		220R	MF, 1%, 0204, E24
	.60.1681 1 p		MF, 1%, 0204, E24	0 R 627	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 713	57.60.1681 1		MF, 1%, 0204, E24	0 R 803	57.60.1271		270R	MF, 1%, 0204, E24
57	.60.1271 1 p	ce 270R	MF, 1%, 0204, E24	0 R 628	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 714	57.60.1151 1 ;		MF, 1%, 0204, E24	0 R 804	57.60.1181		180R	MF, 1%, 0204, E24
	.60.1151 1 p		MF, 1%, 0204, E24	0 R 629	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 715	57.60.1681 1		MF, 1%, 0204, E24	0 R 805	57.60.1181		180R	MF, 1%, 0204, E24
	.60.1151 1 p		MF, 1%, 0204, E24	0 R 630	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 716	57.60.1681 1		MF, 1%, 0204, E24	0 R 806	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1271 1 p		MF, 1%, 0204, E24	0 R 631	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 717	57.60.1681 1		MF, 1%, 0204, E24	0 R 807	57.60.1102		1k0	MF, 1%, 0204, E24
	.60.1681 1 p		MF, 1%, 0204, E24	0 R 632	57.60.1681 1 pce	680R	NF, 1%, 0204, E24	0 R 718	57.60.1681 1	ce 680R	MF, 1%, 0204, E24	0 R 808	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1271 1 p		MF, 1%, 0204, E24	0 R 633	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 719	57.60.1151 1		MF, 1%, 0204, E24	0 R 809	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1151 1 p		MF, 1%, 0204, E24	0 R 634	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 720	57.60.1151 1		MF, 1%, 0204, E24	0 R 810	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
	.60.1271 1 p		MF, 1%, 0204, E24	0 R 635	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 721	57.60.1151 1		MF, 1%, 0204, E24	0 R 811	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
	.60.1271 1 g		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 636	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 722	57.60.1151 1		MF, 1%, 0204, E24	0 R 812	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1271 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 637	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 723	57.60.1121 1	ce 120R	MF, 1%, 0204, E24	0 R 813	57.60.1271		270R	MF, 1%, 0204, E24
	.80.1271 1 p			0 R 638	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 724	57.60.1121 1		MF, 1%, 0204, E24	0 R 814	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1271 1 g		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 639 0 R 640	57.60.1151 1 pce 57.60.1681 1 pce	150R 680R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 727	57.60.1102 1		MF, 1%, 0204, E24	0 R 815	57.60.1271		270R	MF, 1%, 0204, E24
			MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 640 0 R 641		680R 680R	NF, 1%, 0204, E24 NF, 1%, 0204, E24	0 R 728	57.60.1271 1		MF, 1%, 0204, E24	0 R 816	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
57	.60.1271 1 p	oce 270R oce 270R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 641 0 R 642	57.60.1681 1 pce 57.60.1681 1 pce		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 729	57.60.1271 1 ;		MF, 1%, 0204, E24	0 R 817	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1271 1 p		MF, 1%, U2U4, E24 MF 1% 02U4 F24	0 R 642	57.60.1681 1 pce 57.60.1681 1 pce	680R	MF, 1%, 0204, E24 MF 1%, 0204, E24	0 R 732	57.60.1271 1 ;	ce 270R	MF, 1%, 0204, E24	0 R 818	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1271 1 g .60.1121 1 g		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 643 0 R 644	57.60.1681 1 pce 57.60.1151 1 pce	680R 150R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 733	57.60.1271 1		MF, 1%, 0204, E24	0 R 819	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1121 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 645	57.60.1151 1 pce 57.60.1151 1 pce	150R 150R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 734 0 R 735	57.60.1271 1		MF, 1%, 0204, E24	0 R 820	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1121 1 g		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 646	57.60.1151 1 pce	150R	MF. 1%, 0204, E24		57.60.1121 1		MF, 1%, 0204, E24	0 R 821 0 R 822	57.60.1271		270R	MF, 1%, 0204, E24
	.60.12/1 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 647	57.60.1151 1 pce		MF. 1%, 0204, E24 MF. 1%, 0204, E24	0 R 736 0 R 737	57.60.1121 1		MF, 1%, 0204, E24	0 R 822	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1102 1 p		MF, 1%, 0204, E24	0 R 643	57.60.1131 1 pce	270R	MF. 1%, 0204, E24		57.60.1271 1		MF, 1%, 0204, E24		57.60.1271		270R	MF, 1%, 0204, E24
57	.60.1271 1 p	oce 273R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 649	57.60.1271 1 pce	150R	MF, 1%, 0204, E24	0 R 738	57.60.1221 1		MF, 1%, 0204, E24	0 R 824	57.60.1271		270R	MF, 1%, 0204, E24
	.60.1271 1 p		MF, 1%, 0204, E24 MF 1% 0204 E24	0 R 653	57.60.1151 1 pce 57.60.1271 1 pce	150R 270R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 739 0 R 740	57.60.1221 1		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 825 0 R 826	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
	.60.1271 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 651	57.60.1271 1 pce 57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 740	57.60.1221 1		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 827	57.60.1271 57.60.1271	1 pce	270R 270R	MF, 1%, 0204, E24
	.60.1151 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 652	57.60.1271 1 pce		MF. 1%, 0204, E24	0 R 741	57.60.1102 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 827	57.60.12/1 57.60.1102		270R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	.60.1001 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 653	57.60.1271 1 pce 57.60.1151 1 pce	270R	MF 1% 0204 E24	0 R 742	57.60.1151 1		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 829	57.60.1102		180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	.60.1121 1 1		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 654	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 743	57.60.1151 11		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 830	57.60.1181		180R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	.60.1121 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 655	57.60.1051 1 pce	150R	MF. 1%, 0204, E24	0 R 745	57.60.1151 1 1		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 831	57.60.1121		120R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	.60.1102 1 j		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 658	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 745	57.60.1151 1	ce 270R	MF, 1%, 0204, E24	0 R 832	57.60.1121		120R	MF, 1%, 0204, E24
	60.1121 1		MF. 1%, 0204, E24	0 R 657	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 747	57.60.1271 1		MF. 1%, 0204, E24	0 R 833	57.60.1121		120R	MF. 1%, 0204, E24
	.60.1151 1		MF, 1%, 0204, E24	0 R 658	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 748	57.60.1681 1		MF, 1%, 0204, E24	0 R 834	57.60.1121		120R	MF, 1%, 0204, E24
	.60.1102 1		MF. 1%, 0204, E24	0 R 659	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 749	57.60.1681 1		MF, 1%, 0204, E24	0 R 835	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
	.60.1681 1		MF. 1%, 0204, E24	0 R 660	57.60.1221 1 pce		MF, 1%, 0204, E24	0 R 750	57.60.1681 1		MF, 1%, 0204, E24	0 R 836	57.60.1121		120R	MF, 1%, 0204, E24
	.60.1102 1		MF, 1%, 0204, E24	0 R 661	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 751	57.60.1121 1		MF, 1%, 0204, E24	0 R 837	57.60.1121		120R	MF, 1%, 0204, E24
	.60.1121 1		MF, 1%, 0204, E24	0 R 662	57.60.1221 1 oce		MF, 1%, 0204, E24	0 R 752	57.60.1121 1		MF, 1%, 0204, E24	0 R 838	57.60.1121		120R	MF, 1%, 0204, E24
	.60.1121 1		MF, 1%, 0204, E24	0 R 663	57.60.1151 1 oce		MF, 1%, 0204, E24	0 R 753	57.60.1151 1		MF, 1%, 0204, E24	0 R 839	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
	.60.1271 1		MF, 1%, 0204, E24	0 R 664	57.60.1151 1 oce	150R	MF, 1%, 0204, E24	0 R 754	57.60.1151 1		MF, 1%, 0204, E24	0 R 840	57.60.1121		120R	MF, 1%, 0204, E24
	.60.1271 1		MF, 1%, 0204, E24	0 R 665	57.60.1151 1 oce		MF, 1%, 0204, E24	0 R 755	57.60.1151 1		MF, 1%, 0204, E24	0 R 841	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
57	.60.1271 1	oce 270R	MF, 1%, 0204, E24	0 R 666	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 756	57,60,1151 1	oce 150R	MF, 1%, 0204, E24	0 R 842	57.60.1121	1 pce	120R	MF, 1%, 0204, E24
57	.60.1151 1 i	oce 150R	MF, 1%, 0204, E24	0 R 667	57.60.1681 1 oce	680R	MF, 1%, 0204, E24	0 R 757	57.60.1221 1		MF, 1%, 0204, E24	0 R 843	57.60.1121		120R	MF, 1%, 0204, E24
	60.1681 1		MF, 1%, 0204, E24	0 R 668	57.60.1151 1 oce	150R	MF, 1%, 0204, E24	0 R 758	57.60.1221 1	ce 220R	MF, 1%, 0204, E24	0 R 844	57.60.1121		120R	MF, 1%, 0204, E24
	7.60.1271 1	oce 270R	MF, 1%, 0204, E24	0 R 669	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 759	57.60.1681 1	ce 680R	MF, 1%, 0204, E24	0 R 845	57.60.1121		120R	MF, 1%, 0204, E24
	'.60.1151 1		MF, 1%, 0204, E24	0 R 670	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 760	57.60.1681 1	ce 680R	MF, 1%, 0204, E24	0 R 846	57.60.1121		120R	MF, 1%, 0204, E24
	7.60.1681 1 ₁		MF, 1%, 0204, E24	0 R 671	57.60.1681 1 oce	680R	MF, 1%, 0204, E24	0 R 761	57.60.1681 1		MF, 1%, 0204, E24	0 R 847	57.60.1121		120R	MF, 1%, 0204, E24
	7.50.1681 1		MF, 1%, 0204, E24	0 R 672	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 762	57.60.1681 1	ce 680R	MF, 1%, 0204, E24	0 R 848	57.60.1121		120R	MF, 1%, 0204, E24
	7.50.1151 1		MF, 1%, 0204, E24	0 R 673	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 763	57.60,1102 1	oce 1k0	MF, 1%, 0204, E24	0 R 849	57.60.1121		120R	MF, 1%, 0204, E24
		pce 680R	MF, 1%, 0204, E24	0 R 674	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 764	57.60.1121 1	ce 120R	MF, 1%, 0204, E24	0 R 850	57.60.1121		120R	MF, 1%, 0204, E24
	7.50.1102 1		MF, 1%, 0204, E24	0 R 675	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 765	57.60.1121 1		MF, 1%, 0204, E24	0 R 853	57.60.1102		1k0	MF, 1%, 0204, E24
	.30.1271 1		MF, 1%, 0204, E24	0 R 676	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 766	57.60.1102 1		MF, 1%, 0204, E24	0 R 854	57.60.1102		1k0	MF, 1%, 0204, E24
	.30.1151 1		MF, 1%, 0204, E24	0 R 677	57.60.1221 1 pce		MF, 1%, 0204, E24	0 R 769	57.60.1271 1		MF, 1%, 0204, E24	0 R 855	57.60.1102		1k0	MF, 1%, 0204, E24
	7.30.1102 1		MF, 1%, 0204, E24	0 R 678	57.60.1221 1 pce	220R	MF, 1%, 0204, E24	0 R 770	57.60.1271 1		MF, 1%, 0204, E24	0 R 856	57.60.1102		1k0	MF, 1%, 0204, E24
	7.30.1121 1		MF, 1%, 0204, E24	0 R 679	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 771	57.60.1271 1		MF, 1%, 0204, E24	0 R 857	57.60.1102		1k0	MF, 1%, 0204, E24
	7.30.1121 1		MF, 1%, 0204, E24	0 R 680	57.60.1151 1 pce		MF, 1%, 0204, E24	0 R 774	57.60.1681 1		MF, 1%, 0204, E24	0 R 858	57.60.1102		1k0	MF, 1%, 0204, E24
	7.30.1121 1		MF, 1%, 0204, E24	0 R 681	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 775	57.60.1681 1		MF, 1%, 0204, E24	0 R 859	57.60.1102		1k0	MF, 1%, 0204, E24
	7.30.1121 1		MF, 1%, 0204, E24	0 R 682	57.60.1151 1 pce		MF, 1%, 0204, E24	0 R 776	57.60.1681 1	oce 680R	MF, 1%, 0204, E24	0 R 860	57.60.1102		1k0	MF, 1%, 0204, E24
-	7.30.1151 1		MF, 1%, 0204, E24	0 R 683	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0 R 777	57.60,1681 1		MF, 1%, 0204, E24	0 R 861	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
	7.30.1151 1		MF, 1%, 0204, E24	0 R 684	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 778	57.60.1121 1		MF, 1%, 0204, E24	0 R 862	57.60.1271		270R	MF, 1%, 0204, E24
	7.80.1151 1		MF, 1%, 0204, E24	0 R 685	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 779	57.60.1121 1		MF, 1%, 0204, E24	0 R 865	57.60.1102		1k0	MF, 1%, 0204, E24
	7.80.1151 1		MF, 1%, 0204, E24	0 R 686	57,60,1681 1 pce		MF, 1%, 0204, E24	0 R 780	57.60.1221 1		MF, 1%, 0204, E24	0 R 866	57.60.1102		1k0	MF, 1%, 0204, E24
	7.60.1681 1		MF, 1%, 0204, E24	0 R 687	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 781	57.60.1221 1		MF, 1%, 0204, E24	0 R 867	57.60.1102		1k0	MF, 1%, 0204, E24
	7.60.1681 1		MF, 1%, 0204, E24	0 R 688	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 782	57.60.1151 1		MF, 1%, 0204, E24	0 R 868	57.60.1102		1k0	MF, 1%, 0204, E24
	7.60.1681 1		MF, 1%, 0204, E24	0 R 689	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 783	57.60.1151 1		MF, 1%, 0204, E24	0 R 869	57.60.1102		1k0	MF, 1%, 0204, E24
	7.60.1681 1		MF, 1%, 0204, E24	0 R 690	57.60.1151 1 pce		MF, 1%, 0204, E24	0 R 784	57.60.1151 1		MF, 1%, 0204, E24	0 R 870	57.60.1102		1k0	MF, 1%, 0204, E24
57	7.60.1681 1	pce 680R	MF, 1%, 0234, E24	0 R 691	57.60.1681 1 pce	680R	MF, 1%, 0204, E24	0 R 785	57.60.1151 1		MF, 1%, 0204, E24	0 R 871	57.60.1102		1k0	MF, 1%, 0204, E24
	7.60.1221 1		MF, 1%, 0234, E24	0 R 694	57.60.1151 1 pce		MF, 1%, 0204, E24	0 R 786	57.60.1102 1	oce 1k0	MF, 1%, 0204, E24	0 R 872	57.60.1102		1k0	MF, 1%, 0204, E24
	7.60.1221 1		MF, 1%, 0234, E24	0 R 695	57.60.1681 1 pce		MF, 1%, 0204, E24	0 R 787	57.60.1681 1	oce 680R	MF, 1%, 0204, E24	0 R 873	57.60.1102		1k0	MF, 1%, 0204, E24
	7.60.1151 1		MF, 1%, 0234, E24	0 R 696	57.60.1271 1 pce		MF, 1%, 0204, E24	0 R 788	57.60.1681 1	ce 680R	MF, 1%, 0204, E24	0 R 874	57.60.1102		1k0	MF, 1%, 0204, E24
57	7.60.1151 1	pce 150R	MF, 1%, 0204, E24	0 R 697	57.60.1271 1 pce	270R	MF, 1%, 0204, E24	0 R 789	57.60.1681 1	oce 680R	MF, 1%, 0204, E24	0 R 875	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
												0 R 876	57.60.1121	1 000	120R	MF, 1%, 0204, E24

D950 Mixing Console STUDER

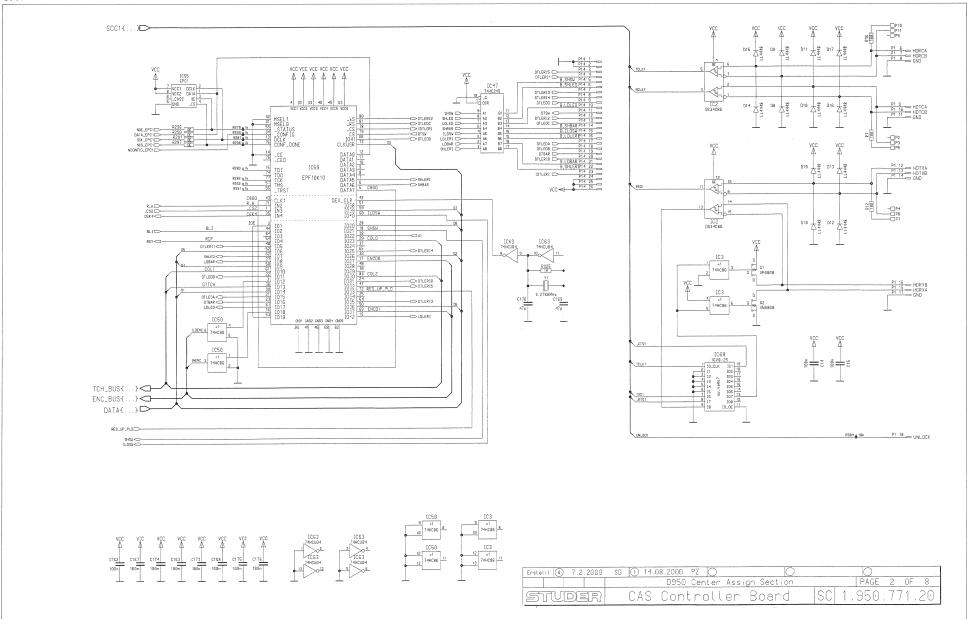
CAS Front Board 1.950.775.00

JAS Fre	nic Boar a												
ldx Pos.	Part No. Qty.	. Type/Val	Description	ldx Po:	s.	Part No. Qty	. Type.	/Val.	Description	ldx Pos.	Part No. Qty.	Type/Va	al. Description
R 877	57.60.1121 1 pc		MF. 1%, 0204, E24	0 R9	nen	57.60.1121 1 p	e 120R		MF, 1%, 0204, E24	0 S 79	55.15.0755 1 pce	1*a	Switch 12mm, gm/gm
677 878	57.60.1121 1 00		MF, 1%, 0204, E24	0 R9		57.60.1121 1 p			MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 80	55.15.0604 1 pce		Switch 5mm, yel/transparent
879	57.60.1121 1 pc		MF, 1%, 0204, E24	0 R9		57.60.1121 1 p	e 120R		MF, 1%, 0204, E24	0 S 81	55.15.0605 1 pce	1*a	Switch 5mm, gm/transparent
R 880	57.60.1121 1 pc		MF, 1%, 0204, E24	0 R9	963	57.60.1271 1 p	e 270R		MF, 1%, 0204, E24	0 S 82	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent
R 881 R 882	57.60.1121 1 pc 57.60.1121 1 pc	e 120R e 120R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S1		55.15.0622 1 p	e 1*a		Switch 5mm, red/red	0 S 83 0 S 84	55.15.0622 1 pce 55.15.0655 1 pce	1*a 1*a	Switch 5mm, red/red Switch 5mm, grn/grn
R 883	57.60.1121 1.00		MF, 1%, 0204, E24 MF 1% 0204 F24	0 S2		55.15.0655 1 p			Switch 5mm, gm/grn	0 S 85	55.15.0604 1 pce		Switch 5mm, yel/transparent
884	57.60.1121 1 30		MF, 1%, 0204, E24	0 S3		55.15.0644 1 p			Switch 5mm, yel/yel	0 S 86	55.15.0655 1 pce	1*a	Switch 5mm, gm/grn
85	57.60.1121 1 00		MF, 1%, 0204, E24	0 S4		55.15.0604 1 p			Switch 5mm, yel/transparent	0 S 87	55.15.0605 1 pce		Switch 5mm, grn/transparent
88	57.60.1121 1 00		MF, 1%, 0204, E24	0 S 5 0 S 6	:	55.15.0604 1 p 55.15.0644 1 p	e 1*a e 1*a		Switch 5mm, yel/transparent Switch 5mm, yel/yel	0 S88	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent
887	57.60.1121 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S7		55.15.0655 1 p			Switch 5mm, grn/grn	0 S89 0 S90	55.15.0622 1 pce 55.15.0655 1 pce	1*a 1*a	Switch 5mm, red/red Switch 5mm, gm/gm
888 889	57.60.1121 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S8		55,15,0655 1 p			Switch 5mm, gm/grn	0 S 91	55.15.0604 1 pce		Switch 5mm, yel/transparent
90	57.60.1121 1 pc		MF, 1%, 0204, E24	0 89		55.15.0622 1 p			Switch 5mm, red/red	0 S 92	55.15.0655 1 pce	1*a	Switch 5mm, grn/grn
91	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S1 0 S1		55.15.0644 1 pc 55.15.0655 1 pc			Switch 5mm, yel/yel Switch 5mm, gm/gm	0 S 93	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel
92 93	57.60.1121 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 51		55 15 0602 1 p			Switch 5mm, red/transparent	0 S 94 0 S 95	55.15.0755 1 pce		Switch 12mm, gm/gm
3 4	57.60.1121 1 pc 57.60.1121 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S1		55.15.0602 1 p			Switch 5mm, red/transparent	0 S 95	55.15.0604 1 pce 55.15.0655 1 pce	1*a 1*a	Switch 5mm, yel/transparent Switch 5mm, grn/grn
15	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S1		55.15.0605 1 p			Switch 5mm, grn/transparent	0 8 97	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent
6	57.60.1102 1 pc		MF, 1%, 0204, E24	0 S1		55.15.0604 1 p 55.15.0602 1 p			Switch 5mm, yel/transparent Switch 5mm, red/transparent	0 S 98	55.15.0655 1 pce	1*a	Switch 5mm, gm/gm
97	57.60.1181 1 pc		MF, 1%, 0204, E24	0 S1 0 S1		55.15.0602 1 p			Switch 5mm, red/transparent	0 S 99	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent
8	57.60.1181 1 pc 57.60.1121 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S1		55.15.0602 1 p			Switch 5mm, red/transparent	0 S 100 0 S 101	55.15.0604 1 pce 55.15.0744 1 pce	1*a 1*a	Switch 5mm, yel/transparent Switch 12mm, yel/yel
99 00	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S1		55.15.0604 1 p			Switch 5mm, yel/transparent	0 S 101	55.15.0744 1 pce 55.15.0755 1 pce	1*a	Switch 12mm, grn/grn
01	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S 2		55.15.0655 1 p			Switch 5mm, grn/gm	0 S 103	55.15.0602 1 pce	1*a	Switch 5mm, red/transparent
902	57.60.1121 1 pc	ce 120R	MF, 1%, 0204, E24	0 S2		55.15.0605 1 p 55.15.0604 1 p			Switch 5mm, grn/transparent Switch 5mm, yel/transparent	0 S 104	55.15.0655 1 pce	1*a	Switch 5mm, grn/grn
903	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S2		55.15.0644 1 p			Switch 5mm, yell/yel	0 S 105	55.15.0602 1 pce	1*a	Switch 5mm, red/transparent
904	57.60.1121 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 2		55.15.0655 1 p			Switch 5mm, grn/grn	0 S 106 0 S 107	55.15.0604 1 pce 55.15.0604 1 pce	1*a 1*a	Switch 5mm, yel/transparent Switch 5mm, yel/transparent
905 906	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S 2		55.15.0605 1 p			Switch 5mm, grn/transparent	0 S 108	55.15.0855 1 pce		Switch 5mm, gm/grn
907	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S 2		55.15.0604 1 p			Switch 5mm, yel/transparent	0 S 109	55.15.0755 1 pce		Switch 12mm, grn/grn
908	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S2 0 S2		55.15.0604 1 p 55.15.0655 1 p			Switch 5mm, yel/transparent Switch 5mm, gm/grn	0 S 110	55.15.0622 1 pce	1*a	Switch 5mm, red/red
909	57.60.1121 1 pc		MF, 1%, 0204, E24	0 S2		55.15.0644 1 p			Switch 5mm, yel/yel	0 S 111	55.15.0755 1 pce	1*a	Switch 12mm, gm/grn
910 911	57.60.1121 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 83		55.15.0655 1 p			Switch 5mm, grn/grn	0 S 112 0 S 113	55.15.0644 1 pce 55.15.0644 1 pce	1*a 1*a	Switch 5mm, yel/yel Switch 5mm, yel/yel
911 912	57.60.1121 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S 3		55.15.0604 1 p			Switch 5mm, yel/transparent	0 S114	55.15.0744 1 pce		Switch 12mm, yel/yel
913	57.60.1121 1 pt		MF, 1%, 0204, E24	0 S3		55.15.0755 1 p			Switch 12mm, grn/grn	0 S 115	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel
914	57.60.1121 1 p		MF, 1%, 0204, E24	0 S3		55.15.0644 1 p			Switch 5mm, yel/yel Switch 5mm, am/arn	0 S 116	55.15.0644 1 pce	1*a	Switch 5mm, yel/yel
9.2	57.60.1121 1 p		MF, 1%, 0204, E24	0 S3		55.15.0605 1 p			Switch 5mm, gm/transparent	0 S 117 0 S 118	55.15.0604 1 pce	1*a 1*a	Switch 5mm, yel/transparent
916 917	57.60,1121 1 pt 57.60,1121 1 pt		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 83		55.15.0604 1 p			Switch 5mm, yel/transparent	0 S 118	55.15.0655 1 pce 55.15.0604 1 pce		Switch 5mm, grn/grn Switch 5mm, yel/transparent
118	57.60.1121 1 pi		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S3		55.15.0604 1 p			Switch 5mm, yel/transparent	0 \$ 120	55.15.0655 1 pce	1*a	Switch 5mm, gm/grn
919	57.60.1102 1 p		MF, 1%, 0204, E24	0 S3		55.15.0604 1 p			Switch 5mm, yel/transparent	0 S 121	55.15.0604 1 pce	1*a	Switch 5mm, yel/transparent
920	57.60.1102 1 p		MF, 1%, 0204, E24	0 S3		55.15.0604 1 p 55.15.0644 1 p			Switch 5mm, yel/transparent Switch 5mm, yel/yel	0 S 122	55.15.0655 1 pce	1*a	Switch 5mm, grn/grn
921	57.60.1102 1 p		MF, 1%, 0204, E24	0 S4		55.15.0604 1 p			Switch 5mm, yel/transparent	0 S 123 0 S 124	55.15.0604 1 pce 55.15.0655 1 pce	1*a 1*a	Switch 5mm, yel/transparent Switch 5mm, grn/grn
22	57.60.1102 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S4	42	55.15.0604 1 p	ce 1*a		Switch 5mm, yel/transparent	0 S 125	55.15.0622 1 pce	1*a	Switch 5mm, red/red
923 924	57.60.1102 1 p		MF, 1%, 0204, E24	0 S4		55.15.0655 1 p			Switch 5mm, gm/grn	0 S 126	55.15.0722 1 pce		Switch 12mm, red/red
925	57.60.1102 1 p		MF, 1%, 0204, E24	0 S4		55.15.0644 1 p			Switch 5mm, yel/yel	0 S 127	55.15.0644 1 pce		Switch 5mm, yel/yel
926	57.60.1102 1 p		MF, 1%, 0204, E24	0 S4		55.15.0644 1 p 55.15.0755 1 p			Switch 5mm, yel/yel Switch 12mm, gm/gm	0 S 128	55.15.0744 1 pce		Switch 12mm, yel/yel
927 928	57.60.1102 1 p	ce 1k0	MF, 1%, 0204, E24	0 S4		55.15.0604 1 p			Switch 5mm, yel/transparent	0 S 129 0 S 130	55.15.0744 1 pce 55.15.0744 1 pce		Switch 12mm, yel/yel Switch 12mm, yel/yel
928	57.60.1102 1 p 57.60.1102 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S4		55.15.0605 1 p			Switch 5mm, grn/transparent	0 S 130	55.15.0755 1 pce		Switch 12mm, grn/grn
30	57.60.1102 1p		VIF. 1%, 0204, E24	0 S4		55.15.0605 1 p			Switch 5mm, grn/transparent	0 8 132	55.15.0744 1 pce		Switch 12mm, yel/yel
31	57.60.1102 1 p		MF, 1%, 0204, E24	0 S		55.15.0605 1 p			Switch 5mm, grn/transparent	0 S 133	55.15.0755 1 pce	1*a	Switch 12mm, gm/gm
32	57.60.1102 1 p		MF, 1%, 0204, E24	0 St		55.15.0605 1 p			Switch 5mm, grn/transparent Switch 5mm, grn/grn	0 S 134	55.15.0722 1 pce		Switch 12mm, red/red
	57.60.1102 1 p		MF, 1%, 0204, E24	0 S:		55.15.0655 1 p			Switch 5mm, gm/gm	0 S 135 0 S 136	55.15.0755 1 pce 55.15.0744 1 pce		Switch 12mm, gm/gm Switch 12mm, yel/yel
34 35	57.60.1102 1 p 57.60.1102 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 8		55.15.0655 1 p			Switch 5mm, grn/grn	0 S 136	55.15.0704 1 pce		Switch 12mm, yel/transparent
3	57.60.1102 1 p		MF, 1%, 0204, E24	0 S		55.15.0655 1			Switch 5mm, gm/grn	0 S 138	55.15.0622 1 pce		Switch 5mm, red/red
37	57.60.1102 1 p		MF, 1%, 0204, E24	0 S		55.15.0844 1 p			Switch 5mm, yel/yel	0 S 139	55.15.0722 1 pce		Switch 12mm, red/red
8	57.60.1102 1 p		MF, 1%, 0204, E24	0 S		55.15.0602 1 p			Switch 5mm, red/transparent Switch 5mm, yel/transparent	0 S 140	55.15.0744 1 pce		Switch 12mm, yel/yel
39	57.60.1102 1 p		MF, 1%, 0204, E24	0 S		55 15.0604 1 1			Switch 5mm, yell/transparent	0 \$ 141	55.15.0744 1 pce		Switch 12mm, yel/yel
940 941	57.60.1102 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S		55 15.0755 1			Switch 12mm, grn/gm	0 S 142 0 S 143	55.15.0744 1 pce 55.15.0705 1 pce		Switch 12mm, yel/yel Switch 12mm, gm/transparent
942	57.60.1181 1 p		MF, 1%, 0204, E24	0 S		55 15.0755 1			Switch 12mm, grn/grn	0 S 143	55.15.0744 1 pce		Switch 12mm, yel/yel
943	57.60.1121 1 p		MF, 1%, 0204, E24	0 S		55 15.0605 1 1			Switch 5mm, grn/transparent	0 S 145	55.15.0744 1 pce		Switch 12mm, yel/yel
944	57.60.1121 1 p		MF, 1%, 0204, E24	0 S		55.15.0604 1			Switch 5mm, yel/transparent	0 S 146	55.15.0744 1 pce		Switch 12mm, yel/yel
945 946	57.60.1121 1 p		MF, 1%, 0204, E24	0 St		55 15.0622 1 p			Switch 5mm, red/red Switch 5mm, gm/grn	0 S 147	55.15.0744 1 pce		Switch 12mm, yel/yel
46 47	57.60.1121 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S	66	55 15.0644 1			Switch 5mm, yel/yel	0 S 148 0 S 149	55.15.0744 1 pce 55.15.0704 1 pce		Switch 12mm, yel/yel Switch 12mm, yel/transparent
48	57.60.1121 1 p		VIF, 1%, 0204, E24 VIF, 1%, 0204, E24	0 S		55.15.0644 1	ice 1'a		Switch 5mm, yel/yel	U 5 149	00.10.0704 1 pce	1"8	Switch 12mm, yei/transparent
949	57.60.1121 1p		MF, 1%, 0204, E24	0 S		55 15.0644 1			Switch 5mm, yel/yel			End	of List
950	57.60.1121 1 p	ce 120R	WF, 1%, 0204, E24	0 S		55.15.0644 1 p			Switch 5mm, yel/yel Switch 5mm, yel/yel	Comments		Lilu	
951	57.60.1121 1 p		VIF, 1%, 0204, E24	0 S		55.15.0644 1			Switch 5mm, yel/yel Switch 5mm, yel/yel	Comments			
952 953	57.60.1121 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S		55.15.0655 1			Switch 5mm, gm/grn				
953 954	57.60.1121 1 p 57.60.1121 1 p		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 S	73	55.15.0655 1	ce 1'a		Switch 5mm, gm/grn				
R 955	57.60.1121 1p		VIF, 1%, 0204, E24	0 S		55.15.0655 1			Switch 5mm, grn/grn				
R 956	57.60.1121 1 p	ce 120R	VIF, 1%, 0204, E24	0 S		55.15.0644 1			Switch 5mm, yel/yel				
R 957	57.60.1121 1 p		VIF, 1%, 0204, E24	0 S		55.15.0644 1 55.15.0622 1			Switch 5mm, yel/yel Switch 5mm, red/red				
R 958	57.60.1121 1 p		VIF, 1%, 0204, E24	0 S		55.15.0655 1			Switch 5mm, gm/gm				
R 959	57.60.1121 1 p	ce 120R	MF, 1%, 0204, E24	0 0									

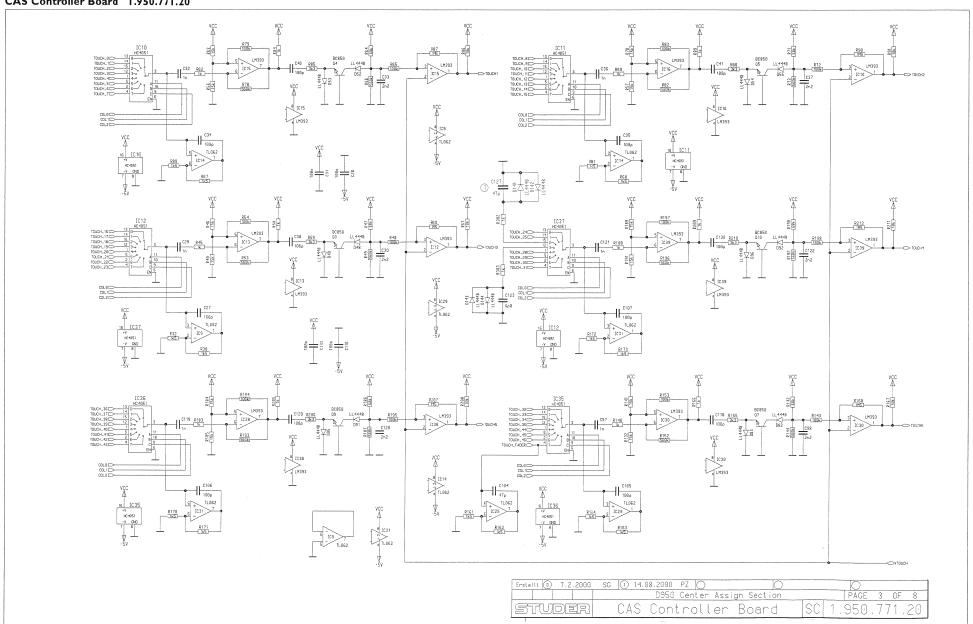
CAS Controller Board 1.950.771.20



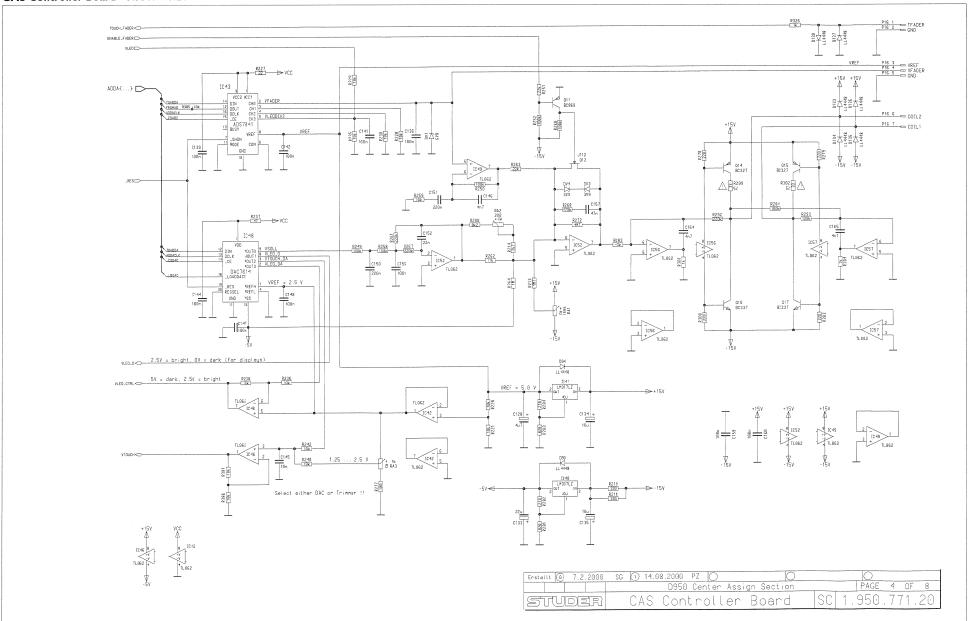
CAS Controller Board 1.950.771.20



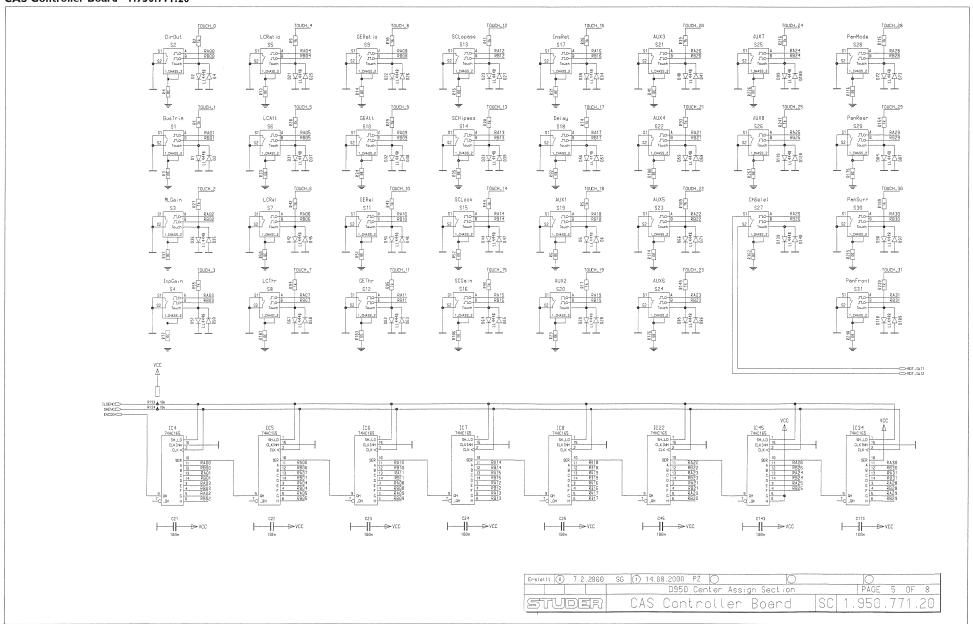
CAS Controller Board 1.950.771.20



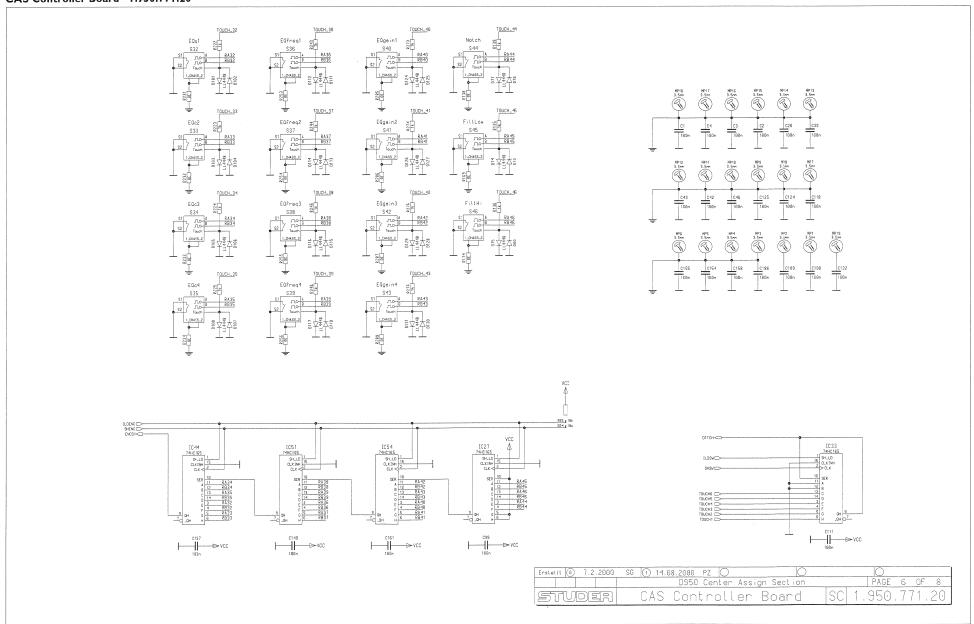
CAS Controller Board 1.950.771.20



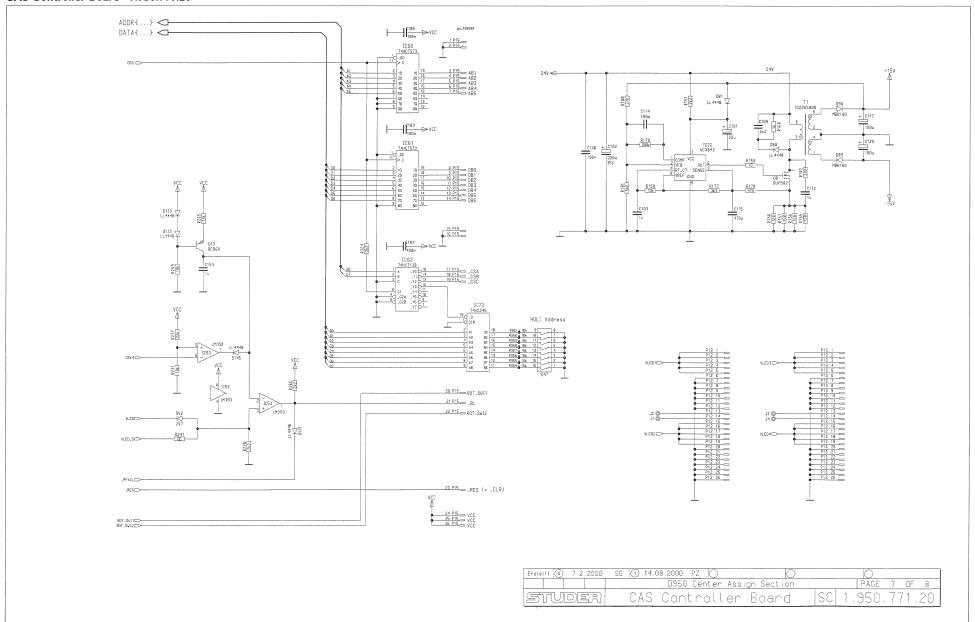
CAS Controller Board 1.950.771.20



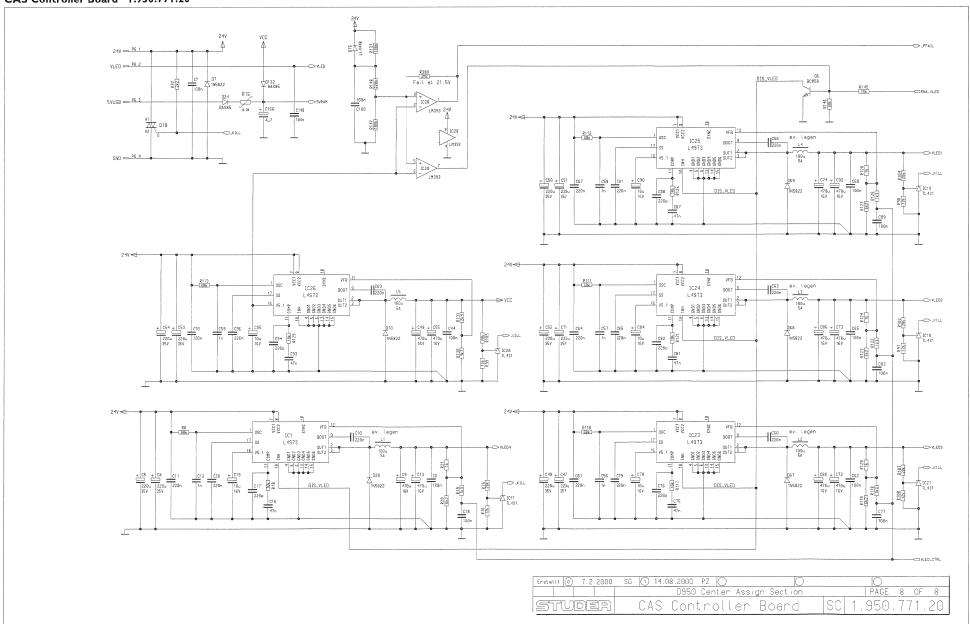
CAS Controller Board 1.950.771.20



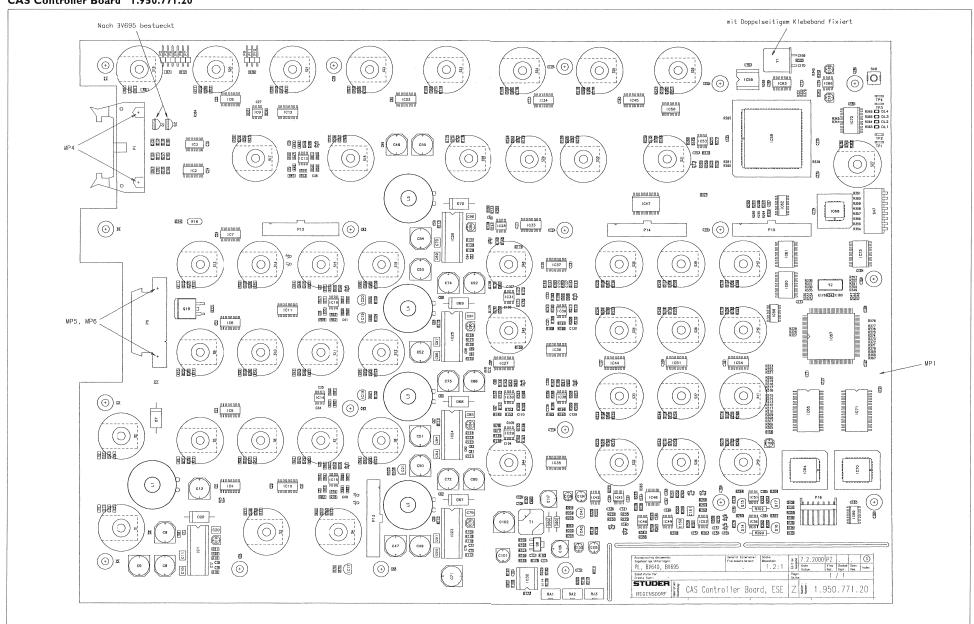
CAS Controller Board 1.950.771.20



CAS Controller Board 1.950.771.20



CAS Controller Board 1.950.771.20



STUDER

CAS Controller Board 1.950.771.20

C 1																		
	59 60 3337	1 nce	100n	CER 50V, 10%, X7R, 0805	0 C 82	59.60.2257 1 pce	220n	CER 50V. 5%. COG. 0603	0 C 164	59.60.3321	1 nre	4n7	CER 50V, 10%, X7R, 0805	0 D 53	50 60 8001	1 pce	4448	200mA 75V 4ns SOD 80
C 2	59.60.3337		100n	CER 50V 10% X7R 0805	0 C 83	59.60.3337 1 pce	100n	CER 50V 10% X7R 0805	0 C 165	59 60 3321		407	CER 50V 10% X7R 0805	0 D 54	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 84	59 68 0065 1 pce	1001	EL 16V 4 0*5 7	0 C 166		1 pce	407	EL 35V 4.0*5.7	0 D 55	50 60 8001	1 pce	4448	200mA 75V 4ns SQD 80
2.4			100n	CER 50V, 10%, X/R, 0805	0 C 85				0 C 167					0 D 56		1 pce	4448	200mA 75V 4ns SOD 80
	59.60.3337	1 pce				59.63.0129 1 pce	220n	PEN 50V, 5%, 1812		59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 57			4440	200mA 75V 4ns SOD 80
5	59.68.0117		220u	EL 35V, 10 *10.7	0 C 86	59.68.0075 1 pce	470u	EL 16V, 10 *10.7	0 C 168		1 pce	100n	CER 50V, 10%, X7R, 0805	0 D57	50.60.8001 50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80
6	59,60,3337		100n	CER 50V, 10%, X7R, 0805	0 C 87	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 C 169	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603			1 pce		
7	59.60.3337	, bce	100n	CER 50V, 10%, X7R 0805	0 C88	59.60.2257 1 pce	220p	CER 50V, 5%, C0G, 0603	0 C 170	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603	0 D 59		1 pce	4448	200mA 75V 4ns SOD 80
8	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 89	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 171	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 60		1 pce	4448	200mA 75V 4ns SOD 8
9	59 68 0075	1 pce	470u	EL 16V, 10 *10.7	0 C 90	59.68.0065 1 pce	10u	EL 16V 4.0*5.7	0 C 172	59.60.3337	1 pce	100n	CER 50V. 10%. X7R. 0805	0 D 61	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
10	59.63.0129		220n	PEN 50V 5% 1812	0 C 91	59.63.0129 1 pce	220n	PEN 50V. 5%. 1812	0 C 173	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 0.62	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
11			220n	PEN 50V, 5%, 1812					0 C 173	59.60.3337				0 D 63	50.60.8001	1 pce	4448	200mA 75V 4ns SQD 8
	59.63.0129				0 C 92	59.68.0075 1 pce	470u	EL 16V, 10 *10.7		0010010001	, poo	100n	CER 50V, 10%, X7R, 0805				4448	
12	59,60.2373		1n0	CER 50V, 5%, C0G, 0805	0 C 93	59.60.3333 1 pce	47n	CER 50V, 10%, X7R, 0805	0 C 175	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 64	50,60,8001			200mA 75V 4ns SOD 8
13	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 94	59.60.2257 1 pce	220p	CER 50V. 5%, C0G, 0603	0 C 176	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 65	50.60.8001		4448	200mA 75V 4ns SOD 8
14	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 95	59.68.0065 1 pce	10u	FI. 16V 4.0*5.7	0 C 177	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 66	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
15	59,60,3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 96	59.63.0129 1 pce	220n	PEN 50V. 5%. 1812	0 C 178	59.60.2235	1 pce	27p	CER 50V. 5%. C0G. 0603	0 D 67	50.04.0519	1 pce	1N5822	3A, Schottky
16	59.60.3333	1 pce	47n	CER 50V. 10%, X7R. 0805	0 C 97	59.60.2373 1 pce		CER 50V, 5%, COG, 0805	0 C 179		1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 68	50.04.0519	1 pge	1N5822	3A. Schottky
17	59 60 2257		220p	CER 50V, 5%, COG, 0603					0 C 180					0 D 69	50.04.0519	1 nce	1N5822	3A. Schottky
				CER 50V, 5%, CGG, 6005 CER 50V 10% X7R 0805	0 C98	59.60.3317 1 pce	2n2	CER 50V, 10%, X7R, 0805			1 pce	27p	CER 50V, 5%, C0G, 0803	0 D 70	50.04.0519		1N5822	3A Schottky
18	59.60.3337		100n		0 C 99	59.60.3337 1 pce		CER 50V, 10%, X7R, 0805	0 C 181		1 pce	1u0	EL 50V, 4.0*5.7					
19	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7	0 C 100	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 182	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7	0 D 71		1 pce	4448	200mA 75V 4ns SOD 8
20	59.63.0129	1 pce	220n	PEN 50V, 5%, 1812	0 C 101	59.68.0111 1 pce	22u	EL 35V. 5.3*5.7	0 C 183	59.60.3337	1 pce	100n	CER 50V. 10%. X7R. 0805	0 D 72	50.60.8001		4448	200mA 75V 4ns SOD 8
21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 102	59.68.0117 1 pce	220u	EL 35V. 10 *10.7	0 C 184		1 pce	100n	CER 50V. 10%, X7R, 0805	0 D 73	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
22	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 C 102	59.60.2373 1 pce	100	CER 50V 5% COG 0805	0 C 185	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 74	50.60.8001		4448	200mA 75V 4ns SOD 8
23	59.60.3337		100n	CER 50V, 10%, X7R 0805										0 D 75			4448	200mA 75V 4ns SOD 8
			10011		0 C 104	59.60.2241 1 pce	47p	CER 50V, 5%, COG, 0603	0 C 186	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D76			4440	200mA 75V 4ns SOD 8
24	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 C 105	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 C 187	59.60.3337		100n	CER 50V, 10%, X7R, 0805					
25	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 C 106	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0803	0 C 188		1 pce	100n	CER 50V, 10%, X7R, 0805	0 D77	50.60.8001		4448	200mA 75V 4ns SOD 8
26	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 107	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 C 189	59.60.3337	1 pce	100n	CER 50V. 10%. X7R. 0805	0 D78	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
27	59.60.2249		100p	CER 50V, 5%, C0G, 0603	0 C 108	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 190	59.60.3337		100n	CER 50V 10% X7R 0805	0 D 79	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
28	59.60.3337		100n	CER 50V. 10%, X7R, 0805	0 C 109	59.60.3317 1 pce	2n2	CER 50V, 10%, X7R, 0805	0 C 191	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 D 80	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
29	59.60.2373		1n0	CER 50V. 5%, COG, 0805	0 C 109	59.60.2249 1 pce	100p	CER 50V, 10%, X/R, 0803 CER 50V, 5%, C0G, 0803	0 0 191	J9.0U.333/	i poe	10011	OER 30V, 10%, A/R, 0003	0 D 81	50.60.8001		4448	200mA 75V 4ns SOD 8
				CER 50V, 5%, COS, 5005					0 D1	50.60.8001	1 nce	4448	200mA 75V 4ns SOD 80	0 D82			4448	200mA 75V 4ns SOD 8
30	59.60.3317		2n2		0 C 111	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D2	50.60.8001		4448	200mA 75V 4ns SOD 80			1 pce		
31	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 C 112	59.60.2373 1 pce	1n0	CER 50V, 5%, C0G, 0805				4448		0 D83	50.60.8001		4448	200mA 75V 4ns SOD 8
32	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805	0 C 113	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D3	50.60.8001			200mA 75V 4ns SOD 80	0 D 84	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
33	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805	0 C 114	59.60.2249 1 pce	100p	CER 50V. 5%. COG. 0603	0 D4	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 85	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
34	59.60.2249	1 nce	100n	CER 50V. 5%, C0G, 0603	0 C 115	59.60.2365 1 pce	470p	CER 50V. 5%. COG. 0805	0 D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D.86	50.60.8001		4448	200mA 75V 4ns SOD 8
35	59 60 2249		100p	CER 50V, 5%, C0G, 0603	0 C 116	59.60.3337 1 pce	100n	CER 50V 10% X7R 0805	0 D6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D87			4448	200mA 75V 4ns SQD 8
				CER 50V, 5%, C0G, 0005					0 D7	50.04.0519	1 nce	1N5822	3A. Schottky	0 D88			4446	200mA 75V 4ns SOD 8
36	59.60.2373		1n0		0 C 117	59.68.0115 1 pce	100u	EL 35V, 3.0*10.7	0 D8	50.60.8001		4448	200mA 75V 4ns SOD 80			1 pce		
37	59.60.3317		2n2	CER 50V, 10%, X7F, 0805	0 C 118	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 00	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D89	50.04.0527	1 pce	MBR160	MBR 160, SB 160, 11 DQ (
38	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603	0 C 119	59.60.2373 1 pce	1n0	CER 50V, 5%, C0G, 0805					Looning for the control	0 D 90	50.04.0527	1 pce	MBR160	MBR 160, SB 160, 11 DQ (
39	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 120	59.60.3317 1 pce	2n2	CER 50V, 10%, X7R, 0805	0 D 10		1 pce	4448	200mA 75V 4ns SOD 80	0 D 91	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
40	59.60.2249		100n	CER 50V 5% C0G 0603	0 C 121	59.60.2373 1 pce	1n0	CER 50V 5% COG 0805	0 D 11		1 pce	4448	200mA 75V 4ns SOD 80	0 D 92	50.60.8001	1 nce	4448	200mA 75V 4ns SQD 8
41	59.60.2249		100p	CFR 50V 5% C0G 0603	0 C 122	59.60.3317 1 pce	2n2	CER 50V, 10%, X7R, 0805	0 D12	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 93	50.60.8001		4448	200mA 75V 4ns SOD 8
									0 D 13	50.60.8001	1 nce	4448	200mA 75V 4ns SOD 80	0 D93			4440	200mA 75V 4ns SOD 80
42	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 C 123	59.60.2221 1 pce	6p8	CER 50V, 5%, C0G, 0603	0 D 14		1 pce	4448	200mA 75V 4ns SOD 80		50.60.8001			
43	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 C 124	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 15	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 95	50.60.8001		4448	200mA 75V 4ns SOD 80
44	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 125	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805						0 D 96	50.60.8001		4448	200mA 75V 4ns SOD 80
45	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 126	59.68.0115 1 pce	100u	EL 35V 3.0*10.7	0 D16	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 97	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
46	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	2 C 127	59.60.2241 1 pce	470	CER 50V, 5%, C0G, 0603	0 D 17	50,60,8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 98	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
47	59 68 0117		22011	EL 35V 10*10.7	0 C 128	59.68.0107 1 pce	4117	EL 35V 40*5 7	0 D 18	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 99	50.60.8001	1 nce	4448	200mA 75V 4ns SOD 81
48	59.68.0075		470u	EL 16V, 10 *10.7	0 C 129	59.60.2249 1 pce		CER 50V, 5%, C0G, 0603	0 D 19	50.60,8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 100	50.80.8001		4448	200mA 75V 4ns SOD 8
				EL 35V, 10 *10.7					0 D 20	50.04.0519	1 nce	1N5822	3A. Schottky	0 D 101	50.60.8001		4448	200mA 75V 4ns SOD 8
49	59.68.0117		220u		0 C 130	59.60.2249 1 pce	100p	CER 50V, 5%, C0G, 0603	0 D 21	50.60.8001		4448	200mA 75V 4ns SOD 80					
50	59.68.0117		220u	EL 35V, 10 *10.7	0 C 131	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805				4448		0 D 102		1 pce	4448	200mA 75V 4ns SOD 80
51	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 132	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 22		1 pce		200mA 75V 4ns SOD 80	0 D 103	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
52	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 133	59.68.0025 1 oce	221	EL 6V 40*57	0 D 23		1 pce	4448	200mA 75V 4ns SOD 80	0 D 104	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
53	59.68.0117		220u	EL 35V, 10 *10.7	0 C 134	59.68.0109 1 pce	10,	EL 35V, 5.0*5.7	0 D 24	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80	0 D 105	50.60.8001		4448	200mA 75V 4ns SOD 8
54	59.68.0117		220u	EL 35V, 10 *10.7	0 C 135	59.68.0109 1 pce	10.1	EL 35V, 5.0°5.7	0 D 25	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 106		1 pce	4448	200mA 75V 4ns SOD 80
			220u 470u	EL 16V 10*10.7					0 D 26		1 pce	4448	200mA 75V 4ns SOD 80	0 D106	50.60.8001		4448	200mA 75V 4ns SOD 8
55	59.68,0075				0 C 136	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 27		1 pce	4448	200mA 75V 4ns SOD 80					
56	59.60.2373		1n0	CER 50V, 5%, COG, 0805	0 C 137	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D27	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 108	50.60.8001		4448	200mA 75V 4ns SOD 8
57	59.60.2373		1n0	CER 50V, 5%, C0G, 0805	0 C 139	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805						0 D 109	50.60.8001	. 600	4448	200mA 75V 4ns SOD 8
58	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805	0 C 140	59.60.3337 1 pce	100n	CER 50V. 10%, X7R, 0805	0 D 29		1 pce	4448	200mA 75V 4ns SOD 80	0 D 110	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
59	59.60.2373		1n0	CER 50V, 5%, COG, 0805	0 C 141	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 30		1 pce	4448	200mA 75V 4ns SOD 80	0 D 111	50.60,8001	1 pce	4448	200mA 75V 4ns SOD 8
30	59.63.0129		220n	PEN 50V. 5%, 1812	0 C 141	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 D 31	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 112	50.60.8001		4448	200mA 75V 4ns SOD 8
5U 51	59.63.0129		220n	PEN 50V, 5%, 1612 PEN 50V 5% 1812					0 D 32		1 pce	4448	200mA 75V 4ns SOD 80	0 D 112	50.60.8001		4446	200mA 75V 4ns SOD 8
					D C 143	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D32	50.60.8001		4448	200mA 75V 4ns SOD 80					
32	59.60.3337		100n	CER 50V, 10%, X7F, 0805	0 C 144	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D33				200mA 75V 4ns SOD 80	0 D 114		1 pce	4448	200mA 75V 4ns SOD 8
33	59.63.0129		220n	PEN 50V, 5%, 1812	0 C 145	59.60.3325 1 pce	10n	CER 50V, 10%, X7R, 0805		50.60.8001		4448		0 D 115	50.60.8001		4448	200mA 75V 4ns SOD 8
64	59.63.0129		220n	PEN 50V, 5%, 1812	0 C 146	59.60.3321 1 pce	4n7	CER 50V, 10%, X7R, 0805	0 D 35	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 116	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
35	59.60.3337		100n	CER 50V, 10%, X7F, 0805	0 C 147	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D36	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 117	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
6	59.63.0129		220n	PEN 50V 5% 1812	0 C 147	59.60.3337 1 pce	1000	CER 50V, 10%, X/R, 0805	0 D 37	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 118	50.60,8001		4448	200mA 75V 4ns SQD 8
37	59.63.0129		220n	PEN 50V, 5%, 1812					0 D38	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 110		1 pce	4448	200mA 75V 4ns SOD 8
				CFR 50V, 5%, 1812 CFR 50V 10%, X7R 0805	0 C 149	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D39	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 119				
88	59.60.3337		100n		0 C 150	59.63.0129 1 pce	220n	PEN 50V, 5%, 1812	0 D39			4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80		50.60.8001		4448	200mA 75V 4ns SOD 8
69	59,63,0129		220n	PEN 50V, 5%, 1812	0 C 151	59.63.0129 1 pce	220n	PEN 50V, 5%, 1812			1 pce			0 D 121	50.60.8001		4448	200mA 75V 4ns SOD 8
70	59.63.0129	1 pce	220n	PEN 50V, 5%, 1812	0 C 152	59.60.3329 1 pce	22n	CER 50V. 10%, X7R, 0805	0 D 41	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 122	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
71	59 68 0117	1 pce	220u	EL 35V, 10 *10.7	0 C 152	59.60.2373 1 pce	100	CER 50V, 10%, X71, 0000	0 D 42	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 123	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
72	59.68.0075		470u	EL 16V. 10 *10.7					0 D 43	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 124	50.60.8001		4448	200mA 75V 4ns SOD 8
					0 C 154	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D44	50.60.8001		4448	200mA 75V 4ns SOD 80					
73	59.68.0075		470u	EL 16V, 10*10.7	0 C 155	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D44		1 nce	4440	200mA 75V 4ns SOD 80	0 D 125	50.60.8001		4448	200mA 75V 4ns SOD 8
74	59.68.0075		470u	EL 16V, 10 *10.7	0 C 156	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805						0 D 126	50.60.8001		4448	200mA 75V 4ns SOD 8
75	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805	0 C 157	59.60.3333 1 pce	47n	CER 50V. 10%, X7R, 0805	0 D46	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 127	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 8
76	59.60.2257		220n	CER 50V, 5%, C0G, 0603	0 C 158	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D47	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0 D 128		1 pce	4448	200mA 75V 4ns SOD 80
	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0 C 158		100n	CER 50V, 10%, X/R, 0805	0 D48		1 pce	4448	200mA 75V 4ns SOD 80	0 D 129	50.60.8001		4448	200mA 75V 4ns SOD 80
77				EI 16V 4.0*5.7		59.60.3337 1 pce			0 D 49		1 pce	4448	200mA 75V 4ns SOD 80	0 D 129			4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80
						59.60.3337 1 pce	100n	CER 50V. 10%, X7R, 0805										
78	59.68.0065		10u		0 C 160				0 0.50	50 80 800°	1 nce	4449	200mA 75V Ane SOD 80		50.60.8001	1 pce		
78			10u 220n	PEN 50V, 5%, 1812	0 C 161	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 50	50.60.8001		4448	200mA 75V 4ns SOD 80	0 D 131	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
77 78 79 80	59.68.0065	1 pce							0 D 50 0 D 51 0 D 52	50.60.8001 50.60.8001 50.60.8001	1 pce	4448 4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80		50.60.8001 50.60.8101	1 pce		



CAS Controller Board 1.950.771.20

Pos.	Part No. Qty. Type/Va	. Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
133	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 59	50.63.4210 1 pce	EPF10K10	PLD 10 000 gates	0 R 19	57.60.1132 1 pce	1k3	MF. 1%, 0204, E24	0 R 98	57.60.1123 1 pce	12k	MF. 1%, 0204, E24
134	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 60	50.62.3573 1 pce	74HCT573	Octal D-type latch	0 R 20	57.60.1622 1 pce	6k2	MF. 1%, 0204, E24	0 R 99	57.60.1153 1 nce	15k	MF 1% 0204 F24
35	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 61	50.62.3573 1 pce	74HCT573	Octal D-type latch	0 R 21	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 100	57.60.1000 1 pce	0R0	MF. 0204
36	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 10 01	50.62.3138 1 pce		3 to 8 line decoder	0 R 22	57.60.1222 1 pce	2k2	MF. 1%, 0204, E24	0 R 101	57.60.1000 1 pce	0R0	MF 0204
37	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 10.63	50.62.1904 1 pce	74HCU04	Hex inverter unbuffered	0 R 23	57.60.1000 1 pce	0R0	MF. 0204	0 R 102	57.60.1203 1 pce	20k	MF, 1%, 0204, E24
8	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 64	1,950,946,20	/4HCU04	SW771 high (IC70 50.63.1303)	0 R 24	57.69.1097 1 pce	10k	MF, 0204 CF 5% 0603	0 R 102	57.60.1203 1 pce 57.60.1000 1 pce	20K 0R0	
39	50.60.6001 1 pce 4446	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80					0 R 24							WIII , 0204
-			0 IC 65	50.63.1504 1 pce	551001	SRAM 128K*8, 100ns		57.69.1097 1 pce	10k	CF 5% 0603	0 R 104	57.60.1203 1 pce	20k	MF, 1%, 0204, E24
40	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 66	50.63.2001 1 pce	7705B	Reset Generator	0 R 26	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 105	57.60.1203 1 pce	20k	MF, 1%, 0204, E24
11	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 67	50.63.0100 1 pce	MC68302	MPU 16bit	0 R 27	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 106	57.60.1000 1 pce	0R0	MF, 0204
42	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 68	1.950.950.20		SW771 HDLC (50.63.3000)	0 R 28	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 107	57.60.1203 1 pce	20k	MF, 1%, 0204, E24
43	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 69	50.62.1014 1 pce	74HC 14	Hex Schmitt trigger inverter	0 R 29	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 108	57.60.1123 1 pce	12k	MF, 1%, 0204, E24
144	50.60.8001 1 pce 4448	200mA 75V 4ns SOD 80	0 IC 70	1.950.945.20		SW771 low (IC64 50.63.1303)	0 R 30	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24	0 R 109	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24
145	50.60.8001 1 pce 4448	200mA 75V 4ns SQD 80	0 IC 71	50.63.1504 1 pce	551001	SRAM 128K*8, 100ns	0 R 31	57.60.1000 1 pce	080	MF 0204	0 R 110	57.60.1683 1 pce	68k	MF. 1%, 0204, E24
			0 IC 72	50.62.1244 1 pce	74HC244	Octal buffer line driver/recei	0 R 32	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24	0 R 111	57.60.1683 1 pce	68k	MF. 1%, 0204, E24
1	50.60.9401 1 pce red	SMD LED superred	0 IC 73	50.62.1244 1 pce 50.62.1245 1 pce	74HC244	Octal bus transceiver	0 R 33	57.60.1000 1 pce	0R0	MF 0204	0 R 112	57.60.1683 1 pce	68k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
2	50.60.9401 1 pce red	SMD LED superred	U IC /3	50.62.1245 1 pce	/4HC245	Octal bus transceiver	0 R 34	57.60.1000 1 pce			0 R 112	57.60.1683 1 pce		MF, 1%, 0204, E24 MF, 1%, 0204, E24
3	50.60.9402 1 pce yel	SMD LED vellow	0 L1	62.03.0040 1 pce	100uH	5A Toroid Chocke			0R0	MF, 0204			68k	
4	50.60.9402 1 pce yel	SMD LED vellow	0 L2	62.03.0040 1 pce	100uH	5A Toroid Chocke	0 R 35	57.60.1000 1 pce	0R0	MF, 0204	0 R 114	57.60.1000 1 pce	0R0	MF, 0204
		,					0 R 36	57.60.1101 1 pce	100R	MF, 1%, 0204, E24	0 R 115	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
1	50.60.9013 1 pce 6V8	5%, 0.2W, SOT 23	0 L3	62.03.0040 1 pce	100uH	5A Toroid Chocke	0 R 37	57,60,1000 1 pce	0R0	MF, 0204	0 R 116	57.60.1000 1 pce	0R0	MF, 0204
2	not used 1 pce 2V7	5%, 0.2W, SOT 23	0 L4	62.03.0040 1 pce	100uH	5A Toroid Chocke	0 R 38	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24	0 R 117	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
3	50.60.9007 1 pce 3V9	5%, 0.2W, SOT 23	0 L 5	62.03.0040 1 pce	100uH	5A Toroid Chocke	0 R 39	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24	0 R 118	57.60.1132 1 pce	1k3	MF. 1%, 0204, E24
4	50.60.9007 1 pce 3V9	5%, 0.2W, SOT 23					0 R 40	57.60.1153 1 pce	15k	MF. 1%, 0204, E24	0 R 119	57.60.1622 1 pce	6k2	MF. 1%, 0204, E24
•	55.55.5007 1 pce 379	J 10, U.ZVV, OU 1 ZJ	0 MP1	1.950.771.11 1 pce		CAS Controller Board PCB	0 R41	57.60.1000 1 pce	0R0	MF, 1%, 0204, E24 MF. 0204	0 R 120	57.60.1022 1 pce	1k0	MF, 1%, 0204, E24
	50.10.0127 1 pce 4973V3.3	Switching Reg 3.3V 3.5A	0 MP2	43.01.0108 1 pce	Label	ESE-WARNSCHILD	0 R41							
	50.62.0463 1 pce DS34C86		0 MP3	1.950.771.10 1 pce		Nr. Etikette 5 * 20		57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 121	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
	50.62.1086 1 pce 74HC 86		0 MP4	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0 R 43	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 122	57.60.1132 1 pce	1k3	MF, 1%, 0204, E24
3		action military microsity	0 MP5	28.21.2308 2 pcs		ROHRNIETE, DIN D 25* 6.0	0 R 44	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 123	57.60.1622 1 pce	6k2	MF, 1%, 0204, E24
4 5	50.62.1165 1 pce 74HC165		0 MP6	23.01.2027 2 pcs	M2.5	U-Scheibe 2.7/6.0*0.5 St gb	0 R 45	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 124	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
-	50.62.1165 1 pce 74HC165					Lines de de go	0 R 46	57.60.1153 1 pce	15k	MF, 1%, 0204, E24	0 R 125	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
3	50.62.1165 1 pce 74HC165		0 P1	54.14.2017 1 pce	20p	Winkelstecker Au	0 R 47	57.60.1683 1 pce	68k	MF 1% 0204 E24	0 R 126	57.60.1132 1 pce	1k3	MF. 1%, 0204, E24
7	50.62.1165 1 pce 74HC165	8bit shift register	0 P2	54.11.0125 1 pce	1p	Pin, 1reihig, winkel	0 R48	57.60.1104 1 pce	100k	MF. 1%, 0204, E24	0 R 127	57,60,1622 1 pce	6k2	MF, 1%, 0204, E24
3	50.62.1165 1 pce 74HC165	8bit shift register	0 P3	54.11.0125 1 pce	1p	Pin, 1reihia, winkel	0 R 49	57.60.1164 1 pce	560k	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 128	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
9	50.61.0201 1 pce TL062	Dual FET Op-Amp	0 P4	54 11 0125 1 pce	1n	Pin. 1reihig, winkel	0 R 50				0 R 129			
0	50.62.1951 1 pce 74HC405		0 P5	54.11.0125 1 pce	1,6			57.60.1000 1 pce	0R0	MF, 0204		57.60.1103 1 pce	10k	MF, 1%, 0204, E24
1	50.62.1951 1 pce 74HC405				1p	Pin, 1reihig, winkel	0 R 51	57.60.1000 1 pce	0R0	MF, 0204	0 R 130	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24
		our analog marrarinax	0 P6	54.25.0054 1 pce	4p	Buchse, 16A, winkel, PCB	0 R 52	57.60.1000 1 pce	0R0	MF, 0204	0 R 131	57.60.1242 1 pce	2k4	MF, 1%, 0204, E24
2	50.62.1951 1 pce 74HC405		0 P7	54.11.0125 1 pce	1p	Pin, 1reihig, winkel	0 R 53	57.60.1564 1 pce	560k	MF, 1%, 0204, E24	0 R 132	57.60.1153 1 pce	15k	MF, 1%, 0204, E24
3	50.61.9001 1 pce LM393	Dual voltage comp. SO 8	0 P8	54.11.0125 1 pce	1p	Pin, 1reihig, winkel	0 R 54	57.60.1104 1 pce	100k	MF. 1%, 0204, E24	0 R 133	57.69.1097 1 pce	10k	CF 5% 0603
4	50.61.0201 1 pce TL062	Dual FET Op-Amp	0 P9	54.11.0125 1 pce	1p	Pin, 1reihig, winkel	0 R 55	57.60.1102 1 pce	1k0	MF 1% 0204 E24	0 R 134	57.69.1097 1 pce	10k	CF 5% 0603
5	50.61.9001 1 pce LM393	Dual voltage comp. SO 8	0 P 10	54.11.0125 1 pce	1p	Pin. 1reihig. winkel	0 R 56	57.60.1153 1 pce	15k	MF. 1%, 0204, E24	0 R 135	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
6	50.61.9001 1 pce LM393	Dual voltace comp. SO 8	0 P11	54.11.0125 1 pce	1p	Pin, 1reihig, winkel	0 R 57	57.60.1153 1 pce	15k	MF 1% 0204 E24	0 R 136	57.60.1102 1 pce	1k0	MF 1% 0204 E24
7	50.10.0106 1 pce TL431	Shunt regulator	0 P 12	54.14.4126 1 pce	26p	1/20" Au. gerade	0 R 57	57.60.1153 1 pce 57.60.1102 1 pce	1k0	MF 1% 0204 E24 MF 1% 0204 E24				
18	50.10.0106 1 pce TL431	Shunt regulator	0 P 13								0 R 137	57.60.1104 1 pce	100k	MF, 1%, 0204, E24
19	50.10.0106 1 pce TL431			54.14.4126 1 pce	26p	1/20" Au, gerade	0 R 59	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24	0 R 138	57.60.1000 1 pce	0R0	MF, 0204
		Shunt regulator	0 P 14	54.14.4126 1 pce	26p	1/20" Au, gerade	0 R 60	57.60.1155 1 pce	1M5	MF, 1%, 0204, E24	0 R 139	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
20	50.10.0106 1 pce TL431	Shunt regulator	0 P 15	54.14.4126 1 pce	26p	1/20" Au, gerade	0 R 61	57.60.1103 1 pce	10k	MF, 1%, 0204, E24	0 R 140	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24
21	50.10.0106 1 pce TL431	Shunt regulator	0 P 16	54.12.0727 1 pce	7p	Stecker winkel PCB	0 R 62	57.60,1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 141	57.60.1153 1 pce	15k	MF 1% 0204 F24
22	50.62.1165 1 pce 74HC165	8bit shift register					0 R 63	57.60.1153 1 pce	15k	MF, 1%, 0204, E24	0 R 142	57.60.1683 1 pce	68k	MF, 1%, 0204, E24
23	50.10.0127 1 pce 4973V3.3	Switching Reg 3.3V 3.5A	0 Q1	50.03.1554 1 pce	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 64	57.60.1683 1 pce	68k	MF 1% 0204 E24	0 R 143	57.60.1104 1 pce	100k	MF. 1%, 0204, E24
24	50.10.0127 1 pce 4973V3,3		0 Q2	50.03.1505 1 pce	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 65	57.60.1104 1 pce	100k	MF. 1%, 0204, E24	0 R 144	57.60.1164 1 pce 57.60.1564 1 pce	560k	
25	50.10.0127 1 pce 4973V3.3		0 Q3	50.60.0002 1 pce	BC850C	NPN 45V 100mA SOT 23	0 R 66	57.60.1564 1 pce	560k	MF 1% 0204 E24				MF, 1%, 0204, E24
26	50.10.0127 1 pce 4973V3.3		0 Q.4	50.60.0002 1 pce	BC850C	NPN 45V 100mA SOT 23					0 R 145	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
27	50.52.1165 1 pce 74HC165		0 Q 5	50.60.0002 1 pce	BC850C	NPN 45V 100mA SOT 23	0 R 67	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24	0 R 146	57.60.1683 1 pce	68k	MF, 1%, 0204, E24
			0 06	50.60.0002 1 pce	BC850C	NPN 45V 100mA SOT 23	0 R 68	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24	0 R 147	57.60.1104 1 pce	100k	MF, 1%, 0204, E24
28	50.31.9001 1 pce LM393	Dual voltage comp. SO 8	0 Q7	50.60.0002 1 pce	BC850C		0 R 69	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 148	57.60.1224 1 pce	220k	MF, 1%, 0204, E24
29	50.51.0201 1 pce TL062	Dual FET Op-Amp	0 07			NPN 45V 100mA SOT 23	0 R 70	57.60.1153 1 pce	15k	MF, 1%, 0204, E24	0 R 149	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24
30	50.51.9001 1 pce LM393	Dual voltage comp. SO 8		50.60.2201 1 pce		PowerMOS N-Ch 100V, 0.31Ohm	0 R 71	57.60.1683 1 pce	68k	MF, 1%, 0204, E24	0 R 150	57.60.1103 1 pce	10k	MF, 1%, 0204, E24
1	50.61.0201 1 pce TL062	Dual FET Op-Amp	0 Q9	50.60.0002 1 pce	BC850C	NPN 45V 100mA SOT 23	0 R 72	57.60.1104 1 pce	100k	MF 1% 0204 E24	0 R 151	57.60.1103 1 pce	2k2	MF, 1%, 0204, E24
2	50.10.0113 1 pce 3843	IC IP 3843 N	0 Q 10	50.60.0002 1 pce	BC850C	NPN 45V 100mA SOT 23	0 R72	57.60.1164 1 pce	560k	MF. 1%, 0204, E24	0 R 151 0 R 152			
3	50.62.1165 1 pce 74HC165	8bit shift register	0 Q 11	50.60.1002 1 pce	BC860C	PNP 45V 100mA SOT 23	0 R73	57.60.1364 1 pce 57.60.1102 1 pce	1k0	MF. 1%, 0204, E24 MF. 1%, 0204, E24		57.60.1564 1 pce	560k	MF, 1%, 0204, E24
4	50.62.1165 1 pce 74HC165		0 Q 12	50.60.2001 1 pce	J112	JFET N-Channel	0 R 74		1k0 20k	MF, 1%, 0204, E24 MF 1% 0204 E24	0 R 153	57.60.1104 1 pce	100k	MF, 1%, 0204, E24
	50.62.1951 1 pce 74HC405	obit offit register	0 Q 13	50.60.1002 1 pce	BC860C	PNP 45V 100mA SOT 23		57.60.1203 1 pce	Lon	1411 / 1747 484 17 1841	0 R 154	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24
3	50.62.1951 1 pce 74HC405		0 0 14	50.03.0351 1 pce	BC327-25	PNP. 800mA	0 R 76	57.60.1123 1 pce	12k	MF, 1%, 0204, E24	0 R 155	57.60.1109 1 pce	1R	MF, 1%, 0204, E24
			0 Q 15	50.03.0351 1 pce 50.03.0351 1 pce	BC327-25	PNP, 800mA	0 R 77	57.60.1000 1 pce	0R0	MF, 0204	0 R 156	57.60.1109 1 pce	1R	MF, 1%, 0204, E24
7 B	50.62.1951 1 pce 74HC405						0 R 78	57.60.1564 1 pce	560k	MF, 1%, 0204, E24	0 R 157	57.60.1109 1 pce	1R	MF, 1%, 0204, E24
	50.61.9001 1 pce LM393	Dual voltage comp. SO 8	0 Q 16	50.03.0340 1 pce	BC337-25	800mA, 45V, NPN	0 R 79	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0 R 158	57.60.1109 1 pce	1R	MF. 1%, 0204, E24
9	50.61.9001 1 pce LM393	Dual voltage comp. SO 8	0 Q 17	50.03.0340 1 pce	BC337-25	800mA, 45V, NPN	0 R 80	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24	0 R 159	57.60.1100 1 pce	10R	MF. 1%, 0204, E24
0	50.10.0109 1 pce LM337L	Series regulator 100mA37V	0 Q 18	50.60.7001 1 pce	BT138B	Triac 8A, 600V, SOT 404	0 R 81	57.60.1152 1 pce	1k5	MF 1% 0204 E24	0 R 159	57.60.1100 1 pce 57.60.1102 1 pce	1k0	
1	50.10.0108 1 pce LM317L	Series regulator 100mA+37V									0 11100			MF, 1%, 0204, E24
2	50.61.0201 1 pce TL062	Dual FET Op-Amp	0 R1	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 82	57.60.1564 1 pce	560k	MF, 1%, 0204, E24	0 R 161	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
3	50.61.8106 1 pce ADS7841	4*A/D Converter 12bit SO 16	0 R 2	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 83	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0 R 162	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
	50.62.1165 1 pce 74HC165	8bit shift register	0 R3	57.60.1000 1 pce	OR0	MF, 0204	0 R 84	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 163	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
			0 R4	57.60.1000 1 pce	0R0	MF. 0204	0 R 85	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24	0 R 164	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
			0 R.5	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 86	57.60.1103 1 pce	10k	MF, 1%, 0204, E24	0 R 165	57.60.1332 1 pce	3k3	MF, 1%, 0204, E24
	50.61.0201 1 pce TL062	Dual FET Op-Amp	0 R6	57.60.1102 1 pce	nRn	MF 0204, E24	0 R 87	57.60.1155 1 pce	1M5	MF, 1%, 0204, E24	0 R 166	57.60.1102 1 pce	1k0	MF. 1%, 0204, E24
,	50.62.1245 1 pce 74HC245	Octal bus transceiver	0 R6		100R	MF. 1%, 0204, E24	0 R 88	57.60.1332 1 pce	3k3	MF. 1%, 0204, E24	0 R 167	57.60.1103 1 pce	10k	MF. 1%, 0204, E24
В	50.61.8006 1 pce DAC7614	4*D/A Converter 12bit SO 20					0 100	57.60.1102 1 pce	1k0	MF 1% 0204 E24	0 R 168	57.60.1155 1 pce	1M5	MF, 1%, 0204, E24 MF, 1%, 0204, E24
9	50.61.0201 1 pce TL062	Dual FET Op-Amp		57.60.1683 1 pce	68k	MF, 1%, 0204, E24	0 R 90	57.60.1102 1 pce 57.60.1155 1 pce	1M5	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 168		1M5 0R0	
0	50.62.1086 1 pce 74HC 86	Quad 2input EXOR	0 R9	57.80.1102 1 pce	1k0	MF, 1%, 0204, E24						57.60.1000 1 pce	0.10	MF, 0204
1	50.62.1165 1 pce 74HC165	8bit shift register	0 R 10	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 91	57.60.1103 1 pce	10k	MF, 1%, 0204, E24	0 R 170	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
			0 R 11	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 92	57.60.1000 1 pce	0R0	MF, 0204	0 R 171	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
2	50.61.0201 1 pce TL062	Dual FET Op-Amp	0 R 12	57.60.1101 1 pge	100R	MF. 1% 0204 E24	0 R 93	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 172	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24
3	50.61.9001 1 pce LM393	Dual voltage comp. SO 8	0 R 13	57.60.1000 1 pce	080	MF. 0204, E24	0 R 94	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 173	57.60.1152 1 pce	1k5	MF 1% 0204 F24
1	50.62.1165 1 pce 74HC165	8bit shift register					0 R95	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 173	57.60.1152 1 pce 57.60.1000 1 pce	ORO	MF, 1%, 0204, E24 MF. 0204
5	rot used 1 pce EPC1	EPLD Confg ROM		57.60.1000 1 pce	0R0	MF, 0204							01.10	
6	50.61.0201 1 pce TL062	Dual FET Op-Amp	0 R 15	57.60.1000 1 pce	0R0	MF, 0204	0 R 96	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0 R 175	57.60.1000 1 pce	0R0	MF, 0204
7	50.61.0201 1 pce TL062	Dual FET Op-Amp	0 R1€	57.92.7011 1 pce	0.2A	PTC 60V	0 R 97	57.60.1123 1 pce	12k	MF, 1%, 0204, E24	0 R 176	57.60.1000 1 pce	0R0	MF, 0204
	JU.V1.JZU1 1 PUE 1 LU6Z		0 R 17	57,60,1102 1 pce	1k0	MF. 1%, 0204, E24					0 R 177	57.60.1332 1 pce	3k3	MF. 1%, 0204, E24
8	50.62.1032 1 pce 74HC 32	Quad 2input OR										57.60.1471 1 pce		

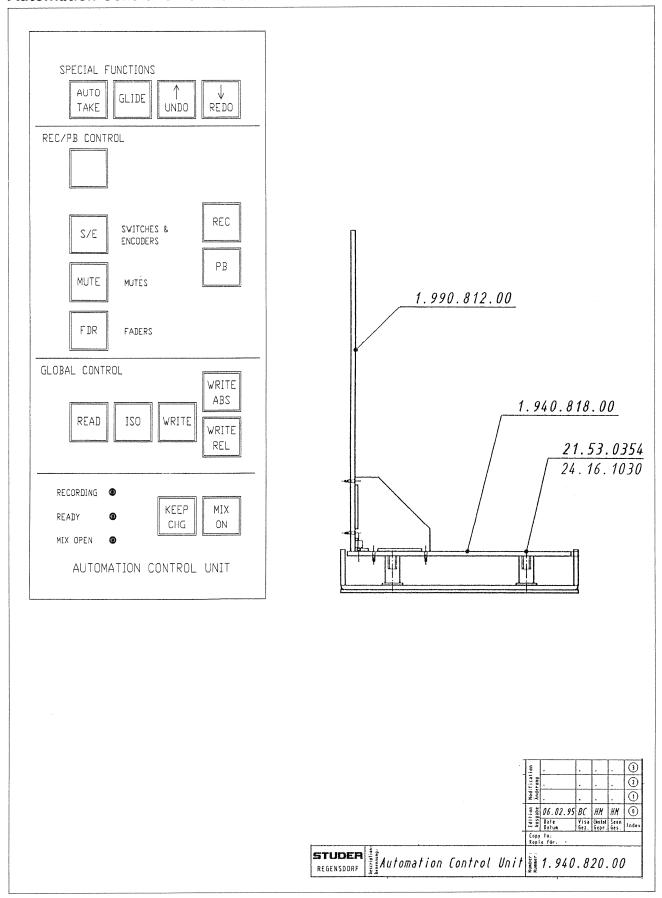
D950 Mixing Console STUDER

CAS Controller Board 1.950.771.20

x Pos.	Part No. Qty. Type	/Val. I	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty	. Type/Val.	Description
R 179	57.60.1154 1 pce 150k		MF, 1%, 0204, E24	0 R 260	57.60.1104 1 pc	100k	MF. 1%, 0204, E24	0 R 341	57.60.1332 1 pce	3k3	MF. 1%, 0204, E24	0 S 31	55.12.1316 1 p	e N=40	Drehgeber magnetisch
R 1/9	57.60.1154 1 pce 150k		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 261	57.60.1104 1 pc		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 342	57.60.1100 1 pce	10R	MF 1% 0204 F24	0 S 32	55.12.1316 1 p		Drehgeber magnetisch
				0 R 262	57.60.1224 1 pc		MF. 1%, 0204, E24 MF. 1%, 0204, E24	0 R 343	57.60.1684 1 pce	680k	MF. 1%, 0204, E24	0 S 33	55.12.1316 1 p		Drehgeber magnetisch
	57.60.1562 1 pce 5k6		MF, 1%, 0204, E24	0 R 263			MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 344	57.69.1073 1 pce	1k0	CF 5% 0603	0 534	55.12.1316 1 p		Drehgeber magnetisch
R 182	57.60.1331 1 pce 330F		MF, 1%, 0204, E24		57.60.1223 1 pc			0 R 345	57.69.1073 1 pce	1k0	CF 5% 0603	0 S 35	55.12.1316 1 p		Drehgeber magnetisch
R 183	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 264	57.60.1105 1 pc		MF, 1%, 0204, E24	0 R 345	57.69.1073 1 pce 57.69.1097 1 pce	10k	CF 5% 0603	0 S 36	55.12.1316 1 p		Drehgeber magnetisch
R 184	57.60.1153 1 pce 15k		MF, 1%, 0204, E24	0 R 265	57.60.1133 1 pc		MF, 1%, 0204, E24	0 R 346	57.69.1097 1 pce 57.69.1097 1 pce	10k	CF 5% 0603	0 S 37	55.12.1316 1 p		
R 185	57.60.1153 1 pce 15k		MF, 1%, 0204, E24	0 R 266	57.60.1222 1 pc		MF, 1%, 0204, E24								Drehgeber magnetisch
R 183	57.60.1683 1 pce 68k		MF, 1%, 0204, E24	0 R 267	57.60.1224 1 pc		MF, 1%, 0204, E24	0 R 348	57.69.1097 1 pce	10k	CF 5% 0603	0 S 38	55.12.1316 1 p		Drehgeber magnetisch
R 187	57.60.1564 1 pce 560k		MF, 1%, 0204, E24	0 R 268	57.60.1474 1 pc	470k	MF, 1%, 0204, E24	0 R 349	57.69.1097 1 pce	10k	CF 5% 0603	0 S 39	55.12.1316 1 p		Drehgeber magnetisch
R 183	57.60.1102 1 pce 1k0		MF. 1%, 0204, E24	0 R 269	57.60.1103 1 pc	10k	MF, 1%, 0204, E24	0 R 350	57.69.1097 1 pce	10k	CF 5% 0603	0 S 40	55.12.1316 1 p		Drehgeber magnetisch
R 189	57.60.1153 1 pce 15k		MF, 1%, 0204, E24	0 R 270	57.60.1222 1 pc	2k2	MF, 1%, 0204, E24	0 R 351	57.69.1097 1 pce	10k	CF 5% 0603	0 S 41	55.12.1316 1 p	e N=40	Drehgeber magnetisch
R 193	57.60.1683 1 pce 68k		ME 1% 0204 E24	0 R 271	57.60.1103 1 pc	10x	MF. 1%, 0204, E24	0 R 352	57.69.1097 1 pce	10k	CF 5% 0603	0 S 42	55.12.1316 1 p	e N=40	Drehgeber magnetisch
R 191	57.60.1153 1 pce 15k		MF, 1%, 0204, E24	0 R 272	57.60.1475 1 pc		MF, 1%, 0204, E24	0 R 353	57.69.1097 1 pce	10k	CF 5% 0603	0 S 43	55.12.1316 1 p	e N=40	Drehgeber magnetisch
	57.60.1153 Tpce 15k		MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 273	57.60.1102 1 pc		MF 1% 0204 E24	0 R 354	57.69.1097 1 pce	10k	CE 5% 0603	0 S 44	55.12.1316 1 p		Drehgeber magnetisch
R 192								0 R 355	57.69.1097 1 pce	10k	CF 5% 0603	0 S 45	55.12.1316 1 p		Drehgeber magnetisch
R 193	57.60.1564 1 pce 560k		MF, 1%, 0204, E24	0 R 274	57.60.1102 1 pc		MF, 1%, 0204, E24	0 R 356	57.69.1097 1 pce	10k	CF 5% 0603	0 S 46	55.12.1316 1 p		Drehgeber magnetisch
R 194	57.60.1104 1 pce 100k		MF, 1%, 0204, E24	0 R 275	57.60.1102 1 pc		MF, 1%, 0204, E24			1.011	01 070 0000	0 S 47			DIL-Switch piano
R 195	57.60.1104 1 pce 100k		MF, 1%, 0204, E24	0 R 276	57.60.1102 1 pc		MF, 1%, 0204, E24	0 R 357	57.69.1097 1 pce	10k	CF 5% 0603				
R 196	57.60.1564 1 pce 560k		MF, 1%, 0204, E24	0 R 277	57.60.1223 1 pc	224	MF, 1%, 0204, E24	0 R 358	57.69.1097 1 pce	10k	CF 5% 0603	0 S 48	55.60.0201 1 p	e 1*s	SMD Tactswitch
R 197	57.60.1104 1 pce 100k	1	MF, 1%, 0204, E24	0 R 278	57.60.1221 1 pc	220R	MF, 1%, 0204, E24	0 R 359	57.69.1097 1 pce	10k	CF 5% 0603	0 T4	1 000 050 00 1 0		TRAFO 13.5V
R 193	57.60.1104 1 pce 100k	,	MF, 1%, 0204, E24	0 R 279	57.60.1221 1 pc		MF. 1%, 0204, E24	0 R 360	57.69.1097 1 pce	10k	CF 5% 0603	0 T1	1.022.658.00 1 p	vc	1 RAPO 13.3V
R 199	57.60.1102 1 pce 1k0		MF. 1%, 0204, E24	0 R 280	57.69.1073 1 pc		OF 5% 0603	0 R 361	57.69.1097 1 pce	10k	CF 5% 0603	0 TP 1	54.33.6010 1 p	e 2.8*0.8	PCB-Flachstecker, gerade
R 200	not used 1 oce 8k2		MF. 1%, 0204, E24	0 R 281	57.69.1073 1 pc		CF 5% 0603 CF 5% 0603	0 R 362	57.60.1000 1 pce	0R0	MF. 0204	0 TP 2	54.33.6010 1 p		PCB-Flachstecker, gerade
			MF, 1%, 0204, E24 MF, 1%, 0204, E24					0 R 363	57.69.1073 1 pce	1k0	CF 5% 0603	0 TP3	54.33.6010 1 p		PCB-Flachstecker, gerade
R 201				0 R 282	57.69.1073 1 pc		CF 5% 0603	0 R 364		1k0	CF 5% 0603				
R 202	57.60.1271 1 oce 270F		MF, 1%, 0204, E24	0 R 283	57.60.1433 1 pc		MF, 1%, 0204, E24		57.69.1073 1 pce			0 TP 4	54.33.6010 1 p	e 2.8*0.8	PCB-Flachstecker, gerade
R 203	57.60.1821 1 pce 820F		MF, 1%, 0204, E24	0 R 284	57.60.1104 1 pc		MF, 1%, 0204, E24	0 R 365	57.69.1073 1 pce	1k0	CF 5% 0603	0 XIC 59	53.03.2284 1 p	e 84p	PLCC-Socket
R 204	57.60.1271 1 pce 270F		MF, 1%, 0204, E24	0 R 285	57.60.1000 1 pc	0R0	MF. 0204	0 R 366	57.69.1073 1 pce	1k0	CF 5% 0603				
R 205	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 286	57.60.1000 1 pcr	0R0	MF, 0204	0 R 367	57.69.1097 1 pce	10k	CF 5% 0603	1 XIC 64	53.03.2232 1 p		PLCC-Socket
R 203	57.60.1332 1 pce 3k3		MF, 1%, 0204, E24	0 R 287	57.60.1000 1 por		MF. 0204	0 R 368	57.69.1097 1 pce	10k	CF 5% 0603	0 XIC 68	53.03.2220 1 p		PLCC-Socket
R 207	57.60.1155 1 pce 1M5		MF. 1%, 0204, E24	0 R 288	57.60.1000 1 por		MF 0204	0 R 369	57.69.1097 1 pce	10k	CF 5% 0603	1 XIC 70	53.03.2232 1 p	e 32p	PLCC-Socket
R 208	57.60.1103 1 pce 10k		MF. 1%, 0204, E24	0 R 289	57.69.1097 1 pci		CF 5% 0603	0 R 370	57.69.1097 1 pce	10k	CF 5% 0603				
			MF, 1%, 0204, E24					0 R 371	57.69.1097 1 pce	10k	CF 5% 0603	0 Y1	89.01.0376 1 p		z XTAL HC 18 U
R 209	57.60.1102 1 pce 1k0			0 R 290	57.60.1000 1 pc			0 R 371				0 Y 2	89.60.1005 1 p	ce 16.000MH	z SMD Quartz
R 210	57.60.1332 1 pce 3k3		MF, 1%, 0204, E24	0 R 291	57.60.1000 1 pc		MF, 0204		57.69.1097 1 pce	10k	CF 5% 0603				
R 211	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 292	57.60.1224 1 pc	223k	MF, 1%, 0204, E24	0 R 373	57.69.1097 1 pce	10k	CF 5% 0603			End of	l ist
R 212	57.60.1155 1 pce 1M5	1	MF, 1%, 0204, E24	0 R 293	57.60.1124 1 pc	120k	MF, 1%, 0204, E24	0 R 374	57.69.1097 1 pce	10k	CF 5% 0603			Liiu oi	List
R 213	not used 1 pce 4M7	1	MF, 1%, 0204, E24	0 R 294	57.69.1097 1 pc	104	CF 5% 0603	0 R 375	57.69.1097 1 pce	10k	CF 5% 0603	Comments			
3 214	not used 1 pce 2k7		MF, 1%, 0204, E24	0 R 295	57.69.1097 1 pc	10k	CF 5% 0603	0 R 376	57.69.1097 1 pce	10k	CF 5% 0603				
R 215	57 60 1000 1 pce 0R0		MF 0204	0 R 296	.57.60.1000 1 pp		MF. 0204	0 R 377	57,69,1097 1 pce	10k	CF 5% 0603				
R 216	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 297	57.60.1000 1 pc		MF. 0204	0 R 378	57.69.1097 1 pce	10k	CF 5% 0603				
			MF, 1%, 0204, E24	0 R 298	57.69.1073 1 pc			0 R 379	57.69.1073 1 pce	1k0	CF 5% 0603				
R 217							CF 5% 0603								
R 218	57.60.1331 1 pce 330F		MF, 1%, 0204, E24	0 R 299	57.19.0330 1 pc		5%, 0207, Fuse	0 R 380	57.60.1225 1 pce	2M2	MF, 1%, 0204, E24				
R 219	57.60.1331 1 pce 330F		VIF, 1%, 0204, E24	0 R 300	57.60.1221 1 pc		MF, 1%, 0204, E24	0 R 381	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
R 220	57.60.1103 1 pce 10k		VIF, 1%, 0204, E24	0 R 301	57.60.1102 1 pc		MF, 1%, 0204, E24	0 R 382	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
R 221	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 302	57.19.0330 1 pc	337	5%, 0207, Fuse	0 R 383	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24				
R 222	57.60.1102 1 pce 1k0		VF. 1%, 0204, E24	0 R 303	57.60.1221 1 pc	220R	MF. 1%, 0204, E24	0 R 384	57.69.1097 1 pce	10k	CF 5% 0603				
R 222 R 223	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 304	57.60.1102 1 pc	1k0	MF. 1%, 0204, E24	0 R 385	57.69.1097 1 pce	10k	CF 5% 0603				
R 224	57.60.1102 1 pce 1k0		MF. 1%, 0204, E24	0 R 305	57.69.1097 1 pc		CF 5% 0603	0 R 386	57.60.1103 1 pce	10k	MF, 1%, 0204, E24				
			MF. 1%, 0204, E24	0 R 306	57.69.1097 1 pc		CF 5% 0603	0 10 300	37:00:1103 1 poe	TOK	WII , 170, 0204, C24				
R 225							CF 5% 0603	0 RA1	not used 1 pce	100k	Cermet, 10%, 0.5W, vertical				
R 226	57.60.1000 1 pce 0R0				57.69.1097 1 pc			0 RA 2	not used 1 pce	200R	Cermet, 10%, 0.5W, vertical				
R 227	57.60.1220 1 pce 22R		MF, 1%, 0204, E24	0 R 308	57.69.1097 1 pc		CF 5% 0603	0 RA3	not used 1 pce	1k	Cermet, 10%, 0.5W, vertical				
R 228	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 309	57.69.1097 1 pc		CF 5% 0603	0 1003	not used 1 pce	I.K.	Commet, 1074, 0.511, 1014041				
R 229	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 310	57.69.1097 1 pc	10k	CF 5% 0603	0 S1	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 230	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 311	57.69.1097 1 pc		CF 5% 0603	0 S2	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 231	57.60.1000 1 pce 0R0		MF. 0204	0 R 312	57,69,1097 1 pc		CF 5% 0603	0 S2	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 232	57.60.1000 1 pce 0R0		MF, 0204	0 R 313	57.69.1097 1 pc		CF 5% 0603	0 S4	55.12.1316 1 pce 55.12.1316 1 pce	N=40 N=40	Drengeber magnetisch				
				0 R 314	57.69.1097 1 pc		CF 5% 0603								
R 233	57.60.1000 1 pce 0R0		MF, 0204					0 S 5	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 234	57.60,1000 1 pce 0R0		MF, 0204	0 R 315	57.69.1097 1 pc		CF 5% 0603	0 S 6	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 235	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 316	57.69.1097 1 pc		CF 5% 0603	0 S 7	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 236	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 317	57.69.1097 1 pc		CF 5% 0603	0 S8	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 237	57.60.1470 1 pce 47R		MF, 1%, 0204, E24	0 R 318	57.69.1097 1 pc	10k	CF 5% 0603	0 S 9	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 238	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 319	57.69.1097 1 pc	10k	CF 5% 0603	0 S 10	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 239	57.60.1102 1 pce 1k0		MF. 1%, 0204, E24	0 R 320	57.69.1097 1 pc		CF 5% 0603	0 S 10	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 240	not used 1 pce 10k		MF, 1%, 0204, E24	0 R 321	57.69.1097 1 pc		CF 5% 0603			N=40 N=40					
			MF 0204, E24	0 R 321	57.69.1097 1 pc		CF 5% 0603	0 S 12	55.12.1316 1 pce		Drehgeber magnetisch				
R 241	57.60.1000 1 pce 0R0							0 S 13	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 242	57.60.1103 1 pce 10k		MF, 1%, 0204, E24	0 R 323	57.69.1097 1 pc		CF 5% 0603	0 S 14	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 243	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 324	57.60.1222 1 pc		MF, 1%, 0234, E24	0 S 15	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 244	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 325	57.60.1105 1 pc		MF, 1%, 0204, E24	0 S 16	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 245	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 326	57.60.1102 1 pc	1k0	MF, 1%, 0234, E24	0 S 17	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 246	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 327	57.69.1097 1 pc		CF 5% 0603	0 S 18	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 247	57.60.1102 1 pce 1k0		MF, 1%, 0204, E24	0 R 328	57.69.1097 1 pc		CF 5% 0603	0 S 19	55.12.1316 1 pce	N=40					
R 248	57.60.1000 1 pce OR0		MF. 0204		57.69.1097 1 pc		CF 5% 0603				Drehgeber magnetisch				
								0 S 20	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 249	57.60.1104 1 pce 100		MF, 1%, 0204, E24	0 R 330	57.69.1097 1 pc		CF 5% 0603	0 S 21	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 250	57.60.1104 1 pce 100		MF, 1%, 0204, E24	0 R 331	57.69.1073 1 pc		CF 5% 0603	0 S 22	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 251	57.60.1223 1 pce 22k		MF, 1%, 0204, E24	0 R 332	57.69.1073 1 pc	e 1k0	CF 5% 0603	0 S 23	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 252	57,60,1104 1 pce 100		MF, 1%, 0204, E24	0 R 333	57.69.1097 1 pc	10k	CF 5% 0603	0 S 24	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 253	57.60.1000 1 pge 0R0		MF. 0204	0 R 334	57.69.1097 1 pc		CF 5% 0633	0 5 2 5	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
	57.60.1000 1 pce ORC		MF 0204	0 R 334	57.69.1097 1 pci		CF 5% 0633	0 S 26		N=40 N=40					
P 254									55.12.1316 1 pce		Drehgeber magnetisch				
	57.60.1000 1 pce 0R0			0 R 336	57,69,1097 1 pc		CF 5% 0603	0 S 27	55.12.1317 1 pce	N=40	Drehgeber magnetisch, switch				
R 255			MF 0204		57,69,1097 1 pc	10k	CF 5% 0603	0 S 28	55.12.1316 1 pce	N=40	Drehgeber magnetisch				
R 255 R 256	57.60.1000 1 pce OR0			0 R 337											
R 254 R 255 R 256 R 257			MF, 0204	0 R 337	57.69.1097 1 pc		CF 5% 0603	0 S 29		N=40					
R 255 R 256	57.60.1000 1 pce OR0					10k			55.12.1316 1 pce 55.12.1316 1 pce	N=40 N=40	Drehgeber magnetisch Drehgeber magnetisch				

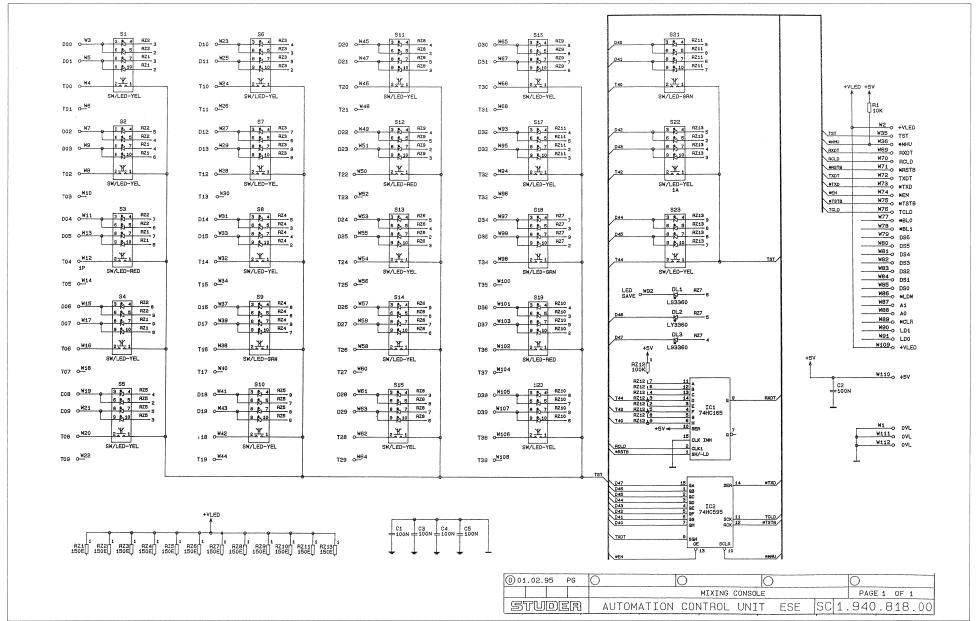


Automation Control Unit 1.940.820.00



Automation Control Unit Switch Board 1.940.818.00

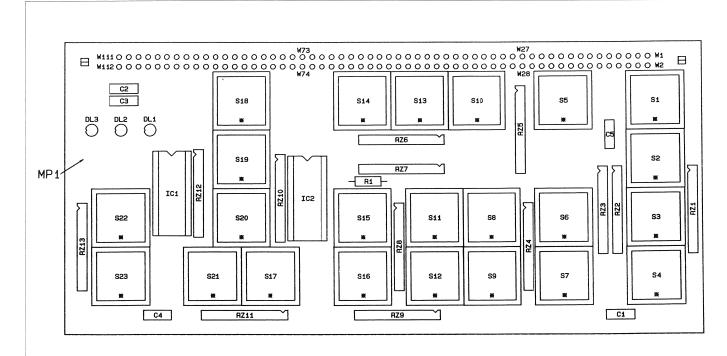


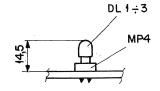


STUDER

A

Automation Control Unit Switch Board 1.940.818.00

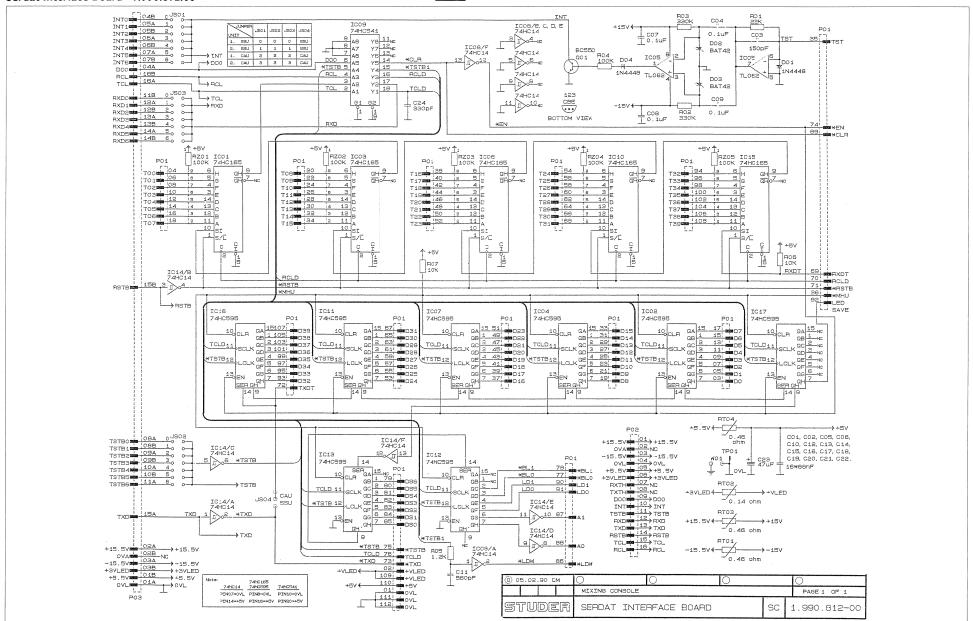




ldx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59,06.0104		100n	10%, 63V
0	C 2	59.06.0104		100n	10%, 63V
0	C3	59.06.0104		100n	10%, 63V
0	C 4	59.06.0104		100n	10%, 63V
0	C 5	59.06.0104		100n	10%, 63V
0	DL 1	50.04.2129		LS 3360	RT DIFF
0	DL 2	50.04.2130		LY 3360	GB DIFF
0	DL 3	50.04.2131		LG 3360	GN DIFF
0	IC 1	50.17.1165		74HC165	DIP16, 8 BIT SI/PO SHIFT REGIS
0	IC 2	50.17.1595		74HC595	DIP16, 8 BIT SHIFT/OUT. REGIST
0	MP 1	1.940.820.11		1 pcs	CONTROL PANEL SWITCH PC3
0	MP 2	1.940.820.04		1 pcs	NRETIKETTE 5 * 20
0	MP 3	43.01.0108		1 pcs	ESE-WARNSCHILD
0	MP 4	53.03.0218		6 pcs	SINGLE IN-LINE 1PIN=1STK
0	R 1	57.11.3103		10k	1%, 0.6W, MF
0	RZ 1	57.88.4151		150E	2%, 0.125W, SIP09, 8 * 150E
0	RZ 2	57.88.4151		150E	2%, 0.125W, SIP09, 8 150E
0	RZ3			0 not used	
0	RZ 4	57.88.4151		150E	2%, 0.125W, SIP09, 8 * 150E
0	RZ 5	57,88.4151		150E	2%, 0.125W, SIP09, 8 * 150E
0	RZ 6	57.88.4151		150E	2%, 0.125W, SIP09, 8 * 150E
0	RZ 7	57.88.4151		150E	2%, 0.125W, SIP09, 8 150E
0	RZ8			0 not used	
0	RZ9	57.88.4151		150E	2%, 0.125W, SIP09, 8 * 150E
0	RZ 10	57.88.4151		150E	2%, 0.125W, SIP09, 8 * 150E
0	RZ 11	57.88.4151		150E	2%, 0.125W, SIP09, 8 * 150E
0	RZ 12	57.88.4104		100k	2%, 0.125W, SIP09, 8 * 100K
0	RZ 13	57.88.4151		150E	2%, 0.125W, SIP09, 8 * 150E
0	S 1	55.15.0744		TASTE 1°A	2MM, GB/GB
0	S 2	55.15.0744		TASTE 1°A 1	2MM, GB/GB
0	S 3	55.15.0722		TASTE 1*A 1	2MM, RT/RT
0	S 4	55,15,0704		TASTE 1°A 1	2MM, GB/TRANS
0	S 5	55.15.0704		TASTE 1°A 1	2MM, GB/TRANS
0	S 6			0 not used	
0	S 7			0 not used	
0	S 8			0 not used	
0	S 9	55.15.0755		TASTE 1°A 1	2MM, GN/GN
0	S 10	55.15.0704		TASTE 1*A 1	2MM, GB/TRANS
0	S 11			0 not used	
0	S 12	55.15.0722		TASTE 1°A 1	
0	S 13	55.15.0704			2MM, GB/TRANS
0	S 14	55.15.0704		TASTE 1*A 1	2MM, GB/TRANS
0	S 15			0 not used	
0	S 16			0 not used	
0	S 17	55.15.0704			2MM, GB/TRANS
0	S 18	55.15.0705		TASTE 1*A 1	2MM, GN/TRANS
0	S 19	55.15.0702			2MM, RT/TRANS
0	S 20	55.15.0704		TASTE 1*A 1	2MM, GB/TRANS
0	S 21	55,15,0705			2MM, GN/TRANS
	S 22	55.15.0704		TASTE 1*A 1	2MM, GB/TRANS
0	S 23	55.15.0704			2MM, GB/TRANS

Serdat Interface Board 1.990.812.00

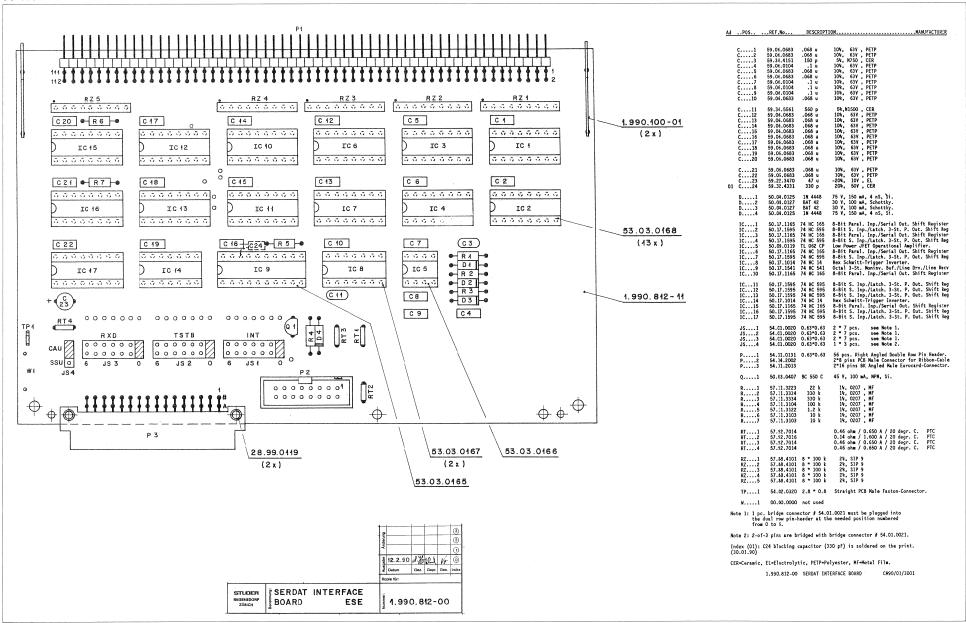




STUDER

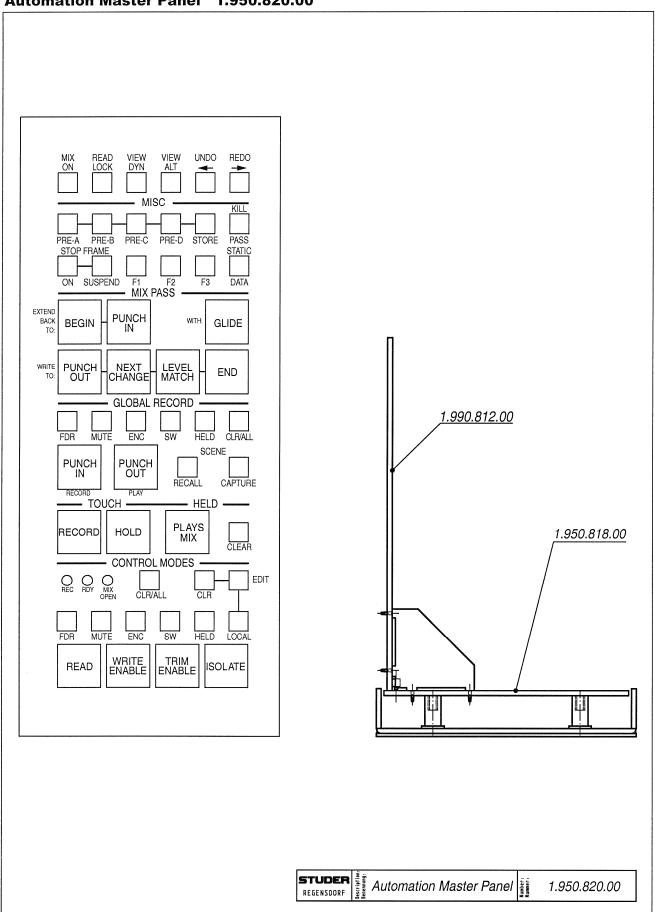


Serdat Interface Board 1.990.812.00

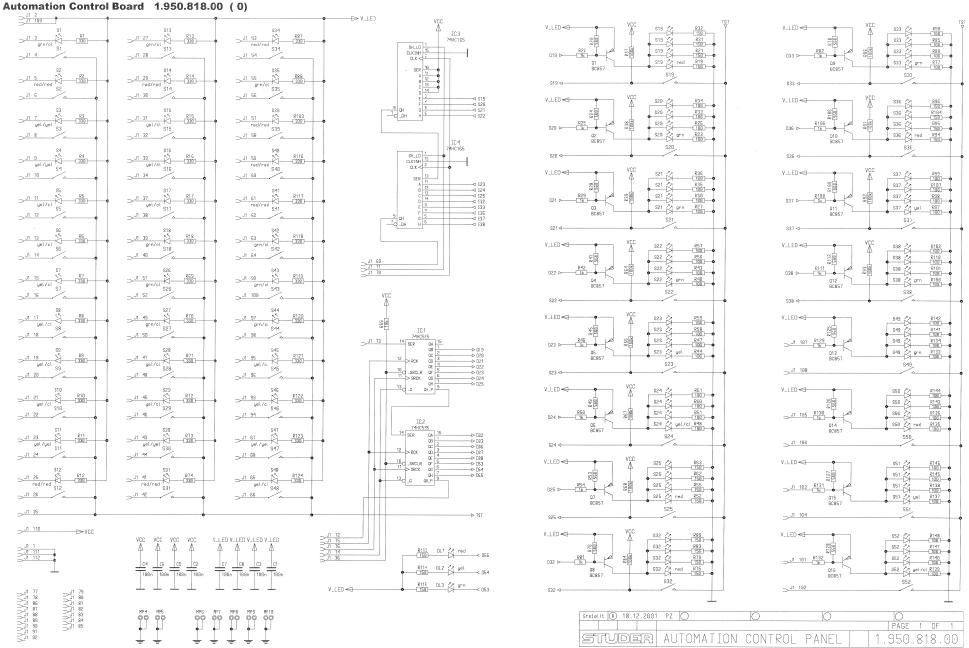




Automation Master Panel 1.950.820.00

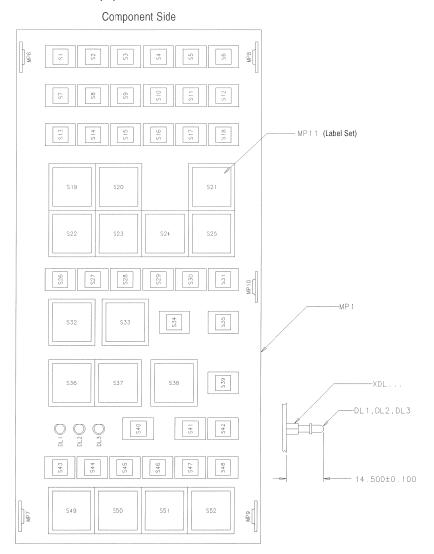


Date printed: 20.11.02 Section 5

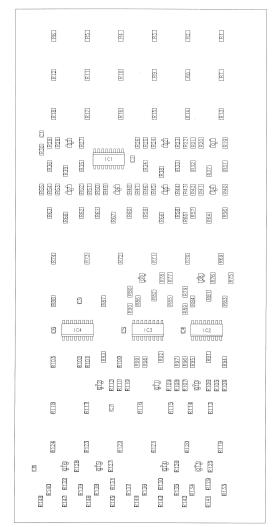




Automation Control Board 1.950.818.00 (0)



Solder Side



Accompanying documents: Zugehoerige Unterlagen:		General tolerance: Freimasstoleranz:	Scale: Massstab:	ti on gobe	18.12.2001	PZ	ML	HM	0
PL				Edit	Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer:				Page: Seite	1:	1.	7 1		
STUDER Seculification:	AUTOMATION (CONTROL PANI	EL, ESE		Number:	950	. 81	8.	00



Automation Control Board 1.950.818.00 (0)

Page: 1 of 2

											r age. r or
ldx.	Pos.	Part No. Qty.	Type/Val.	Description	ld	х. Р	os.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	c	R	₹ 48	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
	C 2	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	C	R	₹ 49	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
					C	R	₹ 50	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
	C 3	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	C		R 51	57.60.1101		100R	MF, 1%, 0204, E24
	C 4	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	c		R 52	57.60.1151		150R	MF, 1%, 0204, E24
	C 5	59.60.3337 1 pce	100n	CER 50V, 10%, X7R, 0805	Č		R 53	57.60.1561		560R	MF, 1%, 0204, E24
0	C 6	59.60.3337 1 pce	100n	CER 50V. 10%. X7R. 0805		R		57.60.1102		1k0	MF, 1%, 0204, E24
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	C		R 55	57.60.1151		150R	MF, 1%, 0204, E24
0	DL 1	50.04.2129 1 pce	LS3360	DL LS 3360, RT DIFF	C		₹ 56	57.60.1101		100R	MF, 1%, 0204, E24
	DL 2	50.04.2130 1 pce	LY3360	DL LY 3360 , GB DIFF	C		₹ 57	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	DL 3	50.04.2131 1 pce	LG3360	DL LG 3360 , GN DIFF	0	R	₹ 58	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	IC 1	50.62.1595 1 pce	74HC595	8bit shift/output register	0	R	R 59	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
	IC 2	50.62.1595 1 pce	74HC595	8bit shift/output register	0	R	R 60	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	IC 3		74HC165	8bit shift register	0	R	R 61	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
		50.62.1165 1 pce		-	0	R	₹ 62	57.60.1151	1 pce	150R	MF, 1%, 0204, E24
0	IC 4	50.62.1165 1 pce	74HC165	8bit shift register		R		57.60.1151		150R	MF, 1%, 0204, E24
	MP 1	1.950.818.11 1 pce		AUTOMATION CONTROL PCB		R		57.60.1104		100k	MF, 1%, 0204, E24
	MP 2	1.950.818.10 1 pce		NRETIKETTE 5 * 20		R		57.60.1103		10k	MF, 1%, 0204, E24
0	MP 3	43.01.0108 1 pce	Label	ESE-WARNSCHILD							
0	MP 6	1.990.100.05 1 pce		QUERPRINTHALTER		R		57.60.1104		100k	MF, 1%, 0204, E24
0	MP 7	1.990.100.05 1 pce		QUERPRINTHALTER	0		R 67	57.60.1104		100k	MF, 1%, 0204, E24
0	MP 8	1.990.100.05 1 pce		QUERPRINTHALTER	0		R 68	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
	MP 9	1.990.100.05 1 pce		QUERPRINTHALTER	0	R	R 69	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	MP 10	1.990.100.05 1 pce		QUERPRINTHALTER	0	R	₹ 70	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	MP 11	1.950.818.03 1 pce		BESCHRIFTUNGS-SET	0	R	R 71	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
			DC9E7D	PNP 45V 100mA SOT 23	0		R 72	57.60.1331		330R	MF, 1%, 0204, E24
	Q 1	50.60.1001 1 pce	BC857B		0		R 73	57.60.1331		330R	MF, 1%, 0204, E24
0	Q 2	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		R 74	57.60.1331	•	330R	MF, 1%, 0204, E24
	Q 3	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		75	57.60.1151 1		150R	MF. 1%, 0204, E24
	Q 4	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		₹76	57.60.1151			
	Q 5	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23						560R	MF, 1%, 0204, E24
0	Q 6	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		77	57.60.1101 1		100R	MF, 1%, 0204, E24
0	Q 7	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		78	57.60.1561 1		560R	MF, 1%, 0204, E24
0	Q 8	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		79	57.60.1151 1		150R	MF, 1%, 0204, E24
0	Q 9	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0	R	08 9	57.60.1101 1	1 pce	100R	MF, 1%, 0204, E24
0	Q 10	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0	R	₹ 81	57.60.1102 1	1 pce	1k0	MF, 1%, 0204, E24
0	Q 11	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0	R	82	57.60.1102 1	1 pce	1k0	MF, 1%, 0204, E24
		•			0	R	83	57.60.1151 1	1 pce	150R	MF, 1%, 0204, E24
0	Q 12	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		84	57.60.1104 1		100k	MF, 1%, 0204, E24
0	Q 13	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		85	57.60.1101 1		100R	MF, 1%, 0204, E24
0	Q 14	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		₹ 86			100k	
0	Q 15	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23				57.60.1104 1			MF, 1%, 0204, E24
0	Q 16	50.60.1001 1 pce	BC857B	PNP 45V 100mA SOT 23	0		87	57.60.1331 1		330R	MF, 1%, 0204, E24
0	R 1	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0		88	57.60.1331 1		330R	MF, 1%, 0204, E24
0	R 2	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0		89	57.60.1151 1	pce	150R	MF, 1%, 0204, E24
0	R 3	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0		90	57.60.1101 1	pce	100R	MF, 1%, 0204, E24
	R 4	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0	R	8 91	57.60.1104 1	pce	100k	MF, 1%, 0204, E24
	R 5	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0	R	92	57.60.1104 1	l pce	100k	MF, 1%, 0204, E24
	R6	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0	R	93	57.60.1104 1	l pce	100k	MF, 1%, 0204, E24
	R7				0	R	94	57.60.1151 1	pce	150R	MF, 1%, 0204, E24
		57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0		95	57.60.1151 1		150R	MF, 1%, 0204, E24
	R 8	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0			57.60.1151 1		150R	MF, 1%, 0204, E24
	R 9	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0			57.60.1101 1		100R	MF, 1%, 0204, E24
	R 10	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0			57.60.1101 1		100R	MF, 1%, 0204, E24
	R 11	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0		99	57.60.1101 1		100R	MF, 1%, 0204, E24
	R 12	57.60.1331 1 pce	330R	MF, 1%, 0204, E24							
0	R 13	57.60.1331 1 pce	330R	MF, 1%, 0204, E24			100	57.60.1101 1		100R	MF, 1%, 0204, E24
0	R 14	57.60.1331 1 pce	330R	MF, 1%, 0204, E24			101	57.60.1101 1		100R	MF, 1%, 0204, E24
0	R 15	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0		102	57.60.1101 1		100R	MF. 1%, 0204, E24
0	R 16	57.60.1331 1 pce	330R	MF, 1%, 0204, E24	0		103	57.60.1331 1		330R	MF, 1%, 0204, E24
0	R 17	57.60.1331 1 pce	330R	MF, 1%, 0204, E24			104	57.60.1151 1	pce	150R	MF, 1%, 0204, E24
	R 18	57.60.1331 1 pce	330R	MF, 1%, 0204, E24			105	57.60.1102 1	рсе	1k0	MF, 1%, 0204, E24
	R 19	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0	R	106	57.60.1561 1	рсе	560R	MF, 1%, 0204, E24
0	R 20	57.60.1561 1 pce	560R	MF, 1%, 0204, E24	0	R	107	57.60.1101 1	рсе	100R	MF, 1%, 0204, E24
0	R 21	57.60.1151 1 pce	150R	MF, 1%, 0204, E24	0	R	108	57.60.1102 1	рсе	1k0	MF, 1%, 0204, E24
0	R 22	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0	R	109	57.60.1561 1	рсе	560R	MF, 1%, 0204, E24
0	R 23	57.60.1101 1 pce	100R	MF, 1%, 0204, E24	0	R	110	57.60.1101 1		100R	MF, 1%, 0204, E24
0	R 24						111	57.60.1102 1		1k0	MF, 1%, 0204, E24
		57.60.1561 1 pce	560R	MF, 1%, 0204, E24	0		112	57.60.1561 1		560R	MF, 1%, 0204, E24
0	R 25	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	o		113	57.60.1151 1		150R	MF, 1%, 0204, E24
0	R 26	57.60.1101 1 pce	100R	MF, 1%, 0204, E24	0		114	57.60.1151 1		150R	MF, 1%, 0204, E24
	R 27	57.60.1101 1 pce	100R	MF, 1%, 0204, E24			115	57.60.1151 1		150R	MF, 1%, 0204, E24
0	R 28	57.60.1561 1 pce	560R	MF, 1%, 0204, E24	0		116	57.60.1131 1		330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	R 29	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0		1110		•		MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 30	57.60.1101 1 pce	100R	MF, 1%, 0204, E24				57.60.1331 1		330R	
0	R 31	57.60.1151 1 pce	150R	MF, 1%, 0204, E24			118	57.60.1331 1		330R	MF, 1%, 0204, E24
0	R 32	57.60.1151 1 pce	150R	MF, 1%, 0204, E24			119	57.60.1331 1		330R	MF, 1%, 0204, E24
0	R 33	57.60.1101 1 pce	100R	MF, 1%, 0204, E24			120	57.60.1331 1		330R	MF, 1%, 0204, E24
0	R 34	57.60.1101 1 pce	100R	MF, 1%, 0204, E24	0		121	57.60.1331 1		330R	MF, 1%, 0204, E24
0	R 35	57.60.1101 1 pce	100R	MF, 1%, 0204, E24			122	57.60.1331 1		330R	MF, 1%, 0204, E24
	R 36	57.60.1101 1 pce	100R	MF, 1%, 0204, E24			123	57.60.1331 1		330R	MF, 1%, 0204, E24
	R 37	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0		124	57.60.1331 1	pce	330R	MF, 1%, 0204, E24
	R 38	57.60.1104 1 pce	100k	MF, 1%, 0204, E24	0	R	125	57.60.1561 1	рсе	560R	MF, 1%, 0204, E24
	R 39	57.60.1104 1 pce	100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24			126	57.60.1561 1		560R	MF, 1%, 0204, E24
	R 40						127	57.60.1561 1		560R	MF, 1%, 0204, E24
		57.60.1101 1 pce	100R	MF, 1%, 0204, E24			128	57.60.1561 1		560R	MF, 1%, 0204, E24
0	R 41	57.60.1561 1 pce	560R	MF, 1%, 0204, E24			129	57.60.1102 1		1k0	MF, 1%, 0204, E24
	R 42	57.60.1102 1 pce	1k0	MF, 1%, 0204, E24	0		130	57.60.1102 1		1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	R 43	57.60.1101 1 pce	100R	MF, 1%, 0204, E24			131	57.60.1102 1		1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0			100R	MF, 1%, 0204, E24							WII , 170, UZUT, EZ4
0 0 0	R 44	57.60.1101 1 pce			^	D	120			11/0	ME 1% 0204 E24
0 0 0	R 44 R 45	57.60.1561 1 pce	560R	MF, 1%, 0204, E24	0		132	57.60.1102 1 57.60.1101 1		1k0	MF, 1%, 0204, E24
0 0 0 0	R 44				0	R	132 133 134	57.60.1102 1 57.60.1101 1 57.60.1101 1	pce	1k0 100R 100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24 MF, 1%, 0204, E24

Date printed: 01.11.02 Section 5



Automation Control Board 1.950.818.00 (0)

Page: 2 of 2

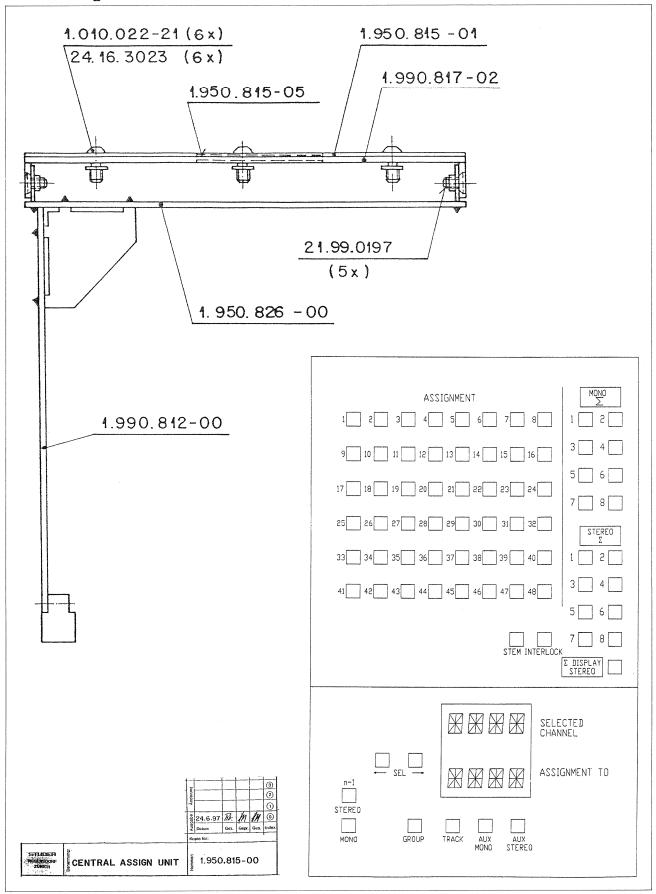
. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description
R 135	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
136	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
37	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	57.60.1101 1 pce	100R	MF, 1%, 0204, E24					
	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
	55.15.0952 1 pce	1*a	Taste, LED rot, Haube rot					
	55.15.0954 1 pce	1*a	Taste, LED gelb, Haube gelb					
	55.15.0954 1 pce	1*a	Taste, LED gelb, Haube gelb					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
l	55.15.0954 1 pce	1*a	Taste, LED gelb, Haube gelb					
	55.15.0952 1 pce	1*a	Taste, LED rot, Haube rot					
	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
4	55.15.0952 1 pce	1*a	Taste, LED rot, Haube rot					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
	55.15.0722 1 pce	1*a	Switch 12mm, red/red					
	55.15.0755 1 pce	1*a	Switch 12mm, gm/gm					
	55.15.0755 1 pce	1*a	Switch 12mm, gm/gm					
	55.15.0755 1 pce	1*a	Switch 12mm, gm/gm					
	55.15.0744 1 pce	1*a	Switch 12mm, yel/yel					
	55.15.0704 1 pce	1*a	Switch 12mm, yel/transparent					
	55.15.0722 1 pce	1*a	Switch 12mm, red/red					
	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
•	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
0	55.15.0954 1 pce	1*a	Taste, LED gelb, Haube gelb					
1	55.15.0952 1 pce	1*a	Taste, LED rot, Haube rot					
	55.15.0722 1 pce	1*a	Switch 12mm, red/red					
3	55.15.0755 1 pce	1*a	Switch 12mm, gm/gm					
ŀ	55.15.0952 1 pce	1*a	Taste, LED rot, Haube rot					
5	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
3	55.15.0722 1 pce	1*a	Switch 12mm, red/red					
7	55.15.0744 1 pce	1*a	Switch 12mm, yel/yel					
	55.15.0755 1 pce	1*a	Switch 12mm, gm/gm					
	55.15.0952 1 pce	1*a	Taste, LED rot, Haube rot					
	55.15.0952 1 pce	1*a	Taste, LED rot, Haube rot					
	55.15.0952 1 pce	1*a	Taste, LED rot, Haube rot					
	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
	55.15.0965 1 pce	1*a	Taste, LED grün, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube opak					
	55.15.0964 1 pce	1*a	Taste, LED gelb, Haube gelb					
	55.15.0954 1 pce	1*a 1*a	Taste, LED gelb, Haube gelb Taste, LED gelb, Haube opak					
3	55.15.0964 1 pce		Switch 12mm, gm/gm					
9	55.15.0755 1 pce	1*a 1*a						
0 1	55.15.0722 1 pce	1*a 1*a	Switch 12mm, red/red Switch 12mm, yel/yel					
2	55.15.0744 1 pce 55.15.0704 1 pce	1*a 1*a	Switch 12mm, yel/transparent					
1		1*a 1n	single-in-line					
	53.03.0218 2 pcs 53.03.0218 2 pcs	1p 1n	single-in-line					
		1p						
(DL 3	53.03.0218 2 pcs	1p	single-in-line					

End of List

Date printed: 01.11.02 Section 5



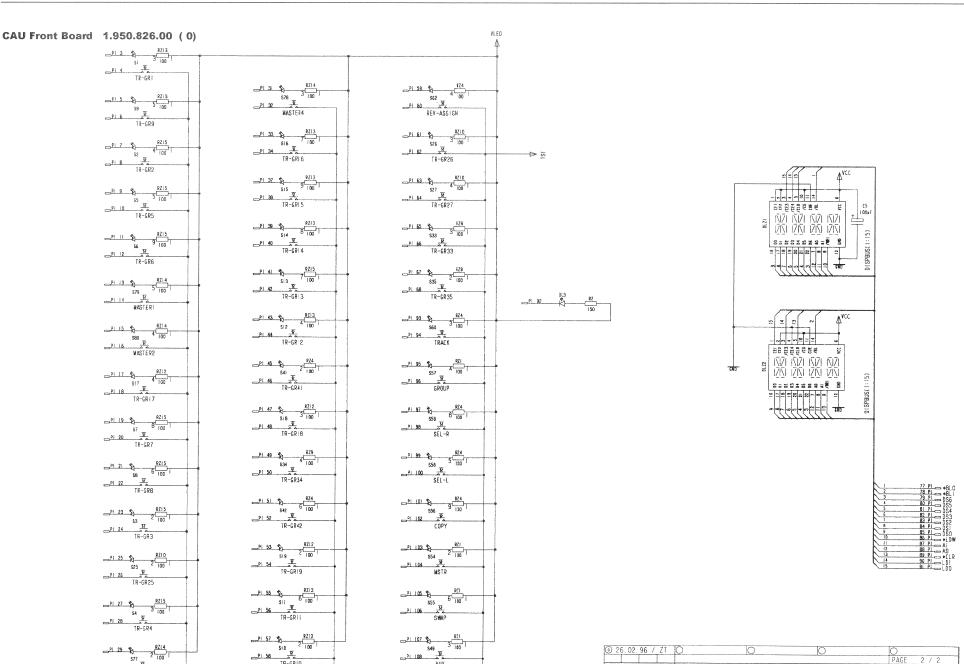
Central Assign Unit 1.950.815.00



CAU Front Board 1.950.826.00 (0) BN LD CLKINH > CLK AUX-STERED 5 100 1 \$20 S TR-GR20 *TXD 539 H TR-6839 __PL 73 SWITCH(1:40) 6 100 1 \$44 <u>\$7</u> TR-GR44 S69 SF. **v**cc **4** TR-GR22 \$36 5 TR-GR36 _Pi_74 TR-GR30 *TSTB -CI_SRCLR > SRCX *MHU PI 76 5 100 TR-6R43 SRP _PL 7I __PI 70 RCLD S67 B 3E AUX-MS3 AUX-MS7 VLED __P1_02 TR-GR23 MASTERS \$37 6 TR-GR37 \$71 TR-GR40 AUX -MSI PI 111 PL 112 -PI S50 IF CLEAR S73 F MASTER7 S65 F W AUX-WS4 7 100 \$31 7' B 100 i \$70 ■ ¥ 4 100 i 529 B TR-GR29 S48 # TR-GR48 AUX-6 RZII \$38 <u>\$</u> TR-GR38 S24 9 TR-GR24 AUX-WS5 545 7 TR-GR45 AUX-MS8 TR-GR32 GND 181 < → \$75 6 100 I S74 F WASTER5 © 26.02.96 / ZT ○ PAGE STUDER CENTRAL ASSIGN FRONT BOARD . 950, 826, 00

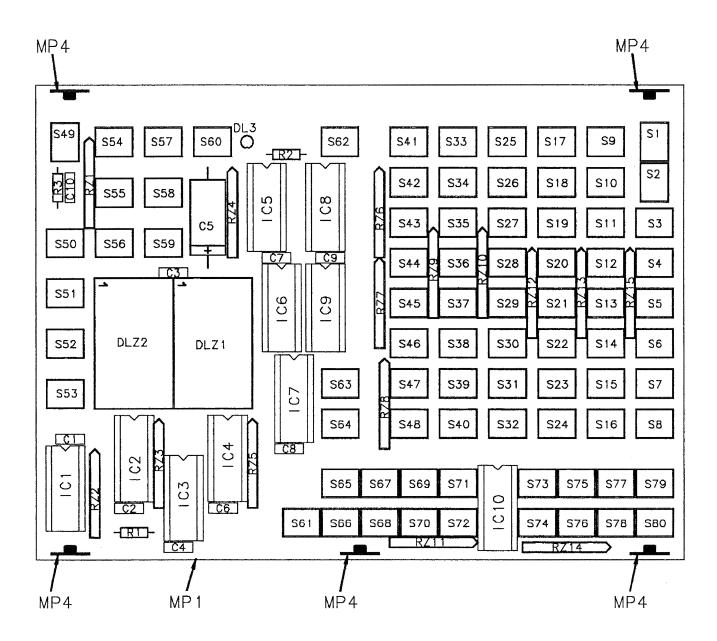


1.950.826.00



STUDER CENTRAL ASSIGN FRONT BOARD

CAU Front Board 1.950.826.00 (0)



Accompanying documents: Zugehoerige Unterlagen:	General tolerance: Freimasstoleranz:	Scale: Massstab:	5		M	0
PL	± .	•	Date Datum	Visa Checked Gez. Gepr		Index
Substitute for: Ersatz fuer:	Replaced by: Ersetzt durch:		Copy to: Kopie fuer:			
STUDER REGENSDORF CENTRAL	ASSIGN FRONT	BOARD 'ESE'	Number:: 05	50.82	6.0	0 (

Date printed: 20.11.02 Section 5

CAU Front Board 1.950.826.00 (0)

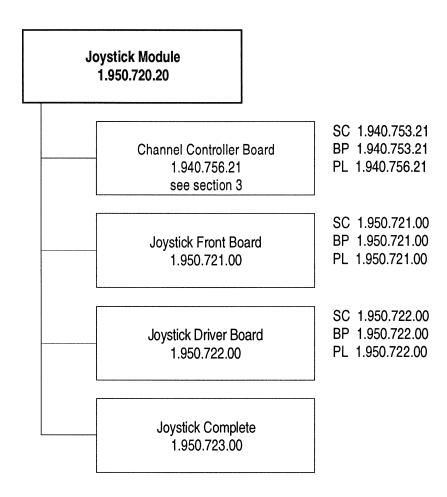
Page: 1 of 1

CAU	Front	board	1.950.826.00	(0)							Page: 1	1 01
ldx. Pos.	Part No.	Qty. Type/Val	Description		ldx	. Pos.	Part No.	Qty.	Type/Val.	Descri	ption	
0 C1	59.06.0104	100n	PETP, 63V, 10%, RM5		0	S 40	55.15.0604		1*a	Switch	5mm, yel/transparent	t
0 C2	59.06.0104	100n	PETP, 63V, 10%, RM5		0		55.15.0604		1*a	Switch	5mm, yel/transparent	
0 C3	59.06.0104	100n	PETP, 63V, 10%, RM5		0		55.15.0604		1*a	Switch	5mm, yel/transparent	
0 C4	59.06.0104	100n	PETP, 63V, 10%, RM5		0	S 43	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 C5	59.25.3101	100u	EL 16V 20% axial		0	S 44	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 C6	59.06.0104	100n	PETP, 63V, 10%, RM5		0	S 45 S 46	55.15.0604 55.15.0604		1*a 1*a	Switch Switch	5mm, yel/transparent	
0 C7	59.06.0104	100n	PETP, 63V, 10%, RM5		0	S 47	55.15.0604		1*a	Switch	5mm, yel/transparent 5mm, yel/transparent	
0 C8	59.06.0104	100n	PETP, 63V, 10%, RM5		0	S 48	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 C 9	59.06.0104	100n	PETP, 63V, 10%, RM5		0	S 49	55.15.0622		1*a	Switch	5mm, red/red	
0 C 10	59.06.0104	100n	PETP, 63V, 10%, RM5		0	S 50	55.15.0644		1*a	Switch	5mm, yel/yel	
0 DL3	not used	LS3360	DL LS 3360, RT DIFF		0	S 51	55.15.0655		1 a 1*a	Switch	5mm, gm/gm	
0 DLZ 1	73.01.0407	4charact			0	S 52	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 DLZ 2	73.01.0407	4charact			0	S 53	55.15.0605		1*a	Switch	5mm, grn/transparent	
0 IC 1	50.17.1165	74HC165			0	S 54	55.15.0622		1*a	Switch		•
0 IC 2	50.17.1165	74HC165			0	S 55	not used		1*a	Switch	5mm, yel/yel	
0 IC 3	50.17.1595	74HC595			0	S 56	not used		1*a	Switch	5mm, yel/transparent	
0 IC 4	50.17.1165	74HC165			0	S 57	not used		1*a	Switch	5mm, yel/transparent	
0 IC 5	50.17.1165	74HC165			0	S 58	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 IC 6	50.17.1165	74HC165			0	S 59	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 IC 7	50.17.1595	74HC595			0	S 60	not used		1*a	Switch	5mm, yel/transparent	
0 IC 8	50.17.1595	74HC595			0	S 61	55.15.0644		1*a	Switch	5mm, yel/yel	
0 IC 9	50.17.1595	74HC595			0	S 62	not used		1*a	Switch	5mm, red/red	
0 IC 10 0 MP 1	50.17.1595 1.990.826.11	74HC595	IC 74 HC 595 ., ,A CENTRAL ASSIGN FRONT PCB		0	S 63	55.15.0604		1*a	Switch	5mm, yel/transparent	:
					0	S 64	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 MP2	1.950.826.04	l abal	NRETIKETTE 5 * 20		0	S 65	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 MP3 0 MP4	43.01.0108	Label	ESE-WARNSCHILD QUERPRINTHALTER		0	S 66	55.15.0604		1*a	Switch	5mm, yel/transparent	
	1.990.100.05		UNTERLAGE DISPLAY		0	S 67	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 MP5 0 MP6	not used				0	S 68	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 MP6	not used not used		single-in-line Pin 2reihig winkel		0	S 69	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 P1	57.11.3103	2p 10k	Pin, 2reihig, winkel MF, 1%, 0207		0	S 70	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 R1	57.11.3151	150R	MF, 1%, 0207		0	S 71	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 R2	57.11.3105	1M0	MF, 1%, 0207		0	S 72	55.15.0604		1*a	Switch	5mm, yel/transparent	
					0	S 73	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 RZ1 0 RZ2	57.88.4101 57.88.4104	100R 100k	8*R Resistor-Netw 2% SIP9 8*R Resistor-Netw 2% SIP9		0	S 74	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 RZ 3	57.88.4104	100k	8*R Resistor-Netw 2% SIP9		0	S 75	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 RZ 4	57.88.4101	100R	8*R Resistor-Netw 2% SIP9		0	S 76	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 RZ 5	57.88.4104	100k	8*R Resistor-Netw 2% SIP9		0	S 77	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 RZ 6	57.88.4104	100k	8*R Resistor-Netw 2% SIP9		0	S 78	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 RZ7	57.88.4104	100k	8*R Resistor-Netw 2% SIP9		0	S 79	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 RZ 8	57.88.4101	100R	8*R Resistor-Netw 2% SIP9		0	S 80	55.15.0604		1*a	Switch	5mm, yel/transparent	
0 RZ 9	57.88.4101	100R	8*R Resistor-Netw 2% SIP9									
0 RZ 10	57.88.4101	100R	8*R Resistor-Netw 2% SIP9		-				End of Li	ot		
0 RZ 11	57.88.4101	100R	8*R Resistor-Netw 2% SIP9						Ella of Li	51		
0 RZ 12	57.88.4101	100R	8*R Resistor-Netw 2% SIP9									
0 RZ 13	57.88.4101	100R	8*R Resistor-Netw 2% SIP9									
0 RZ 14	57.88.4101	100R	8*R Resistor-Netw 2% SIP9									
0 RZ 15	57.88.4101	100R	8*R Resistor-Netw 2% SIP9									
0 S1	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S2	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S3	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S4	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 5	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 6	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S7	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S8	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 9	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 10	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 11	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 12	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 13	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 814	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 15	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 16	55.15.0604 55.15.0604	1*a	Switch 5mm, yel/transparent Switch 5mm, yel/transparent									
0 S 17 0 S 18	55.15.0604 55.15.0604	1*a 1*a	Switch 5mm, yel/transparent Switch 5mm, yel/transparent									
0 S 10	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 20	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 21	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 22	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 23	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 24	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 25	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 26	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 27	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 28	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 29	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 30	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 31	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 32	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 33	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 34	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 35	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 36	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 37	55.15.0604	1*a	Switch 5mm, yel/transparent									
	55.15.0604	1*a	Switch 5mm, yel/transparent									
0 S 38	33.13.0004	,	orman orman, journamoparom									

Date printed: 20.11.02 Section 5

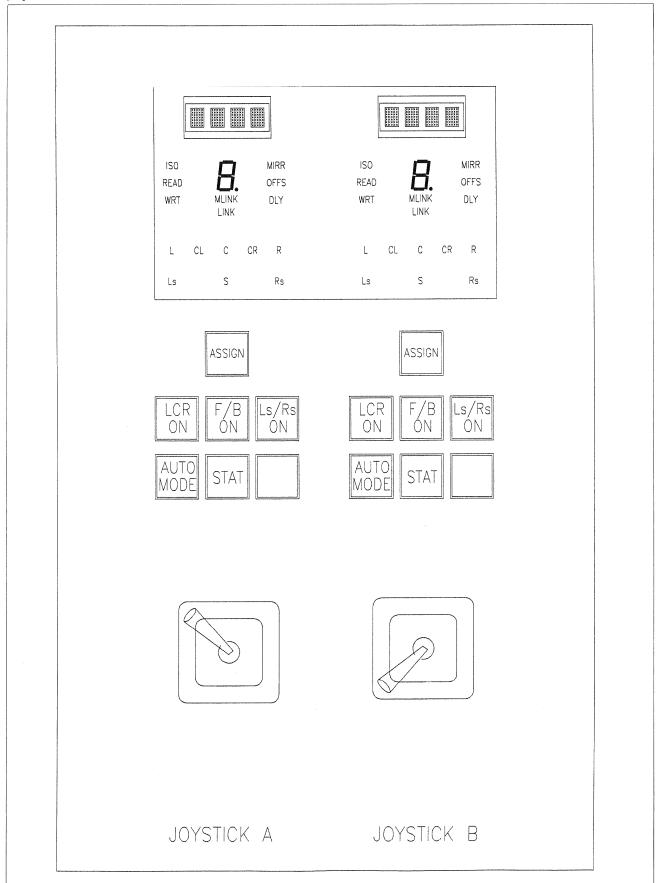
Joystick Module

1.950.720.20



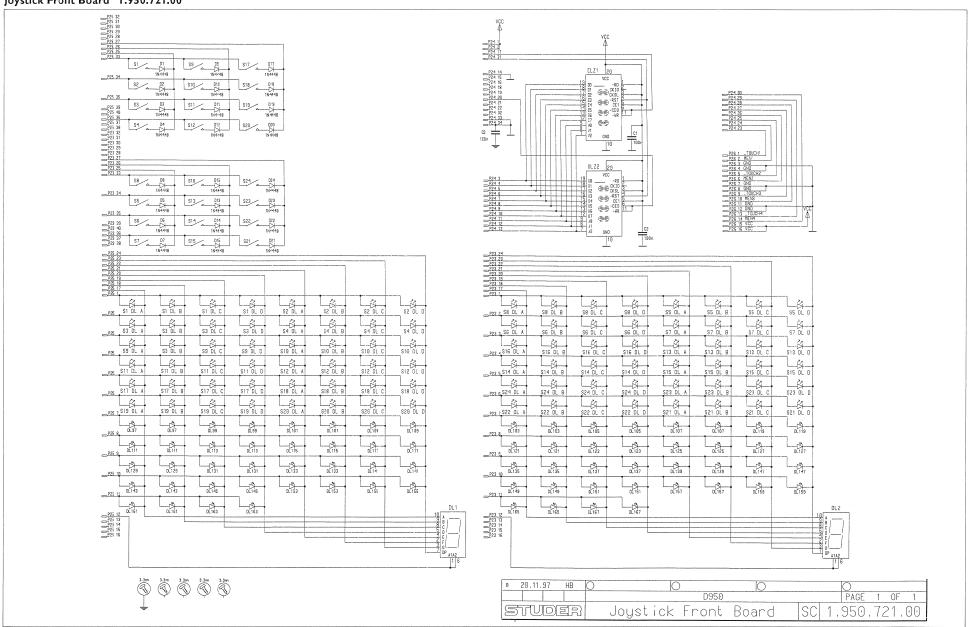


Joysticks Module 1.950.720.20

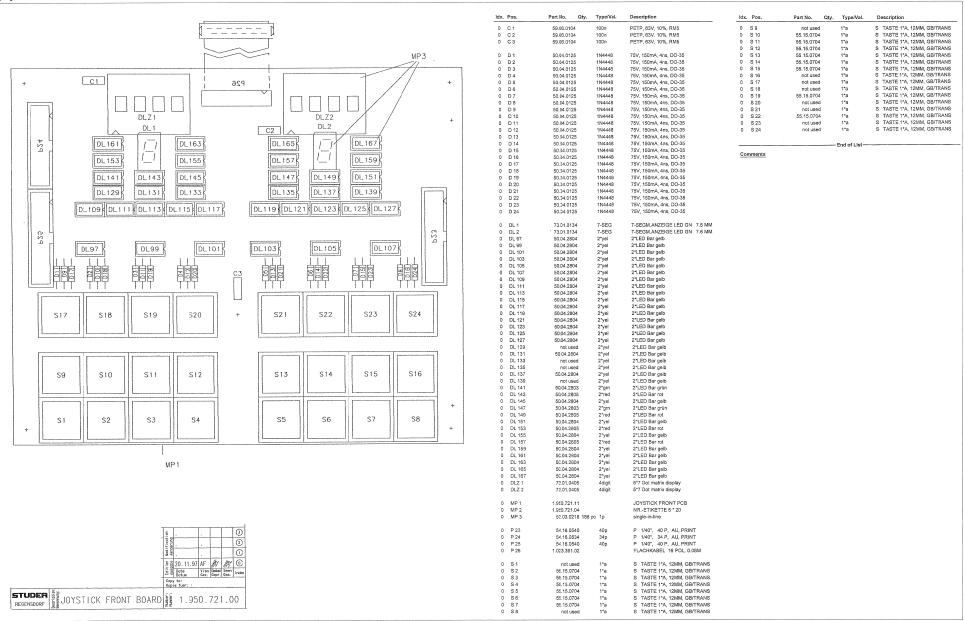


Joysticks Module 1.950.720.20 Modification 1 - 1.010.146.27 oder 27.10.0330 (4x) 1.950.722.00 1.950.720.01 1A -1..950.720.03 — 0 Ohm 210€ 1.010.028.27 oder 27.10.1340 (4x) 2a 0 Ohm 21B 1 kOhm 26B 1 kOhm 27B 1 kOhm 28B 1 kOhm 29B 1 kOhm 0 0 1.950.720.02 - 1.950.721.00 218**G-C** 1.023.388.22 0 -5x 1K Ohm -21.53.9354 — (13x)0 1.023.404.03 1.023.423.04-1.940.756.21-1.023.424.03-- 21.53.2357 (4x) ① 1.950.940.21 /C 5 (Byte O/LSB) /C 2 (Byte 1/MSB) \circ 0 M Pies 1.910.142.00 1.950.723.00-(2x) 1.010.022.21 (4x) 0 0 24.16.3023 ⁻ (4x) STUDER Joystick Module "ESE" 1.950.720.20 REGENSDORF

Joystick Front Board 1.950.721.00

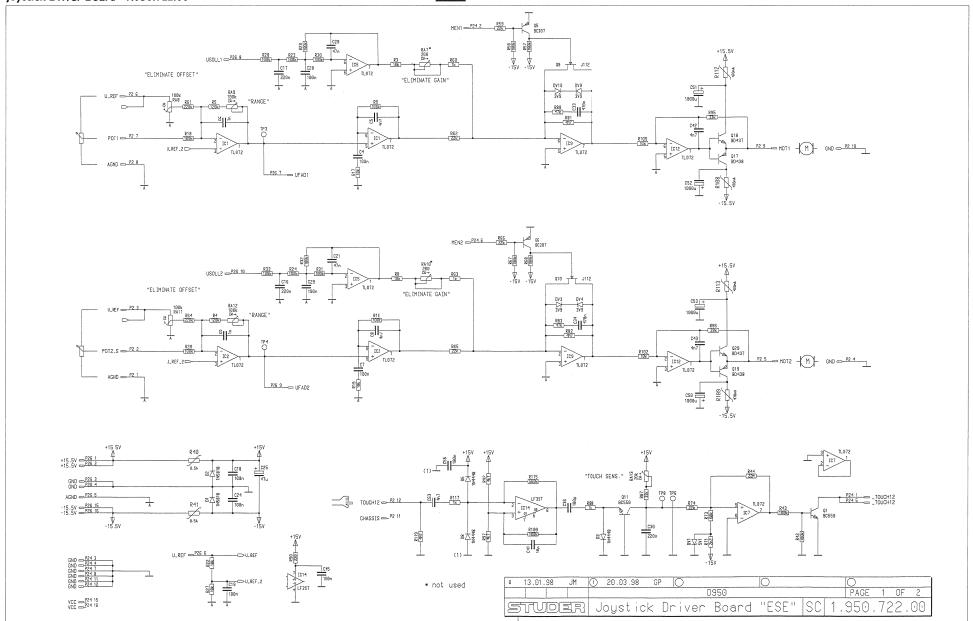


Joystick Front Board 1.950.721.00



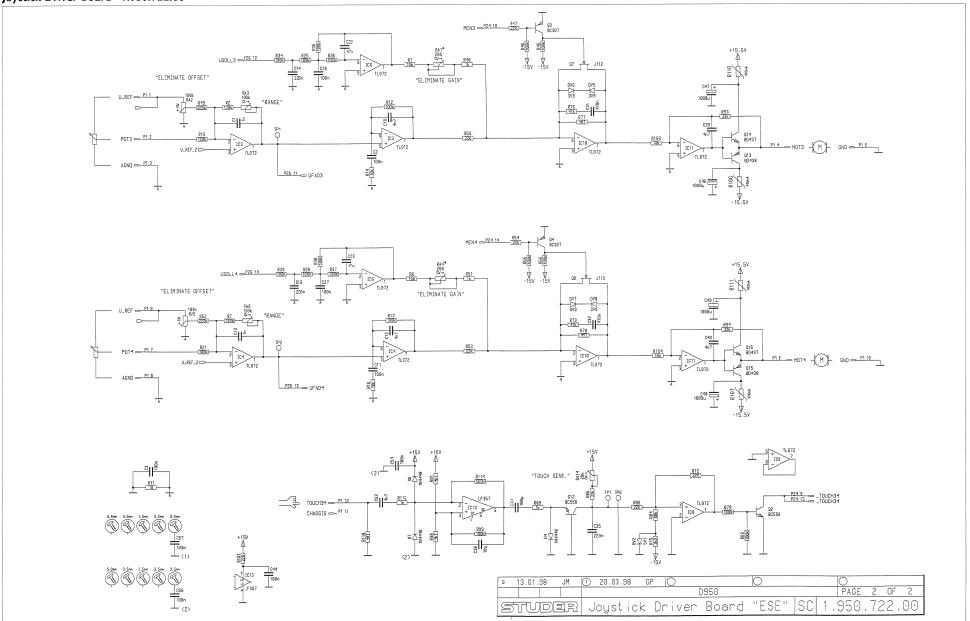
Joystick Driver Board 1.950.722.00





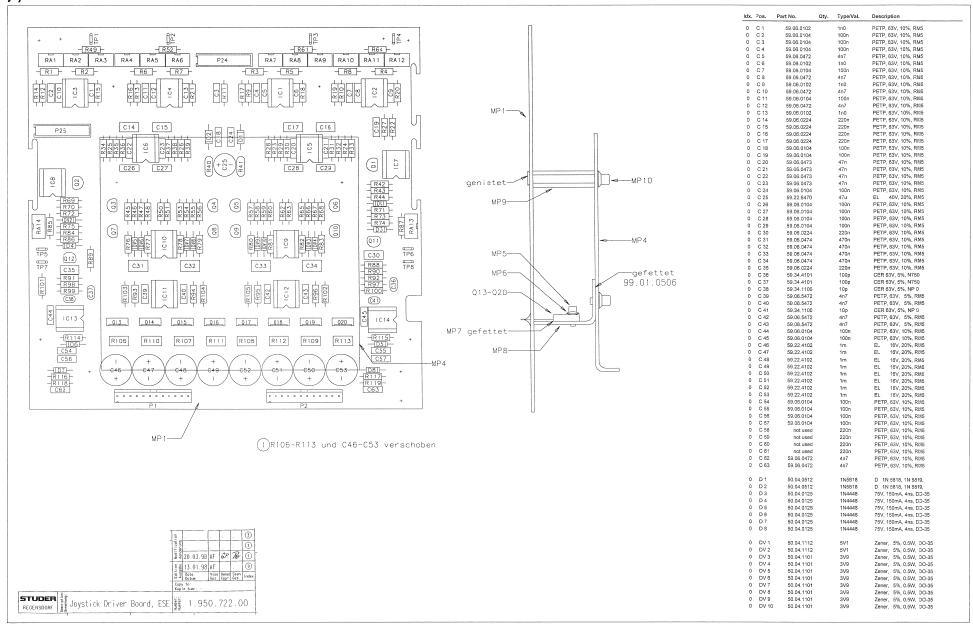


Joystick Driver Board 1.950.722.00



loystick Driver Board 1.950.722.00





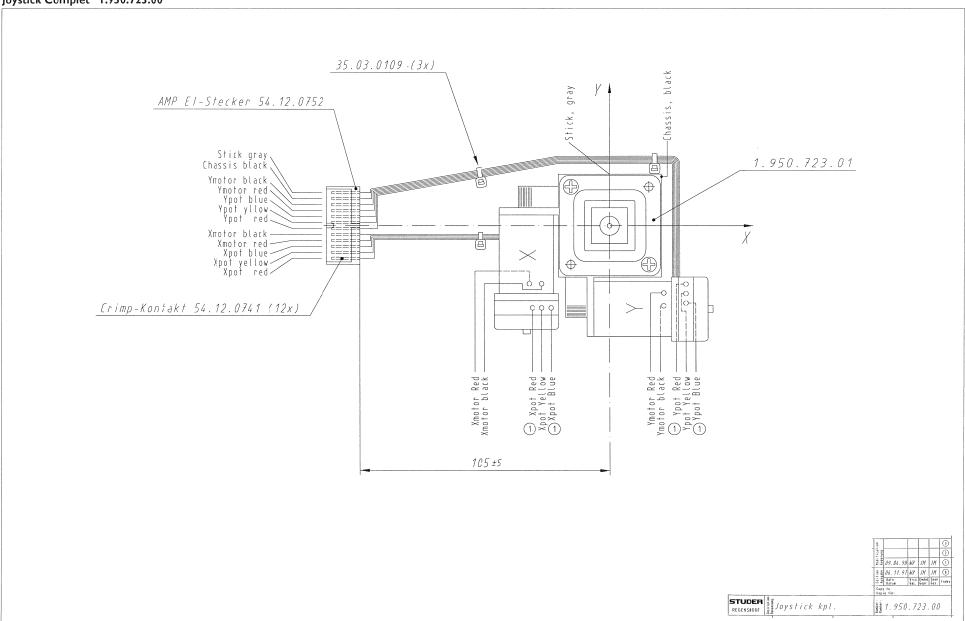
STUDER



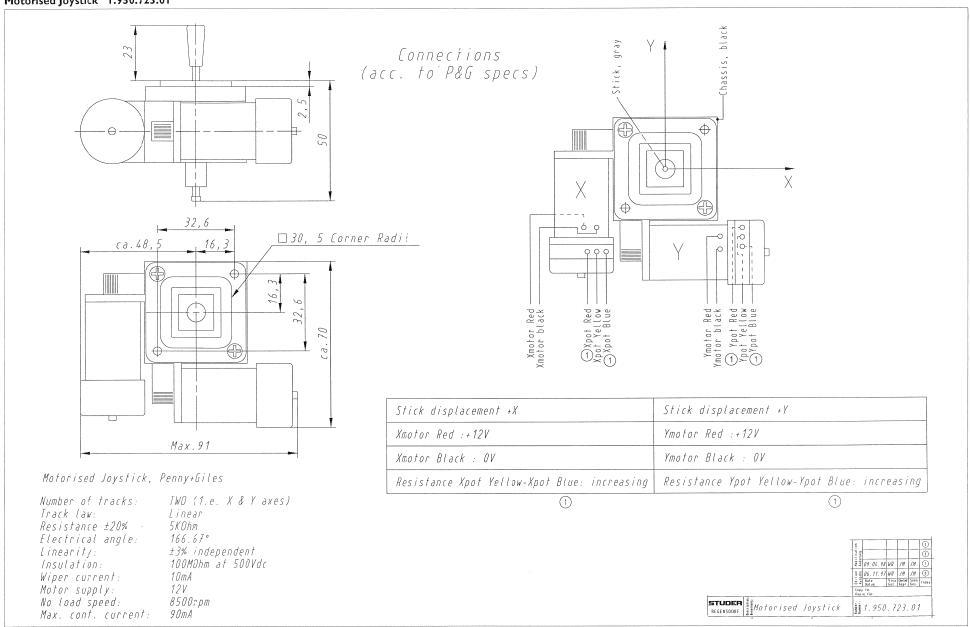
Joystick Driver Board 1.950.722.00

ldx. Pos. Part No. Qty. Type/Val.	Description idx.	. Pos. I	Part No. Q	ty. Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type	e/Val. Description
		R 33	57.11.3104	100k	MF. 1% 0207		57.11.3102	1k0	ME 1% 0207
		R 34	57.11.3104	100k 100k	MF, 1%, 0207 MF, 1%, 0207	0 R 117 0 R 118	57.11.3102 57.11.5475	1KU 4M7	MF, 5%, 0207
		R 35	57.11.3104	100k	MF. 1%, 0207	0 R 119	57.11.5475	4M7	MF. 5%, 0207
		R 36	57.11.3104	100k	MF. 1%, 0207	0 R 120	not used	1R0	MF, 1%, 0207
		R 37	57.11.3104	100k	MF, 1%, 0207	0 R 121	not used	1R0	MF, 1%, 0207
		R 38	57.11.3104	100k	MF, 1%, 0207	0 R 122	not used	1R0	MF, 1%, 0207
		R 39	57.11.3104	100k	MF, 1%, 0207	0 R 123	not used	1R0	MF, 1%, 0207
		R 40	57.92.7013	0.5A	POLY- PTC, 60V				
		R 41 R 42	57.92.7013	0.5A	POLY- PTC, 60V	0 RA1	not used	200R	Cermet, 10%, 0.5W, vertical Cermet, 10%, 0.5W, vertical
		R 42	57.11.3104 57.11.3104	100k 100k	MF, 1%, 0207 MF, 1%, 0207	0 RA2	58.01.9104 58.01.9104	100k 100k	Cermet, 10%, 0.5W, vertical Cermet, 10%, 0.5W, vertical
		R 44	57.11.3104 57.11.6226	100K	MF, 1%, U2U7 MF 10% 0207	0 RA3 0 RA4	58.01.9104 not used	200R	Cermet, 10%, 0.5W, vertical
		R 45	57.11.3104	100k	MF, 1%, 0207	0 RA5	58.01.9104	100k	Cermet, 10%, 0.5W, vertical
		R 46	57.11.3104	100k	MF. 1%, 0207	0 RA6	58 01 9104	100k	Cermet, 10%, 0.5W, vertical
		R 47	57.11.3223	22k	MF, 1%, 0207	0 RA7	not used	200R	Cermet, 10%, 0.5W, vertical
		R 48	57.11.3102	1k0	MF, 1%, 0207	0 RA8	58.01.9104	100k	Cermet, 10%, 0.5W, vertical
		R 49	57.11.3224	220k	MF, 1%, 0207	0 RA9	58.01.9104	100k	Cermet, 10%, 0.5W, vertical
		R 50	57.11.3223	22k	MF, 1%, 0207	0 RA 10	not used	200R	Cermet, 10%, 0.5W, vertical
		R 51	57.11.3102	1k0	MF, 1%, 0207	0 RA 11	58.01.9104	100k	Cermet, 10%, 0.5W, vertical
		R 52	57.11.3224	220k	MF, 1%, 0207	0 RA 12	58.01.9104	100k	Cermet, 10%, 0.5W, vertical
		R 53	57.11.3223	22k	MF, 1%, 0207	0 RA 13	58.01.9203	20k 20k	Cermet, 10%, 0.5W, vertical Cermet, 10%, 0.5W, vertical
		R 54	57.11.3223	22k	MF, 1%, 0207	0 RA 14	58.01.9203	20k	Cermet, 10%, 0.5vv, vertical
MP 9 1.010.022.22.2 pcs N		R 55 R 56	57.11.3104 57.11.3104	100k 100k	MF, 1%, 0207 MF, 1%, 0207	0 TP 1	54 02 0320	10	Flatoin, 2.8*0.8mm
		R 56 R 57	57.11.3104 57.11.3104	100k 100k	MF, 1%, 0207 MF, 1%, 0207	0 IP1 0 TP2	54.02.0320	1p 1p	Flatpin, 2.8*0.8mm
Endedon o poor me o		R 58	57.11.3104	100k	MF, 1%, 0207 MF, 1%, 0207	0 TP3	54.02.0320	1p	Flatpin, 2.8*0.8mm
P1 54.12.0712 12p S		R 59	57.11.3223	22k	MF, 1%, 0207 MF, 1%, 0207	0 TP4	54.02.0320	1p	Flatpin, 2.8*0.8mm
P 2 54.12.0712 12p S	Stecker gerade PCB 0	R 60	57.11.3102	1k0	MF, 1%, 0207	0 TP 5	54.02.0320	1p	Flatpin, 2.8*0.8mm
P 24 54.14.5516 16p F	PCB-Buchse gerade 1	R 61	57.11.3224	220k	MF, 1%, 0207	0 TP 6	54.02.0320	1p	Flatpin, 2.8*0.8mm
P 26 54.14.5516 16p F		R 62	57.11.3223	22k	MF, 1%, 0207	0 TP 7	54.02.0320	1p	Flatpin, 2.8*0.8mm
		R 63	57.11.3102	1k0	MF, 1%, 0207	0 TP 8	54.02.0320	1p	Flatpin, 2.8*0.8mm
00.00.0407		R 64	57.11.3224	220k	MF, 1%, 0207				
		R 65	57.11.3223	22k	MF, 1%, 0207	0 XIC 1	53.03.0166	8p	DIL 0.3", löt, gerade
		R 66	57.11.3223	22k	MF, 1%, 0207	0 XIC 2	53.03.0166 53.03.0166	8p	DIL 0.3", löt, gerade
		R 67	57.11.3104	100k	MF, 1%, 0207	0 XIC 3	53.03.0166 53.03.0166	8p 8p	DIL 0.3", löt, gerade DIL 0.3", löt, gerade
		R 68 R 69	57.11.3104 57.11.3104	100k 100k	MF, 1%, 0207 MF, 1%, 0207	0 XIC 4	53.03.0166	8p	DIL 0.3", lot, gerade DIL 0.3", löt, gerade
		R 70	57.11.3104	100k	MF, 1%, 0207	0 XIC6	53.03.0166	8p	DIL 0.3", löt, gerade
		R 71	57.11.3222	2k2	MF, 1%, 0207	0 XIC7	53.03.0166	8p	DIL 0.3", iôt, gerade
		R 72	57 11 6226	22M	MF. 10%, 0207	0 XIC8	53.03.0166	8p	DIL 0.3", löt, gerade
		R 73	57.11.3683	68k	MF. 1%, 0207	0 XIC 9	53.03.0166	8p	DIL 0.3", löt, gerade
		R 74	57.11.3223	22k	MF, 1%, 0207	0 XIC 10	53.03.0166	8p	DIL 0.3", löt, gerade
	BC 550 C 0	R 75	57.11.3222	2k2	MF, 1%, 0207	0 XIC 11	53.03.0166	8p	DIL 0.3", löt, gerade
		R 76	57.11.3473	47k	MF, 1%, 0207	0 XIC 12	53.03.0163	8p	DIL 0.3", löt, gerade
		R 77	57.11.5475	4M7	MF, 5%, 0207	0 XIC 13	53.03.0163	8p	DIL 0.3", löt, gerade
		R 78	57.11.5475	4M7	MF, 5%, 0207	0 XIC 14	53.03.0163	8p	DIL 0.3", löt, gerade
		R 79	57.11.3473	47k	MF, 1%, 0207				
		R 80 R 81	57.11.3473 57.11.5475	47k	MF, 1%, 0207			End o	of List
		R 81 R 82	57.11.5475 57.11.5475	4M7 4M7	MF, 5%, 0207 MF, 5%, 0207	Comments			
		R 82	57.11.5475 57.11.3473	4M7 47k	MF, 5%, 0207 MF, 1%, 0207	(1) 20.03.98	PCB has been improv		
20101010	· ·	R 84	57.11.3683	68k	MF, 1%, 0207		Component has been R49,R52,R61,R64 ne		
	MF, 1%, 0207 0	R 85	57.11.3333	33k	MF, 1%, 0207		49,R52,R61,R54 ne 877,R78,R81,R32 ne	4M7	
R 2 57.11.3124 120k f	MF, 1%, 0207 0	R 86	57.11.3223	22k	MF, 1%, 0207	i	component removed:		
	MF, 1%, 0207	R 87	57.11.3333	33k	MF, 1%, 0207	!	R120,R121,R122,R12	3	
	MF, 1%, 0207	R 88	57.11.5475	4M7	MF, 5%, 0207	•	C58,C59,C60,C61		
		R 89	57.11.3102	1k0	MF, 1%, 0207				
R 6 57.11.3103 10k		R 90	57.11.3221	220R	MF, 1%, 0207				
R 7 57.11.3124 120k R 8 57.11.3103 10k		R 91	57.11.3472	4k7	MF, 1%, 0207				
R8 57.11.3103 10k R9 57.11.3104 100k		R 92	57.11.3472	4k7	MF, 1%, 0207				
R 10 57.11.3104 100k		R 93	57.11.3333	33k	MF, 1%, 0207				
R 10 57.11.3104 100K R 11 57.11.3100 10R		R 94	57.11.3333	33k	MF, 1%, 0207				
R 12 57.11.3104 100k		R 95 R 96	57.11.3333 57.11.3333	33k 33k	MF, 1%, 0207				
R 13 57.11.3104 100k		R 96	57.11.3333 57.11.3472	33k 4k7	MF, 1%, 0207 MF, 1%, 0207				
R 14 57.11.3103 10k		R 97	57.11.3472 57.11.3472	4k7 4k7	MF, 1%, 0207 MF, 1%, 0207				
) R 15 57.11.3104 100k	,	R 99	57.11.3472 57.11.3104	4K/ 100k	MF, 1%, 0207 MF, 1%, 0207				
0 R 16 57.11.3103 10k		R 100	57.11.3104	100k	MF, 1%, 0207				
0 R 17 57.11.3103 10k	MF, 1%, 0207 0	R 101	57.11.3221	220R	MF, 1%, 0207				
0 R 18 57.11.3104 100k	MF, 1%, 0207	R 102	57.11.3103	10k	MF, 1%, 0207				
D R 19 57.11.3103 10k	MF, 1%, 0207	R 103	57.11.3103	10k	MF, 1%, 0207				
0 R 20 57.11.3104 100k	MF, 1%, 0207	R 104	57.11.3103	10k	MF, 1%, 0207				
0 R 21 57.11.3104 100k		R 105	57.11.3103	10k	MF, 1%, 0207				
0 R 22 57.11.3103 10k		R 106	57.92.1391	470mA	PTC, 30V, 2.5 Ohm				
0 R 23 57.11.3104 100k		R 107	57.92,1391	470mA	PTC, 30V, 2.5 Ohm				
0 R 24 57.11.3104 100k 0 R 25 57.11.3104 100k		R 108	57.92.1391	470mA	PTC, 30V, 2.5 Ohm				
	,,,	R 109	57.92.1391	470mA	PTC, 30V, 2.5 Ohm				
0 R 26 57.11.3104 100k 0 R 27 57.11.3103 10k		R 110	57.92.1391	470mA	PTC, 30V, 2.5 Ohm				
0 R 27 57.11.3103 10k 0 R 28 57.11.3104 100k		R 111	57.92.1391	470mA	PTC, 30V, 2.5 Ohm				
0 R 28 57.11.3104 100K 0 R 29 57.11.3104 100k		R 112	57.92.1391	470mA 470mA	PTC, 30V, 2.5 Ohm PTC, 30V, 2.5 Ohm				
0 R 30 57.11.3104 100k	m,, esc.	R 113	57.92.1391						
		Data	67 11 2687	EGOL	ME 49/ 0207				
01.71.0104	NF, 1%, 0207	R 114	57.11.3564 67.11.3564	560k	MF, 1%, 0207				
0 R 31 57.11.3104 100k 0 R 32 57.11.3104 100k	NF, 1%, 0207 0 NF, 1%, 0207 0	R 114 R 115 R 116	57.11.3564 57.11.3564 57.11.3102	560k 560k 1k0	MF, 1%, 0207 MF, 1%, 0207 MF, 1%, 0207				

Joystick Complet 1.950.723.00

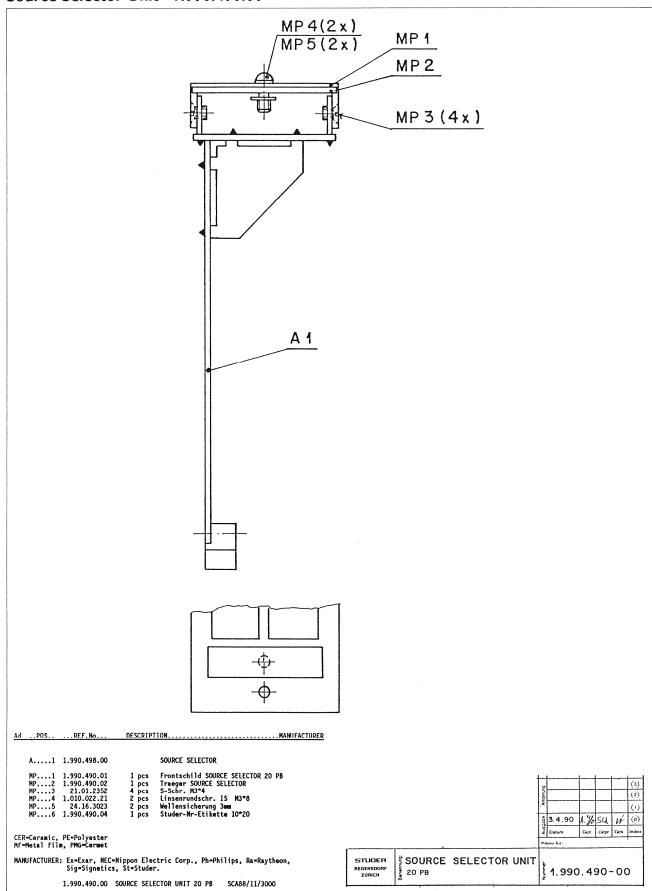


Motorised Joystick 1.950.723.01





Source Selector Unit 1.990.490.00



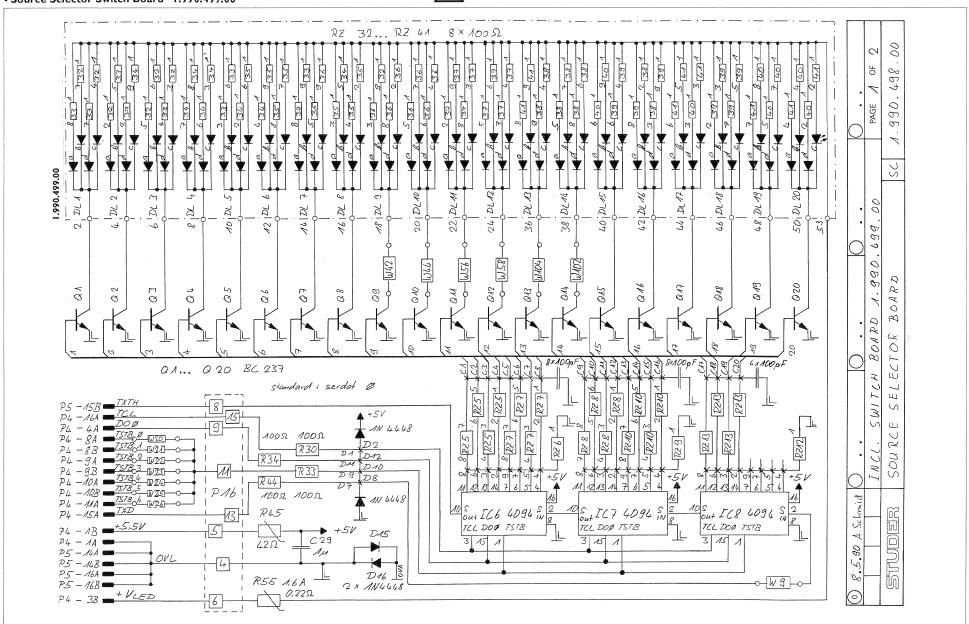


Master Menu Selector 1.990.490.00 Bank Selector 1.990.490.00 Central Facility Unit 1.990.490.00

INP CH INP CH OUT BANK INPUT IN1 IN5 L1 n-1GRP CH GRP CH ALL L2 BANK ΕQ IN1 IN₂ FILTER MON CH MON CH EXP/ SWAP BANK LIM/ BUS TRK L1/L2 COMP GATE FADERSWAP FADERSWAP STO USER BANK AUX2 INS DELAY AUX1 MONO MONO FADERSWAP FADERSWAP BANK MONO RCL AUX4 USER AUX3 **USER** 5 AUX MONO MONO FADERSWAP FADERSWAP SNAP PROT ST AUX PAN AUX2 AUX1 INP STEREO STEREO FADERSWAP FADERSWAP PAGE IPL PAGE LINK AUX4 AUX3 EQ **EDIT** STEREO STEREO PAGE 3 COPY PAGE İNŠ FADERS 1ms METER LACP AUTO KEY VU VALUE RESET 10 SWAP IPI LINK GRM DYN ACC CH BANK MENL

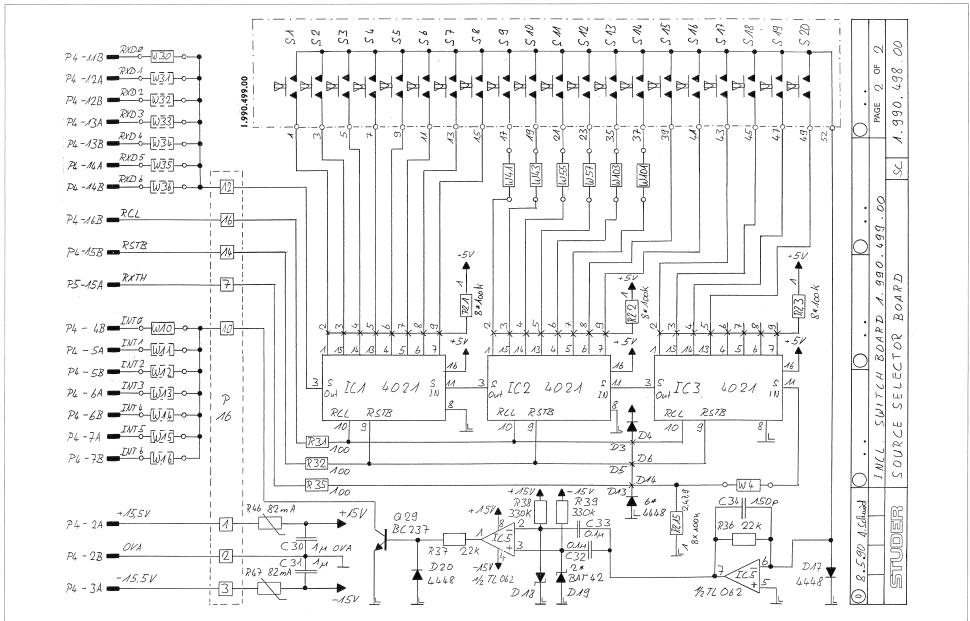
Source Selector Board 1.990.498.00 - Source Selector Switch Board 1.990.499.00





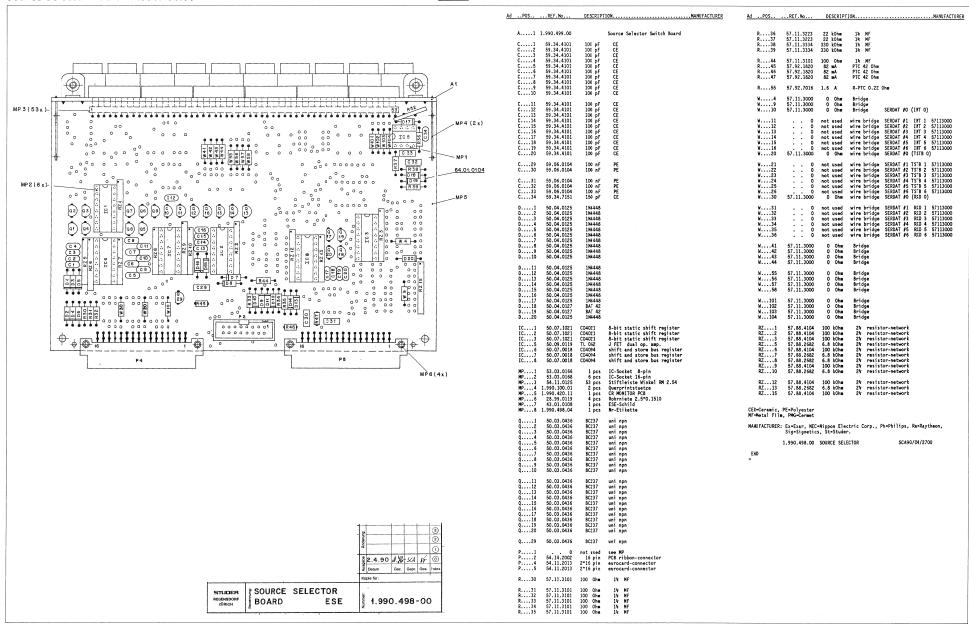
Source Selector Board 1.990.498.00
- Source Selector Switch Board 1.990.499.00





Source Selector Board 1.990.498.00

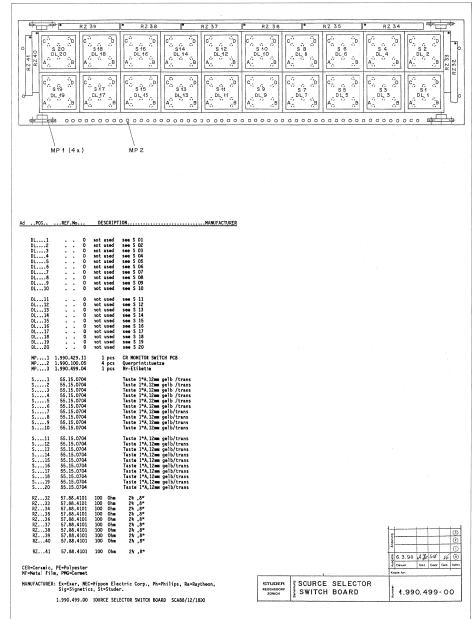




D950 Mixing Console STUDER



Source Selector Switch Board 1.990.499.00



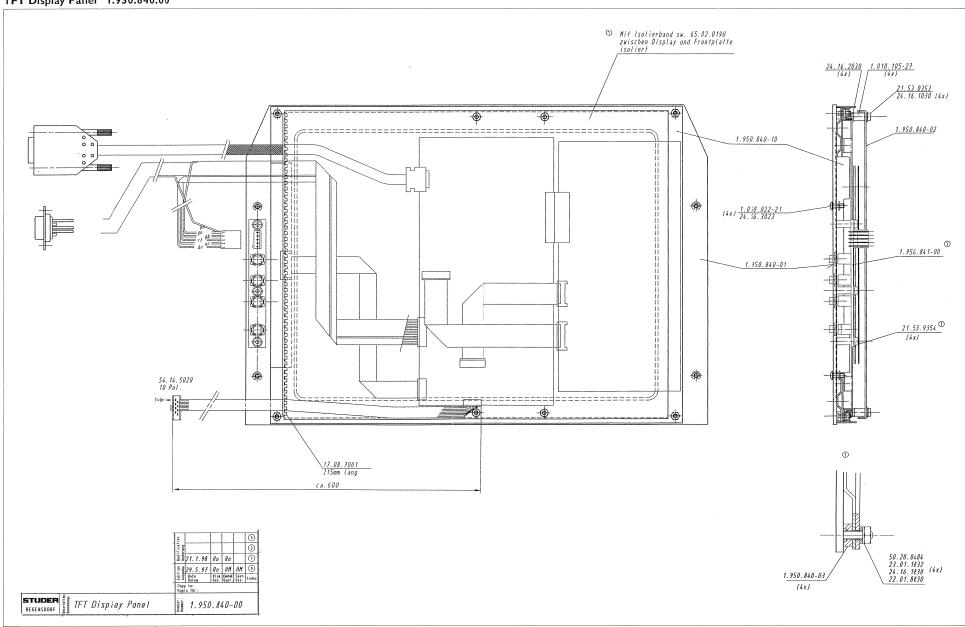
SECTION 5



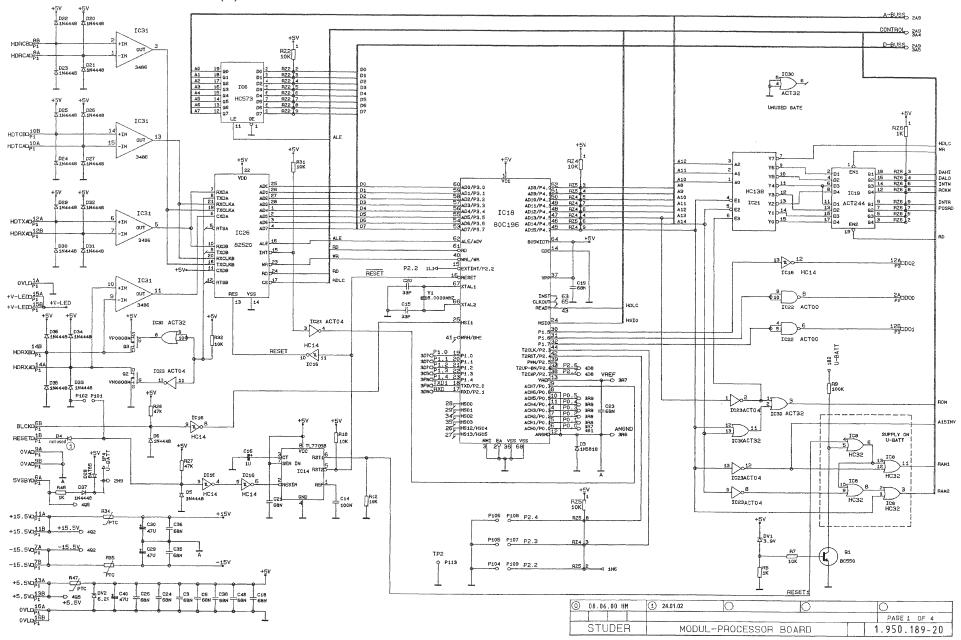
Function Keyboard and Trackball 1.950.731.20

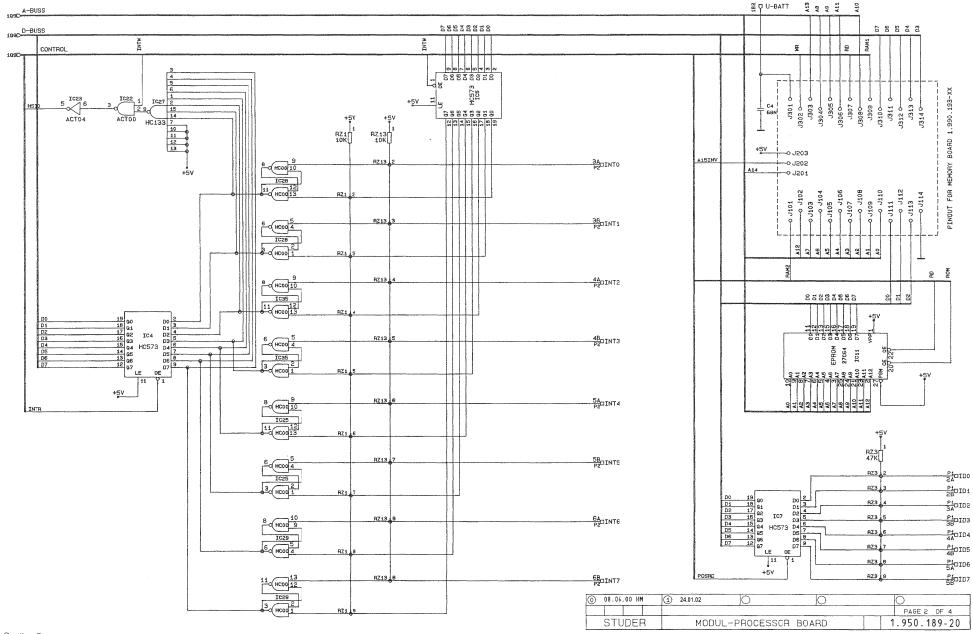
SNAP- SHOT	MAKE SNAP							
CHAN	SNAP					1		
GLOBAL CHANNEL PATCH PATCH	MAKE							
GLOBAL PATCH	CLEAR							
								Y
CUE	CAPTURE CUE				\	*		
L00P	REC	Jouch			0	9	2	•
0000	STOP	Option AutoTouch			∞.	2	2	00
AUTO TOUCH	PLAY	d0 /				4		0
			TAB					
STRIP			[——					
			SH	INS HOME PAGE	DEL END PAGE			<u> </u>
				HOM	END		\leftarrow	\rightarrow
			ESC	S				

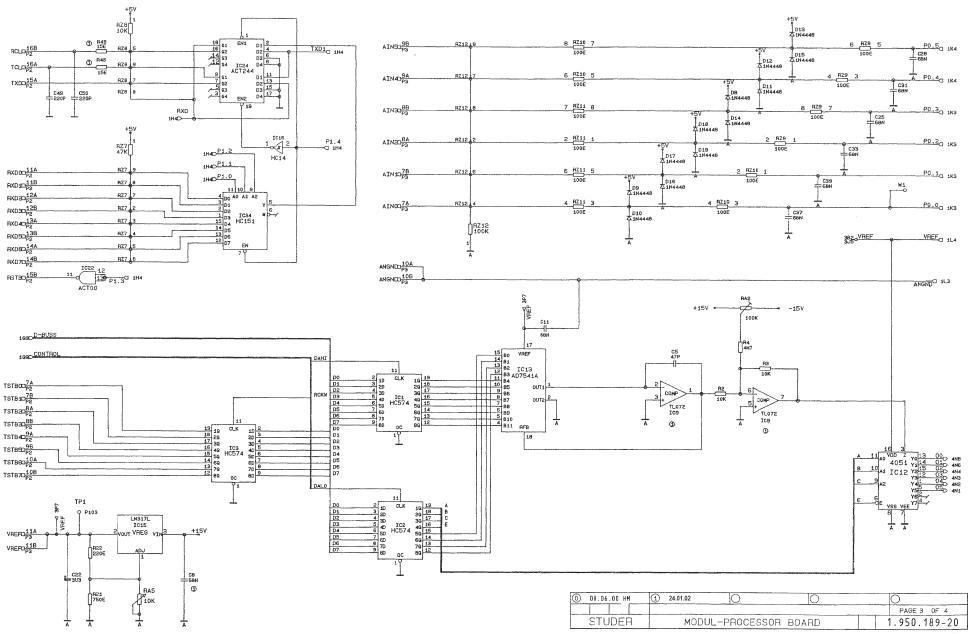
TFT Display Panel 1.950.840.00



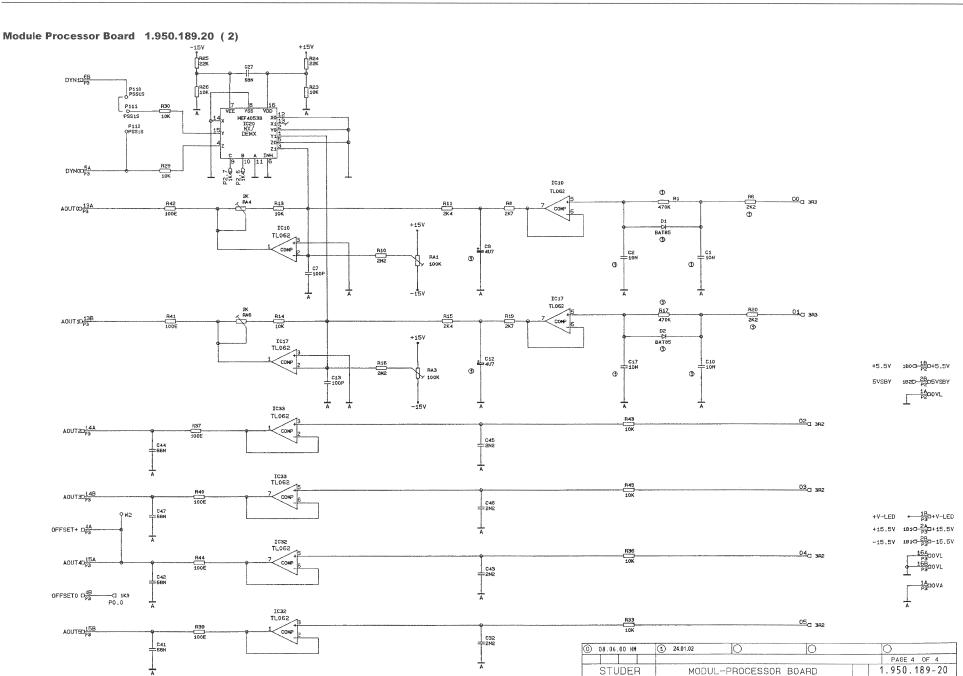




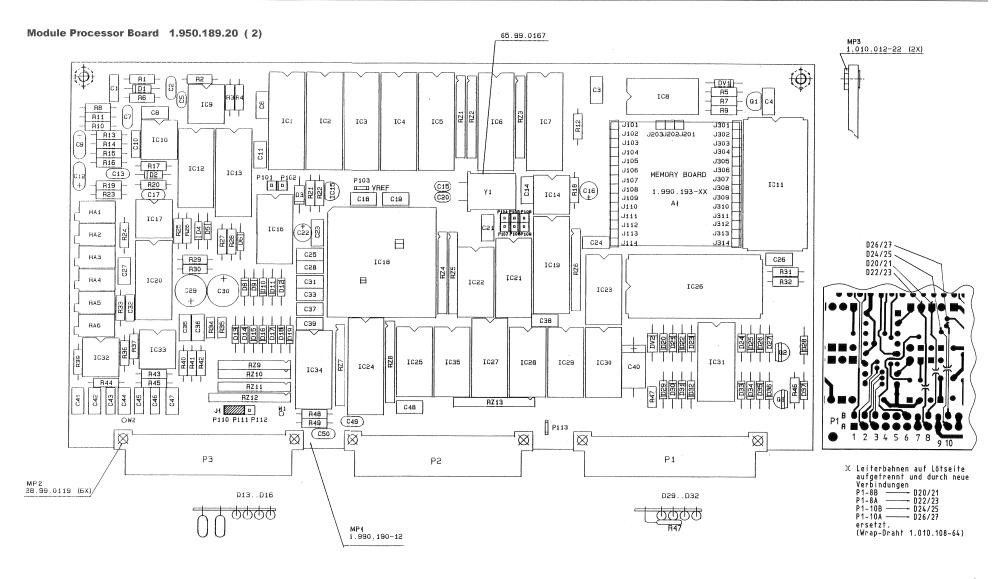












WERKSTO	FF .	OBERFLAECHE	10				
NORH-NR.;		QUETE:	0				
DIN-BEZ.:		BEH.;	0				
ABMESSUNGEN:			0	08.06.00	nin	M	1M
ZUGEH. UNTERLAGEN:	. PL .	FREIHASSTOL,; 1	IND.	DATUH	eEZ.	GEPR.	GES
	BV 695	HASSTAB: 2; 1		BLATT	1 VON	1	
STUDER	MODUL	E PROCESSOR BOARD ESE	ВР	Z 1.9	950.	189-1	20

Date printed: 20.11.02 Section 5



Page: 1 of 2

x. Pos.							
x. ros.	Part No. Qty	. Type/Val.	Description	Idx. Pos.	Part No. Qty.	Type/Val.	Description
0 A 1	1.990.193.00		MEMORY BOARD ,A	0 DV 2	50.04.1511	6V2	Zener, 5%, 1.3W, DO-41
0 C1	59.06.0103	10n	PETP, 63V, 10%, RM5	0 IC 1	50.17.1574	74HC574	IC 74 HC 574 ., ,A
C 2	59.06.0103	10n	PETP, 63V, 10%, RM5	0 IC 2	50.17.1574	74HC574	IC 74 HC 574 ., ,A
				0 IC 3	50.17.1574	74HC574	IC 74 HC 574 ., ,A
C 3	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 4	50.17.1573	74HC573	74 HC 573(A)
C 4	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 5	50.17.1573	74HC573	74 HC 573(A)
C 5	59.34.2470	47p	CER 63V, 5%, N150				
C 6	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 6	50.17.1573	74HC573	74 HC 573(A)
C 7	59.34.2101	100p	CER 63V, 5%, N150	0 IC 7	50.17.1573	74HC573	74 HC 573(A)
		68n	PETP, 63V, 10%, RM5	0 IC 8	50.17.1032	74HC 32	IC 74 HC 32 ., ,A
C 8	59.06.0683			0 IC 9	50.09.0101	072	IC TL 072 CN ,A
C 9	59.26.1479	4u7	SAL 10V 20%	0 IC 10	50.09.0119	062	IC TL 062 ACP ,A
C 10	59.06.0103	10n	PETP, 63V, 10%, RM5			002	
C 11	59.06.0683	68n	PETP, 63V, 10%, RM5	1 IC 11	1.950.976.20		SW 950 CCU BOOT EPROM
C 12	59.26.1479	4u7	SAL 10V 20%	0 IC 12	50.07.0051	4051	8ch analog Mux/Demux
				0 IC 13	50.19.0102	MP7541B	D/A Converter 12bit
C 13	59.34.2101	100p	CER 63V, 5%, N150	0 IC 14	50.11.0157	TL7705B	IC TL 7705 BCP,
C 14	59.06.0104	100n	PETP, 63V, 10%, RM5	0 IC 15	50.10.0108	LM317L	Series regulator 100mA+37V
C 15	59.34.2330	33p	CER 63V, 5%, N150				
C 16	59.30.6109	1u	TA, 20%, 35V	0 IC 16	50.17.1014	74HC 14	IC 74 HC 14 ., ,A
C 17	59.06.0103	10n	PETP, 63V, 10%, RM5	0 IC 17	50.09.0119	062	IC TL 062 ACP ,A
C 18	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 18	50.63.0003	80C196	MPU 16bit
				0 IC 19	50.17.7244	74ACT244	74 ACT 244 .
C 19	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 20	50.07.0015	4053	Tripple 2ch analog mux/demux
C 20	59.34.2330	33p	CER 63V, 5%, N150				
C 21	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 21	50.17.1138	74HC138	IC 74 HC 138 ., ,A
C 22	59.30.4339	3u3	TA, 20%, 16V	0 IC 22	50.17.7000	74ACT00	74 ACT 00 .
C 23	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 23	50.17.7004	74ACT04	74 ACT 04 .
				0 IC 24	50.17.7244	74ACT244	74 ACT 244 .
C 24	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 25	50.17.1000	74HC 00	Quad 2input NAND
C 25	59.06.0683	68n	PETP, 63V, 10%, RM5				
C 26	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 26	50.16.0153	82520	IC SAB 82520-P ,A
C 27	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 27	50.17.1133	74HC133	IC 74 HC 133 ., ,A
		68n		0 IC 28	50.17.1000	74HC 00	Quad 2input NAND
C 28	59.06.0683		PETP, 63V, 10%, RM5	0 IC 29	50.17.1000	74HC 00	Quad 2input NAND
C 29	59.22.5470	47u	EL 25V 20% RM5	0 IC 30	50.17.7032	74ACT32	74 ACT 32 .
C 30	59.22.5470	47u	EL 25V 20% RM5				
C 31	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 31	50.15.0104	3486	IC MC 3486 P, DS 3486 N,
C 32	59.06.0222	2n2	PETP, 63V, 10%, RM5	0 IC 32	50.09.0119	062	IC TL 062 ACP ,A
				0 IC 33	50.09.0119	062	IC TL 062 ACP ,A
C 33	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 34	50.17.1151	74HC151	IC 74 HC 151 ., ,A
C 35	59.06.0683	68n	PETP, 63V, 10%, RM5	0 IC 35	50.17.1000	74HC 00	Quad 2input NAND
C 36	59.06.0683	68n	PETP, 63V, 10%, RM5				
C 37	59.06.0683	68n	PETP, 63V, 10%, RM5	0 J1	54.01.0021	Jumper	0.63*0.63mm, Au
C 38	59.06.0683	68n	PETP, 63V, 10%, RM5	0 J 101	53.03.0218	1p	single-in-line
				0 J 102	53.03.0218	1p	single-in-line
C 39	59.06.0683	68n	PETP, 63V, 10%, RM5	0 J 103	53.03.0218	1p	single-in-line
C 40	59.25.2470	47u	EL 10V 20% axial	0 J 104	53.03.0218	1p	single-in-line
C 41	59.06.0683	68n	PETP, 63V, 10%, RM5				
C 42	59.06.0683	68n	PETP, 63V, 10%, RM5	0 J 105	53.03.0218	1p	single-in-line
C 43	59.06.0222	2n2	PETP, 63V, 10%, RM5	0 J 106	53.03.0218	1p	single-in-line
				0 J 107	53.03.0218	1p	single-in-line
C 44	59.06.0683	68n	PETP, 63V, 10%, RM5	0 J 108	53.03.0218	1p	single-in-line
C 45	59.06.0222	2n2	PETP, 63V, 10%, RM5				-
C 46	59.06.0222	2n2	PETP, 63V, 10%, RM5	0 J 109	53.03.0218	1p	single-in-line
C 47	59.06.0683	68n	PETP, 63V, 10%, RM5	0 J 110	53.03.0218	1p	single-in-line
C 48	59.06.0683	68n	PETP, 63V, 10%, RM5	0 J 111	53.03.0218	1p	single-in-line
				0 J 112	53.03.0218	1p	single-in-line
C 49	59.34.4221	220p	CER 63V, 5%, N750	0 J 113	53.03.0218	1p	single-in-line
C 50	59.34.4221	220p	CER 63V, 5%, N750				
D 1	50.04.0127	BAT85	200mA, Schottky	0 J 114	53.03.0218	1p	single-in-line
D 2	50.04.0127	BAT85	200mA, Schottky	0 J 201	53.03.0218	1p	single-in-line
D 3			•	0 J 202	53.03.0218	1p	single-in-line
	50.04.0512	1N5818	D 1N 5818, 1N 5819,	0 J 203	53.03.0218	1p	single-in-line
D 4	not used	1N4448	75V, 150mA, 4ns, DO-35	0 J 301	53.03.0218	1p	single-in-line
D 5	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35				
D 6	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35		53.03.0218	1p	single-in-line
D 8	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J 303	53.03.0218	1p	single-in-line
D 9	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J 304	53.03.0218	1p	single-in-line
D 10		1N4448		0 J 305	53.03.0218	1p	single-in-line
	50.04.0125		75V, 150mA, 4ns, DO-35	0 J 306	53.03.0218	1p	single-in-line
D 11	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J 307	53.03.0218	1p	single-in-line
D 12	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J308	53.03.0218		single-in-line
D 13	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35			1p	
D 14	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J 309	53.03.0218	1p	single-in-line
D 15	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J 310	53.03.0218	1p	single-in-line
D 16	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J 311	53.03.0218	1p	single-in-line
				0 J 312	53.03.0218	1p	single-in-line
D 17	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J 313	53.03.0218	1p	single-in-line
D 18	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35				
D 19	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 J 314	53.03.0218	1p	single-in-line
D 20	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 MP 1	1.990.190.12		MODULE PROCESSOR PCB
D 21	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 MP 2	28.99.0119 6 pcs		ROHRNIETE D 2.5*0.15* 9
D 22	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 MP 3	1.010.012.22 2 pcs	M3*2	Nietmutter sw 6
				0 MP 4	1.101.001.31	Label	TEXT-ETIK. 5*20 HARDWARE
D 23	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 MP 5	1.950.189.04		STUDER-NRETIKETTE 10 * 2
	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 MP6		Label	ESE-WARNSCHILD
D 24	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35		43.01.0108		
D 24	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0 MP 7	65.99.0167	Tape	POLYURH. KLEBBAND WS, 9*
D 24 D 25		1N4448	75V, 150mA, 4ns, DO-35	0 P1	54.11.2013	2*16p	EU-BK 2*16p male
D 24 D 25 D 26	50.04 0125	BAT85	200mA, Schottky	0 P2	54.11.2013	2*16p	EU-BK 2*16p male
D 24 D 25 D 26 D 27	50.04.0125			0 P3	54.11.2013	2*16p	EU-BK 2*16p male
D 24 D 25 D 26 D 27 D 28	50.04.0127		75V, 150mA, 4ns, DO-35	0 P 101	54.01.0020		
D 24 D 25 D 26 D 27 D 28 D 29	50.04.0127 50.04.0125	1N4448				1p	Pin, 1reihig, gerade
D 24 D 25 D 26 D 27	50.04.0127	1N4448 1N4448	75V, 150mA, 4ns, DO-35	0 P 102	54.01.0020	1p	Pin, 1reihig, gerade
D 24 D 25 D 26 D 27 D 28 D 29 D 30	50.04.0127 50.04.0125 50.04.0125	1N4448					
D 24 D 25 D 26 D 27 D 28 D 29 D 30 D 31	50.04.0127 50.04.0125 50.04.0125 50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35	0 P 103	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade
D 24 D 25 D 26 D 27 D 28 D 29 D 30 D 31 D 32	50.04.0127 50.04.0125 50.04.0125 50.04.0125 50.04.0125	1N4448 1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 P 103	54.02.0320	1p	
D 24 D 25 D 26 D 27 D 28 D 29 D 30 D 31 D 32 D 33	50.04.0127 50.04.0125 50.04.0125 50.04.0125 50.04.0125 50.04.0125	1N4448 1N4448 1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 P 103 0 P 104	54.02.0320 54.01.0020	1p 1p	Pin, 1reihig, gerade
D 24 D 25 D 26 D 27 D 28 D 29 D 30 D 31 D 32	50.04.0127 50.04.0125 50.04.0125 50.04.0125 50.04.0125	1N4448 1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 P 103 0 P 104 0 P 105	54.02.0320 54.01.0020 54.01.0020	1p 1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade
D 24 D 25 D 26 D 27 D 28 D 29 D 30 D 31 D 32 D 33	50.04.0127 50.04.0125 50.04.0125 50.04.0125 50.04.0125 50.04.0125	1N4448 1N4448 1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 P 103 0 P 104 0 P 105 0 P 106	54.02.0320 54.01.0020 54.01.0020 54.01.0020	1p 1p 1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade Pin, 1reihig, gerade
D 24 D 25 D 26 D 27 D 28 D 29 D 30 D 31 D 32 D 33 D 34 D 35	50.04.0127 50.04.0125 50.04.0125 50.04.0125 50.04.0125 50.04.0125 50.04.0125 50.04.0125	1N4448 1N4448 1N4448 1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 P 103 0 P 104 0 P 105	54.02.0320 54.01.0020 54.01.0020	1p 1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade
D 24 D 25 D 26 D 27 D 28 D 29 D 30 D 31 D 32 D 33 D 34	50.04.0127 50.04.0125 50.04.0125 50.04.0125 50.04.0125 50.04.0125 50.04.0125	1N4448 1N4448 1N4448 1N4448 1N4448	75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35 75V, 150mA, 4ns, DO-35	0 P 103 0 P 104 0 P 105 0 P 106	54.02.0320 54.01.0020 54.01.0020 54.01.0020	1p 1p 1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade Pin, 1reihig, gerade

Date printed: 20.11.02 Section 5

Module Processor Board 1.950.189.20 (2)

Page: 2 of 2

EVA	Oudi	e Proce	, 3301	Board 1.950.189	.20 (2	• /				Page: 2 of 2
ldx.	Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty.	Type/Val.	Description	
0	P 110	54.01.0020	1p	Pin, 1reihig, gerade						
0	P 111	54.01.0020	1p	Pin, 1reihig, gerade						
0	P 112	54.01.0020	1p	Pin, 1reihig, gerade						
0	P 113	54.02.0320	1p	PCB-Flachst 2.8*0.8, gerade						
0	Q 1	50.03.0407	BC550C	BC 550 C						
0	Q 2	50.03.1505	VN0808L	N-VMOS-FET 80V, 0.35A						
0	Q 3	50.03.1554	VP0808L	P-VMOS-FET 60V, 0.33A						
0	R 1	57.11.3474	470k	MF, 1%, 0207						
	R 2	57.11.3103	10k	MF, 1%, 0207						
0	R 3	57.11.3103	10k	MF, 1%, 0207						
0	R 4	57.11.5475	4M7	MF, 5%, 0207						
0	R 5	57.11.3102	1k0	MF, 1%, 0207						
0	R 6	57.11.3222	2k2 10k	MF, 1%, 0207						
0	R 7 R 8	57.11.3103 57.11.3272	2k7	MF, 1%, 0207 MF, 1%, 0207						
0	R 9	57.11.3104	100k	MF, 1%, 0207						
	R 10	57.11.5225	2M2	MF, 5%, 0207						
	R 11	57.11.3242	2k4	MF, 1%, 0207						
0	R 12	57.11.3103	10k	MF, 1%, 0207						
	R 13	57.11.3103	10k	MF, 1%, 0207						
	R 14	57.11.3103	10k	MF, 1%, 0207						
	R 15	57.11.3242	2k4	MF, 1%, 0207						
0	R 16	57.11.5225	2M2	MF, 5%, 0207						
	R 17	57.11.3474	470k	MF, 1%, 0207						
	R 18	57.11.3103	10k	MF, 1%, 0207						
	R 19	57.11.3272	2k7	MF, 1%, 0207						
0	R 20	57.11.3222	2k2	MF, 1%, 0207						
0	R 21	57.11.3751	750R	MF, 1%, 0207						
0	R 22	57.11.3221	220R	MF, 1%, 0207						
0	R 23	57.11.3103	10k	MF, 1%, 0207						
0	R 24	57.11.3223	22k	MF, 1%, 0207						
0	R 25	57.11.3223	22k	MF, 1%, 0207						
0	R 26	57.11.3103	10k	MF, 1%, 0207						
0	R 27	57.11.3473	47k	MF, 1%, 0207						
0	R 28	57.11.3473	47k	MF, 1%, 0207						
0	R 29	57.11.3103	10k	MF, 1%, 0207						
0	R 30	57.11.3103	10k	MF, 1%, 0207						
0	R 31	57.11.3103	10k	MF, 1%, 0207						
0	R 32	57.11.3103	10k	MF, 1%, 0207						
0	R 33	57.11.3103	10k	MF, 1%, 0207						
	R 34	57.92.7014	0.65A	PTC 60V						
0	R 35	57.92.7014	0.65A	PTC 60V						
0	R 36	57.11.3103	10k	MF, 1%, 0207						
	R 37	57.11.3101	100R	MF, 1%, 0207						
	R 39	57.11.3101	100R	MF, 1%, 0207						
	R 40	57.11.3101	100R	MF, 1%, 0207						
0	R 41	57.11.3101	100R	MF, 1%, 0207						
	R 42	57.11.3101	100R	MF, 1%, 0207						
0		57.11.3103 57.11.3101	10k	MF, 1%, 0207						
0	R 44 R 45	57.11.3101	100R 10k	MF, 1%, 0207 MF, 1%, 0207						
0	R 46	57.11.3102	1k0	MF, 1%, 0207						
0	R 47	57.92.7014	0.65A	PTC 60V						
	R 48	57.11.3150	15R	MF, 1%, 0207						
0	R 49	57.11.3150	15R	MF, 1%, 0207						
	RA 1	58.05.0104	100k	10%, 0.5W, Cermet						
0	RA 2	58.05.0104	100k	10%, 0.5W, Cermet						
0	RA 3	58.05.0104	100k	10%, 0.5W, Cermet						
0	RA 4	58.05.0202	2k0	10%, 0.5W, Cermet						
0	RA 5	58.05.0103	10k	10%, 0.5W, Cermet						
0	RA 6	58.05.0202	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	57.88.4473	47k	8*R Resistor-Netw 2% SIP9						
0	RZ 4	57.88.4103	10k	8*R Resistor-Netw 2% SIP9						
0	RZ 5	57.88.4103	10k	8*R Resistor-Netw 2% SIP9						
0	RZ 6	57.88.4102	1k0	8*R Resistor-Netw 2% SIP9						
0	RZ 7	57.88.4473	47k	8*R Resistor-Netw 2% SIP9						
0	RZ 8	57.88.4103	10k	8*R Resistor-Netw 2% SIP9						
0	RZ 9 RZ 10	57.88.2101 57.88.2101	100R 100R	4*R Resistor-Netw 2% SIP9 4*R Resistor-Netw 2% SIP9						
0	RZ 11	57.88.2101	100R	4*R Resistor-Netw 2% SIP9						
0	RZ 12	57.88.4104	100K	8*R Resistor-Netw 2% SIP9						
0	RZ 12	57.88.4103	100k	8*R Resistor-Netw 2% SIP9						
	XIC 10	53.03.0166	8p	DIL 0.3", löt, gerade						
	XIC 11	53.03.0173	28p	DIL 0.6", löt, gerade						
	XIC 12	53.03.0168	16p	DIL 0.3", löt, gerade						
	XIC 13	53.03.0175	18p	DIL 0.3", löt, gerade						
	XIC 17	53.03.0166	8p	DIL 0.3", löt, gerade						
	XIC 18	53.03.2268	68p	PLCC-Socket						
U		53.03.0168	16p	DIL 0.3", löt, gerade						
	XIC 31	00.00.0100	, 00							

End of List

(01) IC11: Software changed from 1.990.993.30 to 1.950.976.20 (02) D4: not used

SCHEMATA / CIRCUIT DIAGRAMS

Monitor Units

Multi Format Monitoring Unit
Multi Format Monitoring Unit
Front Board MMU
Assignable Stam Selector
Front Board Assignable Stam Selector
CR Monitor Panel RS485
CR Monitor Switch Board
Panel Adapter RS485
Studio Monitor Panel RS485
Studio Monitor Switch Board
PFL/TB/HP Panel RS485
PFL/TB/Headphone Switch Board
Source Selector Panel RS485
Source Selector Switch Board

Multi Format Monitor Unit

1.950.850.20

Multi Format Monitor Unit 1.950.850.20 SC 1.950.850.20 BP 1.950.850.20 PL 1.950.850.22

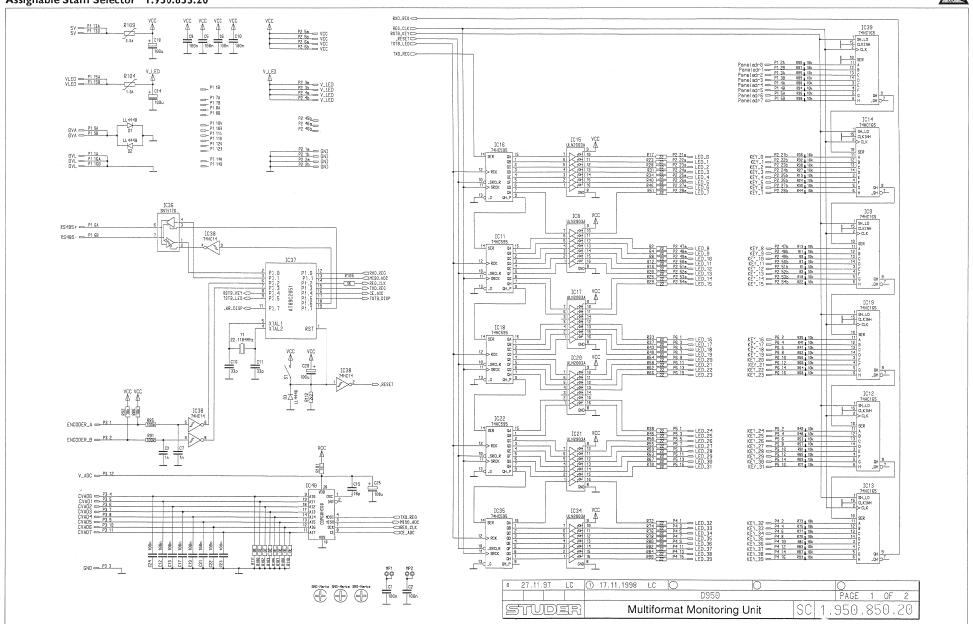
Front Board MMU 1.950.851.00 SC 1.950.851.00/1.950.853.00 BP 1.950.851.00/1.950.853.00 PL 1.950.851.00/1.950.853.00

Multi Format Monitor Unit 1.950.852.20 SC 1.950.850.20 BP 1.950.852.20 PL 1.950.852.20

SC:SchemaCircuit DiagramBP:BestückungsplanPCB LayoutPL:PositionslistePositional List

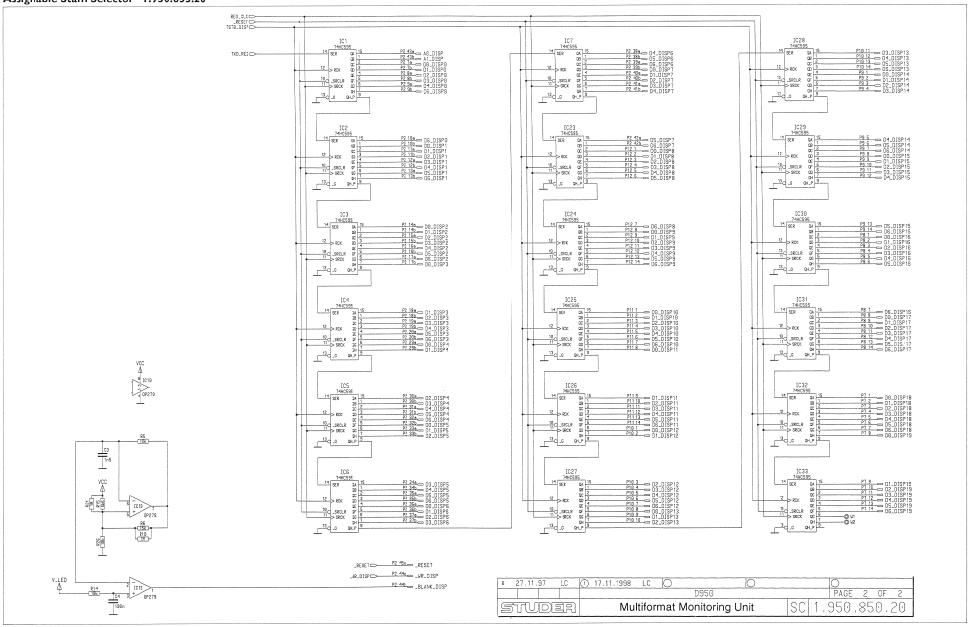
Multiformat Monitoring Unit 1.950.850.20 Assignable Stam Selector 1.950.855.20

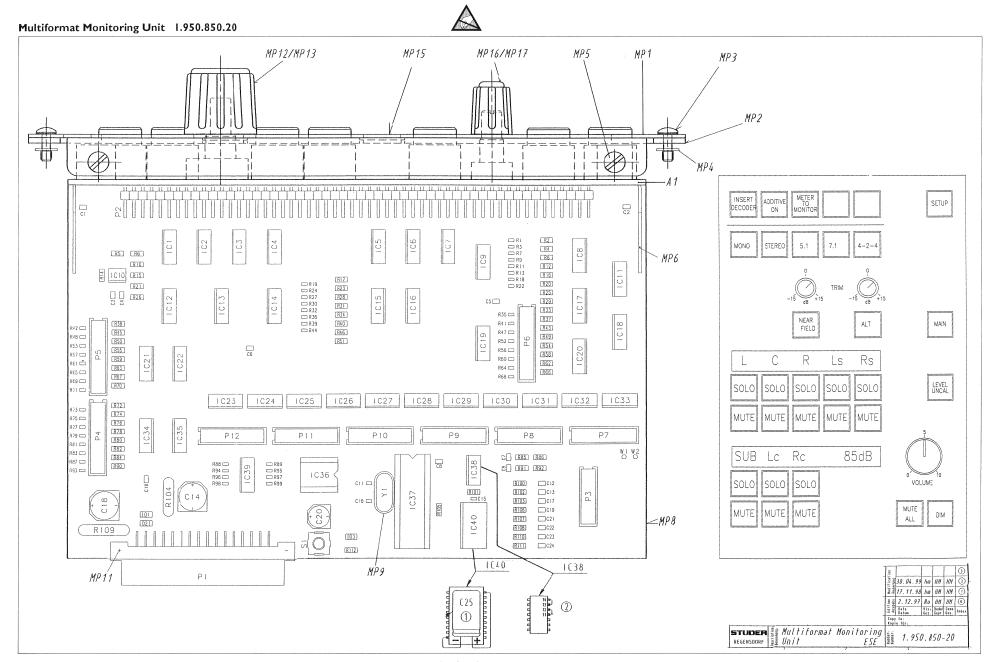




Multiformat Monitoring Unit 1.950.850.20 Assignable Stam Selector 1.950.855.20







SECTION 6

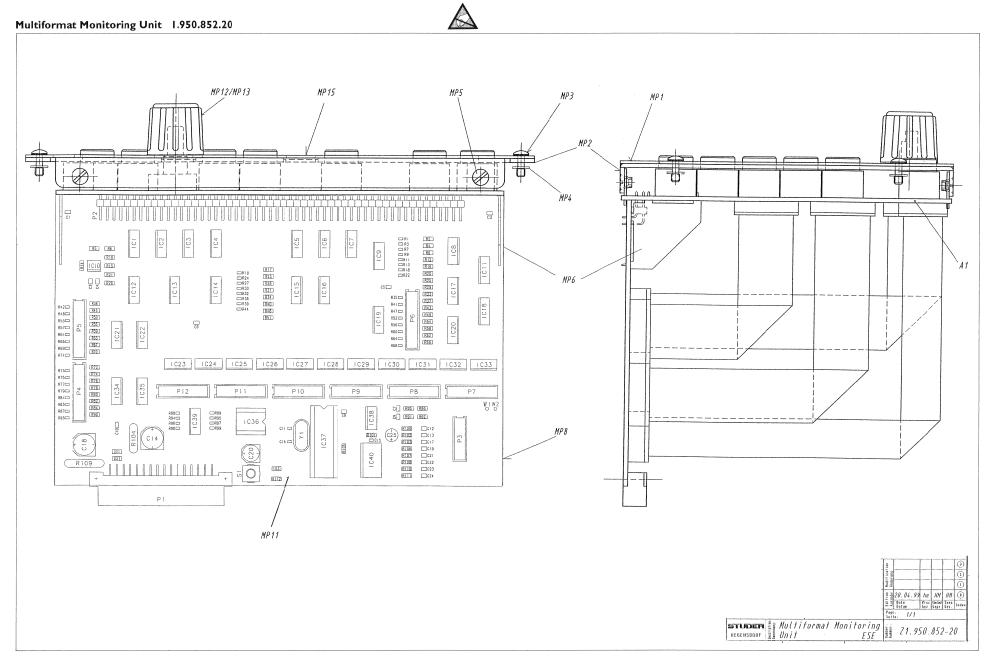
D950 Mixing Console

STUDER



Multiformat Monitoring Unit 1.950.850.22

x Pos.	Part No. Qty. Type/V	I. Description	ldx Pos.	Part No. Qty	. Type/Val.	Description	ldx Pos.	Part No. Qty.	. Type/Val.	Description
	1.950.851.00	MMU FRONT BOARD	0 MP 15	1.950,850.03 2 p	cs	GRUENFII TER	0 R 71	57.69.1097	10k	CF 5% 0603
			0 MP 16	42.01.0228 2 p		KNEBELKNOPF GR D 10/4	0 R 72	57.60.1220	22R	MF, 1%, 0204, E24
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 MP 17	42.01.0251 2 p	CS	DECKEL D'GR ZU KNOPF-D 10	0 R 73	57.69.1097	10k	CF 5% 0803
	59.60.3327 100n	CER 50V, 10%, X7R, 0805					0 R 74	57.60.1220	22R	MF, 1%, 0204, E24
	59.60.3315 1n6	CER 50V, 10%, X7R, 0805	0 P1	54.11.2013	32p	EU-BK 2*16p	0 R 75	57.69.1097	10k	CF 5% 0603
	59.60.3327 100n 59.60.3327 100n	CER 50V, 10%, X7R, 0805	0 P2 0 P3	54.11.0130 54		P STIFT,2R WNKL 2 PIN=1 STK.	0 R 76	57.60.1220 57.69.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603
		CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 P3	54.14.5512	12p	PCB-Buchse gerade	0 R78	57.60.1220	22R	MF, 1%, 0204, E24
	59.60.3327 100n 59.60.2373 1n0	CER 50V, 10%, X/R, 0805 CER 50V. 5%, C0G, 0805	0 P4	54.14.5516 54.14.5516	16p 16p	PCB-Bushse gerade	0 R79	57.69.1097	10k	OF 5% 0803
	59.60.2373 100n 59.60.3327 100n	CER 50V, 5%, C0G, 0805 CER 50V 10% X7R 0805	0 P6	54.14.5516 54.14.5516	16p 16p	PCB-Buthse gerade PCB-Buthse gerade	0 R/9	57.69.1097	22R	MF. 1%, 0204, E24
	59.60.2373 1n0	CER 50V, 15%, COG, 0805	0 P7	04.14.0010 not used	14p	PCB-Buchse gerade	0 R 81	57.69.1097	10k	CF 5% 0603
	59.60.2373 1100n	CER 50V, 10%, X7R, 0805	0 P8	not used	14p	PCB-Buchse gerade	0 R 82	57.60.1220	22R	MF, 1%, 0204, E24
	59.60.2237 33p	CER 50V, 5%, COG 0603	0 P9	not used	140	PCB-Buchse gerade	0 R 83	57.69.1097	10k	CF 5% 0603
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 P10	not used	14p	PCB-Buchse gerade	0 R 84	57.60.1220	22R	MF, 1%, 0204, E24
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 P11	not used	140	PCB-Buchse gerade	0 R.85	57.60.1104	100K	MF, 1%, 0204, E24
	59.68.0071 100u	C-EL 16V. 8.0*6.3	0 P 12	not used	14p	PCB-Buchse gerade	0 8.86	57.60.1103	10K	MF 1% 0204 F24
	59.60.2231 18p	CER 50V, 5%, C0G,0603				3	0 R 87	57.69.1097	10k	CF 5% 0603
	59.60.2237 33p	CER 50V, 5%, C0G, 0603	0 R1	57.69.1097	10k	CF 5% 0603	0 R 88	57.69.1097	10k	CF 5% 0603
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 R 2	57.60.1220	22R	MF, 1%, 0204, E24	0 R 89	57.69.1097	10k	CF 5% 0603
	59.68.0071 100u	C-EL 16V, 8.0*6.3	0 R3	57.69.1097	10k	CF 5% 0603	0 R 90	57.60.1220	22R	MF, 1%, 0204, E24
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 R4	57.60.1220	22R	MF, 1%, 0204, E24	0 R.91	57.60.1104	100K	MF, 1%, 0204, E24
	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 R 5	57.60.1103	10K	MF, 1%, 0204, E24	0 R 92	57.60.1103	10K	MF, 1%, 0204, E24
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 R 6	57.60.1153	15K	MF, 1%, 0204, E24	0 R 93	57.69.1097	10k	CF 5% 0603
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 R7	57.69.1097	10k	CF 5% 0603	0 R 94	57.69.1097	10k	CF 5% 0603
	59.60.3337 100n	GER 50V, 10%, X7R, 0805	0 R8	57.60.1220	22R	MF, 1%, 0204, E24	0 R 95	57.69.1097	10k	CF 5% 0603
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 R9	57.69.1097	10k	CF 5% 0603	0 F. 96	57.69.1097	10k	CF 5% 0603
	59.41.4002 100u	EL 16V 20% RM5	0 R 10	57.60.1105	1M	MF, 1%, 0204, E24	0 F.97	57.69.1097	10k	CF 5% 0603
			0 R11	57.69.1097	10k	CF 5% 0603	0 F.98	57.69.1097	10k	CF 5% 0603
	50.60.8001 4448	200mA 75V 4ns SOD 80	0 R 12	57.60.1220	22R	MF, 1%, 0204, E24	0 F. 99	57.69.1097	10k	CF 5% 0603
	50.60.8001 4448	200mA 75V 4ns SOD 80	0 R 13	57.69.1097	10k	CF 5% 0603	0 R 100	not used	ORO	MF, 0204
	50.60.8001 4448	200mA 75V 4ns SOD 80	0 R 14	57.60.1103	10K	MF, 1%, 0204, E24	0 R 101	57.60.1150	15R	MF, 1%, 0204, E24
	50.62.1595 74HC59	5 004 -000 - 11	0 R 15 0 R 16	57.60.1562	5K6 22R	MF, 1%, 0204, E24	0 F. 102	57.60.1000	ORO	MF, 0204 MF. 0204
			0 R16	57.60.1220	22R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 103	57.60.1000	0R0 1.6A	
	50.62.1595 74HC59 50.62.1595 74HC59		0 R17 0 R18	57.60.1220	22R 10k	MF, 1%, 0204, E24 CF 5% 0603	0 R 104	57.92.7053 57.60.1000	1.6A 0R0	POLY- PTC, 30V MF. 0204
	50.62.1595 /4HC55 50.62.1595 74HC55		0 R 18 0 R 19	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603	0 R 105 0 R 106	57.60.1000 57.60.1000	0R0 0R0	MF, 0204 MF, 0204
	50.62.1595 74HC59		0 R 20	57.69.1097	22R	MF, 1%, 0204, E24	0 F 106	57.60.1000 57.60.1000	0R0	MF. 0204
	50.62.1595 74HC59		0 R 20	57.60.1220	1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 F 107	57.60.1000	080	MF 0204
	50.62.1595 74HC59		0 R21	57.60.1105	10k	OF 5% 0603	0 F 109	57.92.7056	2.5A	POLY- PTC, 30V
	50.62.0130 ULN200		0 R23	57.60.1220	22R	MF, 1%, 0204, E24	0 F 110	57.60.1000	0R0	MF. 0204
	50.62.1165 74HC16		0 R 24	57.69.1097	10k	CF 5% 0803	0 5 111	not used	080	MF 0204
	50.61.0203 OP279	Dual Op-Amp single supply	0 R 25	57.60,1220	22R	MF, 1%, 0204, E24	0 F 112	57.60.1222	2K2	MF, 1%, 0204, E24
	50.62.1595 74HC59		0 R 26	57.60.1220	10K	MF, 1%, 0204, E24	U R 112	57.00.1222	ZNZ	MF, 176, 0204, 624
	50.62.1165 74HC16		0 R 27	57.69.1097	10k	CF 5% 0603	0 S1	not used	1*s	SMD Tactswitch
	50.62.1165 74HC16		0 R28	57.60.1220	22R	MF 1% 0204 F24	0 01	not used	1.5	SWD Factswitch
	50,62,1165 74HC16		0 R 29	57.60.1220	22R	MF, 1%, 0204, E24	0 XIC 36	53.03.0166	8p	DIL 0.3", löt, gerade
	50.62.0130 ULN20		0 R 30	57.69.1097	10k	CF 5% 0603	0 XIC 37	53.03.0165	20p	DIL 0.3", löt, gerade
	50.62.1595 74HC59		0 R 31	57.60.1220	22R	MF, 1%, 0204, E24		00.00.0100		year look garage
	50.62.0130 ULN200		0 R 32	57.69.1097	10k	CF 5% 0803	0 Y1	89.01.1016	22.1184MH	z 22,118 400 MHz, HC 49/U
	50.62.1595 74HC59		0 R 33	57.60.1220	22R	MF, 1%, 0204, E24	- "			
	50.62.1165 74HC16		0 R 34	57.60.1220	22R	MF, 1%, 0204, E24			- End of List-	
	50.62.0130 ULN200		0 R 35	57.69.1097	10k	CF 5% 0603			LING OF LIST	
	50.62.0130 ULN200	3 7*Darlington driver	0 R 36	57.69.1097	10k	CF 5% 0603	Comments			
	50.62.1595 74HC59		0 R 37	57.60.1220	22R	MF, 1%, 0204, E24				
	50.62.1595 74HC59	5 Bbit shift/output register	0 R38	57.60.1220	22R	MF, 1%, 0204, E24				
	50.62.1595 74HC59	5 8bit shift/output register	0 R 39	57.69.1097	10k	CF 5% 0603				
	50.62.1595 74HC59	5 8bit shift/output register	0 R 40	57.60.1220	22R	MF, 1%, 0204, E24				
	50.62.1555 74HC59	5 8bit shift/output register	0 R 41	57.69.1097	10k	CF 5% 0603				
	50.62.1595 74HC59		0 R 42	57.69.1097	10k	CF 5% 0603				
	50.62.1595 74HC59		0 R 43	57.60.1220	22R	MF, 1%, 0204, E24				
	50.62.1595 74HC59	8 bit shift/output register	0 R 44	57.69.1097	10k	CF 5% 0603				
	50.62.1595 74HC59		0 R 45	57.60.1220	22R	MF, 1%, 0204, E24				
	50.62.1595 74HC59	5 8bit shift/output register	0 R 46	57.60.1220	22R	MF, 1%, 0204, E24				
	50.62.1595 74HC59	5 8bit shift/output register	0 R 47	57.69.1097	10k	CF 5% 0603				
	50.62.1595 74HC59	5 8bit shift/output register	0 R 48	57.69.1097	10k	CF 5% 0603				
	50.62.0130 ULN200		0 R 49	57.60.1220	22R	MF, 1%, 0204, E24				
	50.62.1595 74HC59		0 R 50	57.60.1220	22R	MF, 1%, 0204, E24				
	50.15.0115 75176	IC SN 75176 BP, DS 3695 N,	0 R 51	57.60.1220	22R	MF, 1%, 0204, E24				
	1,950,908.22	SW 850 MMU (50.16.0313)	0 R 52	57.69.1097	10k	CF 5% 0603				
	50.62.1014 74HC 1		0 R 53	57.69.1097	10k	CF 5% 0603				
	50.62.1165 74HC16		0 R 54	57.60.1220	22R	MF, 1%, 0204, E24				
	50,61.8101 68HC68		0 R 65	57.60.1220	22R	MF, 1%, 0204, E24				
			0 R 56	57.69.1097	10k	CF 5% 0603				
	1.950.850.C1 mp	FRONTPLATTE MMU	0 R 57	57.69.1097	10k	CF 5% 0603				
	1.950.850.02 mp	TRAEGERBLECH MMU	0 R 58	57.60.1220	22R	MF, 1%, 0204, E24				
	1,010.022.21 4 pcs M3*8	L-Schraube IS sw spezial	0 R 59	57.60.1220	22R	MF, 1%, 0204, E24				
	24.16.3023 4 pcs	WELLENSICHERUNG 2.3	0 R 60	57.69.1097	10k	CF 5% 0603				
	21.01.2352 4 pcs M3*4	S - Schraube Zn gb chr	0 R61	57.69.1097	10k	CF 5% 0603				
	1,990,100,C1 1 pce	QUERPRINTSTUETZE	0 R 62	57.60.1220	22R	MF, 1%, 0204, E24				
	1.950.850.04 1 pce	STUDER NR. ETIKETTE 10x20	0 R 63	57.60.1220	22R	MF, 1%, 0204, E24				
	1.950.850.11 1 pce	PROCESSOR PCB	0 R 64	57.69.1097	10k	CF 5% 0603				
	89.01.1459 1 pce	QUARZ - ISOLIERPLATTE	0 R 65	57.69.1097	10k	CF 5% 0603				
	43.01.0108 1 pce Label	ESE-WARNSCHILD	0 R 66	57.60.1220	22R	MF, 1%, 0204, E24				
		ROHRNIETE D 2.5'0.15* 9	0 R 67	57.60.1220	22R	MF, 1%, 0204, E24				
	28.99.0119 2 pcs									
	28.99.0119 2 pcs 42.01.0414 1 pce		0 R 68	57.69.1097	10k	CF 5% 0603				
	28.99.0119 2 pcs 42.01.0414 1 pce 42.01.0464 1 pce	Drehknopf D 21/6, gr Deckel D 21, h'gr, ohne Strich								

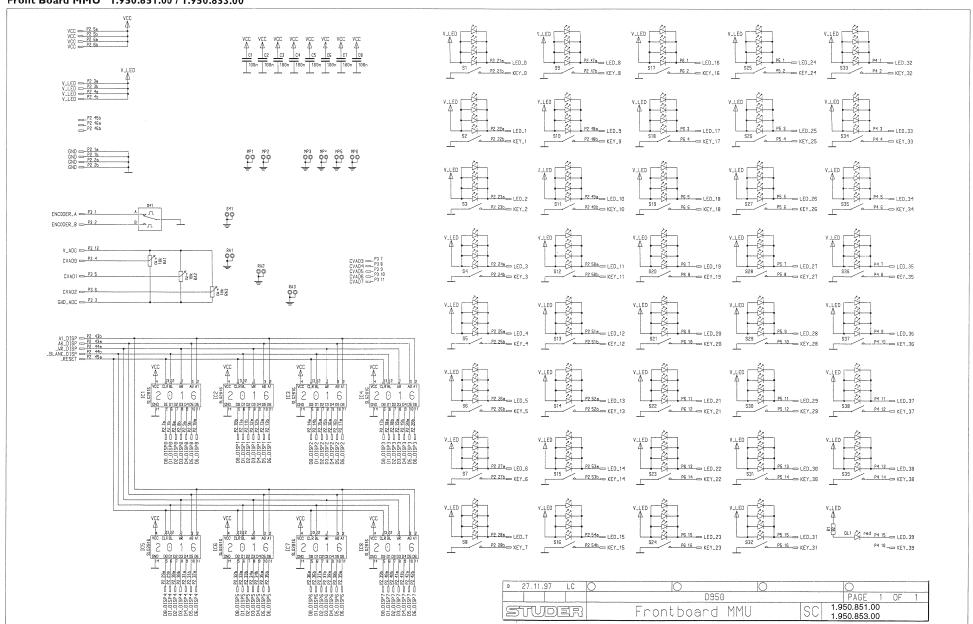




Multiformat Monitoring Unit 1.950.852.20

A 1 1.950.853.00 MMU FRONT BOAR				Description			. Type/Val.	
	0 MP 15	1.950.850.03 2 pcs		GRUENELTER	0 3.71	57 69 1097	10k	CF 5% 0803
	0 MP 16	not used 2 pcs		KNEBELKNOPF GR D 10/4	0 7.72	57.60.1220	22R	MF, 1%, 0204, E24
59.60.3337 100n CER 50V, 10%, X7		not used 2 pcs		DECKEL D'GR ZU KNOPF-D 10	0 ₹73	57.69.1097	10k	CF 5% 0603
59,60,3337 100n CER 50V, 10%, X7 59,60,3315 1p5 CER 50V 10% X7					0 R 74	57.60.1220	22R	MF, 1%, 0204, E24
59.60.3315 1n5 CER 50V, 10%, X7 59.60.3337 100n CER 50V, 10%, X7		54.11.2013 54.11.0130 54 pc	32p	EU-BK 2*16p P STIFT,2R WNKL 2 PIN=1 STK	0 R75 0 R76	57.69.1097 57.60.1220	10k 22R	CF 5% 0603 MF, 1%, 0204, E24
59.60.3337 100n CER 50V, 10%, X7		54.11.0130 54 pc 54.14.5512	120	PCB-Buchse gerade	0 R77	57.69.1097	10k	OF 5% 0603
59.60.3337 100n CER 50V, 10%, X7	0 P4	54.14.5518	16p	PCB-Buchse gerade	0 R78	57.60.1220	22R	MF, 1%, 0204, E24
59.60.2373 1n0 CER 50V, 5%, C0		54.14.5516	16p	PCB-Buchse gerade	0 R 79	57.69.1097	10k	CF 5% 0803
59.60.3337 100n CER 50V, 10%, X7	0 P6	54.14.5516	16p	PCB-Buchse gerade	0 R 80	57.60.1220	22R	MF, 1%, 0204, E24
59.60.2373 1n0 CER 50V, 5%, C0 59.60.3337 100n CER 50V, 10%, X7		not used	14p 14p	PCB-Buchse gerade PCB-Buchse gerade	0 R 81	57.69.1097	10k 22R	CF 5% 0603
59.60.3337 100n CER 50V, 10%, X7 59.60.2237 33p CER 50V, 5%, C0		not used not used	14p	PCB-Bucise gerade	0 R 82 0 R 83	57.69.1220 57.69.1097	10k	MF, 1%, 0204, E24 CF 5% 0603
59.60.3337 100n CER 50V, 10%, X7		not used	14p	PCB-Buchse gerade	0 R84	57.60.1220	22R	MF, 1%, 0204, E24
59.60,3337 100n CER 50V, 10%, X7		not used	14p	PCB-Buchse gerade	0 R 85	57.60.1104	100K	MF, 1%, 0204, E24
59.68.0071 100u C-EL 16V, 8.0*6.3	0 P12	not used	14p	PCB-Buchse gerade	0 R 86	57.60.1103	10K	MF, 1%, 0204, E24
59.60.2231 18p CER 50V, 5%, CO					0 R 87	57.69.1097	10k	CF 5% 0603
59.60.2237 33p CER 50V, 5%, C0 59.60.3337 100n CER 50V.10%, X7		57.69.1097 57.60.1220	10k 22R	CF 5% 0603 MF, 1%, 0204, E24	0 R88 0 R89	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603
59.60.3337 100n CER 50V, 10%, X7 59.68.0071 100u C-EL 16V, 8.0*6.3	0 R3	57.60.1220	10k	CF 5% 0603	0 R 90	57.69.1097 57.60.1220	22R	MF. 1%, 0204, E24
59.60.3337 100n CER 50V, 10%, X7		57.60.1220	22R	MF, 1%, 0204, E24	0 R 91	57.60.1104	100K	MF, 1%, 0204, E24
59.68.0029 100u C-EL 6V, 6.3*5.7	0 R5	57.60.1103	10K	MF, 1%, 0204, E24	0 R 92	57.60.1103	10K	MF, 1%, 0204, E24
59.60.3337 100n CER 50V, 10%, X7		57.60.1153	15K	MF, 1%, 0204, E24	0 R 93	57.69.1097	10k	CF 5% 0603
59.60.3337 100n CER 50V, 10%, X7		57.69.1097	10k	CF 5% 0603	0 R 94	57.69.1097	10k	CF 5% 0803
59.60.3337 100n CER 50V, 10%, X7 59.60.3337 100n CER 50V, 10%, X7		57.60.1220 57.69.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603	0 R 95 0 R 96	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603
59.80.3337 100n CER 50V, 10%, X7 59.22.4002 100u EL 16V, 20%, RF	5 0 R9 0 R10	57.69.1097	10k	MF. 1% 0204. E24	0 R97	57.69.1097	10k	CF 5% 0603
59.22.4002 1000 EE 104, 2070, 111	0 R11	57.69.1097	10k	CF 5% 0603	0 R 98	57.69.1097	10k	CF 5% 0603
50.60.8001 4448 200mA 75V 4ns		57.60.1220	22R	MF, 1%, 3204, E24	0 R 99	57.69.1097	10k	CF 5% 0803
50.60.8001 4448 200mA 75V 4ns		57.69.1097	10k	CF 5% 0603	0 R 100	57.60.1000	oRó	MF, 0204
50.60.8001 4448 200mA 75V 4ns		57,60,1103	10K	MF, 1%, 3204, E24	0 R 101	57.60.1150	15R	MF, 1%, 0204, E24
50.62.1595 74HC595 8bit shift/output regis	0 R 15	57.60.1562	5K6 22R	MF, 1%, 3204, E24 MF, 1%, 3204, E24	0 R 102 0 R 103	57.60.1000 57.60.1000	0R0 0R0	MF, 0204 MF, 0204
50.62.1595 74HC595 8bit shift/output regis 50.62.1595 74HC595 8bit shift/output regis	0 R 16	57.60.1220 57.60.1220	22R 22R	MF, 1%, J204, E24 MF, 1%, J204, E24	0 R 103 0 R 104	57.80.1000 57.92.7053	1.6A	POLY- PTC 30V
50.62.1595 74HC595 8bit shift/output regis	0 R 18	57.69.1097	10k	CF 5% 0603	0 R 105	57.60.1000	0R0	MF. 0204
50.62.1595 74HC595 8bit shift/output regis	0 R 19	57.69.1097	10k	CF 5% 0603	0 R 106	57.60.1000	0R0	MF, 0204
50.62.1596 74HC595 8bit shift/output regis	0 R 20	57.60.1220	22R	MF, 1%, 3204, E24	0 R 107	57.60.1000	0R0	MF, 0204
50.62.1595 74HC595 8bit shift/output regis	0 R 21	57.60.1105	1M	MF, 1%, 0204, E24	0 R 108	57.60.1000	0R0	MF, 0204
50.62.1596 74HC595 8bit shift/output regis	0 R 22	57,69.1097	10k	CF 5% 0603 MF, 1%, 0204, E24	0 R 109	57.92.7056	2.5A 0R0	POLY- PTC, 30V MF. 0204
50.62.0130 ULN2003 7*Darlington driver 50.62.1165 74HC165 8bit shift register	0 R 23 0 R 24	57.60.1220 57.69.1097	22R 10k	MF, 1%, U2U4, E24 CF 5% 0603	0 R 110 0 R 111	57.80.1000 57.80.1000	ORO ORO	MF. 0204 MF. 0204
50.61.0203 OP279 Dual Op-Amp single		57,60,1220	22R	MF. 1%, 0204, E24	0 R 112	57.60.1222	2K2	MF, 1%, 0204, E24
50.62.1595 74HC595 8bit shift/output regis	0 R 26	57.60.1103	10K	MF, 1%, 0204, E24	0 11.712	01.00.7222		, .,,,
50.62.1165 74HC165 8bit shift register	0 R 27	57.69.1097	10k	CF 5% 0603	0 81	not used	1*s	SMD Tactswitch
50.62.1165 74HC165 8bit shift register	0 R 28	57.60.1220	22R	MF, 1%, 0204, E24				
50.62.1165 74HC165 8bit shift register	0 R 29	57.60.1220	22R	MF, 1%, 0204, E24	0 XIC 36	53.03.0166	8p	DIL 0.3", löt, gerade
50.62.0130 ULN2003 7*Darlington driver 50.62.1595 74HC595 8bit shift/output regis	0 R30	57.69.1097	10k 22R	CF 5% 0803 MF, 1%, 0204, E24	0 XIC 37	53.03.0165	20p	DIL 0.3", löt, gerade
50.62.1595 74HC595 8bit shift/output regis 50.62.0130 ULN2003 7*Darlington driver	0 R31 0 R32	57.60.1220 57.69.1097	10k	OF 5% 0803	0 Y1	89.01.1016	22 110/6/1	z 22.118 400 MHz. HC 49/U
50.62.1595 74HC595 8bit shift/cutput regis	0 R32	57.60.1220	22R	MF, 1%, 0204, E24	0 11	09.01.1010	22.11049111	22.110 400 MHz, 110 4810
50.62.1165 74HC165 8bit shift register	0 R 34	57.60.1220	22R	MF, 1%, 0204, E24			- End of List -	
50.62.0130 ULN2003 7*Darlington driver	0 R 35	57.69.1097	10k	CF 5% 0603			Life of Life	
50.62.0130 ULN2003 7*Darlington driver	0 R 36	57.69.1097	10k	CF 5% 0603	Comments			
50.62.1595 74HC595 8bit shift/output regis	0 R 37	57.60.1220	22R 22R	MF, 1%, 0204, E24				
50.62.1595 74HC595 8bit shift/output regis 50.62.1595 74HC595 8bit shift/output regis	0 R 38 0 R 39	57.80.1220 57.69.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603				
50.62.1595 74HC595 8bit shift/output regis 50.62.1595 74HC595 8bit shift/output regis	0 R 40	57.69.1097	22R	MF, 1%, 0204, E24				
50.62.1595 74HC595 8bit shift/output regis	0 R40	57.69.1097	10k	CF 5% 0603				
50.62.1595 74HC595 8bit shift/output regis	0 R 42	57,69.1097	10k	CF 5% 0603				
50.62.1595 74HC595 8bit shift/output regis	0 R 43	57.60.1220	22R	MF, 1%, 0204, E24				
50.62.1595 74HC595 8bit shift/output regis	0 R 44	57.69.1097	10k	CF 5% 0603				
50.82.1595 74HC595 8bit shift/output regis	0 R 45	57.60.1220	22R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
50.62,1596 74HC595 8bit shift/output regis 50.62,1596 74HC595 8bit shift/output regis	0 R 46 0 R 47	57.60.1220 57.69.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603				
50.62.1596 74HC595 8bit shift/output regis	0 R48	57,69,1097	10k	CF 5% 0603				
50.62.0130 ULN2003 7*Darlington driver	0 R49	57.60.1220	22R	MF. 1% 0204, E24				
50.62.1595 74HC595 8bit shift/output regis	0 R 50	57.60.1220	22R	MF, 1%, 0204, E24				
50.15.0115 75176 IC SN 75176 BP, D	N, 0 R51	57.60.1220	22R	MF, 1%, 0204, E24				
1.950.908.22 SW 850 MMU (50.16		57.69.1097	10k	CF 5% 0603				
50.62.1014 74HC 14 Hex Schmitt trigger i		57.69.1097	10k	CF 5% 0603				
50.62.1165 74HC165 8bit shift register 50.61.8101 68HC68 A/D Converter 10bit	0 R 54	57.60.1220 57.60.1220	22R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
50,61,8101 68HC68 AVD Converter 10bit	0 R 56	57.60.1220 57.69.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603				
1.950.852.01 mp FRONTPLATTE MM	0 R 57	57.69.1097	10k	CF 5% 0603				
1.950.850.02 mp TRAEGERBLECH N	0 R 58	57.60.1220	22R	MF, 1%, 0204, E24				
1.010.022.21 4 pcs M3*8 L-Schraube IS sw		57.60.1220	22R	MF, 1%, 0204, E24				
24.16.3023 4 pcs WELLENSICHERUN		57.69.1097	10k	CF 5% 0603				
21.01.2352 4 pcs M3*4 S - Schraube Zn gb	0 R 61	57.69.1097	10k	CF 5% 0603				
1.990.100.01 2 pcs QUERPRINTSTUET 1.950.852.04 1 pce STUDER NR. ETIKE	0 R 62	57.60.1220 57.60.1220	22R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
1,950,852.04 1 pce STUDER NR, ETIKE 1,950,852.11 1 pce PROCESSOR PCB	0x20 0 R 63 0 R 64	57.60.1220 57.69.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603				
89.01.1499 1 poe QUARZ - ISOLIERP		57.69.1097	10k	CF 5% 0603				
43.01.0108 1 pce Label ESE-WARNSCHILD	0 R 66	57.80.1220	22R	MF, 1%, 0204, E24				
1 28,99,0119 2 pcs ROHRNIETE D 2	*9 0 R67	57.60.1220	22R	MF, 1%, 0204, E24				
42.01.0414 1 pce Drehknopf D 21/6,	0 R 68	57.69.1097	10k	CF 5% 0603				
42.01.0464 1 pce Deckel D 21, h'gr, of 1.101.001.20 1 pce Label TEXT-ETIK. 5*20 F		57.69.1097	10k	CF 5% 0603				
1.101.001.20 1 pce Label TEXT-ETIK. 5*20 F	/ARE -20 0 R 70	57.60.1220	22R	MF, 1%, 0204, E24				

Front Board MMU 1.950.851.00 / 1.950.853.00



A

Front Board MMU 1.950.851.00 / 1.950.853.00

Front Board MMO 1.950.651.00 / 1.950.653.00							
	MP5	ldx. Pos.	Part No. Qty. Type/Val.	Description	ldx. Pos.	Part No. Qty. Type/Val	Description
MP1 S13 S14 S15 S16 S19	MP3	0 C1 0 C2 0 C3 0 C4 0 C5 0 C6 0 C7	59.06.0104 100n 59.06.0104 100n 59.06.0104 100n 59.06.0104 100n 59.06.0104 100n 59.06.0104 100n 59.06.0104 100n 59.06.0104 100n 59.06.0104 100n	PETP, 63V, 10%, RMS PETP, 63V, 10%, RMS	0 XIC 1 0 XIC 2 0 XIC 3 0 XIC 4 0 XIC 5 0 XIC 6 0 XIC 7 0 XIC 8	53.03.0167 14p 53.03.0167 14p 53.03.0167 14p 53.03.0167 14p 53.03.0167 14p 53.03.0167 14p 53.03.0167 14p 53.03.0167 14p	DIL 0.3", löt, gerade DIL 0.5", löt, gerade DIL 0.5", löt, gerade
S9 S10 S11 S12 S20 RA1	S17	0 DL 1 0 IC 1 0 IC 2 0 IC 3 0 IC 4 0 IC 5 0 IC 6 0 IC 7 0 IC 8	not used LS3380 73.01.0408 4digit	DL LS 3380 , RT DIFF 5°7 Dot matrix display green	<u>Comments</u>	End of List	
	P6 Y	0 IC 8 0 MP 1 0 MP 2 0 MP 3 0 MP 4 0 MP 5 0 MP 6	73.01.0408 4digt 1.990.100.05 mp 1.990.100.05 mp 1.990.100.05 mp 1.990.100.05 mp 1.990.100.05 mp 1.950.851.11 1 pce 1.950.851.04 1 pce	57/ DOI mainx display green QUERPRINTHALTER QUERPRINTHALTER QUERPRINTHALTER GUERPRINTHALTER MAU FROM PCB NR. ETIKETTE 5x20			
S24 S23 S22 S21 S38 C4 C3 C2 C1	S39	0 P3 0 P4 0 P5 0 P6	1.023.391.14 1.023.391.14 1.023.391.14 1.023.391.14	FLACHKABEL 16 POL, 0.14M FLACHKABEL 16 POL, 0.14M FLACHKABEL 16 POL, 0.14M FLACHKABEL 16 POL, 0.14M			
	P3 ¬	0 R 1 0 RA 1 0 RA 2 0 RA 3	57.11.3820 82R 1.950 951.01 1.950.851.01 not used 10k	MF, 1%, 0207 POTENTIOMETER NACHARBEIT POTENTIOMETER NACHARBEIT 1*R, lin	0 RA1 0 RA2 0 RA3	I.950.853.0 not used not used not used 10k	POTENTIOMETER NACHARBEIT POTENTIOMETER NACHARBEIT 1*R, lin
S5 S6 S7 S8 S36	S37	0 S1 0 S2 0 S3 0 S4 0 S5 0 S6	55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS S TASTE 1*A, 12MM, GB/TRANS			
S1 S2 S3 S4 S35	DL1O	0 S7 0 S8 0 S9 0 S10 0 S11 0 S12	55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS S TASTE 1*A, 12MM, GB/TRANS			
C5	S41	0 \$13 0 \$14 0 \$15 0 \$16 0 \$17 0 \$18 0 \$19	55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a not used 1*a 55.15.0704 1*a 55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS S TASTE 1*A, 12MM, GB/TRANS			
S29 S30 S31 S32		0 \$ 20 0 \$ 21 0 \$ 22 0 \$ 23 0 \$ 24 0 \$ 25 0 \$ 26	55.15.0704 1°a not used 1°a	S TASTE 1*A, 12MM, GB/TRANS S TASTE 1*A, 12MM, GB/TRANS			
MP2 S25 S26 S27 S28	S33 S34 MP4	C S 27 C S 28 C S 29 C S 30 C S 31 C S 32 C S 32	55.15.0704 1*a not used 1*a 55.15.0704 1*a 55.15.0704 1*a 55.15.0704 1*a not used 1*a 55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS S TASTE 1*A, 12MM, GB/TRANS			
P5 P4	I = to a a col un un a a	0 S 34 0 S 35 0 S 36 0 S 37 0 S 38 0 S 39 0 S 41	55.15.0704 1°a 55.15.0704 1°a 55.15.0704 1°a 55.15.0704 1°a 55.15.0704 1°a 55.15.0704 1°a 55.12.1303 N=24	S TASTE 1*A, 12MM, GB/TRANS S TASTE 1*A, 12MM, GB/TRANS Drehgeber mil Rasterung			
STUDER REGENSOORF REGENSOORF	### 1.950.851.00						

Assignable Stam Selector

1.950.855.20

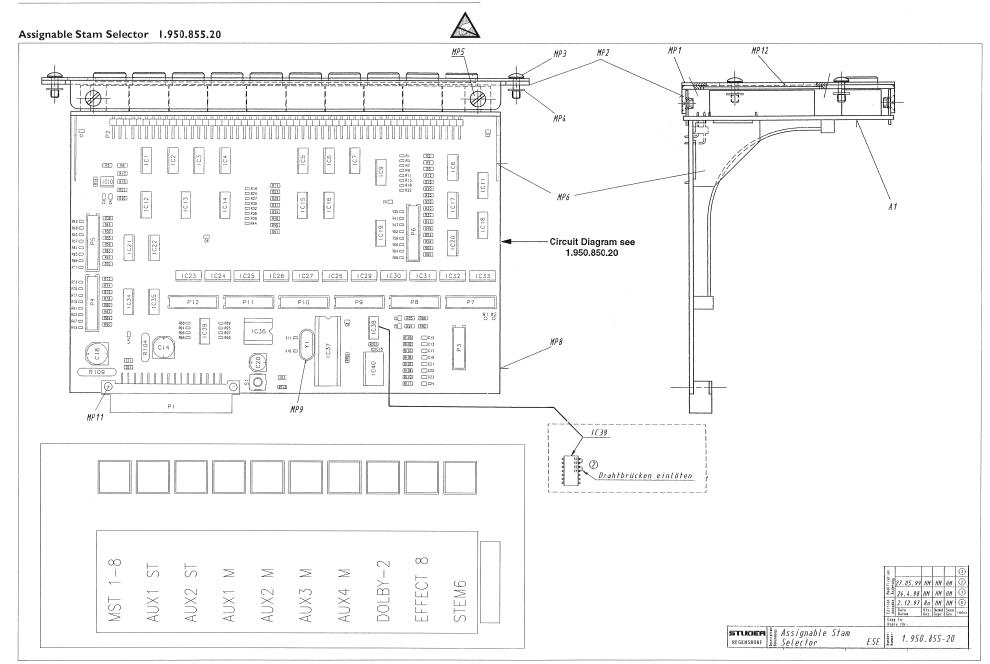
Assignable Stam Selector 1.950.855.20

SC 1.950.850.20 BP 1.950.855.20 PL 1.950.855.22

Front Board Assignable Stam Selector 1.950.856.00

SC 1.950.856.00 BP 1.950.856.00 PL 1.950.856.00

SC:SchemaCircuit DiagramBP:BestückungsplanPCB LayoutPL:PositionslistePositional List





Assignable Stam Selector 1.950.855.22

- Tasigilable	Staill Selecti	· ·	.730.033.22				American				
ldx Pos.	Part No. Qty. Type	e/Val. [Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
0 A1	1.950.856.00 1 pce	- A	ASS FRONT BOARD	0 P1	54.11.2013	32p	EU-BK 2*16a	0 R 75	57.69.1097	10k	CF 5% 0603
				0 P2	54.11.0130 54 pcs		P STIFT,2R WNKL 2 PIN=1 STK	0 R 76	57.63.1220	22R	MF, 1%, 0204, E24
0 C1	59.60.3337 100r		DER 50V, 10%, X7R, 0805	0 P3	not used	12p	PCB-Buchse gerade	0 R 77	57.69.1097	10k	CF 5% 0603
0 C2 0 C3	59.60.3337 100r 59.60.3315 1n5		DER 50V, 10%, X7R, 0805 DER 50V, 10%, X7R, 0805	0 P4 0 P5	not used not used	16p 16p	PCB-Buchse gerade PCB-Buchse gerade	0 R 78 0 R 79	57.63.1220 57.63.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603
0 C4	59.60.3337 100r		DER 50V, 10%, X7R, 0805	0 P6	not used	16p	PCB-Buchse gerade	0 R 80	57.63.1220	22R	MF, 1%, 0204, E24
0 C5	59.60.3337 100r		CER 50V, 10%, X7R, 0805	0 P7	54.14.5514	14p	PCB-Buchse gerade	0 R 81	57,69,1097	10k	CF 5% 0603
0 C6	59.60.3337 100r		CER 50V, 10%, X7R, 0805	0 P8	54.14.5514	14p	PCB-Buchse gerade	0 R 82	57.63.1220	22R	MF, 1%, 0204, E24
0 C7	59.60.2373 1n0		CER 50V, 5%, COG, 0805	0 P9	54.14.5514	14p	PCB-Buchse gerade	0 R 83	57.69.1097	10k	CF 5% 0603
0 C8 0 C9	59.60.3337 100r 59.60.2373 1n0		CER 50V, 10%, X7R, 0805 CER 50V, 5%, C0G, 0805	0 P10 0 P11	54.14.5514 54.14.5514	14p 14p	PCB-Buchse gerade PCB-Buchse gerade	0 R 84 0 R 85	57.63.1220 57.63.1104	22R 100K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C9 0 C10	59.60.2373 1n0 59.60.3337 100r		DER 50V, 5%, CUG, 0805 DER 50V. 10%, X7R, 0805	0 P11	54.14.5514	14p	PCB-Buchse gerade	0 R86	57.63.1104	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C10	59.60.2237 33p		CER 50V, 10%, X7K, 0003	0 712	04, 14,00 14	i Tip	1 Ob-Guolisa garace	0 R 87	57.69.1097	10k	CF 5% 0603
0 C12	not used 100r		CER 50V, 10%, X7R, 0805	0 R1	57.69.1097	10k	CF 5% 0603	0 R88	57.69.1097	10k	CF 5% 0603
D C 13	not used 100r	n . C	CER 50V, 10%, X7R, 0805	0 R 2	57.60.1220	22R	MF, 1%, 0204, E24	O R 89	57.69.1097	10k	CF 5% 0603
C 14	59.68.0071 1000		C-EL 16V, 8.0*6.3	0 R3	57.69.1097	10k 22R	CF 5% 0603 MF. 1% 0204, E24	0 R 90	57.60.1220	22R	MF, 1%, 0204, E24
0 C15	not used 18p 59.60.2237 33p		CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0 R4 0 R5	57.60.1220 57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 91 0 R 92	57.60.1104 57.60.1103	100K 10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0 C 16 0 C 17	not used 100r		CER 50V, 10%, X7R, 0805	0 R6	57.60.1153	15K	MF. 1%, 0204, E24	0 R93	57.69.1097	10k	CF 5% 0603
0 C18	59.68.0071 100		C-EL 16V, 8.0*6.3	0 R7	57.69.1097	10k	CF 5% 0603	0 R 94	57.69.1097	10k	CF 5% 0603
0 C 19	not used 100r		CER 50V, 10%, X7R, 0805	0 R8	57.60.1220	22R	MF, 1%, 0204, E24	0 R 95	57.69.1097	10k	CF 5% 0603
C 20	59.68.0029 100		C-EL 6V, 6.3*5.7	0 R9	57.69.1097	10k	CF 5% 3603	0 R 96	57.69.1097	10k	CF 5% 0603
C 21	not used 100s		CER 50V, 10%, X7R, 0805	0 R 10	57.60.1105	1M	MF, 1%, 0204, E24	0 R 97	57.69.1097	10k	CF 5% 0603
C 22	not used 100s		CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 R 11 0 R 12	57.69.1097 57.60.1220	10k 22R	CF 5% 3603 MF 1% 0204 F24	0 R98 0 R99	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603
0 C 23 0 C 24	not used 100s not used 100s		CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 R12 0 R13	57.60.1220 57.69.1097	10k	OF 5% 1603	0 R 100	57.69.1097 nct used	ORO	MF. 0204
. 524	1101 0200 1001			0 R 14	57.60.1103	10K	MF, 1%, 0204, E24	0 R 101	nct used	15R	MF, 1%, 0204, E24
D 1	50.60.8001 4444		200mA 75V 4ns SOD 80	0 R 15	57.60.1562	5K6	MF, 1%, 0204, E24	0 R 102	nct used	0R0	MF, 0204
D 2	50.60.8001 4441		200mA 75V 4ns SOD 80	0 R 16	57.60.1220	22R	MF, 1%, 0204, E24	0 R 103	nct used	0R0	MF, 0204
D 3	50.60.8001 4444	8 2	200mA 75V 4ns SOD 80	0 R 17	57.60.1220	22R 10k	MF, 1%, 0204, E24 CF 5% 0603	0 R 104 0 R 105	57,92,7053	1.6A 0R0	POLY- PTC, 30V
IC 1	50.62.1595 74H	C595 F	Bbit shift/output register	0 R 18 0 R 19	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603	0 R 105	57.60.1000 nct used	0R0 0R0	MF, 0204 MF, 0204
) IC1			Bbit shift/output register Bbit shift/output register	0 R 20	57.60.1220	22R	MF, 1%, 0204, E24	0 R 107	nct used nct used	ORO	MF. 0204
0 IC3			Bbit shift/output register	0 R 21	57.60.1105	1M	MF, 1%, 0204, E24	0 R 108	nct used	0R0	MF, 0204
0 IC 4			6bit shift/output register	0 R 22	57.69.1097	10k	CF 5% 0603	0 R 109	57.92.7056	2.5A	POLY- PTC, 30V
IC 5			Bbit shift/output register	0 R 23	57.60.1220	22R	MF, 1%, 0204, E24	0 R 110	nct used	0R0	MF, 0204
0 IC 6			Bbit shift/output register	0 R 24 0 R 25	57.69.1097 57.60.1220	10k 22R	CF 5% 0603 MF, 1%, 0204, E24	0 R 111 0 R 112	nct used	0R0 2K2	MF, 0204 MF, 1%, 0204, E24
0 IC 7 0 IC 8			8bit shift/output register 7*Darlington driver	0 R 25	57.60.1220	10K	MF, 1%, 0204, E24	U K112	57.60.1222	21/2	MF, 1%, U2U4, E24
0 109	50.62.0165 74H		8bit shift register	0 R 27	57.69.1097	10k	CF 5% 0603	0 \$1	nct used	1*s	SMD Tactswitch
0 IC 10	50.61.0203 OP2		Dual Op-Amp single supply	0 R 28	57.60.1220	22R	MF, 1%, 0204, E24				
0 IC 1'			8bit shift/output register	0 R 29	57.60.1220	22R	MF, 1%, 0204, E24	0 XIC 36	53.03.0166	8p	DIL 0.3", löt, gerade
IC 12		C165 8	8bit shift register	0 R 30	57.69.1097	10k 22R	CF 5% 0603 MF 1% 0204 F24	0 XIC 37	53.03.0165	20p	DIL 0.3", löt, gerade
D IC 13			8bit shift register	0 R 31 0 R 32	57.60.1220 57.69.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603	0 Y 1	89.01.1016	22 110/04	z 22.118 400 MHz, HC 49/U
0 IC 14 0 IC 15			8bit shift register 7*Darlington driver	0 R32	57.69.1097	22R	MF. 1%, 0204, E24	U 11	89.01.1016	22.1104//17.	2 22.118 400 MHZ, HC 49/0
0 IC 16			8bit shift/output register	0 R 34	57.60.1220	22R	MF, 1%, 0204, E24			End of List-	
0 IC 17	50.62.0130 ULN	N2003	7*Darlington driver	0 R 35	57.69.1097	10k	CF 5% 0603			Life of List—	
0 IC 18			8bit shift/output register	0 R 36	57.69.1097	10k	CF 5% 0603	Comments			
0 IC 19			8bit shift register	0 R 37	57.60.1220	22R 22R	MF, 1%, 3204, E24 MF, 1%, 3204, E24				
IC 20 IC 21			7*Darlington driver . 7*Darlington driver	0 R38 0 R39	57.60.1220 57.69.1097	10k	OF 5% 0603				
0 IC 22			8bit shift/output register	0 R40	57.60.1220	22R	MF, 1%, J204, E24				
IC 23			8bit shift/output register	0 R 41	57.69.1097	10k	CF 5% 0603				
IC 24	50.62.1595 74	HC595	Bbit shift/output register	0 R 42	57.69.1097	10k	CF 5% 0603				
IC 25		1C595	Bbit shift/output register	0 R 43	57.60.1220	22R	MF, 1%, 0204, E24				
IC 26			8bit shift/output register	0 R 44	57.69.1097	10k 22R	CF 5% 0603				
IC 27 IC 28			8bit shift/output register 8bit shift/output register	0 R 45 0 R 46	57.60.1220 57.60.1220	22R 22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
IC 28 IC 29			abit shift/output regisler 8bit shift/output regisler	0 R 46	57.69.1097	10k	NF, 1%, 0204, E24 CF 5% 0603				
IC 30			8bit shift/output register	0 R48	57.69.1097	10k	CF 5% 0603				
IC 31			8bit shift/output regisler	0 R 49	57.60.1220	22R	MF, 1%, 0204, E24				
IC 32	50.62.1595 74H		8bit shift/output register	0 R 50	57.60.1220	22R	MF, 1%, 0204, E24				
IC 33			8bit shift/output register	0 R 51	57.60.1220	22R	MF, 1%, 0204, E24				
IC 34			7*Darlington driver	0 R 52	57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603				
I IC 35 I IC 36	50.62.1595 74F 50.15.0°15 751		8bit shift/output register IC SN 75176 BP, DS 3695 N,	0 R 53 0 R 54	57.69.1097 57.60.1220	10k 22R	CF 5% 0803 MF. 1% 0204, E24				
1 IC 36	1 950 907.22		SW 855 ASS (50.16.0313)	0 R 55	57.60.1220	22R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
0 IC 38			Hex Schmitt trigger inverter	0 R 56	57.69.1097	10k	CF 5% 0603				
) IC 39	50.62.1165 74H	HC165	8bit shift register	0 R 57	57.69.1097	10k	CF 5% 0603				
0 IC 40		HC68	A/D Converter 10bit 8Ch SO 20	0 R 58	57.60.1220	22R	MF, 1%, 0204, E24				
				0 R 59	57.60.1220	22R	MF, 1%, 0204, E24				
MP1	1.950.855.01 1 pce 1.950.855.02 1 pce		FRONTPLATTE ASS TRAEGERBLECH ASS	0 R60 0 R61	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603				
D MP2 D MP3	1.950.855.02 1 pce 1.010.022.21 4 pcs M3*		L-Schraube IS sw spezial	0 R 61 0 R 62	57.69.1097 57.60.1220	10K 22R	MF, 1%, 0204, E24				
MP4	24.16.3032 4 pcs MS		WELLENSICHERUNG 3.2	0 R 63	57,60,1220	22R	MF, 1%, 0204, E24				
0 MP5	21.01.2352 4 pcs M3*	*4	S - Schraube Zn gb chr	0 R 64	57.69.1097	10k	CF 5% 0603				
0 MP6	1.990.100.01 2 pcs		QUERPRINTSTUETZE	0 R 65	57.69.1097	10k	CF 5% 0603				
0 MP 7	1.950.855.04 1 pce		STUDER NR. ETIKETTE 10x20	0 R 66	57.60.1220	22R	MF, 1%, 0204, E24				
1 MP 8	1,950.852.11 1 pce		PROCESSOR PCB QUARZ - ISOLIERPLATTE	0 R 67	57.60.1220 57.69.1097	22R 10k	MF, 1%, 0204, E24 CF 5% 0603				
0 MP 9 0 MP 10	89.01.1499 1 pce 43.01.0108 1 pce Lab		QUARZ - ISOLIERPLATTE ESE-WARNSCHILD	0 R 68 0 R 69	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603				
0 MP10 0 MP11	43.01.0108 1 pce Lac 28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0 R 59 0 R 70	57.69.1097 57.60.1220	22R	MF, 1%, 0204, E24				
0 MP12	1,950,855.03 1 pce		GRUENFILTER	0 R71	57.69.1097	10k	CF 5% 0603				
0 MP 13	1,101.001.20 1 poe Lab		TEXT-ETIK, 5*20 HARDWARE -20	0 R 72	57.60.1220	22R	MF, 1%, 0204, E24				
1 MP 14	1.950.855.05 1 pce		ISOLATION ASS	0 R 73	57.69.1097	10k	CF 5% 0603				
1 MP 15	43.10.0110 A		Revisions-Etikette 5mm h'blau	0 R 74	57,60,1220	22R	MF, 1%, 0204, E24				

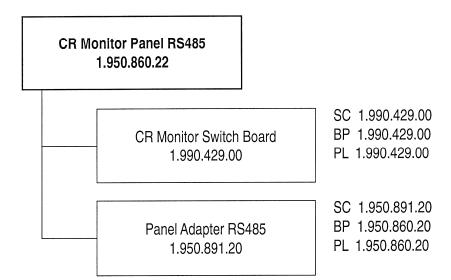
Front Board Assignable Stam Selector 1.950.856.00 P2 21b = KEY_0 P2 25b CKEY_4 P2 27b KEY_6 P2 23b = KEY_2 P2 45b P2 46a P2 46b P2 22b = KEY_1 P2 24b KEY_3 P2 26b = KEY_5 P2 28b KEY_7 VCC CLRSL WR AGAI 28 2 0 1 6 22 2 0 1 6 2 0 1 6 1 2 0 1 6 282016 28 2 0 1 6 2016 00_01SP1 02_01SP1 03_01SP1 04_01SP1 05_01SP1 DISP2 DISP2 DISP2 DISP2 DISP2 DISP2 DISP3 DISP3 DISP3 DISP3 DISP3 DISP3 8258288 822228 vcc 4 25 2 0 1 6 20 1 6 25 2 0 1 6 2016 2 0 1 6 2 0 1 6 **2** 2 0 1 6 2 0 1 6 222222 0 0 0 0 0 0 0 100000 000000 0 0 0 0 0 0 0000000 000000 1SP12 = 01SP12 = 01SP12 = 01SP12 = 01SP12 = 01SP13 = 00_01SP16 01_01SP16 02_01SP16 03_01SP16 05_01SP16 1015P1 8888888 852228 882325 822828 92.22.29 D950 PAGE OF Frontboard ASS SC 1.950.856.00 STUDER

Front Board Assignable Stam Selector 1.950.856.00

	MP5	ldx. Pos.	Part No. Qty. Type	/Val. Description	ldx. Pos.	Part No. Qty	. Type/Val.	Description
P1		0 01	59.08.0104 100r	PETP, 63V, 10%, RM5	0 XIC 16	53.03.0167	140	DIL 0.3", lõt, gerade
		0 C 2	59.06.0104 100r		0 XIC 17	53.03.0167	14p	DIL 0.3", löt, gerade
	MP3	0 C3	59.06.0104 100r		0 XIC 18	53.03.0167	14p	DIL 0.3", löt, gerade
***Ih	[C19] [C20] [D] [C20]	0 C4 0 C5	59.06.0104 100r 59.06.0104 100r		0 XIC 19	53.03.0167	14p	DIL 0.3", löt, gerade
1111		0 C6	59.06.0104 100r		0 XIC 20	53,03,0167	14p	DiL 0.3", löt, gerade
l U		0 C7	59.06.0104 100r	PETP, 63V, 10%, RM5				
1	S10 U	0 C8	59.06.0104 100r	PETP, 63V, 10%, RM5			-End of List -	
1	IC19 IC20 IC20	0 09	59.06.0104 100r		Comments			
1		0 C10 0 C11	59.06.0104 100a 59.06.0104 100a	PETP, 63V, 10%, RM5 PETP, 63V, 10%, RM5				
	C17 C18	0 012	59.06.0104 100					
		0 013	59.06.0104 100					
		0 C 14	59.06.0104 100					
		0 015	59.08.0104 100					
1		0 0.16 0 0.17	59.06.0104 100i					
		0 018	59.06.0104 100					
1	C15 C16	0 0 19	59.06.0104 100	PETP, 63V, 10%, RM5				
1		0 0 20	59.06.0104 100	PETP, 63V, 10%, RM5				
1		0 IC 1 0 IC 2	73.01.0408 4dig 73.01.0408 4dig	it 5*7 Dot matrix display green it 5*7 Dot matrix display green				
1	C15 C16	0 103	73.01.0408 4dig					
	C13 C14 0 0	0 IC 4	73.01.0408 4dig	it 5*7 Dot matrix display green				
	C13 C14 9	0 IC 5	73.01.0408 4dig	it 5*7 Dot matrix display green				
		0 IC 6 0 IC 7	73.01,0408 4dig					
		0 IC7 0 IC8	73.01.0408 4dig 73.01.0408 4dig					
		0 10 9	73.01.0408 4dig					
1		0 IC 10	73.01.0408 4dig					
1	C11 C12	0 IC 11	73.01.0408 4dig					
		0 IC 12	73.01.0408 4dig					
1		0 IC 13 0 IC 14	73.01.0408 4dlg					
	S6 S6 S6 S6 S6 S6 S6 S6	0 IC 15	73.01.0408 4dig 73.01.0408 4dig	it 5*7 Dot matrix display green				
	1011 1012	0 IC 16	73.01.0408 4dis	it 5*7 Dot matrix display green				
		0 IC 17	73.01.0408 4dig					
	<u>C9</u> <u>C10</u>	0 IC 18	73.01.0408 4dig	it 5*7 Dot matrix display green				
		0 IC 19	73.01.0408 4dig					
	\$55 \ \ \ \ \ \ \ \ \ \ \ \ \	0 IC 20	73.01.0408 4dig	it 5*7 Dot matrix display green				
		0 MP1	1.990.100.05 mp	QUERPRINTHALTER				
		0 MP2	1.990.100.05 mp	QUERPRINTHALTER				
		0 MP3	1,990,100,05 mp	QUERPRINTHALTER				
	[C7] [C8] [a]	0 MP 4	1.990,100,05 mp	QUERPRINTHALTER				
		0 MP5	1.950.856.11 1 pce	ASS FRONT PCB				
		0 MP6	1.950.856.04 1 pce	NR. ETIKETTE 5x20				
		0 P2	not used 2p	P STIFT,2R WNKL 2 PIN=1 STK.				
	1C7 1C8 · 1C8	0 P7	1.023.391.11	FLACHKABEL 14 POL. 0.11M				
	C5 C6	0 P8.	1.023.391.11	FLACHKABEL 14 POL. 0.11M				
		0 P9	1.023.391.11	FLACHKABEL 14 POL. 0.11M				
		0 P10 0 P11	1.023.391.11	FLACHKABEL 14 POL. 0.11M				
	s3 s3	0 P11 0 P12	1.023.391.11 1.023.391.11	FLACHKABEL 14 POL, 0.11M FLACHKABEL 14 POL, 0.11M				
	1C5 1C6			. ENGLISHED 14 FOL. S.TIM				
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0 S1	55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS				
	C3 C4	0 \$ 2	55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS				
		0 S3 0 S4	55.15,0704 1*a					
		0 S4 0 S5	55.15.0704 1*a 55.15.0704 1*a					
		0 S8	55,15.0704 1*a					
	103	0 S7	55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS				
		0 S8	55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS				
	C1	0 89	55.15.0704 1*a					
		0 S 10	55.15.0704 1*a	S TASTE 1*A, 12MM, GB/TRANS				
	S: IIIMP4	0 XIC 1	53.03.0167 14p	DIL 0.3", löt, gerade				
\\		0 XIC 2	53.03.0167 140					
	ICI IC2	0 XIC 3	53.03.0167 14p	DIL 0.3", löt, gerade				
-		0 XIC 4	53.03.0167 14p	DIL 0.3", löt, gerade				
III'	711	0 XIC 5	53.03.0167 14p	DIL 0.3", löt, gerade				
u		0 XIC 6 0 XIC 7	53.03.0167 14p 53.03.0167 14p					
		0 XIC7	53.03.0167 14p 53.03.0167 14p					
		0 XIC 9	53.03.0167 14					
	B GO V	0 XIC 10	53.03.0167 14p	DIL 0.3", löt, gerade				
		0 XIC 11	53.03.0167 14p	DIL 0.3", löt, gerade				
		0 XIC 12	53.03.0167 14p	DIL 0.3", löt, gerade				
	Dote Visio Dote Visio Dotekel Seen I Indox	0 XIC 13	53.03.0167 14p					
	Copy to: Kopie fuer:	0 XIC 14 0 XIC 15	53.03.0167 14p 53.03.0167 14p	DIL 0.3", löt, gerade DIL 0.3", löt, gerade				
		3 AIG 13	33.03.0107 140	DIL 0.3 , IOI, GETAGE				
<u>S</u>	Frontboard ASS 1.950.856.00							
	REGENSDORF Mag F OFF COURT OF ASS Mag 1.950.050.00							

CR Monitor Panel R\$485

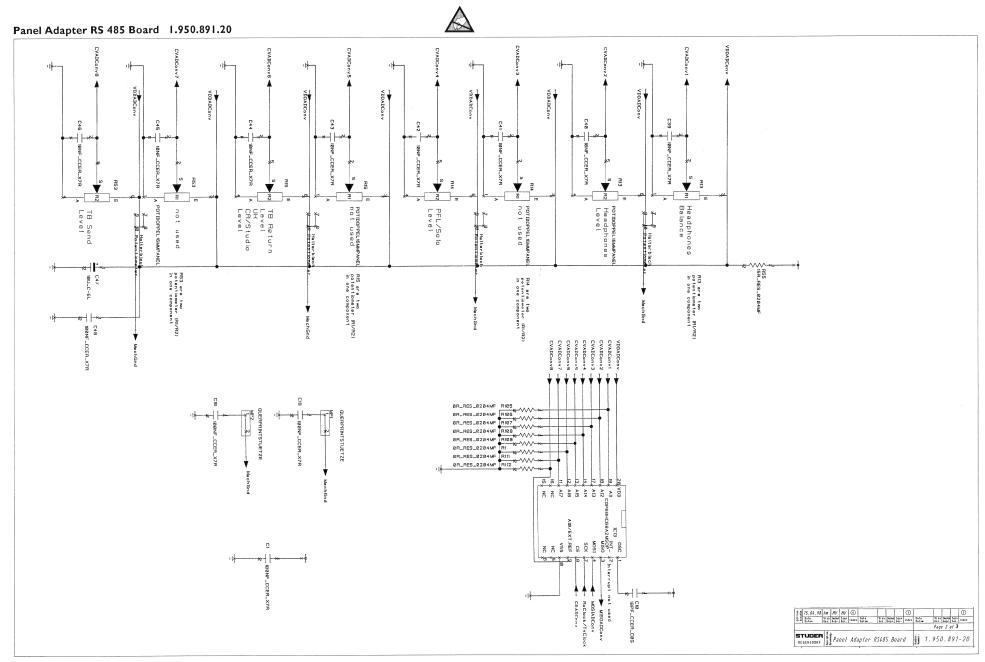
1.950.860.22



SC:SchemaCircuit DiagramBP:BestückungsplanPCB LayoutPL:PositionslistePositional List

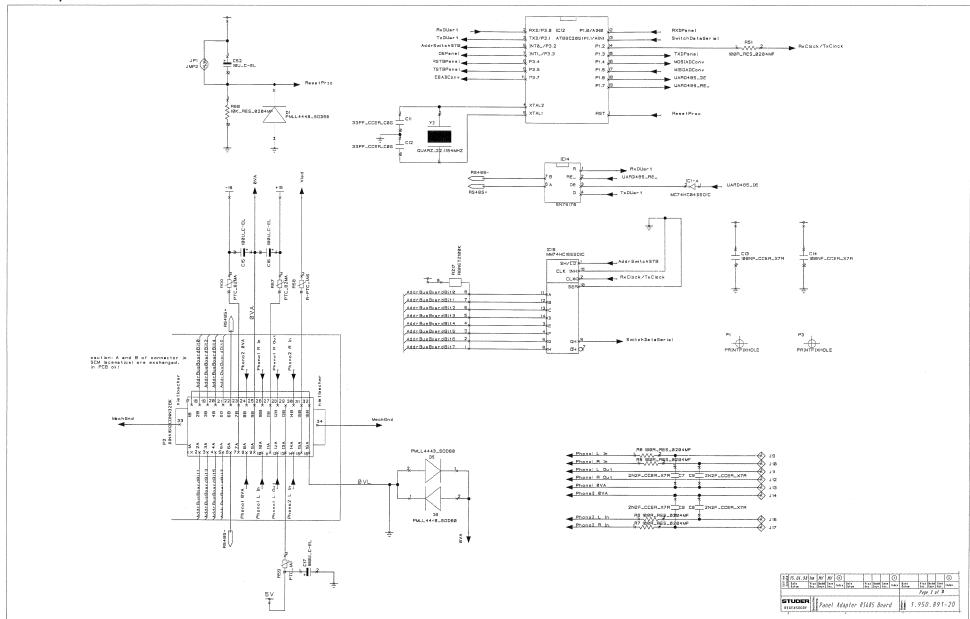
Edition: 27.06.01 Section 6

Panel Adapter RS 485 Board 1.950.891.20		
PS STP*10.65 P803 PN N	The control of the	
	Contract Contract	CST CCER_X7R CCER_X7R CCER_X7R CCER_X7R
Compared Compared	C C C C C C C C C C	Company Comp



Panel Adapter RS 485 Board 1.950.891.20





CR Monitor Panel RS 485 1.950.860.20 MP13 MP12 MP3 (2x) MP4 (2x) MP 1 MP 2 MP5(4x) (4) P5 auf Lötseite bestückt MP6 (2x) 00 P9 F1 R9 R11 TT. ******* Ū, 00000000 MP8 R46 ******** 5<u>0</u> - 27 - 41 E 2 - 41 0000 HERESTES ******* ******** C13 C1 0000000 R50 [14 L. [14] RS C7 C8 RS R6 . . MP9 MP11 CONTROL ROOM MONITOR 일 일 1 ₽ DIM -20dB (ϕ) MON METER CH 2 MONO

SECTION 6

STUDER

CR MONITOR Panel RS 485

ESE

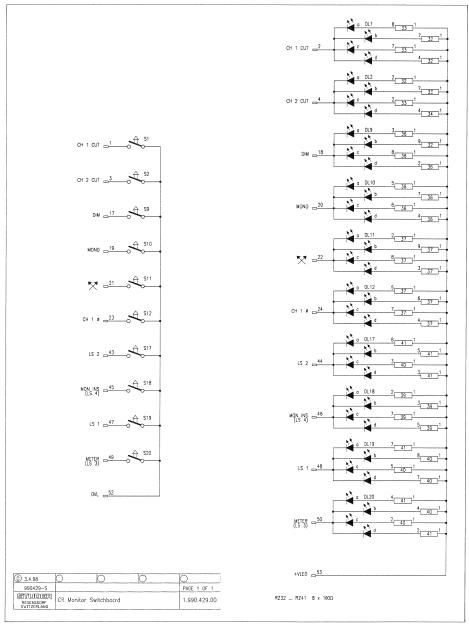
1.950.860-20



CR Monitor Panel RS 485 1.950.860.22

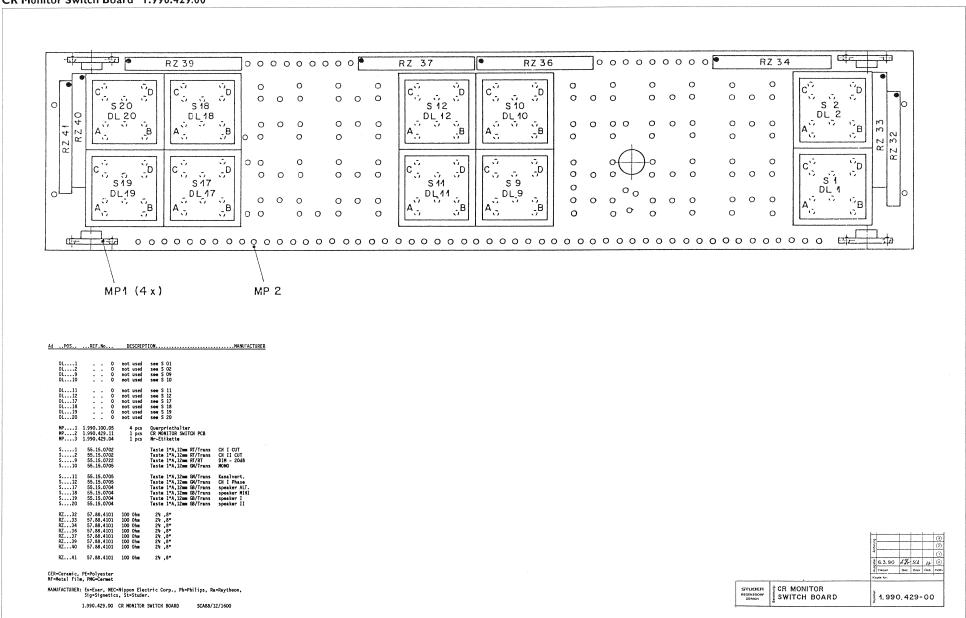
x. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description
	1.990.429.00 1 pce		CR MONITOR SWITCH BOARD	0 0 47	50 60 0001	BC847B	O BC 847 B SOT 23	0 XIC 12	53.03.0165	20p	DIL 0.3*, löt, gerade
				0 Q 48	50,60,0001	BC847B	Q BC 847 B, SOT 23	0 XIC 14	53.03.0166 pce		DIL 0.3", löt, gerade
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 Q 49	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 Y2	89.01.1016	00.440.000	22,118 400 MHz, HC 49/U
	59.60.3337 59.60.3327	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 Q 50 0 Q 51	50.60.0001 50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 Y 2	89.01.1016	22.1184MHz	22.118 400 MHz, HC 49/U
	59.60.3337 59.60.3327	100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X7R, 0805	0 Q 52	50.60.0001	BC847B BC847B	Q BC 847 B SOT 23			- End of List	
	59.60.3327	100n	CER 50V, 10%, X7R, 0805	0 Q 53	50.60.0001	BC847B	Q BC 847 B. SOT 23	-		- end of List	
	59.60.3317	2n2	CER 50V, 10%, X7R, 0605	0 Q 54	50.60.0001	BC847B	Q BC 847 B, SOT 23	Comments:			
	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 Q 55 0 Q 56	50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23				
	59.60.3317	2n2 2n2	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 Q 56 0 Q 57	50.60.0001 50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23				
	59.60.3317 59.60.2231	202 18p	CER 50V, 10%, A/R, 0603	0 Q 57	50.60.0001	BC347B	O BC 847 B SOT 23				
)	59.60.2237	33p	CER 50V, 5%, C0G, 0803								
2	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 R1	not used	0R0	MF, 0204				
13	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 5	57.60.1101	100R	MF, 1%, 0204, E24				
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R6	57.60.1101 57.60.1101	100R 100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
	59.22.4002 59.22.4002	100uF 100uF	EL 16V, 20%, RM5 EL 16V, 20%, RM5	0 R8	57.60.1101	100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
	59.22.4002	100uF	EL 16V, 20%, RM5	0 R9	57.60.1682	6K8	MF, 1%, 0204, E24				
В	59,60,3337	100n	CER 50V, 10%, X7R, 0805	0 R 10	57.60.1682	6K8	MF, 1%, 0204, E24				
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 11	57.60.1682	6K8	MF, 1%, 0204, E24				
	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 12	57.60.1682	6K8	MF, 1%, 0204, E24 POT 2 *100 K LIN				
	59.60.3325	10n 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 R13 0 R14	not used not used	100k 100k	POT 2 *100 K LIN				
	59.60.3325 59.60.3325	10n 10n	CER 50V, 10%, X7R, 0805 CER 50V 10% X7R, 0805	0 R 15	1.010.039.58	TOOK	POT 100K,LIN,21 RASTSTELLUNGEN				
!	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 16	57.60.1682	6K8	MF, 1%, 0204, E24				
4	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 17	57.60.1682	6K8	MF, 1%, 0204, E24				
;	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 18	57,60,1682	6K3	MF, 1%, 0204, E24				
8	59.60.3325 59.22.6100	10n 10u	CER 50V, 10%, X7R, 0805 EL 35V, 20%, RM5	0 R 19 0 R 20	57.60.1682 57.60.1103	6K3 10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
7 8	59.22.6100 59.60.3337	10u 100n	EL 35V, 20%, RM5 CER 50V, 10%, X7R, 0805	0 R 20	57.60.1103 57.60.1682	10K 6K3	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
2	59.60.3337	10un	EL 35V, 20%, RM5	0 R 22	57.60,1682	6K3	MF, 1%, 0204, E24				
-				0 R 23	57.60.1682	6K3	MF, 1%, 0204, E24				
	50.60.8001	4448	D LL 4448 SOD 80	0 R 24	57.60.1682	6K3	MF, 1%, 0204, E24				
5	50.60.8001	4448	D LL 4448 SOD 80	0 R 25	57.60.1682	6K3	MF, 1%, 0204, E24				
6	50.60.8001	4448	D LL 4448 SOD 80	0 R 26 0 R 27	57.60.1682 57.60.1682	6K3 6K3	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
1	50.62.1004	74HC 04	74 HC 04	0 R 28	57.60.1682	6K3	MF, 1%, 0204, E24				
3	50.62.1595	74HC595	74 HC 595	0 R 29	57.60.1682	6K3	MF, 1%, 0204, E24				
4	50.62.1595	74HC595	74 HC 595	0 R 30	57.60.1682	6KB	MF, 1%, 0204, E24				
C 5	50.62.1595	74HC595	74 HC 595	0 R 31	57.60.1682	6KB	MF, 1%, 0204, E24				
C 6	50.62.1595	74HC595 74HC165	74 HC 595 74 HC 165	0 R32 0 R33	57.60.1682 57.60.1682	6KB 6KB	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
8	50.62.1165 50.62.1165	74HC165	74 HC 165 74 HC 165	0 R 34	57.60.1682	6KB	MF, 1%, 0204, E24				
	50.62.1165	74HC165	74 HC 165	0 R 35	57.60.1682	6KB	MF, 1%, 0204, E24				
9 10	50.62.1165	74HC165	74 HC 165	0 R 36	57.60.1682	6KB	MF, 1%, 0204, E24				
12	1.950.900.22		SW 860 MONITOR (50.16.0313)	0 R 37	57,60,1682	6KB	MF, 1%, 0204, E24				
13	50.61.8101	68HC68	A/D Converter 10bit 8Ch SO 20	0 R 38	57.60,1682	6KB	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
14	50.15.0115	75176	IC SN 75176 BP, DS 3695 N,	0 R 40	57.60.1682 57.60.1682	6KB	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
15	50.62.1165	74HC165	74 HC 165	0 R41	57.60.1682	6K8	MF, 1%, 0204, E24				
1	1.990.420.01 1 pc	in.	FRONTSCHILD CR MONITOR	0 R 42	57.60.1682	6K8	MF, 1%, 0204, E24				
2	1.990.490.02 1 pc	:8	TRAEGER SOURCE SELECTOR 20PB	0 R 43	57.60.1682	6KB	MF, 1%, 0204, E24				
3	1.010.022.21 2 pc		L-Schraube IS sw spezial	0 R 44	57.60.1682	6KB	MF, 1%, 0204, E24				
4	24.16.3023 2 pc		WELLENSICHERUNG 2.3	0 R45 0 R46	57.60.1103 57.60.1103	10K 10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
5 6	21.01.2352 4 pc 1.990.100.01 2 pc		S - Schraube Zn gb chr QUERPRINTSTUETZE	0 R 47	57.60.1103	100	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
7	1.990.100.01 2 pc		STUDER NR. ETIKET"E 10x20	0 R 50	57.60.1103	10<	MF, 1%, 0204, E24				
• В	1.950.891.11 1 pc		PANEL ADAPTER RS 485 PCB	0 R 51	57.60.1101	100R	MF, 1%, 0204, E24				
	89.01.1499 1 pc	e	QUARZ - ISOLIERPLATTE	0 R 53	not used	103k	POT 2 *100 K LIN				
10	43.01.010B 1 pc	e Label	ESE-WARNSCHILD	0 R 55 0 R 56	57.60.1150 57.92.1820	15R 94mA	MF, 1%, 0204, E24 PTC 60V 50 Ohm				
11 12	28.99.0119 2 pc		ROHRNIETE D 2.5 0.15 9	0 R56	57.92.1820 57.92.1820	94 nA 94 nA	PTC, 60V, 50 Ohm PTC, 60V, 50 Ohm				
12 13	42.01.0233 1 pc 42.01.0257 1 pc		KNEBELKNOPF GR D 15/4 DECKEL H'GR ZU KNOPF-D 15	0 R 58	57.92.7016	1.6A	POLY- PTC, 50V				
14	1.101.001.20 1 pc	e Inhai	TEXT-ETIK. 5*20 HARDWARE -20	0 R 59	57.92.7016	1.6A	POLY- PTC, 50V				
	1.101.001.20 1 pc	e Lavei	TEXT-ETIK 3 20 TIAKBWAKE -20	0 R 60	57.60.1103	10<	MF, 1%, 0204, E24				
2	54.11.2013	32p	EU-BK 2*16p	0 R 105	57.60,1000	ORO	MF, 0204				
5	54.11.0125 53 p	ocs 1p	P STIFT, WINKEL 1 PIN=1 STK.	0 R 106 0 R 107	57.60.1000	OR0	MF, 0204				
				0 R 107 0 R 108	57.60.1000 57.60.1000	ORO ORO	MF, 0204 MF, 0204				
Q 1 Q 2	50.60.0001 50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 R 109	57.60,1000	ORO	MF. 0204				
Q 2	50.60.0001	BC847B	Q BC 847 B. SOT 23	0 R 111	57.60.1000	OR0	MF, 0204				
3 4	50.60.0001	BC847B	Q BC 847 B. SOT 23	0 R 112	57.60.1000	ORO	MF, 0204				
31	50.60.0001	BC847B	Q BC 847 B, SOT 23								
32	50,60,0001	BC847B	Q BC 847 B, SOT 23	0 RZ 17 0 RZ 20	57.88.4104	8*100k	2%, SIP 9				
33	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 RZ 20 0 RZ 21	57.88.4104 57.88.4104	8*100k 8*100k	2%, SIP 9 2%, SIP 9				
34	50.60.0001 50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 RZ 22	57.88.4104	8*100k	2%, SIP 9 2%, SIP 9				
2 35 2 36	50.60.0001 50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 RZ 23	57.88.4104	8**00k	2%, SIP 9				
2 37	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 RZ 30	57.88.4104	8*:00k	2%, SIP 9				
Q 38	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 RZ 31	57.88.4104	8*-00k	2%, SIP 9				
Q 39	50.60.0001	BC847B	Q BC 847 B, SCT 23	0 RZ 32	57.88.4104	8*100k	2%, SIP 9				
40	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 RZ 33	57.88.4104	8*100k	2%, SIP 9				
2 41 2 42	50.60.0001 50.60.0001	BC847B BC847B	Q BC 847 B, SCT 23 Q BC 847 B, SCT 23								
0 42 0 43	50.60.0001 50.60.0001	BC847B BC847B	Q BC 847 B, SCT 23 Q BC 847 B, SCT 23								
Q 44	50.60.0001	BC847B	Q BC 847 B. SCT 23								
45	50.60.0001	BC847B	Q BC 847 B, SCT 23								
46	50.60.0001	BC847B	Q BC 847 B, SCT 23								

CR Monitor Switch Board 1.990.429.00



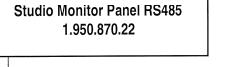
SECTION 6

CR Monitor Switch Board 1.990.429.00



Studio Monitor Panel R\$485

1.950.870.22



Studio Monitor Switch Board 1.990.439.00 SC 1.990.439.00 BP 1.990.439.00 PL 1.990.439.00

Panel Adapter RS485 1.950.891.20 SC 1.950.891.20 BP 1.950.870.20 PL 1.950.870.20

SC:SchemaCircuit DiagramBP:BestückungsplanPCB LayoutPL:PositionslistePositional List

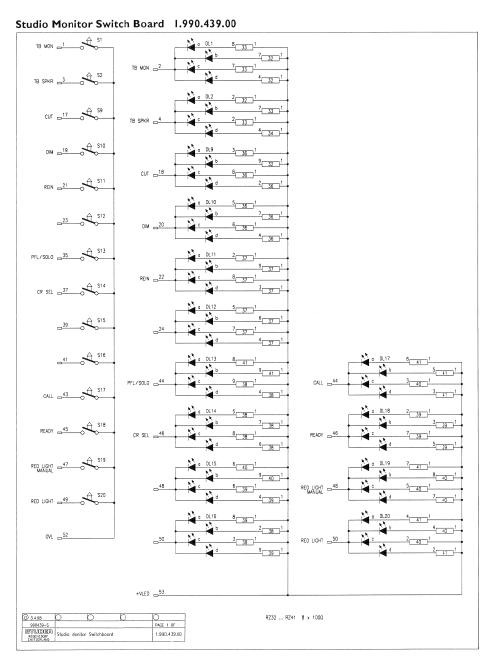
Studio Monitor Panel RS 485 1.950.870.20 MP 13 MP 12 MP3 (2x) MP4 (2x) MP 1 MP 2 MP5(4x) **(b) (** Α1 P5 auf Lötseite bestückt MP6(2x) $\Omega\Omega$ R9 R2 R11 C41 C42 n 11 0 Jes | 121 Ü, 00000000 00000000 00000000 MP8 ZZ 0 E55 C48 -----... C2 R45 15111111 000000000 STUDER (.950.891.88 IC9 50 C4 9999 HARRIER HHHHEE HHHHHH S THINK C13 C1 00000000 0000000 C14 . . STUDIO STUDIO MONITOR RED L T/B MON. PFL/ SOLO REIN CALL CUT SIGNAL 27.6.97 B IM IM SPKR SPKR RED LIGHT 원유 \mathbb{R} STUDER STUDIO MONITOR 1.950.870-20 Panel RS 485 ESE

SECTION 6



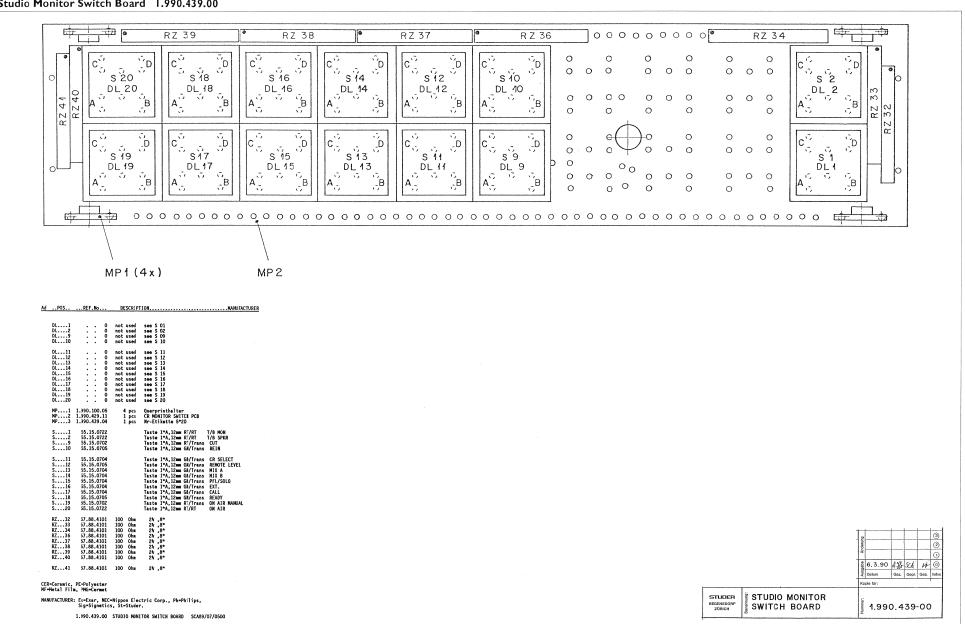
Studio Monitor Panel RS 485 1.950.870.22

	raitivo. uty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.		Type/Val.		
	1,990,439.00 1 pce		STUDIO MONITOR SWITCH BOARD	0 Q 46	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 XIC 12	53.03.0165	20p	DIL 0.3", löt, gerade	
				0 Q 47	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 XIC 14	53.03.0166 pce	8р	DIL 0.3", löt, gerade	
	59.60,3337	100n	CER 50V, 10%, X7R, 0805	0 Q 48	50.60.0001	BC847B	Q BC 847 B, SOT 23					
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 Q 49	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 Y 2	89.01.1016	22.1184MHz	22.118 400 MHz, HC 49/U	
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 Q 50	50.60.0001	BC847B	Q BC 847 B, SOT 23					
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 Q 51	50.60.0001	BC847B	Q BC 847 B, SOT 23			End of List		
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 Q 52	50.60.0001	BC847B	Q BC 847 B, SOT 23					
	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 Q 53	50.60.0001	BC847B	Q BC 847 B, SOT 23	Comments:				
		2n2	CER 50V, 10%, X7R, 0605	0 Q 54	50.60.0001	BC847B	Q BC 847 B, SOT 23					
	59.60.3317	2n2	CER 50V, 10%, X7R, 0505	0 Q 55	50.60.0001	BC847B	Q BC 847 B, SOT 23					
	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 Q 56	50,60.0001	BC847B	Q BC 847 B, SOT 23					
	59.60.2231	18p	CER 50V, 5%, C0G, 0603	0 Q 57	50.60.0001	BC847B	Q BC 847 B, SOT 23					
	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 Q 58	50.60.0001	BC847B	Q BC 847 B, SOT 23					
	59.60.2237	33p	CER 50V, 5%, C0G, 0603									
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R1	not used	0R0	MF, 0204					
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 5	57.60.1101	100R	MF, 1%, 0204, E24					
	59.22.4002	100uF	EL 16V, 20%, RM5	0 R6	57.60.1101	103R	MF, 1%, 0204, E24					
	59.22.4002	100uF	EL 16V. 20%, RM5	0 R7	57.60.1101	100R	MF, 1%, 0204, E24					
	59.22.4002	100uF	EL 16V, 20%, RM5	0 R8	57.60.1101	100R	MF, 1%, 0204, E24					
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R9	57.60.1682	6K8	MF, 1%, 0204, E24					
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 10	57.60.1682	6K8	MF, 1%, 0204, E24					
	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 11	57.60.1682	6K8	MF, 1%, 0204, E24					
	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 12	57.60.1682	6KB	MF, 1%, 0204, E24					
	59,60,3325	10n	CER 50V, 10%, X7R, 0805	0 R 13	not used	100k	POT 2 *100 K LIN					
	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 14	not used	100k	POT 2 *100 K LIN					
	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 15	1,010.039.58		POT 100K,LIN,21 RASTSTELLUNGEN					
	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 16	57.60.1682	6KB	MF, 1%, 0204, E24					
	59.60.3325	10n	CER 50V, 10%, X7R, 0805	0 R 17	57.60.1682	6K8	MF, 1%, 0204, E24					
	59.60,3325	10n	CER 50V, 10%, X7R, 0805	0 R 18	57.60.1682	6K8	MF, 1%, 0204, E24					
	59.22.6103	10u	EL 35V, 20%, RM5	0 R 19	57.60.1682	6K8	MF, 1%, 0204, E24					
	59.60.3337	100n	CER 50V. 10%, X7R, 0805	0 R 20	57.60.1103	10K	MF, 1%, 0204, E24					
	59.22.6100	10u	EL 35V, 20%, RM5	0 R 21	57.60.1682	6K8	MF, 1%, 0204, E24					
				0 R 22	57.60.1682	6K8	MF, 1%, 0234, E24					
	50.60.8001	4448	D LL 4448 SOD 80	0 R 23	57.60.1682	6K8	MF, 1%, 0234, E24					
	50 60 8001	4448	D LL 4448 SOD 80	0 R 24	57.60.1682	6K8	MF, 1%, 0234, E24					
	50.60.8001	4448	D LL 4448 SOD 80	0 R 25	57.60.1682	6K8	MF, 1%, 0234, E24					
	00.0010001			0 R 26	57.60.1682	6K8	MF, 1%, 0234, E24					
	50.62.1004	74HC 04	74 HC 04	0 R 27	57.60.1682	6K8	MF, 1%, 0234, E24					
	50.62.1596	74HC595	74 HC 595	0 R 28	57.60.1682	6K8	MF, 1%, 0204, E24					
	50.62.1595	74HC595	74 HC 595	0 R 29	57.60.1682	6K8	MF, 1%, 0234, E24					
	50.62.1595	74HC595	74 HC 595	0 R 30	57.60.1682	6K8	MF, 1%, 0204, E24					
	50,62,1595	74HC595	74 HC 595	0 R 31	57.60.1682	6K8	MF, 1%, 0204, E24					
	50.62.1165	74HC165	74 HC 165	0 R 32	57.60.1682	6K8	MF, 1%, 0204, E24					
	50.62.1165	74HC165	74 HC 165	0 R 33	57.60.1682	6KB	MF, 1%, 0204, E24					
	50.62.1165	74HC165	74 HC 165	0 R 34	57.60.1682	6K8	MF, 1%, 0204, E24					
	50.62.1165	74HC165	74 HC 165	0 R 35	57.60.1682	6K8	MF, 1%, 0204, E24					
	1.950.900.22		SW 860 MONITOR (50.16.0313)	0 R 36	57.60.1682	6K8	MF, 1%, 0204, E24					
3	50.61.8101	68HC68	A/D Converter 10bit 8Ch SO 20	0 R 37	57.60.1682	6K8	MF, 1%, 0204, E24					
4	50.15.0115	75176	IC SN 75176 BP, DS 3695 N,	0 R 38	57.60.1682	6K8	MF, 1%, 0204, E24					
	50.62.1165	74HC165	74 HC 165	0 R 39	57.60.1682	6K8	MF, 1%, 0204, E24					
				0 R 40	57.60.1682	6K8	MF, 1%, 0204, E24					
	1,990,430,01 1 pce		FRONTSCHILD STUDIO MONITOR	0 R 41	57.60.1682	6K8	MF, 1%, 0204, E24					
	1.990.490.02 1 pce		TRAEGER SOURCE SELECTOR 20PB	0 R 42	57.60.1682	6K8	MF, 1%, 0204, E24					
	1.010.022.21 2 pcs		L-Schraube IS sw spezial	0 R 43	57.60,1682	6K8	MF, 1%, 0204, E24					
	24.16.3023 2 pcs		WELLENSICHERUNG 2.3	0 R 44	57.60,1682	6K8	MF, 1%, 0204, E24					
	21.01.2352 4 pcs		S - Schraube Zn ob chr	0 R 45	57.60.1103	10K	MF, 1%, 0204, E24					
	1.990.100.01 2 pcs		QUERPRINTSTUETZE	0 R 46	57.60.1103	10K	MF, 1%, 0204, E24					
	1.950.870.04 1 pce		STUDER NR. ETIKETTE 10×20	0 R 47	57.60.1103	10K	MF, 1%, 0204, E24					
	1.950.891.11 1 pce		PANEL ADAPTER RS 485 PCB	0 R 50	57.60.1103	10K	MF, 1%, 0204, E24					
	89.01.1499 1 pce		QUARZ - ISOLIERPLATTE	0 R 51	57.60.1101	100R	MF, 1%, 0204, E24					
)	43.01.0108 1 pce		ESE-WARNSCHILD	0 R 53	not used	100k	POT 2 *100 K LIN					
1	28.99.0119 2 pcs	20000	ROHRNIETE D 2.5*0.15* 9	0 R 55	57.60.1150	15R	MF, 1%, 0204, E24					
	42.01.0233 1 pce		KNEBELKNOPF GR D 15/4	0 R 56	57.92.1820	94mA	PTC, 60V, 50 Ohm					
:	42.01.0257 1 pce		DECKEL H'GR ZU KNOPF-D 15	0 R 57	57.92.1820	94mA	PTC, 60V, 50 Ohm					
	1.101.001.20 1 pcs		TEXT-ETIK, 5*20 HARDWARE -20	0 R 58	57.92.7016	1.6A	POLY- PTC, 50V					
•	2.122 . pos			0 R 59	57.92.7016	1.6A	POLY- PTC, 50V					
	54.11.2013	32p	EU-BK 2*16p	0 R 60	57.60.1103	10K	MF, 1%, 0204, E24					
	54.11.0125 53 pc		P STIFT.WINKEL 1 PIN=1 STK.	0 R 105	57.60.1000	CRO	MF, 0204					
	oo po	-	.,	0 R 106	57.60.1000	CRO	MF, 0204					
	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 R 107	57.60.1000	CR0	MF, 0204					
	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 R 108	57.60.1000	CR0	MF, 0204					
	50.60.0001	BC847B	Q BC 847 B. SOT 23	0 R 109	57.60.1000	CRO	MF, 0204					
	50.60.0001	BC847B	Q BC 847 B: SOT 23	0 R 111	57.60.1000	(R0	MF, 0204					
	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 R 112	57.60.1000	(R0	MF, 0204					
	50.60.0001	BC847B	Q BC 847 B, SOT 23									
	50.60.0001	BC847B	Q BC 847 B. SOT 23	0 RZ 17	57.88.4104	8*100k	2%, SIP 9					
	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 RZ 20	57.88.4104	8*100k	2%, SIP 9					
	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 RZ 21	57.88.4104	8*100k	2%, SIP 9					
5	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 RZ 22	57.88.4104	8*100k	2%, SIP 9					
	50.60.0001	BC847B	Q BC 847 B. SOT 23	0 RZ 23	57.88.4104	8*100k	2%, SIP 9					
	50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 RZ 30	57.88.4104	8*100k	2%, SIP 9					
	50.60.0001	BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 RZ 31	57.88.4104	8*100k	2%, SIP 9					
	50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 RZ 32	57.88.4104	8*100k	2%, SIP 9					
	50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 RZ 32	57.88.4104	8*100k	2%, SIP 9					
	30,00,0001			U R4 33	Jr.00.4104	9 100X	2.0, 000 0					
	50 60 0004											
	50.60.0001 50.60.0001	BC847B BC847B										
	50.60.0001 50.60.0001 50.60.0001	BC847B BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23 Q BC 847 B, SOT 23									



SECTION 6

Studio Monitor Switch Board 1.990.439.00



PFL/TB/HP Panel R\$485

1.950.880.22

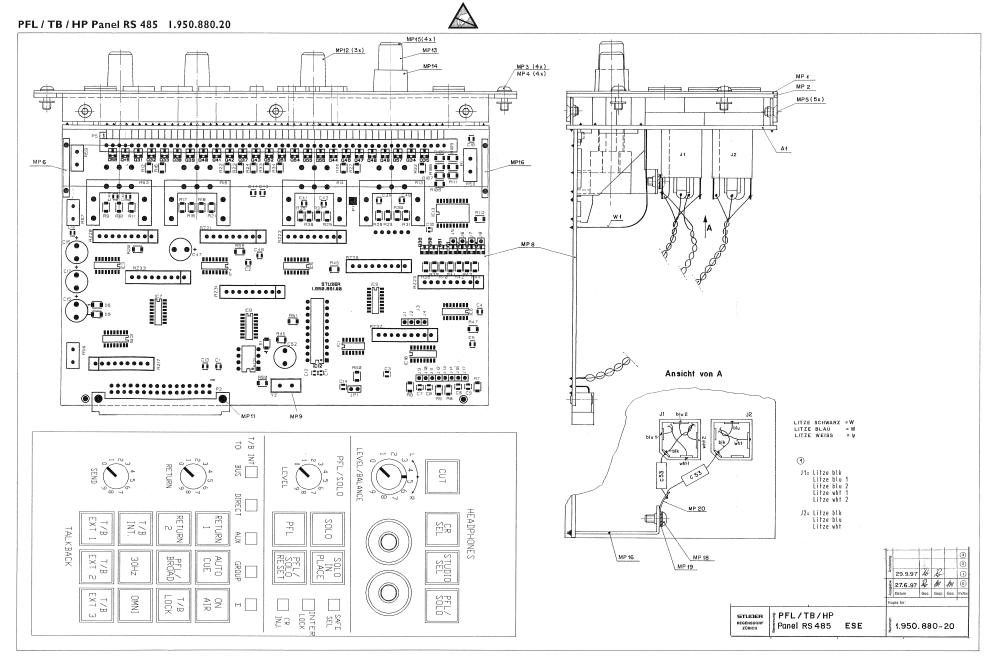


PFL/TB/HP Switch Board 1.990.449.00 SC 1.990.449.00 BP 1.990.449.00

PL 1.990.449.00

Panel Adapter RS485 1.950.891.20 SC 1.950.891.20 BP 1.950.880.20

PL 1.950.880.20



SECTION 6

PFL / TB / HP Panel RS 485 1.950.880.22



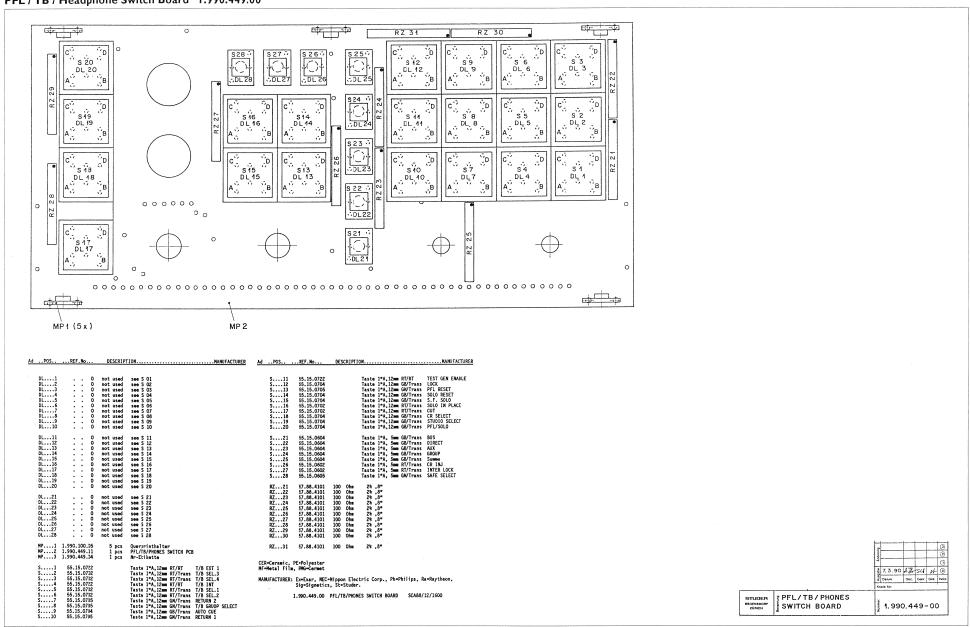
		35 1.950.880.22										
os.	Part No. Qty. Type/Val.	Description	ldx. Pos.	Part No. Qty	. Type/Val.	Description		ldx. Pos.	Part No. Qty.	Type/Val.	Description	
	1.990.449.00 1 pce	PFL/TB/PHONES SWITCH BOARD	0 Q35	50.60.0001	BC847B	O BC 847 B. St	OT 23	0 RZ 20	57.88.4104	8*100k	2%, SIP 9	
	1.330.443.03 1 poo	The few florides of the few florides	0 Q 36	50.60.0001	BC847B		OT 23	0 RZ 21	57.88.4104	8*100k	2%, SIP 9	
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 Q 37	50.60.0001	BC847B	Q BC 847 B, St	OT 23	0 RZ 22	57.88.4104	8*100k	2%, SIP 9	
	59.60,3337 100n	CER 50V, 10%, X7R, 0805	0 Q 38	50.60.0001	BC847B		OT 23	0 RZ 23	57.88.4104	8*100k	2%, SIP 9	
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 Q 39	50.60.0001	BC847B		OT 23	0 RZ 30	57.88.4104	8*100k	2%, SIP 9	
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 Q 40	50.60,0001	BC847B		OT 23	6 RZ 31	57 88.4104	8*100k	2%, SIP 9	
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 Q 41 0 Q 42	50.60.0001 50.60.0001	BC847B BC847B		OT 23	0 RZ 32	57 88.4104	8*100k 8*100k	2%, SIP 9 2%, SIP 9	
	59.60.3317 2n2	CER 50V, 10%, X7R, 0805	0 Q 42 0 Q 43	50.60.0001	BC847B BC847B		OT 23 OT 23	0 RZ 33	57.88.4104	8-100K	2%, 51P 9	
	59.60.3317 2n2 59.60.3317 2n2	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 0 44	50.60.0001	BC847B		OT 23	0 W/1	64.03.0505 1 pce		FLEX-STRIP, 6-POL L=63.5 MM	
	59.60.3317 2n2 59.60.3317 2n2	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 0 45	50.60.0001	BC847B		OT 23	0 W 2	1.013.210.64 2 pcs		LITZE SW.120MM. M.RASTKONTAKT	
	59.60.3317 2112 59.60.2231 18p	CER 50V, 5%, COG, 0603	0 Q 46	50.60.0001	BC847B		OT 23	0 W3	1.013.216.64 3 pcs		LITZE BL,120MM, M.RASTKONTAKT	
	59.60.2237 33p	CER 50V, 5%, COG,0603	0 Q 47	50.60.0001	BC847B		OT 23	0 W4	1,010,219,64 3 pcs		LITZE WS,120MM, M.RASTKONTAKT	
	59.60.2237 33p	CER 50V, 5%, C0G,0603	0 Q 48	50.60.0001	BC847B	Q BC 847 B, S	OT 23	0 XIC 12	53.03.0165	20p	DIL 0.3°, löt, gerade	
	59.60.3337 100n	CER 50V, 10%, X7R, 3805	0 Q 49	50.60.0001	BC847B		OT 23	0 XIC 14	53.03.0166 pce		DIL 0.3", löt, gerade	
	59.60.3327 100n	CER 50V, 10%, X7R, 3805	0 Q 50	50.60.0001	BC847B		OT 23					
	59.22.4002 100uF	EL 16V, 20%, RM5	0 Q 51	50.60.0001	BC847B		OT 23	0 Y 2	89.01.1016	22.1184MH	Iz 22.118 400 MHz, HC 49/U	
	59.22.4002 100uF	EL 16V, 20%, RM5	0 Q 52	50.60.0001	BC847B		OT 23					
	59.22.4002 100uF	EL 16V, 20%, RM5	0 Q 53	50.60.0001	BC847B		OT 23			- End of List -		
	59.60.3337 100n	CER 50V, 10%, X7R, 3805	0 Q 54	50.60.0001	BC847B		OT 23	Comments:				
	59.60.3337 100n	CER 50V, 10%, X7R, D805	0 Q 55 0 Q 56	50.60.0001 50.60.0001	BC847B BC847B		OT 23	Comments:				
	59.60.3325 10n	CER 50V, 10%, X7R, 0805	0 Q 57	50.60.0001	BC847B BC847B		OT 23 OT 23					
	59.60.3325 10n	CER 50V, 10%, X7R, 0805	0 Q 58	50.60.0001	BC847B BC847B		OT 23 OT 23					
	59.60.3325 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	v u 10	30.00.0001	DC047B	2 00 04/ B, S	01 20					
	59.60.3325 10n 59.60.3325 10n	CER 50V, 10%, X7R, 0805 CER 50V 10% X7R 0805	0 R1	not used	0R0	MF, 0204						
	59.60.3325 10n 59.60.3325 10n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X/R, 0805	0 R5	57.60.1101	100R	MF. 1%. 0204 E24						
	59.60.3325 10n	CER 50V, 10%, X7R, 0805	0 R6	57.60.1101	100R	MF, 1%, 0204, E24						
	59.60.3325 10n	CER 50V, 10%, X7R, 0805	0 R7	57.60.1101	100R	MF, 1%, 0204, E24						
	59.22.6100 10u	EL 35V, 20%, RM5	0 R8	57.60.1101	100R	MF, 1%, 0204, E24						
	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 R9	57.60.1682	6K8	MF, 1%, 0204, E24						
	59.22.6100 10u	EL 35V, 20%, RM5	0 R 10	57.60.1682	6K8	MF, 1%, 0204, E24						
	59.03.2104 2 pcs 100n	MPETP, 10%, 250V	0 R 11	57.60.1682	6K8	MF, 1%, 0204, E24						
			0 R 12	57.60.1682	6K8	MF, 1%, 0204, E24						
	50.60.8001 4448	D LL 4448 SOE 80	0 R 13 0 R 14	1.010.032.58	100k	POT 2 *100 K LIN						
	50.60.8001 4448	D LL 4448 SOD 80 D LL 4448 SOD 80	0 R 14	1.010.027.58		POT 100 K LIN, POT 100 K LIN,						
	50.60.8001 4448	D LL 4448 SOE 80	0 R 16	57.60.1682	6K8	MF. 1%, 0204, E24						
	50.62.1004 74HC 04	74 HC 04	0 R 17	57.60.1682	6K8	MF, 1%, 0204, E24						
	50.62.1595 74HC595	74 HC 595	0 R 18	57.60.1682	6K8	MF. 1%, 0204, E24						
	50.62.1595 74HC595	74 HC 595	0 R 19	57.60.1682	6K8	MF, 1%, 0204, E24						
	50.62.1595 74HC595	74 HC 595	0 R 20	57.60.1103	10K	MF, 1%, 0204, E24						
	50.62.1595 74HC595	74 HC 595	0 R 21	57.60.1682	6K8	MF, 1%, 0204, E24						
	50.62.1165 74HC165	74 HC 165	0 R 22	57.60.1682	6K8	MF, 1%, 0204, E24						
	50.62.1165 74HC165	74 HC 165	0 R 23	57.60.1682	6K8	MF, 1%, 0204, E24						
	50.62.1165 74HC165	74 HC 165	0 R 24 0 R 25	57.60,1682 57.60,1682	6K8 6K8	MF, 1%, 0204, E24						
	50.62.1165 74HC165 1.950.900.22	74 HC 165 SW 860 MONITOR (50.16.0313)	0 R 26	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
	50.61.8101 68HC68	A/D Converter 10bit 8Ch SO 20	0 R 27	57.60.1682	6K8	MF, 1%, 0204, E24						
	50.15.0115 75176	IC SN 75176 BP, DS 3695 N,	0 R 28	57.60.1682	6K8	MF, 1%, 0204, E24						
	50.62.1165 74HC165	74 HC 165	0 R 29	57.60.1682	6K8	MF, 1%, 0204, E24						
	00.02.1100 /4110100		0 R 30	57.60.1682	6K8	MF, 1%, 0204, E24						
	54.24.0103 2 pcs	J 3 POL., KLINKE 6.3 MM	0 R 31	57.60.1682	6K8	MF, 1%, 0204, E24						
			0 R 32	57.60.1682	6K8	MF, 1%, 0204, E24						
	1.990.440.01 1 pce	FRONTSCHILD PFL/TB/PHONES	0 R 33	57.60.1682	EK8	MF, 1%, 0204, E24						
	1.990.440.02 1 pce	TRAEGER PFL/TB PHONES	0 R 34	57.60.1682	EK8	MF, 1%, 0204, E24						
	1.010,022.21 4 pcs M3*8	L-Schraube IS sw spezial	0 R 35	57.60.1682	6K8	MF, 1%, 0204, E24						
	24.16.3023 4 pcs	WELLENSICHERUNG 2.3	0 R 36 0 R 37	57.60.1682	6K8	MF, 1%, 0204, E24						
	21.01.2352 6 pcs M3*4	S - Schraube Zn gb chr	0 R37 0 R38	57.60.1682 57.60.1682	EK8 EK8	MF, 1%, 0204, E24						
	1.990.100.01 1 pce 1.950.880.04 1 pce	QUERPRINTSTUETZE STUDER NR ETIKETTE 10x20	0 R39	57.60.1682 57.60.1682	eks eks	MF, 1%, C204, E24 MF, 1%, C204, E24						
	1.950.880.04 1 pce 1.950.891.11 1 pce	PANEL ADAPTER RS 485 PCB	0 R 40	57.60.1682	EK8	MF, 1%, U204, E24 MF, 1%, C204, E24						
	89.01.1499 1 pce	QUARZ - ISOLIERPLATTE	0 R41	57.60,1682	EK8	MF, 1%, C204, E24						
	43,01,0108 1 pce Label	ESE-WARNSCHILD	0 R 42	57.60.1682	6KB	MF, 1%, C204, E24						
	28.99.0119 2 pcs	ROHRNIETE D 2.5*0.15* 9	0 R 43	57.60.1682	6KB	MF, 1%, C204, E24						
	42.01.0228 3 pcs	KNEBELKNOPF GR C 10/4	0 R 44	57.60.1682	6K8	MF, 1%, C204, E24						
	42.01.0203 1 pce	DREHKNOPF GR, D 10/4	0 R 45	57.60.1103	10K	MF, 1%, C204, E24						
	1.912.000.03 1 pce	DREHRING D 6,2 / 13	0 R 46	57.60.1103	10K	MF, 1%, C204, E24						
	42.01.0250 4 pcs	DECKEL H'GR ZU KNOPF-D 10	0 R 47	57.60.1103	10K	MF, 1%, C204, E24						
	1.990.100.03 1 pce	QUERPRINTSTUETZE RECHTS	0 R 50	57.60.1103	10K	MF, 1%, C204, E24						
	1,990,440,03 2 pcs	FUEHRUNGSBUCHSE FUER JACK	0 R 51 0 R 53	57.60.1101	100R	MF, 1%, 0204, E24						
	21.51.8354 1 pce M3*6	Linsenkopf-Schr IS, Ni	0 R 53 0 R 55	1.010.027.58 57.60.1150	15R	POT 100 K LIN, MF, 1%, (204, E24						
	24.16.2030 1 pce 29.26.1022 1 pce 3.2	FAECHERSCHEIBE A D 3.2 Lötöse d3.2/5.5 * 10.5	0 R 56	57.92.1820	15K 94mA	MF, 1%, U204, E24 PTC, 60V, 50 Ohm						
	29.26.1022 1 pce 3.2 1.101.001.20 1 pce Label	TEXT-ETIK, 5*20 HARDWARE -20	0 R 57	57.92.1820	94mA	PTC, 60V, 50 Ohm						
	n romounzo i poe Label	TEATHETIK 9 20 MARDWARE -20	0 R 58	57.92.7016	1.6A	POLY- PTC, 50V	•					
	54.11.2013 32p	EU-BK 2*16p	0 R 59	57.92.7016	1.6A	POLY- PTC, 50V						
	54,11,0125 53 pcs 1p	P STIFT, WINKEL 1 PIN=1 STK.	0 R 60	57.60.1103	10K	MF, 1%, 0204, E24						
	54.11.0120 00 pea 1p	. C.II I, MINEL TIME TOTAL	0 R 105	not used	0R0	MF, C204						
	50.60.0001 BC847B	Q BC 847 B, SCT 23	0 R 106	not used	0R0	MF, C204						
	50.60.0001 BC847B	Q BC 847 B, SCT 23	0 R 107	57.60.1000	0R0	MF, C204						
	50.60.0001 BC847B	Q BC 847 B, SCT 23	0 R 108	not used	0R0	MF, C204						
	50.60.0031 BC847B	Q BC 847 B, SCT 23	0 R 109	57.60.1000	0R0	MF, C204						
	50.60.0031 BC847B	Q BC 847 B, SCT 23	0 R 111	57.60.1000	0R0	MF, C204						
	50.60.0031 BC847B	Q BC 847 B, SCT 23	0 R 112	not used	0R0	MF, C204						
	50.60.0001 BC847B 50.60.0001 BC847B	Q BC 847 B, SCT 23 Q BC 847 B, SCT 23	0 RZ 17	57.88.4104	8*100k	2%, SIP 9						
					o IUUK	470, OIF 8						

PFL / TB / Headphone Switch Board 1.990.449.00

			<u> </u>	
_1 S1		a DL1 8 21 1		a DL12 7 31 1
3 0 52	T3 EXT 1 <u>2</u>	b 9 21 1	ON AIR == 24	b 5 31 1
_5		d 6 21 1		d 4 31 1
S4		a DL2 5 1 1 4 21 1		o OL13 6 25 1 5 7 26 1
A 95	TB EXT 2 <u>4</u>	3 21 1	PFL <u>36</u>	° 5 25 1
= 0	•	o DL3 6 1		
		b 7 22 1		b 8 27 1
□13 O S7	T8 EXT 3 <u>6</u>	5 22 1 4 22 1	PFL/SOLO ⇒38 RESET ⇒38	c 2 7 1 3 27 1
_15 S8		a DL4 8 25 1		o DL15 8 26 1
□17 S9 S9	TB INT _8	b 9 25 1	SOLO <u>40</u>	b 9 26 1
□19 S10	_	d 7 25 1		d 2 26 1
<u>21</u>		b 4 30 1		a DL16 7 27 1 6 27 1
23 A 512	30 HZ <u>−10</u>	2 30 1	SOLO 42	c 4 27 1
35 513		d 3 30 1		d 5 27 1
	12	b 9 22 1	aug. 44	b 8 28 1
	OMNI <u>—12</u>	d 2 22 1	CUT <u>44</u>	d 8 28 1
A 616		o DL7 3 25 1		o DL18 5 3
	RETURN 2 14	b 2 25 1	CR SEL _46	c 2 2 3 1
=43 S17		d 4 25 1		d 3_28_1
□45 S18		o DL8 7 24 1		DL19 9 1 b 8 29 1
_47S19	PFL/BROAD16	d 2 31 1	STUDIO SEL48	d 7_29_1
_49 S20		o DL9 9 30 1		o DL2D 5 3
_25 S21	TB LOCK	b 7 30 1	PFL SEL _50	b 4 25 1
□ 27 S22		d 6 30 1		d 3 29 1
29 \$23		o DL10 6 23 1	BUS <u>26</u>	0L21 9 23 1
_31 S24	RETURN ↑ <u>20</u>	c 3 23 1 d 4 23 1	DIRECT _28	DL22 8 23 1
33 O S25		o DL11 9 21 1	AUX _30	DL23 7 23 1
	АЛТО CUE <u>22</u>	c 9 31 1	GROUP32	S 0L24
	ANTO COL CIT	d 8 31 1		0L25 24 1
_ 0 0			Σ _34	DL26
<u>61</u>			CR INJ <u>66</u>	24
OV52			INTER LOCK <u>⇔64</u>	0.127
	+VLED53	RZ21 RZ31 5 x 1000	SAFE SEL <u>62</u>	DL28 5 1

① 3.4.98	0	0	0	0
990449-S				PAGE 1 OF 1
REGENSIORF SWITZERLAND	PFL/TB/HP	Switchboard		1.990.449.00

PFL / TB / Headphone Switch Board 1.990.449.00



Source Selector Panel R\$485

1.950.890.22

Source Selector Panel RS485 1.950.890.22

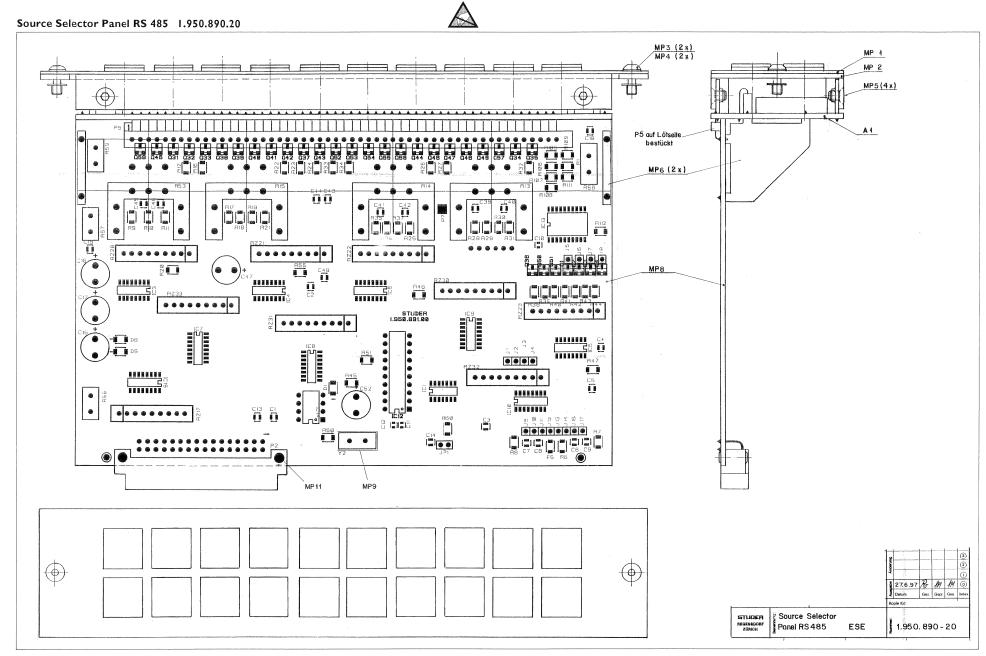
> Source Selector Switch Board 1.990.499.00

SC 1.990.499.00 BP 1.990.499.00 PL 1.990.499.00

Panel Adapter RS485 1.950.891.20 SC 1.950.891.20 BP 1.950.890.20 PL 1.950.890.20

SC:SchemaCircuit DiagramBP:BestückungsplanPCB LayoutPL:PositionslistePositional List

Edition: 27.06.01 Section 6

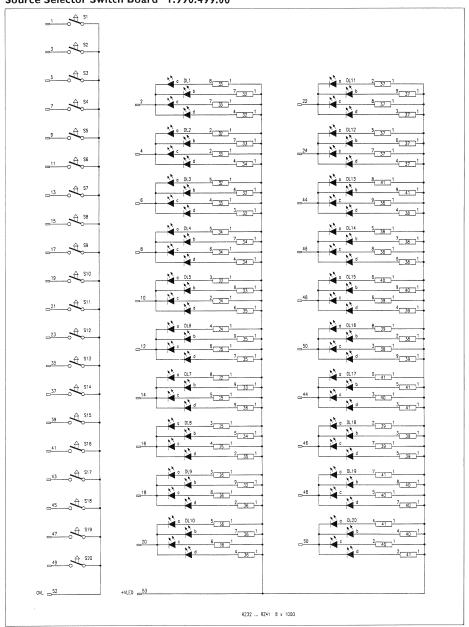




Source Selector Panel RS 485 1.950.890.22

. Pos.	Part No. Qty. Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description	ldx. Pos.	Part No. Qty.	Type/Val.	Description		
A 1	1,990,499,00 1 pce	SOURCE SELECTOR SWITCH BOARD	0 Q 48	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 XIC 12	53.03.0165	20p	DIL 0.3", lõt, gerade		
			0 Q 49	50.60.0001	BC847B	Q BC 847 B, SOT 23	0 XIC 14	53.03.0166 pce	8p	DIL 0.3", lot, gerade		
2.1	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 Q 50	50.60.0001	BC847B	Q BC 847 B, SOT 23						
C 2	59.60.3337 100n	CER 50V, 10%, X7R, 0005	0 Q 51 0 Q 52	50.60.0001	BC847B BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 Y2	89.01.1016	22.1184MHz	22.118 400 MHz, HC 49/U		
C 3	59.60.3337 100n 59.60.3337 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 Q 52 0 Q 53	50.60.0001	BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23						
C 4 C 5	59.60.3337 100n 59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 Q 54	50.60.0001	BC847B	Q BC 847 B. SOT 23			End of List			
C 6	59.60.3337 2n2	CER 50V 10%, X7R, 0805	0 Q.55	50.60,0001	BC847B	Q BC 847 B, SOT 23	Comments:					
C7	59.60.3317 2n2	CER 50V, 10%, X7R, 0805	0 Q 56	50.60.0001	BC847B	Q BC 847 B, SOT 23						
C 8	59.60.3317 2n2	CER 50V, 10%, X7R, 0805	0 Q 57	50.60.0001	BC847B	Q BC 847 B, SOT 23						
0.9	59.60.3317 2n2	CER 50V, 10%, X7R, 0805	0 Q 58	50.60.0001	BC847B	Q BC 847 B, SOT 23						
C 10	59.60.2231 18p	CER 50V, 5%, COG, 0603										
C 11	59.60.2237 33p	CER 50V, 5%, C0G, 0603	0 R1	57.60.1000	0R0	MF, 0264						
C 12	59.60.2237 33p	CER 50V, 5%, C0G, 0603	0 R5	57.60.1101 57.60.1101	100R 100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
C 13	59.60.3337 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 R6	57.60.1101 57.60.1101	100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
C 14	59.60.3337 100n 59.22.4002 100uF	EL 16V, 20%, RM5	0 R8	57.60.1101	100R	MF, 1%, 0204, E24						
C 15	59.22.4002 100uF	EL 16V, 20%, RM5	0 R9	57.60.1682	6KB	MF, 1%, 0204, E24						
C 16 C 17	59.22.4002 100uF	EL 16V, 20%, RM5	0 R 10	57.60.1682	6K8	MF, 1%, 0204, E24						
C 18	59.60.3337 100n	CER 50V, 10%, X7R, 0305	0 R 11	57.60.1682	6KB	MF, 1%, 0204, E24						
C 19	59.60.3337 100n	CER 50V, 10%, X7R, 0305	0 R 12	57.60.1682	6K8	MF, 1%, 0204, E24						
C 39	59.60.3325 10n	CER 50V, 10%, X7R, 0305	0 R 13	not used	100k	POT 2 *100 K LIN						
C 40	59.60.3325 10n	CER 50V, 10%, X7R, 0305	0 R 14	not used	100k	POT 2*100 K LIN						
C 41	59.60.3325 10n	CER 50V, 10%, X7R, 0305	0 R 15	not used	100k	POT 2 *100 K LIN						
C 42	59.60.3325 10n	CER 50V, 10%, X7R, 0905	0 R 16	57.60.1682	6K8	MF, 1%, 0204, E24						
C 43	59.60.3325 10n	CER 50V, 10%, X7R, 0805	0 R 17 0 R 18	57.60,1682 57.60,1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
C 44	59,60,3325 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 R 18 0 R 19	57.60.1682 57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
C 45	59.60.3325 10n 59.60.3325 10n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 R 19	57.00.1002	10K	MF. 1%, 0204, E24 MF. 1%, 0204, E24						
C 46	59.60.3325 10n 59.22.6100 10u	EL 35V, 20%, RM5	0 R 20	57.60.1103	6K8	MF. 1%, 0204, E24						
C 47 C 48	59.22.6100 10u 59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 R21	57.60.1682	6K8	MF, 1%, 0204, E24						
C 48	59.22.6100 10u	EL 35V, 20%, RM5	0 R 23	57.60.1682	6K8	MF, 1%, 0234, E24						
	23.22.0.00		0 R 24	57.60.1682	6K8	MF, 1%, 0234, E24						
D 1	50.60.8001 4448	D LL 4448 SOD 80	0 R 25	57.60.1682	6K8	MF, 1%, 0234, E24						
D 5	50.60.8001 4448	D LL 4448 SOD 30	0 R 26	57.60.1682	6K8	MF, 1%, 0234, E24						
D 6	50.60.8001 4448	D LL 4448 SOD 30	0 R 27	57.60.1682	6K8	MF, 1%, 0234, E24						
			0 R 28	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
IC 1	50.62.1004 74HC 04	74 HC 04	0 R 29	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
IC 3	50.62.1595 74HC595 50.62.1595 74HC595	74 HC 595 74 HC 595	0 R30 0 R31	57.60.1682 57.60.1682	6K8 6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
IC 4	50.62.1595 74HC595 50.62.1595 74HC595	74 HC 595 74 HC 595	0 R32	57.60.1682	6K8	MF, 1%, 0204, E24						
IC 5	50.62.1595 74HC595	74 HC 595	0 R 33	57.60.1682	6K8	MF. 1%, 0204, E24						
IC 7	50.62.1165 74HC165	74 HC 165	0 R 34	57.60.1682	6K8	MF, 1%, 0204, E24						
IC 8	50.62.1165 74HC165	74 HC 165	0 R 35	57.60,1682	6K8	MF, 1%, 0204, E24						
IC 9	50.62.1165 74HC165	74 HC 165	0 R 36	57.60.1682	6K8	MF, 1%, 0204, E24						
IC 10	50.62.1165 74HC165	74 HC 165	0 R 37	57.60.1682	6KB	MF, 1%, 0204, E24						
IC 12	1.950.900.22	SW 860 MONITOR (50.16.0313)	0 R 38	57.60.1682	6K8	MF, 1%, 0204, E24						
IC 13	50.61.8101 68HC68	A/D Converter 10bit 8Ch SO 20	0 R 39 0 R 40	57.60.1682	6K8 6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
IC 14	50.15.0115 75176	IC SN 75176 BP, DS 3695 N,	0 R40	57.60.1682 57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24						
IC 15	50.62.1165 74HC165	74 HC 165	0 R41	57.60.1662	6K8	MF. 1%, 0204, E24						
MP 1	1.990.490.01 1 pce	FRONTSCHILD SOURCE SEL. 20PB	0 R 43	57.60.1682	6K8	MF 1% 0204 E24						
MP 2	1,990,490,01 1 pce 1,990,490,02 1 pce	TRAFGER SOURCE SELECTOR 20PB	0 R 44	57.60.1682	6K8	MF, 1%, 0204, E24						
MP 3	1.010.022.21 2 pcs M3*8	L-Schraube IS sw spezial	0 R 45	57.60.1103	10K	MF, 1%, 0204, E24						
MP 4	24.16.3023 2 pcs	WELLENSICHERUNG 2.3	0 R 46	57.60.1103	10K	MF, 1%, 0204, E24						
MP 5	21.01.2352 4 pcs M3*4	S - Schraube Zn gb chr	0 R 47	57.80.1103	10K	MF, 1%, 0204, E24						
MP 6	1.990.100.01 2 pcs	QUERPRINTSTUETZE	0 R 50	57.60.1103	10K	MF, 1%, 0204, E24						
MP 7	1.950.890.04 1 pce	STUDER NR. ETIKETTE 10x20	0 R 51	57.60.1101	100R	MF, 1%, 0204, E24						
MP 8	1.950.891.11 1 pce	PANEL ADAPTER RS 485 PCB	D R 53	not used 57 60 1150	100k 15R	POT 2 *100 K LIN MF. 1%, 0204, E24						
MP 9	89.01.1499 1 pce	QUARZ - ISOLIERPLATTE	0 R 55 0 R 56	57.50.1150 57.92.1820	15R 94mA	MF, 1%, 0204, E24 PTC. 60V 50 Ohm						
MP 10	43.01.0138 1 pce Label 28.99.0119 2 pcs	ESE-WARNSCHILD ROHRNIETE D 2.5*3.15* 9	0 R 57	57.92.1820	94mA	PTC. 60V. 50 Ohm						
MP 11 MP 12	28.99.0119 2 pcs 1.101.001.20 1 pce Label	TEXT-ETIK, 5*20 HARDWARE -20	0 R 58	57.92.7016	1.6A	POLY- PTC, 50V						
MIF 12	1.101.001.20 1 pca Caber	TEXT-CITE 0 20 TOTAL 20	0 R 59	57.92.7016	1.6A	POLY- PTC, 50V						
P 2	54.11.2013 32p	EU-BK 2*160	0 R 60	57.60.1103	10K	MF, 1%, 0204, E24						
P 5	54,11,0125 53 pcs 1p	P STIFT, WINKEL 1 PIN=1 STK.	0 R 105	57.60.1000	0R0	MF, 0204						
			0 R 106	57,60,1000	0R0	MF, 0204						
Q 1	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 R 107	57.60.1000	ORO.	MF, 0204						
Q 2	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 R 108	57.60.1000	ORO ORO	MF, 0204 MF 0204						
Q 3	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 R 109 0 R 111	57.60,1000 57.60,1000	ORO ORO	MF, 0204 MF. 0204						
Q 4	50.60.0001 BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 R 111 0 R 112	57.60.1000 57.60.1000	ORC ORC	MF, 0204						
Q 31 Q 32	50.60.0001 BC847B 50.60.0001 BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 1/11/2	37.00.1000	uno	, 0404						
Q 32 Q 33	50.60.0001 BC847B 50.60.0001 BC847B	Q BC 847 B, SOI 23 Q BC 847 B, SOT 23	0 RZ 17	57.88.4104	8*100k	2%, SIP 9						
Q 34	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 RZ 20	57.88.4104	8*100k	2%, SIP 9						
Q 35	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 RZ 21	57.88.4104	8*100k	2%, SIP 9						
Q 36	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 RZ 22	57.88.4104	8*100k	2%, SIP 9						
Q 37	50.60,0001 BC847B	Q BC 847 B, SOT 23	0 RZ 23	57.88.4104	E*100k	2%, SIP 9						
Q 38	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 RZ 30	57.88.4104	6*100k	2%, SIP 9						
Q 39	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 RZ 31	57.88.4104	6*100k	2%, SIP 9						
Q 40	50.60.0001 BC847B	Q BC 847 B, SOT 23	0 RZ 32	57.88.4104	8*100k	2%, SIP 9						
Q 41	50.60.0001 BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23	0 RZ 33	57.88.4104	8*100k	2%, SIP 9						
Q 42	50.60.0001 BC847B 50.60.0001 BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23										
Q 43 Q 44	50.60.0001 BC847B 50.60.0001 BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23										
	50.60.0001 BC847B	Q BC 847 B, SOT 23										
Q 45												
Q 45 Q 43	50.60.0001 BC847B	Q BC 847 B, SOT 23 Q BC 847 B, SOT 23										

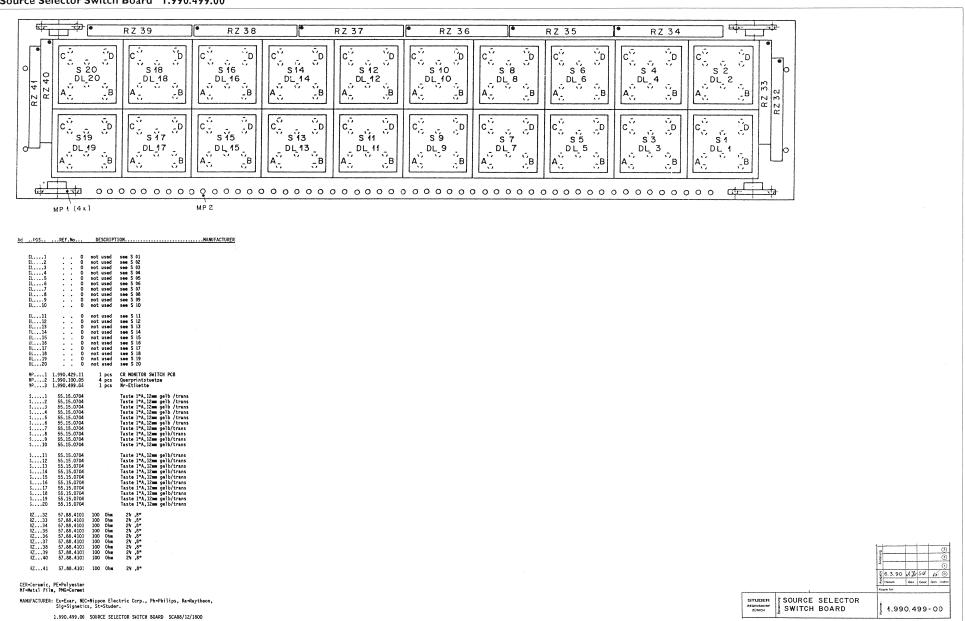
Source Selector Switch Board 1.990.499.00



① 3.4.98	0	0	0	0
990499-S				PAGE 1 OF 1
REGENSORF REGENSORF SWITZERLAND	Source	Selector Switchb	oard	1.990.499.00

SECTION 6

Source Selector Switch Board 1.990.499.00



SCHEMATA / CIRCUIT DIAGRAMS

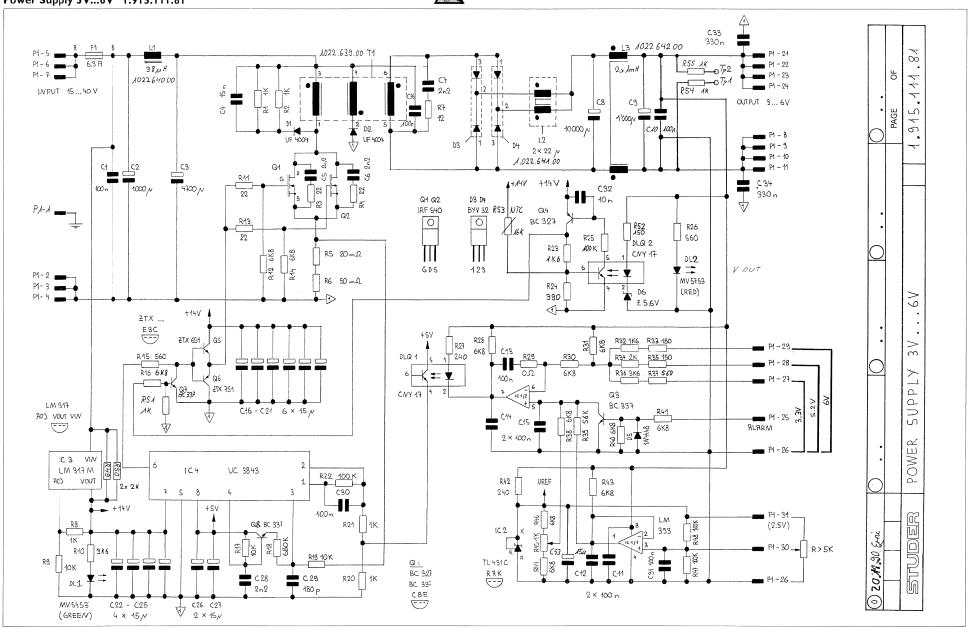
Power Supply

Power Supply 3V6V	1.915.111.81
Power Supply 5V/20A	1.940.601.81
Power Supply ±15V/3,4A	1.940.602.81
Power Supply 24V/4,2A	1.940.603.81
Power Supply 12V/8A	1.940.604.81

Edition: 16.08.00 Section 7

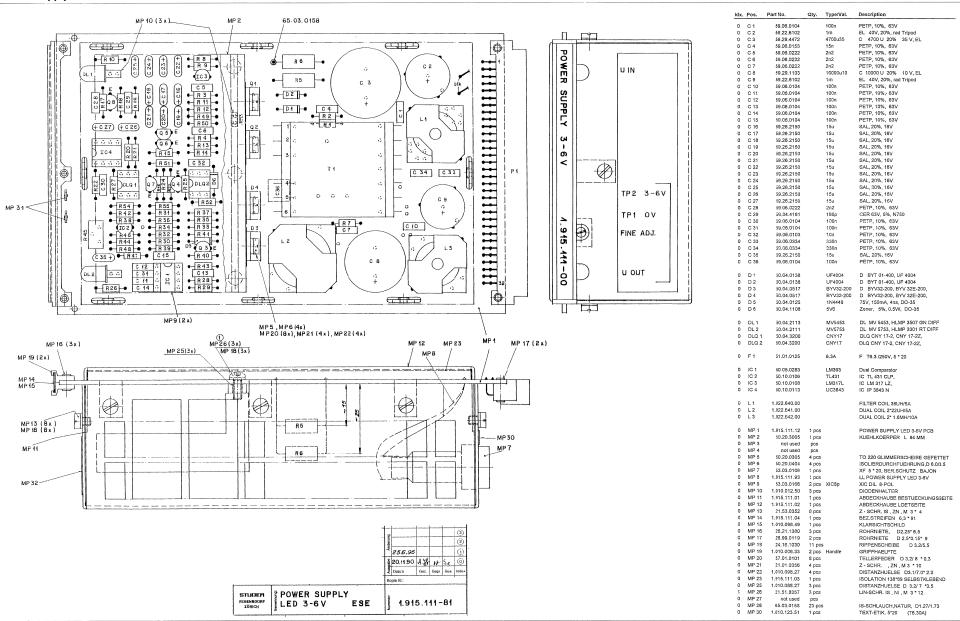
Power Supply 3V...6V 1.915.111.81







Power Supply 3V...6V 1.915.111.81







Power Supply 3V...6V 1.915.111.81

	s. Part No.	Qty.	Type/Val.	Description
0 MP		2 pcs 1 pcs	1p	Flatpin, 2.8*0.8mm KLEBSCHILD FUER POWER SUPPLY
0 P1	54.11.2004		64-P	P EU-B 2*32
o 0,1	50.03.1509		(RF540	IRF 540, IRF 540 N
0 Q2	50.03.1509		IRF540	IRF 540, IRF 540 N
0 Q3	50.03.0340		BC337-25	BC 337-25,
0 Q4	50.03.0351		BC327-25	PNP, 800mA
0 Q 5	50.03.0523		ZTX651	ZTX 651
0 Q6	50.03.0352		ZTX751S	ZTX 751 S
0 Q7	50.03.0340		BC337-25	BC 337-25,
0 Q 5	50.03.0340		BC337-25	BC 337-25,
0 R1	57.11.3102		1k0	MF, 1%, 0207
0 R2	57.11.3102		1k0	MF, 1%, 0207
0 R3	57.11.3220		22R	MF, 1%, 0207
0 R4	57.11.3220 57.56.2020		22R	MF, 1%, 0207
0 R6	57.56.2020		R020 R050	WW, 5%, 3 W WW, 5%, 3 W
0 R7	57.11.3120		12R	MF, 1%, 0207
0 R8	57.11.3102		1k0	MF, 1%, 0207
0 R9	57.11.3103		10k	MF, 1%, 0207
0 R1			3k6	MF, 1%, 0207
0 R1	57.11.3220		22R	MF, 1%, 0207
0 R1			6k8	MF, 1%, 0207
0 R1			22R	MF, 1%, 0207
0 R1			6k8	MF, 1%, 0207
0 R1			560R	MF, 1%, 0207
0 R1			6k8	MF, 1%, 0207
9 R1			10k 680k	MF, 1%, 0207 MF, 1%, 0207
0 R1			10k	MF, 1%, 0207
0 R2			1k0	MF, 1%, 0207
0 R2			1k0	MF, 1%, 0207
0 R 2	57.11.3104		100k	MF, 1%, 0207
0 R 2	57.11,3162		1k6	MF, 1%, 0207
0 R 2	57.11.3391		390R	MF, 1%, 0207
0 R 2			100k	MF, 1%, 0207
0 R 2			560R	MF, 1%, 0207
0 R2			240R	MF, 1%, 0207
0 R2			6k8 0R0	MF, 1%, 0207 MF, 0207
0 R3			6k8	MF, 1%, 0207
0 R3			6k8	MF, 1%, 0207
0 R 3			1k6	MF, 1%, 0207
0 R3	57.11.3181		180R	MF, 1%, 0207
0 R3	57.11.3202		2k0	MF, 1%, 0207
0 R3			150R	MF, 1%, 0207
0 R 36			3k6	MF, 1%, 0207
0 R3			560R	MF, 1%, 0207
0 R38			6k8	MF, 1%, 0207
0 R39	· ·		56k 6k8	MF, 1%, 0207 MF, 1%, 0207
0 R4			6k8	MF, 1%, 0207
0 R 42			240R	MF, 1%, 0207
0 R43			6k8	MF, 1%, 0207
0 R 44			6k8	MF, 1%, 0207
0 R45			1k	Cermet, 10%, 0.5W, vertical
R 46			6k8	MF, 1%, 0207
R47			100k 100k	MF, 1%, 0207 MF, 1%, 0207
R 49			2k0	MF, 1%, 0207
0 R 50			2k0	MF, 1%, 0207
R 5			1k0	MF, 1%, 0207
0 R 52			150R	MF, 1%, 0207
0 R 50				R 16.7 K, NTC
0 R 54			1k0	MF, 1%, 0207
0 R 5	57.11.3102		1k0	MF, 1%, 0207
	1.022.639.00			SCHALTTRAFO POWER SUPPLY 3-6V

--- End of List ----

<u>Comments</u> (01) MP26 21.53.0357 Changed to 21.51.8357

7 POWER SUPPLY UNITS

General

For the power supply of the D950 mixing system, standard 19" units with wide-range input and power factor correction are used, equipped with a Studer front panel.

Studer Part No.	Description
1.940.601.81	Power Supply 5 V/20 A
1.940.602.81	Power Supply ±15 V/3.4 A
1.940.603.81	Power Supply 24 V/4.2 A
1.940.604.81	Power Supply 12 V/8 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.

7.1 Specifications

Mains Voltages 100...240 VAC

Mains Frequency 47...440 Hz

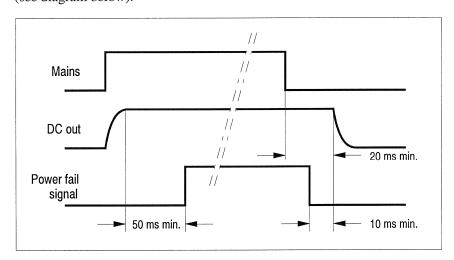
Efficiency typ. 75%

Output Power 100 W total

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

Power Down (Logic Inhibit) Control input, TTL compatible, active high (5 V/1.6 mA)

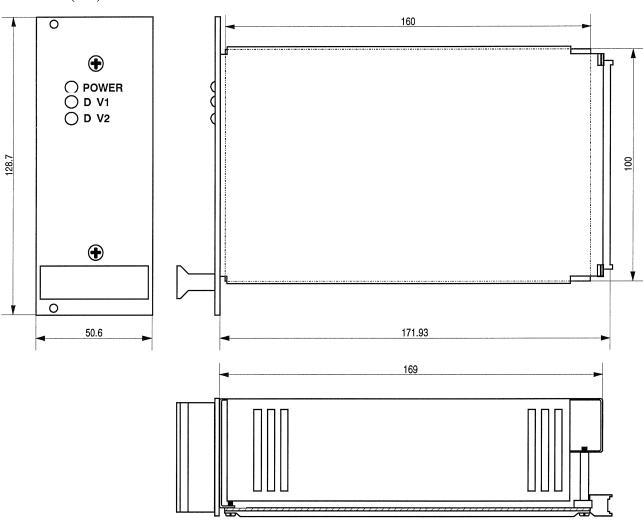
Power Fail Output, open collector, TTL compatible, active low (max. 30 V/16 mA) (see diagram below).



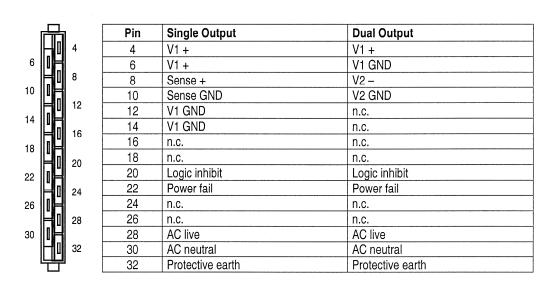
Date printed: 12.12.01 Section 7



Dimensions (mm)



Pin Assignment



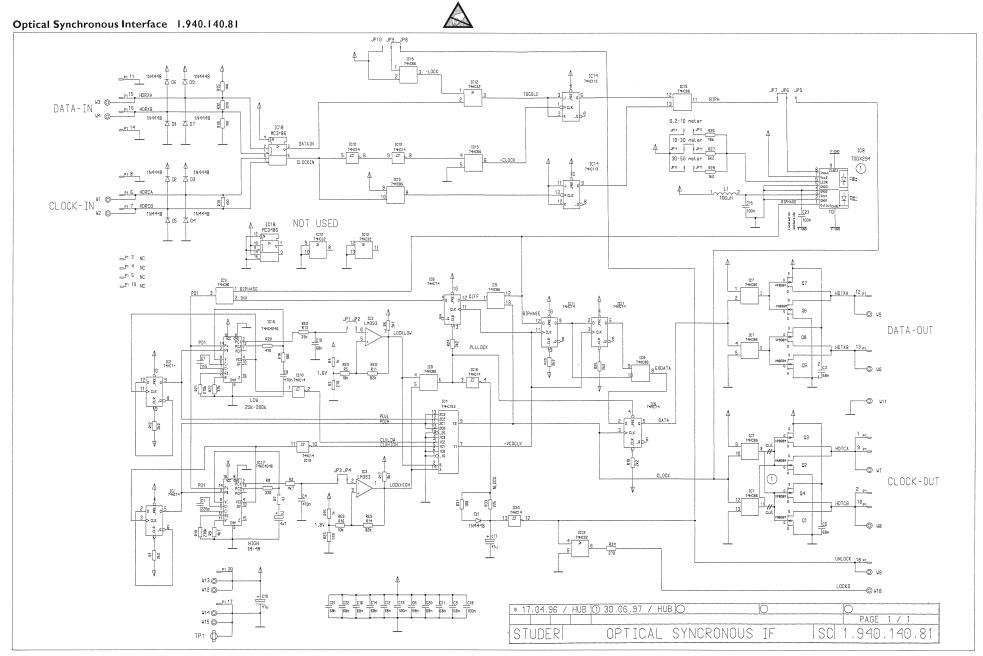
Section 7 Date printed: 12.12.01

SCHEMATA / CIRCUIT DIAGRAMS

Units of Connector Panel

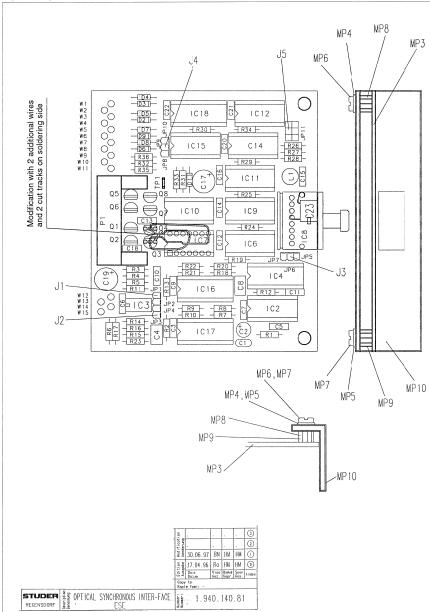
Optical Synchronous Interface	1.940.140.81
•	
Optical PC Interface Board	1.950.460.21

Edition: 27.06.01



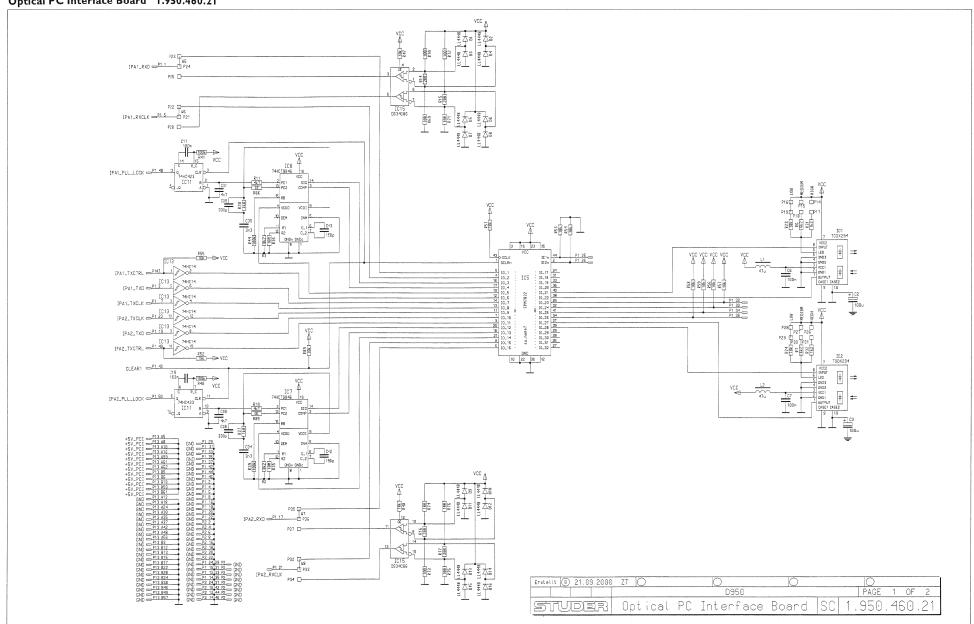


Optical Synchronous Interface 1.940.140.81

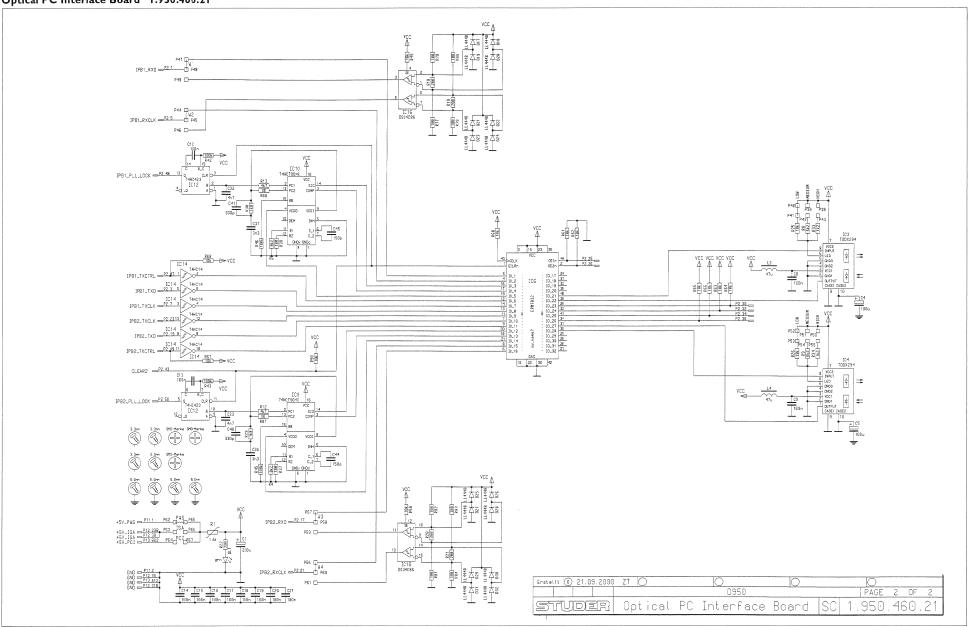


ldx.	Pos.	Part No. Qty.	Type/Val.	Description	ldx.	Pos.	Part No. Qty.	Type/Val.	Description
	C 1	59.34.4221	220p	CER 63V, 5%, N750	0	Q.6	50.03.1505	VN0808M	VN 0808 M, ZVN 0108 A
	C 2	59.22.8479	220p 4u7	EL 50V. 20%. RM5	0	Q 7	50.03.1554	VP0808M	VP 0808 M
	C 3	59.22.8479	68n	PETP, 63V, 10%, RM5	0	Q8	50.03.1554	VP0808M	VP 0808 M
	C4	59.06.0474	470n	PETP, 63V, 10%, RM5			00.0011001	***************************************	
	C 5	59.06.0683	68n	PETP. 63V. 10%, RM5	0	R 1	57.11.3222	2k2	MF, 1%, 0207
	C6	59.06.0683	68n	PETP, 63V, 10%, RM5	0	R 2	57.11.3472	4k7	MF, 1%, 0207
	C7	59.06.0152	1n5	PETP, 63V, 10%, RM5	0	R3	57.11.3271	270R	MF, 1%, 0207
	C8	59.06.0474	470n	PETP, 63V, 10%, RM5	ō	R 4	57.11.3102	1k0	MF, 1%, 0207
	C 9	59.06.0683	680	PETP. 63V. 10%, RM5	0	R 5	57,11,3103	10k	MF. 1%, 0207
	C 10	59,06,0683	68n	PETP, 63V, 10%, RM5	0	R6	not used	9k1	MF. 1% 0207
	C 11	59,06,0683	68n	PETP, 63V, 10%, RM5	ō	R7	57.11.3470	47R	MF, 1%, 0207
		59.06.0683	68n	PETP. 63V. 10%. RM5	0	R.8	57.11.3331	330R	MF, 1%, 0207
	C 12	59.06.0104	100n	PETP. 63V, 10%, RM5	ō	R9	57.11.3472	4k7	MF. 1%. 0207
	C 13 C 14	59,06,0683	68n	PETP, 63V, 10%, RM5	0	R 10	57.11.3274	270k	MF, 1%, 0207
			100n	PETP, 63V, 10%, RM5	ő	R 11	57.11.3823	82k	MF, 1%, 0207
	C 15	59.06.0104	68n	PETP, 63V, 10%, RM5	0	R 12	57.11.3222	2k2	MF, 1%, 0207
	C 16	59.06.0683			0	R 13	57.11.3393	39k	
	C 17	59.22.6470	47u	EL 40V, 20%, RM5				82k	MF, 1%, 0207
	C 18	59.06.0104	100n	PETP, 63V, 10%, RM5	0	R 14	57.11.3823		MF, 1%, 0207
	C 19	59.22.6470	47u	EL 40V, 20%, RM5	0	R 15	57.11.3102	1k0	MF, 1%, 0207
	C 20	59.06.0683	68n	PETP, 63V, 10%, RM5	0	R 16	57.11.3103	10k	MF, 1%, 0207
0	C 21	59.06.0683	68n	PETP, 63V, 10%, RM5	0	R 17	57.11.3912	9k1	MF, 1%, 0207
0	C 22	59.06.0683	68n	PETP, 63V, 10%, RM5	0	R 18	57.11.3181	180R	MF, 1%, 0207
0	C 23	59.06.0104	100n	PETP, 63V, 10%, RM5	0	R 19	57.11.3222	2k2	MF, 1%, 0207
-					0	R 20	57.11.3471	470R	MF, 1%, 0207
0	D 1	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	R 21	57.11.3274	270k	MF, 1%, 0207
	D2	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	R 22	57.11.3333	33k	MF, 1%, 0207
	D 3	50.04.0125	1N4448	75V. 150mA. 4ns. DO-35	ō	R 23	57.11.3561	560R	MF, 1%, 0207
	D 4	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	ō	R 24	57.11.3222	2k2	MF, 1%, 0207
	D 5	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	. 0	R 25	57.11.3222	2k2	MF, 1%, 0207
0	D 6	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	R 26	57.11.3183	18k	MF, 1%, 0207
					0	R 27	57.11.3622	6k2	MF. 1%, 0207
	D 7	50.04.0125	1N4448 1N4448	75V, 150mA, 4ns, DO-35	0	R 28	57.11.3022	1k2	MF, 1%, 0207 MF, 1%, 0207
	D8	50.04.0125		75V, 150mA, 4ns, DO-35				2k2	
0	D 9	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35	0	R 29	57.11.3222		MF, 1%, 0207
					0	R 30	57.11.3101	100R	MF, 1%, 0207
0	IC 2	50.17.1074	74HC74	IC 74 HC 74 ., ,A	0	R 31	57.11.3101	100R	MF, 1%, 0207
0	IC 3	50.05.0283	LM393	Dual Comparator	0	R 32	57.11.3201	200R	MF, 1%, 0207
0	IC 4	50.17.1153	74HC153	IC 74 HC 153 ., ,A	0	R 33	57.11.3223	22k	MF, 1%, 0207
0	IC 6	50.17.1074	74HC74	IC 74 HC 74 ., ,A	0	R 34	57.11.3271	270R	MF, 1%, 0207
0	IC 7	50,17,1086	74HC86	IC 74 HC 86 ., ,A	0	R 35	57.11.3101	100R	MF, 1%, 0207
1	IC 8	89.10.0102	TODX294	Duplex Transceiver	0	R 36	57,11,3101	100R	MF, 1%, 0207
ò	IC 9	53.17.1086	74HC86	IC 74 HC 86 ., ,A					
0	IC 10	53.17.1014	74HC14	IC 74 HC 14 ., ,A	0	TP 1	54.02.0320	1p	Flatpin, 2.8*0.8mm
0	IC 11	50.17.1074	74HC74	IC 74 HC 74 ., ,A	-				
		50,17,1074	74HC32	IC 74 HC 32 ., ,A					
0	IC 12 IC 14	50.17.1032	74HC113	IC 74 HC 113 ., ,A				End of List -	
0					Co	mments:			
0	IC 15	50.17.1086	74HC36				nged for longer distance per	formance. Pola	arity of HDTCA/HDTCB has been change
0	IC 16	50.17.4046							
0	IC 17	50.17.4046		IC 74 HC 4046 ., ,A					
0	IC 18	50.15.0104	MC3486	IC MC 3486 P, DS 3486 N,					
0	J 2	54.01.0021	Jumper	0.63 * 0.63mm					
0	13	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	JP 1	54.01.0020	1p	Pin 0.63*0.63					
ō	JP 2	54.01.0020	1p	Pin 0.63*0.63					
0	JP 3	54.01.0020	1p	Pin 0.63*0.63					
ō	JP 4	54.01.0020	1p	Pin 0.63*0.63					
0	JP 5	54.01.0020	1p	Pin 0.63*0.63					
	JP6								
			10	Pin 0.63*0.63					
0	JP 7	54.01.0020	1p						
0	JP 7	54.01.0020 54.01.0020	1p	Pin 0.63*0.63					
0	JP 8	54.01.0020 54.01.0020 54.01.0020	1p 1p	Pin 0.63*0.63 Pin 0.63*0.63					
0	JP 8 JP 9	54.01.0020 54.01.0020 54.01.0020 54.01.0020	1p 1p 1p	Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63					
0 0 0 0	JP 8 JP 9 JP 10	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020	1p 1p 1p 1p	Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63					
0	JP 8 JP 9	54.01.0020 54.01.0020 54.01.0020 54.01.0020	1p 1p 1p	Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63					
0 0 0 0	JP 8 JP 9 JP 10 JP 11	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0136	1p 1p 1p 1p 1p 2*3p	Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63, RM2.54					
0 0 0 0	JP 8 JP 9 JP 10	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020	1p 1p 1p 1p	Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63					
0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0136	1p 1p 1p 1p 2*3p	Pin 0.63*0.03 Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63 Pin 0.63*0.63, RM2.54					
0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0136	1p 1p 1p 1p 1p 2*3p	Pin 0.83°0.03 Pin 0.83°0.63 Pin 0.83°0.63 Pin 0.83°0.63 Pin 0.83°0.63, RM2.54 10%, radial RM 5 ESE-WARNSCHILD					
0 0 0 0	JP 8 JP 9 JP 10 JP 11	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0136	1p 1p 1p 1p 2*3p	Pin 0.63°0.63 Pin 0.83°0.63 Pi					
0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0136 £2.02.3101 43.01.0108 mp 1.940.140.04 mp	1p 1p 1p 1p 2*3p	Pin 0.83°0.03 Pin 0.83°0.63 Pin 0.83°0.63 Pin 0.83°0.63 Pin 0.83°0.63, RM2.54 10%, radial RM 5 ESE-WARNSCHILD					
0 0 0 0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0136 €2.02.3101 43.01.0108 mp 1.540.140.04 mp 1.540.140.11 mp	1p 1p 1p 1p 2*3p	Pin 0.83°0.63 Pin 0.83°0.63 Pin 0.83°0.83 Pin 0.83°0.83 Pin 0.83°0.65, RM2.54 10%, radial RM 5 ESE-WARNSCHILD NR-ETIKETTE 5 * 20 OPTICAL SYNCHRONOUS PCB //\(\hat{N}\)					
0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0136 £2.02.3101 43.01.0108 mp 1.940.140.04 mp	1p 1p 1p 1p 2*3p	Pin 0.63°0.63 Pin 0.83°0.63 Pi					
0 0 0 0 0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5	64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.11.0020 64.11.0138 62.02.3101 43.01.0108 mp 1.640.140.04 mp 1.440.140.11 mp 24.16.1030 mp 24.16.1030	1p 1p 1p 1p 2*3p	Pin 0.83°0.63 Pi					
0 0 0 0 0 0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6	64.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0138 62.02.3101 43.01.0108 mp 1.440.140.04 mp 1.440.140.11 mp 24.16.1030 mp 24.16.1030 mp 24.16.1030 mp	1p 1p 1p 1p 2*3p	Pin 0.63°0.63 Pin 0.83°0.63 Pi					
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7	64.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.11.0136 62.02.3101 43.01.0108 mp 1.40.140.01 mp 24.16.1030 mp 24.16.1030 mp 24.16.30354 mp 21.53.0354 mp	1p 1p 1p 1p 2*3p 100uH Label	Pin 0.83°0.63 Pi					
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8	64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.11.0138 62.02.3101 43.01.0108 mp 1.440.140.04 mp 1.440.140.11 mp 24.16.1030 mp 24.16.1030 mp 21.153.0354 mp 21.53.0354 mp 1.10.01.422 mp	1p 1p 1p 1p 1p 2*3p 100uH Label	Pin 0.63°0.63 Pin 0.83°0.63 Pi					
0 0 0 0 0 0 0 0 0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8 MP 9	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0030 62.02.3101 62.02.3101 62.02.3101 62.02.3101 62.03.034 63.034 63.	1p 1p 1p 1p 2*3p 100uH Label	Pin 0.83°0.63 Pi					
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8	64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.11.0138 62.02.3101 43.01.0108 mp 1.440.140.04 mp 1.440.140.11 mp 24.16.1030 mp 24.16.1030 mp 21.153.0354 mp 21.53.0354 mp 1.10.01.422 mp	1p 1p 1p 1p 1p 2*3p 100uH Label	Pin 0.63°0.63 Pin 0.83°0.63 Pi					
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8 MP 9	54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0030 62.02.3101 62.02.3101 62.02.3101 62.02.3101 62.03.034 63.034 63.	1p 1p 1p 1p 1p 2*3p 100uH Label	Pin 0.83°0.63 Pi					
	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8 MP 9 MP 10 P 1	64.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020	1p 1p 1p 1p 1p 2°3p 100uH Label	Pin 0.83°0.63 Pi					
	JP 8 JP 9 JP 10 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8 MP 9 MP 10 P 1 Q 1	64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 65.0	1p 1p 1p 1p 1p 2°3p 100uH Label 3°4,5 3°4,5	Pin 0.63°0.63 0.63 Pin 0.63°0.63°0.63°0.63°0.63°0.63°0.63°0.63°					
	JP 8 JP 9 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8 MP 9 MP 10 P 1	64.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020 54.01.0020	1p 1p 1p 1p 1p 2-3p 100uH Label 3-4.5 3-4.5 20p VN0608M VN0608M	Pin 0.83°0.63 Pi					
	JP 8 JP 9 JP 10 JP 10 JP 11 L 1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8 MP 9 MP 10 P 1 Q 1	64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0020 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 64.01.0030 65.0	1p 1p 1p 1p 1p 2°3p 100uH Label 3°4,5 3°4,5	Pin 0.63°0.63 0.63 Pin 0.63°0.63°0.63°0.63°0.63°0.63°0.63°0.63°					
	JP 8 JP 9 JP 10 JP 11 L1 MP 1 MP 2 MP 3 MP 4 MP 5 MP 6 MP 7 MP 8 MP 7 MP 8 MP 10 P 1 Q 1	54.01.0020 55.003.1605	1p 1p 1p 1p 1p 2-3p 100uH Label 3-4.5 3-4.5 20p VN0608M VN0608M	Pin 0.83°0.63 Pi					

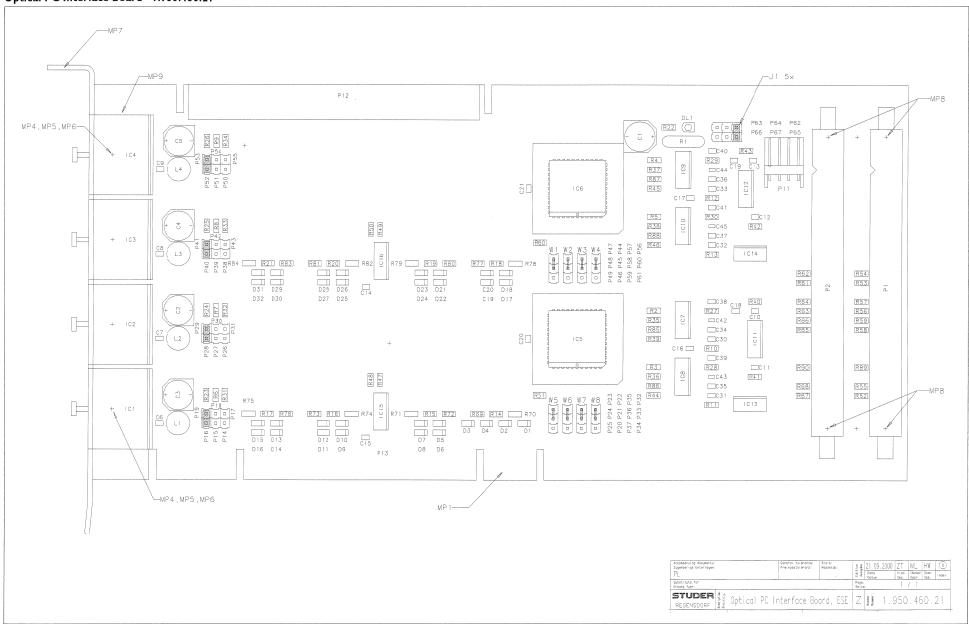
Optical PC Interface Board 1.950.460.21



Optical PC Interface Board 1.950.460.21



Optical PC Interface Board 1.950.460.21



Optical PC Interface Board 1.950.460.21

Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
C 1	59.68.0073	220u	FI 16V 8 0*10 7	0 DL1	50.04.2132	TI UG 2401	DL TLUG 2401 GN MATT	0 > 48	not used	1p	Pin, 1reihig, gerade	0 R 26	57.60.1183	18k	MF, 1%, 0204, E24
			EL 16V, 8.0*6.3		00.04.2.102	12002101	52 12552401 011102111	0 > 49	not used	10	Pin, 1reihig, gerade	0 R 27	57.60.1182	1k8	MF, 1%, 0204, E24
2	59.68.0071	100u		0 IC 1	89,10,0102	TODX294	Duplex Transceiver	0 250	54.11.0138 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 28	57 60 1182	1k8	MF, 1%, 0204, E24
3	59.68.0071	100u	EL 16V, 8.0*6.3	0 IC 2	89.10.0102	TODX294	Duplex Transceiver					0 R 29	57.60.1182	1k8	MF 1% 0204 F24
4	59.68.0071	100u	EL 16V, 8.0*6.3	0 IC 3	89.10.0102	TODX294	Duplex Transceiver	0 P 51	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R 30	57 60 1182	1k8	MF 1% 0204 F24
5	59.68.0071	100u	EL 16V, 8.0*6.3	0 IC4	89.10.0102	TODX294	Duplex Transceiver	0 P 52	54.01.0020 0 pce	1p	Pin, 1reihig, gerade				MF. 1%, 0204, E24
3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 10.5	1 950 905 20	100/294		0 P 53	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R 31	57.60,1122	1k2	
7	59 60 3337	100n	CER 50V, 10%, X7R, 0805	0 10 5	1.950.905.20		SW 460 IFOPTO (50.63.4201)	0 P 54	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R 32	57.60.1122	1k2	MF, 1%, 0204, E24
8	59 60 3337	100n	CER 50V 10% X7R 0805			50.63.4201		0 P 55	54.01.0020 0 pce	10	Pin, 1reihig, gerade	0 R 33	57.60.1122	1k2	MF, 1%, 0204, E24
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 6	1.950.905.20		SW 460 IFOPTO (50.63.4201)	0 P 56	not used	10	Pin, 1reihig, gerade	0 R 34	57.60.1122	1k2	MF, 1%, 0204, E24
9						50.63.4201		0 P57	not used			0 R 35	57 60 1106	10M	MF, 1%, 0204, E24
10	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 7	50.62.4946	74HCT9046	PLL with bandgap contr VCO	0 . 0.	not about	1p	Pin, 1reihig, gerade	0 R 36	57.60.1106	10M	MF, 1%, 0204, E24
11	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 10 8	50.62.4946		PLL with bandgap contr VCO	0 P 58	not used	1p	Pin, 1reihig, gerade			10M	MF 1% 0204 E24
12	59.60.3337	100n	CER 50V, 10%, X7R, 0805		00.02.1010			0 P 59	not used	1p	Pin, 1reihig, gerade	0 R 37	57.60.1106		
13	59.60.3337	100n	CER 50V 10% X7R 0805	0 IC 9	50.62.4946		PLL with bandgap contr VCO	0 P60	not used	1p	Pin, 1reihig, gerade	0 R 38	57.60.1106	10M	MF, 1%, 0204, E24
14	59 60 3337	100n	CER 50V, 10%, X7R, 0805	0 IC 10	50.62.4946		PLL with bandgap contr VCO	0 P 61	not used	10	Pin, 1reihig, gerade	0 R 39	57.60.1104	100k	MF, 1%, 0204, E24
15	59 60 3337	100n	CER 50V, 10%, X7R, 0805	0 IC 11	50.62.1423	74HC423	Dual multivibr monost retrigg	0 P62	54.11.0136 1 pce	2*3p	Pin 0.63*0.63. RM2.54	0 R 40	57.60.1104	100k	MF, 1%, 0204, E24
			CER 50V, 10%, X7R, 0005	0 IC 12	50.62.1423	74HC423	Dual multivibr monost retrigg	0 P63	54.01.0020 0 pce	2 SP 10	Pin. 1reihig, gerade	0 R 41	57.60.1104	100k	MF, 1%, 0204, E24
16	59.60.3337	100n		0 IC 13	50.62.1014	74HC 14	Hex Schmitt trigger inverter					0 R42	57 60 1104	100k	MF 1% 0204 F24
17	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 14	50.62.1014	74HC 14	Hex Schmitt trigger inverter	0 P 64	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R 43	57.60.1104	100k	MF, 1%, 0204, E24
18	59.60.3337	100n	CER 50V, 10%, X7R, 0805		50.62.1014	DS34C86	4*RS 422 Line Receiver	0 P 65	54.01.0020 0 pce	1p	Pin, 1reihig, gerade				
19	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 15				0 P 66	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R 44	57.60.1104	100k	MF, 1%, 0204, E24
20	59 60 3337	100n	CER 50V, 10%, X7R, 0805	0 IC 16	50.62.0463	DS34C86	4*RS 422 Line Receiver	0 P 67	54 01 0020 0 nce	1p	Pin, 1reihig, gerade	0 R 45	57.60.1104	100k	MF, 1%, 0204, E24
	59.60.3337	100n	CER 50V. 10%. X7R. 0805		F. 04 0004 15		0.60*0.60****		01.01.00 <u>2</u> 0 0 poo	. 16	Tan Training garage	0 R 46	57.60.1104	100k	MF, 1%, 0204, E24
21				0 J1	54.01.0021 5 pcs	Jumper	0.63*0.63mm, Au	0 Q1	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 47	57.60.1103	10k	MF, 1%, 0204, E24
22	not used	68n	CER 50V, 10%, X7R, 0805	0 L1	62.02.3470	47uH	10% radial RM 5	0 02	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R48	57.60.1103	10k	MF 1% 0204 F24
23	not used	68n	CER 50V, 10%, X7R, 0805			47uH 47uH	10%, radial RM 5	0 03	not used	VP0808L	P-VMOS-FET 60V 0.33A	0 R49	57.60.1103	10k	MF, 1%, 0204, E24
24	not used	68n	CER 50V, 10%, X7R, 0805	0 L2	62.02.3470	17 011 1							0110011100	1011	
25	not used	68n	CER 50V, 10%, X7R, 0805	0 L3	62.02.3470	47uH	10%, radial RM 5	0 Q4	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 50	57.60.1103	10k	MF, 1%, 0204, E24
26	not used	68n	CER 50V. 10%, X7R, 0805	0 L4	62.02.3470	47uH	10%, radial RM 5	0 Q5	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 51	57.60.1103	10k	MF, 1%, 0204, E24
27	not used	68n	CER 50V. 10%. X7R. 0805					0 Q6	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 52	57.60.1103	10k	MF, 1%, 0204, E24
		68n	CER 50V, 10%, X7R, 0805	0 MP 1	1.950.460.11 1 pce		OPTICAL PC INTERFACE PC3	0 Q 7	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 53	57.60.1103	10k	MF, 1%, 0204, E24
28	not used		CER 50V, 10%, X7R, 0805 CER 50V 10% X7R 0805	0 MP 2	43.01.0108 1 pce	Label	ESE-WARNSCHILD	0 Q8	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 54	57.60.1103	10k	MF. 1%, 0204, E24
29	not used	68n		0 MP 3	1.950.460.04 1 pce		NR. ETIKETTE 5x20	0 0 9	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 55	57.60.1103	10k	MF. 1%, 0204, E24
30	59.60.3321	4n7	CER 50V, 10%, X7R, 0805	0 MP 4	24.16.1030 2 pcs	3.2/5.5	Rippenscheibe	0 0 10	not used	VP0808L	P-VMOS-FET 60V 0.33A	0 R 56	57.60.1103	10k	MF. 1%, 0204, E24
31	59.60.3321	4n7	CER 50V, 10%, X7R, 0805	0 MP 5	21.26.0352 2 pcs	M3*4	Z-Schraube KS Zn ab chrom	- · · · · ·		*1 00000				1.011	
32	59.60.3321	4n7	CER 50V, 10%, X7R, 0805	0 MP6	1.010.023.22 2 pcs	,,,,,	NIETMUTTER SW 6 M 3 *2.5	0 Q 11	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 57	57.60.1103	10k	MF, 1%, 0204, E24
33	59.60.3321	4n7	CER 50V, 10%, X7R, 0805					0 Q 12	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 58	57.60.1103	10k	MF, 1%, 0204, E24
34	59.60.3319	3n3	CER 50V, 10%, X7R, 0805		1.950.460.01 1 pce		KARTENHALTER	0 Q 13	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 59	57.60,1103	10k	MF, 1%, 0204, E24
-			CER 50V, 10%, X7R, 0005	0 MP 8	21.48.0354 4 pcs	M3*6	Z-Schr Torx, taptite, A2	0 Q 14	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 60	57.60,1103	10k	MF, 1%, 0204, E24
35	59.60.3319	3n3		0 MP9	1.950.460.02 1 pce		UNTERLAGE	0 C 15	not used	VP0808I	P-VMOS-FET 60V, 0.33A	0 R 61	57 60 1103	10k	MF, 1%, 0204, E24
36	59.60.3319	3n3	CER 50V, 10%, X7R, 0805	0 MP 10	1.101.001.21 1 pce		TEXT-ETIK, 5*20 HARDWARE -21	0 Q 16	not used	VP0808L	P-VMOS-FET 60V, 0.33A	0 R 62	57.60.1103	10k	MF. 1%, 0204, E24
37	59.60.3319	3n3	CER 50V, 10%, X7R, 0805					0 Q 17		VN0808L	N-VMOS-FET 80V 0.35A				
38	59.60.2361	330p	CER 50V, 5%, C0G, 0805	0 P1	54.14.2055	50p	Stecker gerade Au		not used	VN0808L	N-VMOS-FET 80V. 0.35A	0 R 63	57.60.1103	10k	MF, 1%, 0204, E24
39	59 60 2361	330p	CER 50V. 5%. C0G. 0805	0 P2	54.14.2055	50p	Stecker gerade Au	0 Q 18	not used			0 R 64	57.60.1103	10k	MF, 1%, 0204, E24
40	59.60.2361	330p	CER 50V. 5%, C0G. 0805	0 P3	not used	20p	1/20" Au, gerade, Verrieg	0 Q 19	not used	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 65	57.60.1103	10k	MF, 1%, 0204, E24
41	59 60 2361	330p	CER 50V, 5%, C0G, 0805	0 P4	not used	20p	1/20" Au, gerade, Verrieg	0 Q 20	not used	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 66	57.60.1103	10k	MF, 1%, 0204, E24
	00.00.200.			0 P5				0 Q 21	not used	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 67	57 60 1103	10k	MF. 1%, 0204, E24
42	59.60.2253	150p	CER 50V, 5%, C0G, 0603		not used	20p	1/20" At, gerade, Verrieg	0 Q 22	not used	VN08081	N-VMOS-FET 80V 0.35A	0 R 68	57.60.1103	10k	MF 1% 0204 F24
43	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 P6	not used	20p	1/20" At, gerade, Verrieg	0 0 23	not used	VN0808L	N-VMOS-FET 80V, 0.35A			1	The first one of the
44	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 P11	54.12.0724	4p	Steckerwinkel PCB	0 Q 24	not used	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 69	57.60.1101	100R	MF, 1%, 0204, E24
45	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 P14	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54				N-VMOS-FET 80V 0.35A	0 R 70	57.60.1101	100R	MF, 1%, 0204, E24
				0 P 15	54.01.0020 0 pce	1p	Pin. 1reihig. gerade	0 Q 25	not used	VN0808L		0 R 71	not used	100R	MF, 1%, 0204, E24
1	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 16	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 Q 26	not used	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 72	not used	100R	MF, 1%, 0204, E24
2	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 17	54.01.0020 0 pce	10	Pin, 1reihig, gerade	0 Q 27	not used	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 73	57.60.1101	100R	MF, 1%, 0204, E24
3	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P18	enement o pou			0 Q 28	not used	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 74	57.60.1101	100R	MF. 1%, 0204, E24
4	50.60.8001	4448	200mA 75V 4ns SOD 80		54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 0 29	not used	VN0808L	N-VMOS-FET 80V 0.35A	0 R 75	57.60.1101	100R	MF, 1%, 0204, E24
5	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 19	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 0 30	not used	VN0808L	N-VMOS-FET 80V 0.35A	0 R75	57.60.1101	100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24
				0 P 20	not used	1p	Pin, 1reihig, gerade	0 Q31		VN0808L	N-VMOS-FET 80V, 0.35A				
6	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 21	not used	1p	Pin, 1reihig, gerade		not used			0 R 77	57.60.1101	100R	MF, 1%, 0204, E24
7	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 22	not used	1p	Pin, 1reihig, gerade	0 Q 32	not used	VN0808L	N-VMOS-FET 80V, 0.35A	0 R 78	57.60.1101	100R	MF, 1%, 0204, E24
8	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 23	not used	10	Pin, 1reihig, gerade	0 R1	57.92.7053	1.6A	PTC 30V	0 R 79	not used	100R	MF, 1%, 0204, E24
9	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 24	not used	1p	Pin, 1reinig, gerade	0 R1			MF 1% 0204 F24	0 R 80	not used	100R	MF, 1%, 0204, E24
10	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 25					57.60.1822	8k2		0 R 81	57.60.1101	100R	MF, 1%, 0204, E24
11	50.60.8001	4448	200mA 75V 4ns SOD 80		not used	1p	Pin, 1reihig, gerade	0 R3	57.60.1822	8k2	MF, 1%, 0204, E24	0 R 82	57.60.1101	100R	MF, 1%, 0204, E24
12	50.60.6001	4448	200mA 75V 4ns SOD 80	0 P 26	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R4	57.60.1822	8k2	MF, 1%, 0204, E24	0 R 83	57.60.1101	100R	MF. 1%, 0204, E24
				0 P 27	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R5	57.60.1822	8k2	MF, 1%, 0204, E24				
13	50.60.8001	4448		0 P 28	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R6	57.60.1622	6k2	MF, 1%, 0204, E24	0 R 84	57.60.1101	100R	MF, 1%, 0204, E24
14	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 29	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R7	57 60 1622	6k2	MF. 1%, 0204, E24	0 R 85	57.60.1000	0R0	MF, 0204
15	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 30	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R8	57.60.1622	6k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 86	57.60.1000	0R0	MF, 0204
16	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P31	54.01.0020 0 pce							0 R 87	57.60.1000	0R0	MF, 0204
17	50.60.8001	4448	200mA 75V 4ns SOD 80			1p	Pin, 1reihig, gerade	0 R9	57.60.1622	6k2	MF, 1%, 0204, E24	0 R 88	57.60.1000	0R0	MF. 0204
18	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 32	not used	1p	Pin, 1reihig, gerade	0 R 10	57.60.1472	4k7	MF, 1%, 0204, E24	0 R 89	57.60.1103	10k	MF, 1%, 0204, E24
19	50.60.6001	4448	200mA 75V 4ns SOD 80	0 P 33	not used	1p	Pin, 1reihig, gerade	0 R11	57.60.1472	4k7	MF, 1%, 0204, E24	0 R90	57.60.1103	10k	
	50.60.8001	4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 P 34	not used	1p	Pin, 1reihig, gerade	0 R 12	57.60.1472	4k7	MF, 1%, 0204, E24	n K an	57.00.1103	IUK	MF, 1%, 0204, E24
20				0 P 35	not used	1p	Pin, 1reihig, gerade	0 R 13	57 60 1472	4k7	MF. 1% 0204 F24	0 W 1	1.010.329.64	Wire	DRAHTBRUECKE U. 4.3
21	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P36	not used	10	Pin, 1reihig, gerade	0 R14	57.60.1201	200R	MF, 1%, 0204, E24	0 W 2	1.010.329.64	Wire	DRAHTBRUECKE U. 4.3
22	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P37	not used	1p	Pin, 1reihig, gerade								
23	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P38	54.11.0136 1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 15	57.60.1201	200R	MF, 1%, 0204, E24	0 W 3	1.010.329,64	Wire	DRAHTBRUECKE U, 4.3*
24	50.60.8001	4448	200mA 75V 4ns SOD 80					0 R 16	57.60.1201	200R	MF, 1%, 0204, E24	0 W 4	1.010.329.64	Wire	DRAHTBRUECKE U, 4.3*
25	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P39	54.01.0020 0 pce	1p	Pin, 1relhig, gerade	0 R 17	57.60.1201	200R	MF, 1%, 0204, E24	0 W 5	1.010.329.64	Wire	DRAHTBRUECKE U, 4.3°
				0 P 40	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R 18	57.60.1201	200R	MF. 1%, 0204, E24	0 W 6	1.010.329.64	Wire	DRAHTBRUECKE U. 4.3
26	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P41	54.01.0020 0 pce	1p	Pin, 1reihig, gerade	0 R 19	57.60.1201	200R	MF, 1%, 0204, E24	0 W 7	1.010.329.64	Wire	
27	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P42	54.01.0020 0 pce	10	Pin, 1reihig, gerade								DRAHTBRUECKE U, 4.3
28	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P42	54.01.0020 0 pce 54.01.0020 0 pce		Pin, 1reilig, gerade	0 R 20	57.60.1201	200R	MF, 1%, 0204, E24	0 W 8	1.010.329.64	Wire	DRAHTBRUECKE U, 4.3°
29	50.60.8001	4448	200mA 75V 4ns SOD 80			1p		0 R 21	57.60.1201	200R	MF, 1%, 0204, E24	0 200-	50 00 05 · ·		DI 00 0
30	50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 44	not used	1p	Pin, 1reihig, gerade	0 R 22	57.60.1201	200R	MF, 1%, 0204, E24	0 XIC 5	53.03.2244	44p	PLCC-Socket
	00.00.0001	4448 4448	200mA 75V 4ns SOD 80 200mA 75V 4ns SOD 80	0 P 45	not used	1p	Pin, 1reihig, gerade	0 R 23	57.60.1183	18k	MF, 1%, 0204, E24	0 XIC 6	53.03.2244	44p	PLCC-Socket
					not used										
31	50.60.8001 50.60.8001	4448	200mA 75V 4ns SOD 80	0 P 46	not usea	1p	Pin, 1reihig, gerade	0 R 24	57 60 1183	18k	MF 1% 0204 F24				

SCHEMATA / CIRCUIT DIAGRAMS

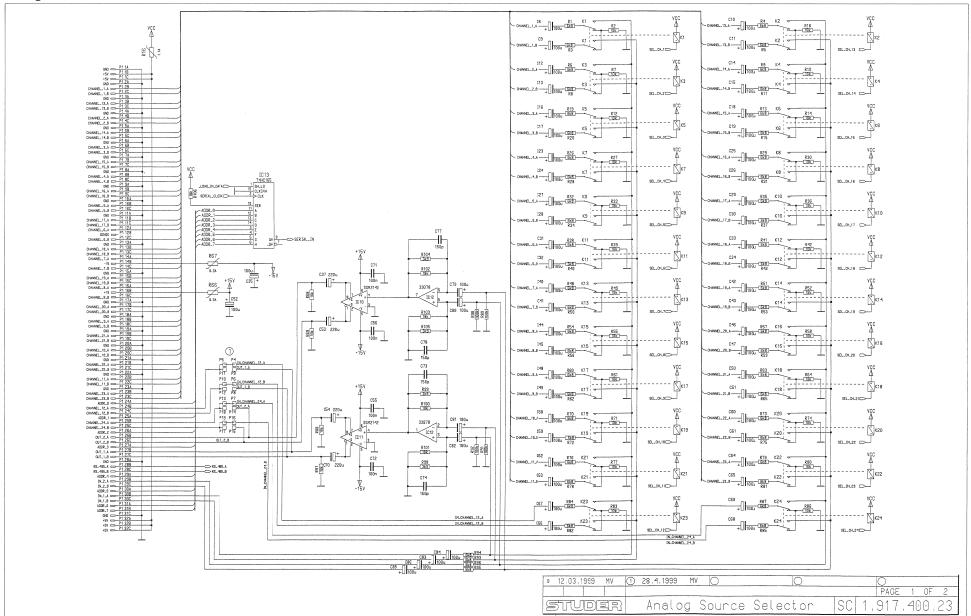
Monitor Eurocards

Analog Source Selector	1.917.400.23
Monitor Group Selector	1.917.410.24
Insert Router Board	1.917.415.20
Talkback Selector	1.917.420.22
Talkback Sel Sideboard	1.917.421.81
Signaling IN 24CH Board	1.917.425.20
Signaling OUT 16CH Board	1.917.426.22
Dual Headphone Amp. Board	1.917.430.23

Edition: 26.05.00 Section 9

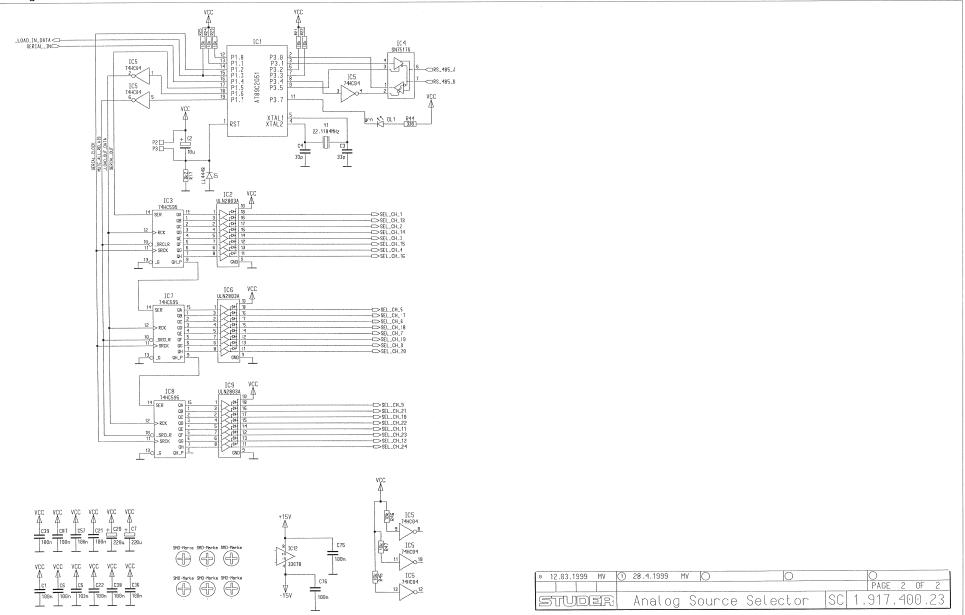
Analog Source Selector 1.917.400.23





Analog Source Selector 1.917.400.23





Analog Source Selector 1.917.400.23 MP7-MP6-ANALOG SOURCE R1 R20 C14 C15 C12 C13 C16 C17 \$ 050 E 302020 C25 C26 (31) (32) SELECTOR C36 🗀 \$[]\$[]\$[] 9 C39 C46 C47 C48 C49 C50 C51 C38 🗀 C42 C43 (34) (345) P68 £0#0#0 K19 K20 K22 K23 P/59 .917.400.23 C56 C57 Pas C85 C86 OUTOTOTO DE S F97 ① J1 (4×) 3 2 . 28.4.1999 . // // // O STUDER Analog Source Selector, ESE 1.917.400.23

REGENSDORF

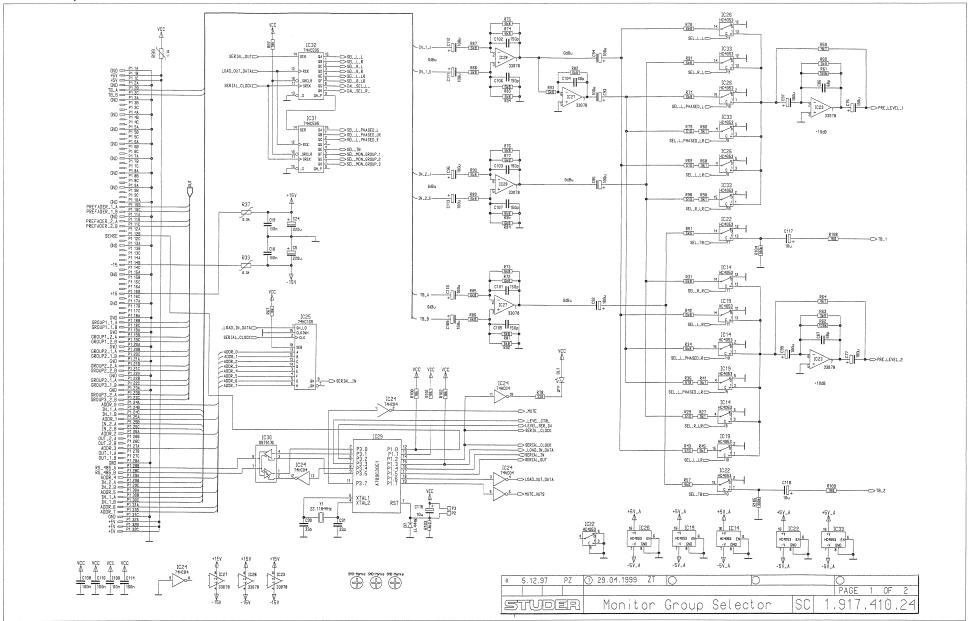


Analog Source Selector 1.917.400.23

	ource Selector	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,												
Pos.	Part No. Qty. Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
C 1	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 D1	50.60.8001	4448	200mA 75V 4ns SOD 80	0 R 15	57.60.1682	6K8	MF, 1%, 0204, E24	0 R 103	57,60.1183	18k	MF, 1%, 0204, E24
C 2	59.68.0065 10u	C-EL 16V, 4.0*5.7					0 R 16	57.92.7051	1.1A	POLY- PTC, 30V	0 R 104	57.60.1392	3K9	MF, 1%, 0204, E24
3	59.60.2237 33p	CER 50V, 5%, C0G 0603	0 DL 1	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT	0 R 17	57.60.1822	8K2	MF, 1%, 0204, E24	0 R 105	57.60.1392	3K9	MF, 1%, 0204, E24
4	59.60.2237 33p	CER 50V, 5%, C0G 0603					0 R 18	57.60.1103	10K	MF, 1%, 0204, E24	0 R 106	57.60.1103	10K	MF, 1%, 0204, E24
5	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 IC1	1.950.910.22		SW 917403 ATMEL1 (50.16.0313)	0 R 19	57.60.1682	6K8	MF, 1%, 0204, E24				
6	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 IC 2	50.15.0119	ULN2803 74HC595	Octal peripherial Driver, o.c.	0 R 20	57.60,1682	6K8	MF, 1%, 0204, E24	0 XIC 1	53.03.0165	20p	DIL 0.3", löt, gerade
7	59.68.0031 220u	C-EL 6V, 8.0*6.3	0 IC 3	50.62.1595	74HC595 75176	8bit shift/output register	0 R 21	57.60.1103	10K 10K	MF, 1%, 0204, E24				
3	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC 4	50.15.0115		IC SN 75176 BP, DS 3695 N,	0 R 22	57.60.1103	10K	MF, 1%, 0204, E24	0 Y1	89.60.1004	22.1184MHz	SMD Quartz
9	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC 5	50.62.1004	74HC 04	Hex inverter	0 R 23	57.60.1103		MF, 1%, 0204, E24				
10	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC 6	50.15.0119	ULN2803	Octal peripherial Driver, o.c.	0 R 24	57.60.1103	10K	MF, 1%, 0204, E24			End of List	
11	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC 7	50.62.1595	74HC595 74HC595	8bit shift/output register	0 R 25	57.60,1103	10K	MF, 1%, 0204, E24	Comments			
12	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC8	50.62.1595		8bit shift/output register	0 R 26	57.60.1682	6K8	MF, 1%, 0204, E24	3371111111111			
13	59.88.0029 100u	C-EL 6V, 6.3*5.7	0 IC 9	50.15.0119 50.09.0124	ULN2803	Octal peripherial Driver, o.c. IC SSM 2142 P	0 R 27	57.60.1103	10K	MF, 1%, 0204, E24				
14	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC 10		2142	IC SSM 2142 P	0 R 28	57.60.1682	6K8	MF, 1%, 0204, E24				
15	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC 11	50.09.0124	2142 MC33078	Dual Op-Amp low noise	0 R 29	57.60.1682	6K8	MF, 1%, 0204, E24				
16	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC 12	50.61.0204 50.62.1165	74HC165	Bbit shift register	0 R 30	57.60.1103 57.60.1682	10K 6K8	MF, 1%, 0204, E24				
17	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 IC 13	50.62.1165	/4HC 100	abit shift register	0 R 31			MF, 1%, 0204, E24				
18	59.68.0029 100u	C-EL 6V, 6.3*5.7				0.00 + 0.00	0 R 32	57.60.1682	6K8	MF, 1%, 0204, E24				
3 19	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 J1	54.01.0021 4 pcs	umper	0.63 * 0.63mm	0 R 33	57.60.1103	10K	MF, 1%, 0204, E24				
20	59.68.0031 220u	C-EL 6V, 8.0*6.3					0 R 34	57.60.1682	6K8	MF, 1%, 0204, E24				
21	59.60.3337 100n	CER 50V, 10%, X7R 0805	0 K1	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 35	57.60.1682	6K8	MF, 1%, 0204, E24				
3 22	59.60.3337 100n	CER 50V, 10%, X7R 0805	0 K2	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 36	57.60.1103	10K	MF, 1%, 0204, E24				
23	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K3	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 37	57.60.1682	6K8	MF, 1%, 0204, E24				
24	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K4	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 38	57.60.16B2	6KB	MF, 1%, 0204, E24				
25	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K5	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 39	57.60.1103	10K	MF, 1%, 0204, E24				
26	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K6	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 40	57,60.1682	6K8	MF, 1%, 0204, E24				
27	59.68.0029 100u	C-EL 8V, 6.3*5.7	0 K7	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 41	57.60.1682	6KB	MF, 1%, 0204, E24				
28	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K8	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 42	57.60.1103	10K	MF, 1%, 0204, E24				
29	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K9	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 43	57.60.1682	6K8	MF, 1%, 0204, E24				
30	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K 10	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 44	57.60.1331	330R	MF, 1%, 0204, E24				
31	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K 11	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 45	57.60.1103	10K	MF, 1%, 0204, E24				
32	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K 12	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 46	57.60.1103	10K	MF, 1%, 0204, E24				
33	59.66.0029 100u	C-EL 6V, 6.3*5.7	0 K 13	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 47	57.60.1103	10K	MF, 1%, 0204, E24				
34	59.68.0029 100u	C-EL 6V 6.3*5.7	0 K 14	56.04.0198	2u	5V 125V 2A Ag/Au	0 B 48	57 60 1682	6K8	MF 1% 0204 F24				
35	59.68.0115 100u	C-EL 35V, 8.0*10.7	0 K 15	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 49	57.60.1103	10K	MF, 1%, 0204, E24				
36	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 K 16	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 50	57.60.1682	6K8	MF, 1%, 0204, E24				
37	59.68.0073 220u	C-EL 16V. 8.0*10.7	0 K 17	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 51	57.60.1682	6K8	MF. 1%, 0204, E24				
38	59.60.3337 100n	GER 50V 10% X7R 0805	0 K18	58.04.0198	2u	5V 125V 2A Ag/Au	0 R 52	57.60.1103	10K	MF. 1%, 0204, E24				
39	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 K 19	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 53	57.60.1682	6K8	MF, 1%, 0204, E24				
40	59.68.0029 100u	C-EL 6V. 6.3*5.7	0 K 20	56.04.0198	211	5V 125V 2A Ag/Au	0 R 54	57.60.1682	6K8	MF, 1%, 0204, E24				
	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K21	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 55	57.60.1103	10K	MF, 1%, 0204, E24				
41	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 K22	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 56	57.60.1682	6K8	MF, 1%, 0204, E24				
42		C-EL 6V, 6.3*5.7	0 K22	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 57	57 60 1682	6KB	MF. 1% 0204, E24				
43				56.04.0198	2u	5V 125V 2A Ag/Au	0 R 58	57.E0.1103	10K	MF, 1%, 0204, E24				
44	59.68.0029 100u 59.68.0029 100u	C-EL 6V, 6.3*5.7 C-EL 6V, 6.3*5.7	0 K 24	56.04.0186	20	34 1234 ZA AgiAu	0 R 59	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
45		C-EL 6V, 6.3*5.7 C-EL 6V, 6.3*5.7	0 MP 1	1.917.400.13 1 pce		ANALOG SOURCE SELECTOR PCB	0 R 60	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
C 46			0 MP1 0 MP2	1.101.001.20 1 pce	Labor	TEXT-ETIK, 5*20 HARDWARE -23	0 R 60	57.E0.1682 57.E0.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
C 47	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 MP3	43.01.0108 1 pce		ESE-WARNSCHILD			6K8					
C 48	59.68.0029 100u	C-EL 6V, 6.3*5.7		43.01.0108 1 pce	Laber	KI ARSICHTSCHILD	0 R 62	57.60.1682		MF, 1%, 0204, E24				
C 49	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 MP 4			GRIFFHAELFTE	0 3 63	57.60.1682	6K8	MF, 1%, 0204, E24				
50	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 MP 6	1.010.006.33 2 pcs		Rohmiete Ms blank	0 R 64	57.60.1103	10K	MF, 1%, 0204, E24				
51	59.68.0029 100u	C-EL 6V, 6.3*5.7		28.21.1380 3 pcs	2.25 0.5	ROHRNIETE D 2.5*0.15* 9	0 ₹65	57.60.1682	6K8	MF, 1%, 0204, E24				
52	59.68.0115 100u	C-EL 35V, 8.0*10.7	0 MP 7	28.99.0119 2 pcs		BEZ. STREIFEN 6.3x91	0 R 66	57.92.7011	0.2A	POLY- PTC, 60V				
53	59.68.0073 220u	C-EL 16V, 8.0*10.7	0 MP 8	1.917.400.01 1 pce		BEZ, STREIPEN 6,3X91	0 3 67	57.92.7011	0.2A	POLY- PTC, 60V				
54	59.68.0073 220u	C-EL 16V, 8.0*10.7	0 P1	54.11.2009	96p	EU-R 3*32p	0 R 68	57,60.1103	10K	MF, 1%, 0204, E24				
55	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 P2	54 01 0020	1p	Pin 0.63*0.63	0 R 69	57.60.1103	10K	MF, 1%, 0204, E24				
56	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 P3	54.01.0020	1p	Pin 0.63*0.63	0 R 70	57.60.1682	6K8	MF, 1%, 0204, E24				
57	59.60,3337 100n	CER 50V, 10%, X7R, 0805	0 P4	54.01.0020	1p	Pin 0.63*0.63	0 R 71	57.60.1103	10K	MF, 1%, 0204, E24				
58	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P5	54.01.0020	1p	Pin 0.63*0.63	0 R 72	57.60.1682	6K8	MF, 1%, 0204, E24				
59	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P6	54.01.0020	1p	Pin 0.63*0.63	0 R 73	57.60.1682	6K8	MF, 1%, 0204, E24				
60	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P7	54.01.0020	1p	Pin 0.63*0.63	0 3 74	57.60.1103	10K	MF, 1%, 0204, E24				
61	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P8	54.01.0020	1p	Pin 0.63*0.63	0 R 75	57.60.1682	6K8	MF, 1%, 0204, E24				
62	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P9	54.01.0020	1p	Pin 0.63*0.63	0 R 76	57.60.1682	6K8	MF, 1%, 0204, E24				
33	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P10	54.01.0020	1p	Pin 0.63*0.63	0 R 77	57.60.1103	10K	MF, 1%, 0204, E24				
34	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P10	54.01.0020	ip ip	Pin 0.63*0.63	0 R 78	57.60.1682	6KB	MF, 1%, 0204, E24				
35	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P11	54.01.0020	10	Pin 0.63*0.63	0 R 79	57.60.1682	6K8	MF, 1%, 0204, E24				
36	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P12 0 P13	54.01.0020	1p 1p	Pin 0.63*0.63	0 R 80	57.60.1103	10K	MF, 1%, 0204, E24				
37	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P13 0 P14	54.01.0020 54.01.0020	1p 1p	Pin 0.63*0.63 Pin 0.63*0.63	0 R 81	57.60.1682	6K8	MF, 1%, 0204, E24				
68	59.68.0029 100u	C-EL 6V. 6.3*5.7				Pin 0.63*0.63 Pin 0.63*0.63	0 R 82	57.60.1682	6K8	MF, 1%, 0204, E24				
69	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 P 15	54.01.0020	1p		0 R 83	57,60,1103	10K	MF. 1%, 0204, E24				
70	59.68.0073 220u	C-EL 16V, 8.0*10.7	0 P 16	54.01.0020	lp .	Pin 0.63*0.63	0 R B4	57.60.1682	6K8	MF, 1%, 0204, E24				
70 71	59.60.3337 100n	CER 50V, 10%, X7R 0805	0 P 17	54.01.0020	1p	Pin 0.63*0.63	0 R 85	57.60.1682	5K8	MF, 1%, 0204, E24				
72	59.60.3337 100n	CER 50V, 10%, X7R, 0805	0 P 18	54.01.0020	1p	Pin 0.63*0.63	0 R 86	57.60.1103	10K	MF, 1%, 0204, E24				
	59.60.2253 150p	CER 50V, 10%, A7R, 0803	0 P 19	54.01.0020	1p	Pin 0.63*0.63	0 R 87	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
73 74	59.60.2253 150p 59.60.2253 150p	CER 50V, 5%, C0G, 0603					0 R88	57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
	59.60.2253 150p 59.60.3337 100n	CER 50V, 19%, C0G, 0803 CER 50V, 10%, X7R, 0805	0 R1	57.60.1682	6K8	MF, 1%, 0204, E24	0 R 89	57.60.1103	100K	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
75			0 R 2	57.60.1103	10K	MF, 1%, 0204, E24	0 R 90	57.60.1104	100K	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
76		CER 50V, 10%, X7R, 0805 CER 50V. 5%, CDG, 0603	0 R3	57.60.1682	6K8	MF, 1%, 0204, E24	0 R90	57.60.1104 57.60.1104	100K					
77			0 R4	57,60.1682	6K8	MF, 1%, 0204, E24			100K 100K	MF, 1%, 0204, E24				
78	59.60.2253 150p	CER 50V, 5%, C0G, 0603	0 R.5	57.60.1682	6K8	MF, 1%, 0204, E24	0 R 92	57.60.1104		MF, 1%, 0204, E24				
79	59.68.0029 100u	C-EL 6V, 6.3°5.7	0 R6	57,60.1682	6KB	MF, 1%, 0204, E24	0 R 93	57.60.1682	6K8	MF, 1%, 0204, E24				
80	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 R7	57.60.1103	10K	MF, 1%, 0204, E24	0 R 94	57.63.1682	6K8	MF, 1%, 0204, E24				
81	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 R8	57.60.1682	6KB	MF, 1%, 0204, E24	0 R 95	57.63.1682	6KB	MF, 1%, 0204, E24				
82	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 R9	57.60.1682	6K8	MF, 1%, 0204, E24	0 R 96	57.63.1682	6K8	MF, 1%, 0204, E24				
83	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 R 10	57.60.1103	10K	MF, 1%, 0204, E24	0 R 97	57.63.1103	10K	MF, 1%, 0204, E24				
84	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 R 11	57.60.1682	6KB	MF, 1%, 0204, E24	0 R 98	57.63.1392	3K9	MF, 1%, 0204, E24				
85	59.68.0029 100u	C-EL 6V, 6.3*5.7	0 R 12	57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 99	67.6).1392	3K9	MF, 1%, 0204, E24				
	59.68.0029 100u	C-EL 6V. 6.3*5.7	0 R 12	57.60.1103	6KB	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R 100	57.63.1183	18k	MF, 1%, 0204, E24				
	59.00.0029 1000													
86	59.60.3237 100n	CER 50V, 10%, X7R, 0805	0 R 14	57.60.1103	10K	MF, 1%, 0204, E24	0 R 101	57.60.1183	18k	MF, 1%, 0204, E24				

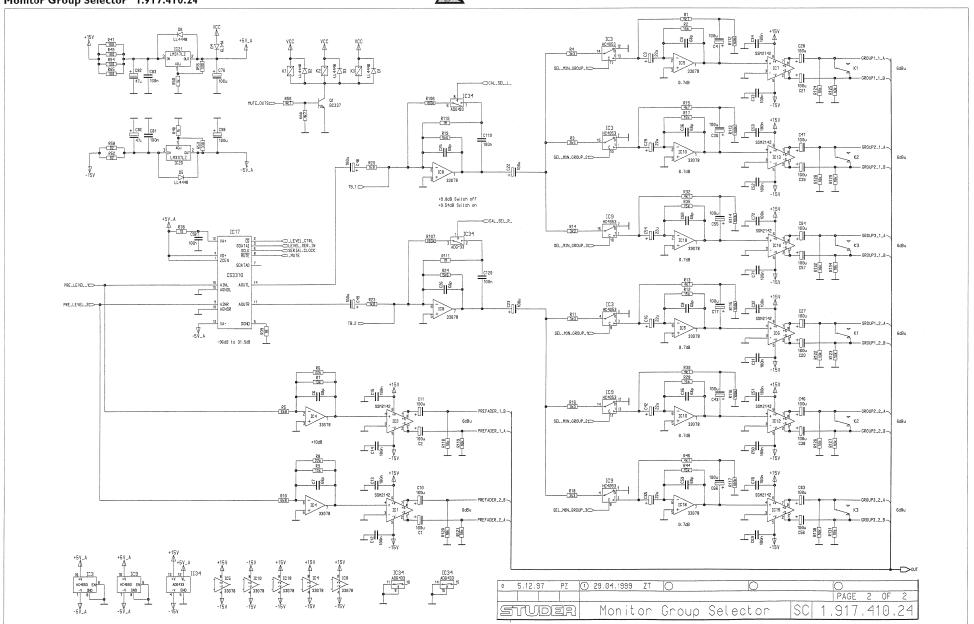
Monitor Group Selector 1.917.410.24





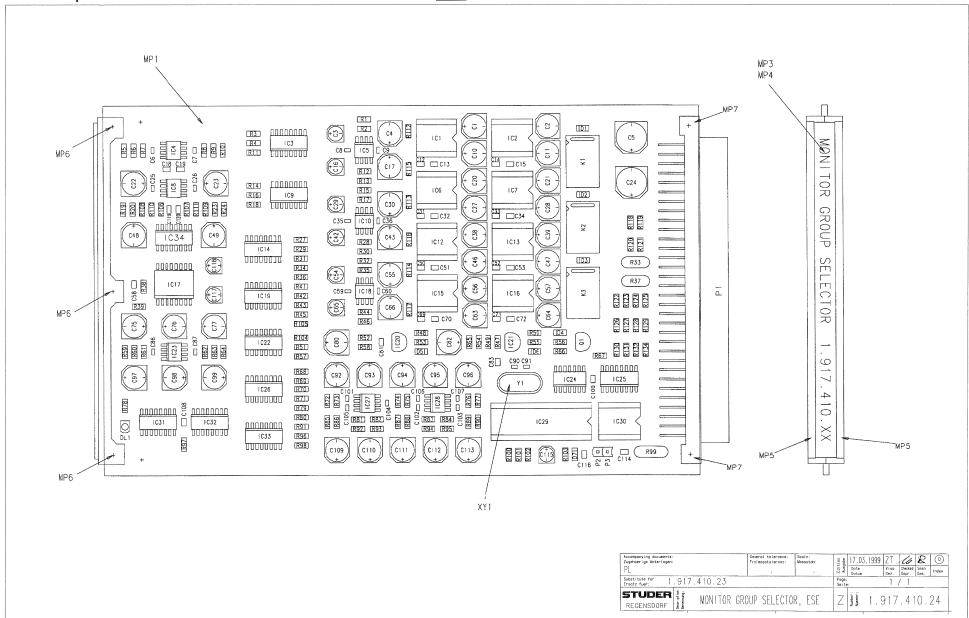


Monitor Group Selector 1.917.410.24









MONITOR GROUP SELECTOR 1.917.410.24 (03)

Page: 1 of 2

ldx.	Pos.	Part No.	Qty.	Type/Val.	Description	ldx.	. Po	s.	Part No.	Qty.	Type/Val.	Description
		FO CO 0000		400	EL 01 0 245 7	0	С	120	59.60.3337		100n	CER 50V, 10%, X7R, 0805
	C 1 C 2	59.68.0029 59.68.0029		100u 100u	EL 6V, 6.3*5.7 EL 6V, 6.3*5.7	0	D		50.60.8001		4448	200mA 75V 4ns SOD 80
1	C 3	59.68.0025		22u	EL 6V, 4.0*5.7	0	D:		50.60.8001		4448	200mA 75V 4ns SOD 80
0	C 4	59.68.0029		100u	EL 6V, 6.3*5.7	0 2	D:		50.60.8001 not used		4448 GL34A	200mA 75V 4ns SOD 80 500mA 50V DO 213
0	C 5	59.68.0073		220u	EL 16V, 8.0*10.7	ō	D:		50.60.8001		4448	200mA 75V 4ns SOD 80
0	C 6 C 7	59.60.2245 50.60.2245		68p 68p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0	D		50.60.8001		4448	200mA 75V 4ns SOD 80
0	C 8	59.60.2245		68p	CER 50V, 5%, C0G, 0603	0	Dr D.		50.60.8001 50.04.2132		4448 TLUG 2401	200mA 75V 4ns SOD 80 DL TLUG 2401 GN MATT
0	C 9 C 10	59.60.2245		68p 100u	CER 50V, 5%, C0G, 0603 EL 6V, 6.3*5.7	ő	IC		50.09.0124		2142	Audio balanced line driver
	C 10	59.68.0029 59.68.0029		100u	EL 6V, 6.3*5.7	0	IC		50.09.0124		2142	Audio balanced line driver
	C 12	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	IC IC		50.62.8053 50.61.0204		HC4053 MC33078	Tripple 2ch analog mux/demux Dual Op-Amp low noise
	C 13	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	IC		50.61.0204		MC33078	Dual Op-Amp low noise
0	C 14 C 15	59.60.3337 59.60.3337		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0	IC	6	50.09.0124		2142	Audio balanced line driver
1	C 16	59.68.0025		22u	EL 6V, 4.0*5.7	0	IC		50.09.0124		2142	Audio balanced line driver
	C 17	59.68.0029		100u	EL 6V, 6.3*5.7	0	IC		50.61.0204 50.62.8053		MC33078 HC4053	Dual Op-Amp low noise Tripple 2ch analog mux/demux
	C 18 C 19	59.60.3337 59.60.3337		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0		10	50.61.0204		MC33078	Dual Op-Amp low noise
	C 20	59.68.0029		100u	EL 6V, 6.3*5.7	0		12	50.09.0124		2142	Audio balanced line driver
0	C 21	59.68.0029		100u	EL 6V, 6.3*5.7	0		13 14	50.09.0124 50.62.8053		2142 HC4053	Audio balanced line driver Tripple 2ch analog mux/demux
0	C 22	59.68.0029		100u	EL 6V, 6.3*5.7	0	IC		50.09.0124		2142	Audio balanced line driver
	C 23 C 24	59.68.0029 59.68.0073		100u 220u	EL 6V, 6.3*5.7 EL 16V, 8.0*10.7	0	IC		50.09.0124		2142	Audio balanced line driver
	C 25	59.60.2245		68p	CER 50V, 5%, C0G, 0603	0	IC		50.61.8301		CS3310 MC33078	Dig volume control ste SO16
	C 26	59.60.2245		68p	CER 50V, 5%, C0G, 0603	0	IC IC		50.61.0204 50.62.8053		HC4053	Dual Op-Amp low noise Tripple 2ch analog mux/demux
0	C 27 C 28	59.68.0029 59.68.0029		100u 100u	EL 6V, 6.3*5.7 EL 6V, 6.3*5.7	0	IC	20	50.10.0109		LM337L	Series regulator 100mA37V
1	C 29	59.68.0025		22u	EL 6V, 4.0*5.7	0	IC		50.10.0108		LM317L	Series regulator 100mA+37V
0	C 30	59.68.0029		100u	EL 6V, 6.3*5.7	0	IC	22	50.62.8053 50.61.0204		HC4053 MC33078	Tripple 2ch analog mux/demux Dual Op-Amp low noise
0	C 31 C 32	59.60.3337		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0		24	50.62.1004		74HC 04	Hex inverter
	C 32 C 33	59.60.3337 59.60.3337		100n 100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X7R, 0805	0	IC	25	50.62.1165		74HC165	8bit shift register
	C 34	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	IC	26	50.62.8053 50.61.0204		HC4053 MC33078	Tripple 2ch analog mux/demux Dual Op-Amp low noise
0	C 35	59.60.2245		68p	CER 50V, 5%, COG, 0603	0		28	50.61.0204		MC33078	Dual Op-Amp low noise
0	C 36 C 38	59.60.2245 59.68.0029		68p 100u	CER 50V, 5%, C0G, 0603 EL 6V, 6.3*5.7	3	IC	29	1.950.911.22			SW 917410 ATMEL2 (50.16.0313)
	C 39	59.68.0029		100u	EL 6V, 6.3*5.7	0	IC		50.15.0115		75176	IC SN 75176 BP, DS 3695 N,
1	C 42	59.68.0025		22u	EL 6V, 4.0*5.7	0	IC		50.62.1595 50.62.1595		74HC595 74HC595	8bit shift/output register 8bit shift/output register
	C 43	59.68.0029		100u	EL 6V, 6.3*5.7 EL 6V. 6.3*5.7	0	IC		50.62.8053		HC4053	Tripple 2ch analog mux/demux
0	C 46 C 47	59.68.0029 59.68.0029		100u 100u	EL 6V, 6.3*5.7 EL 6V, 6.3*5.7	0	IC		50.61.8202		ADG433	Quad SPST SO 16
0	C 48	59.68.0029		100u	EL 6V, 6.3*5.7	0	K		56.04.0198		2*u	5V 125V 2A Ag/Au
0	C 49	59.68.0029		100u	EL 6V, 6.3*5.7	0	K:		56.04.0198 56.04.0198		2*u 2*u	5V 125V 2A Ag/Au 5V 125V 2A Ag/Au
0	C 50 C 51	59.60.3337 59.60.3337		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	ō	MF		1.917.410.13	1 pce		MONITOR GROUP SELECTOR PCB
0	C 52	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	MF		43.01.0108		Label	ESE-WARNSCHILD
0	C 53	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	MF		1.917.400.01 ° 1.010.096.49 °			BEZ. STREIFEN 6.3x91 KLARSICHTSCHILD
1	C 54	59.68.0025		22u	EL 6V, 4.0*5.7 EL 6V, 6.3*5.7	0	MF		1.010.006.33		Handle	GRIFFHAELFTE
	C 55 C 56	59.68.0029 59.68.0029		100u 100u	EL 6V, 6.3 5.7 EL 6V. 6.3*5.7	0	MF		28.21.1380		2.2*6.5	Rohrniete Ms blank
0	C 57	59.68.0029		100u	EL 6V, 6.3*5.7	0	ME		28.99.0119 1.101.001.24			ROHRNIETE D 2.5*0.15* 9 TEXT-ETIK. 5*20 HARDWARE -24
	C 58 C 59	59.60.3337		100n	CER 50V, 10%, X7R, 0805	2			43.10.0111	, poo	В	Revisions-Etikette 5mm h'blau
	C 60	59.60.2245 59.60.2245		68p 68p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0			54.11.2009		96p	EU-R 3*32p
0	C 63	59.68.0029		100u	EL 6V, 6.3*5.7	0	P:		not used not used		1p 1p	Pin, 1reihig, gerade Pin, 1reihig, gerade
0	C 64	59.68.0029		100u	EL 6V, 6.3*5.7 EL 6V, 4.0*5.7	0	Q.		50.03.0340		BC337-25	800mA, 45V, NPN
1	C 65 C 66	59.68.0025 59.68.0029		22u 100u	EL 6V, 4.0*5.7 EL 6V, 6.3*5.7	1	R		57.60.1472		4k7	MF, 1%, 0204, E24
	C 69	59.60.3337		100n	CER 50V, 10%, X7R, 0805	1	R:		57.60.1153 57.60.1332		15k 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	C 70	59.60.3337		100n	CER 50V, 10%, X7R, 0805	ő	R		57.60.1332		3k3	MF, 1%, 0204, E24
	C 71 C 72	59.60.3337 59.60.3337		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0	R		57.60.1682		6k8	MF, 1%, 0204, E24
0	C 75	59.68.0029		100u	EL 6V, 6.3*5.7	0	R		57.60.1223 not used		22k 13k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	C 76 C 77	59.68.0029 59.68.0029		100u 100u	EL 6V, 6.3*5.7 EL 6V, 6.3*5.7	Ö	R		57.60.1223		22k	MF, 1%, 0204, E24
0	C 80	59.68.0069		47u	EL 16V, 6.3*5.7	0	R:		not used		13k	MF, 1%, 0204, E24
0	C 81	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R		57.60.1682 57.60.1332		6k8 3k3	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	C 82 C 83	59.68.0069 59.60.3337		47u 100n	EL 16V, 6.3*5.7 CER 50V, 10%, X7R, 0805	1	R	12	57.60.1153		15k	MF, 1%, 0204, E24
	C 86	59.60.2245		68p	CER 50V, 10 %, X/N, 0803 CER 50V, 5%, C0G, 0603	1	R		57.60.1472		4k7	MF, 1%, 0204, E24
	C 87	59.60.2245		68p	CER 50V, 5%, COG, 0603	0	R		57.60.1332 57.60.1472		3k3 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	C 90 C 91	59.60.2237 59.60.2237		33p 33p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0	R	16	57.60.1332		3k3	MF, 1%, 0204, E24
	C 92	59.68.0029		100u	EL 6V, 6.3*5.7	1	R		57.60.1153 57.60.1332		15k	MF, 1%, 0204, E24
0	C 93	59.68.0029		100u	EL 6V, 6.3*5.7	0	R		57.60.1332 57.60.1562		3k3 5k6	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	C 94 C 95	59.68.0029 59.68.0029		100u 100u	EL 6V, 6.3*5.7 EL 6V, 6.3*5.7	Ö	R:	20	57.60.1182		1k8	MF, 1%, 0204, E24
0	C 96	59.68.0029		100u	EL 6V, 6.3*5.7	0	R:		57.60.1182		1k8	MF, 1%, 0204, E24
0	C 97	59.68.0029		100u	EL 6V, 6.3*5.7	1	R:		57.60.1562 57.60.1912		5k6 9k1	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	C 98 C 99	59.68.0029 59.68.0029		100u 100u	EL 6V, 6.3*5.7 EL 6V, 6.3*5.7	1	R		57.60.1912		15k	MF, 1%, 0204, E24
0	C 100	59.68.0029		100u 100n	CER 50V, 10%, X7R, 0805	0	R:	29	57.60.1511		510R	MF, 1%, 0204, E24
0	C 101	59.60.2253		150p	CER 50V, 5%, C0G, 0603	1	R:		57.60.1472 57.60.1682		4k7 6k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	C 102 C 103	59.60.2253 59.60.2253		150p 150p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	1	R	32	57.60.1472		4k7	MF, 1%, 0204, E24
	C 103	59.60.2253		68p	CER 50V, 5%, COG, 0603 CER 50V, 5%, COG, 0603	0	R	33	57.92.7012		0.3A	PTC 60V
0	C 105	59.60.2253		150p	CER 50V, 5%, C0G, 0603	0	R:		57.60.1682 57.60.1153		6k8 15k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
0	C 106 C 107	59.60.2253 59.60.2253		150p 150p	CER 50V, 5%, C0G, 0603 CER 50V, 5%, C0G, 0603	0	R	36	57.60.1511		510R	MF, 1%, 0204, E24
0	C 107	59.60.3337		100n	CER 50V, 10%, X7R, 0805	0	R		57.92.7012		0.3A	PTC 60V
0	C 109	59.68.0029		100u	EL 6V, 6.3*5.7	0	R:		57.60.1100 57.60.1000		10R 0R0	MF, 1%, 0204, E24 MF, 0204
0	C 110 C 111	59.68.0029 59.68.0029		100u 100u	EL 6V, 6.3*5.7 EL 6V, 6.3*5.7	0	R	41	57.60.1912		9k1	MF, 1%, 0204, E24
0	C 112	59.68.0029		100u	EL 6V, 6.3*5.7	0	R		57.60.1682		6k8	MF, 1%, 0204, E24
0	C 113	59.68.0029		100u	EL 6V, 6.3*5.7	0 1	R ·		57.60.1511 57.60.1153		510R 15k	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	C 114 C 115	59.60.3337 59.68.0065		100n 10u	CER 50V, 10%, X7R, 0805 EL 16V, 4.0*5.7	0	R	45	57.60.1912		9k1	MF, 1%, 0204, E24
	C 116	59.60.3337		100n	CER 50V, 10%, X7R, 0805	1	R.		57.60.1472		4k7	MF, 1%, 0204, E24
	C 117	59.68.0065		10u	EL 16V, 4.0*5.7	0	R ·		57.60.1101 57.60.1102		100R 1k0	MF, 1%, 0204, E24 MF, 1%, 0204, E24
	C 118 C 119	59.68.0065 59.60.3337		10u 100n	EL 16V, 4.0*5.7 CER 50V, 10%, X7R, 0805	0	R	49	57.60.1101		100R	MF, 1%, 0204, E24
•					,	0	R	50	57.60.1102		1k0	MF, 1%, 0204, E24

Date printed: 27.08.2003 Section 9



MONITOR GROUP SELECTOR 1.917.410.24 (03)

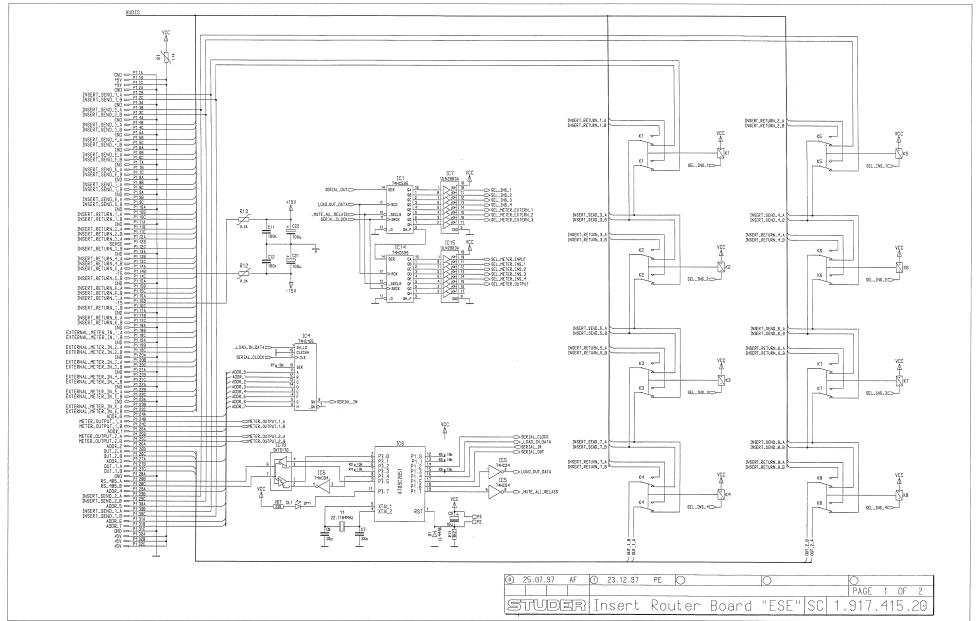
Page: 2 of 2

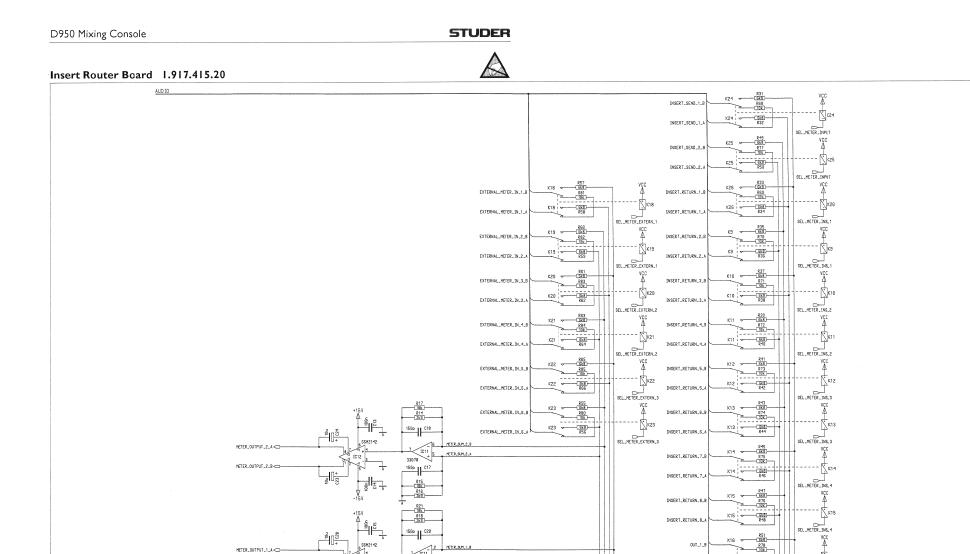
IAIOIAI	I OR GR	OUP	SELECION	1.31/		(CO)	·			Page: 2 of 2
ldx. Pos.	Part No. Qty.	Type/Val.	Description		ldx. Pos.	Part No.	Qty.	Type/Val.	Description	
0 R 51	57.60.1562	5k6	MF, 1%, 0204, E24		Comments:					
0 R 52	57.60.1820	82R	MF, 1%, 0204, E24		(01) R110,R111 h					
0 R 53 0 R 54	57.60.1331 57.60.1101	330R 100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24			s changed to 5k ,R30,R32,R46		nand to Ak7		
0 R 55	57.60.1331	330R	MF, 1%, 0204, E24			,R28,R35,R44				
0 R 56	57.60.1472	4k7	MF, 1%, 0204, E24		C3,C16,C29, (02) D4 not used	,C42,C54,C65	has cha	nged to 22uF		
0 R 57 0 R 58	57.60.1562 57.60.1820	5k6 82R	MF, 1%, 0204, E24 MF, 1%, 0204, E24		MP9 Revision	n label "A"->"B				
0 R 59	57.60.1472	4k7	MF, 1%, 0204, E24		(03) IC29 faulty pa	art no. 1.950.9	11.23->	1.950.911.22		
0 R 60	57.60.1392	3k9	MF, 1%, 0204, E24							
0 R 61 0 R 62	57.60.1104 57.60.1104	100k 100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 63	57.60.1392	3k9	MF, 1%, 0204, E24							
0 R 64	57.60.1472	4k7	MF, 1%, 0204, E24							
0 R 65 0 R 66	57.60.1101 57.60.1472	100R 4k7	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 67	57.60.1103	10k	MF, 1%, 0204, E24							
0 R 68	57.60.1912	9k1	MF, 1%, 0204, E24							
0 R 69 0 R 70	57.60.1511 57.60.1682	510R 6k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 71	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 72	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 73 0 R 74	57.60.1682 57.60.1682	6k8 6k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 75	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 76	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 77 0 R 78	57.60.1682 57.60.1331	6k8 330R	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 79	57.60.1511	510R	MF, 1%, 0204, E24							
0 R 80	57.60.1912	9k1	MF, 1%, 0204, E24							
0 R 81 0 R 82	57.60.1682 57.60.1682	6k8 6k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 83	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 84	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 85 0 R 86	57.60.1682 57.60.1682	6k8 6k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 87	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R88	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 89 0 R 90	57.60.1682 57.60.1682	6k8 6k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 91	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 92	57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 93 0 R 94	57.60.1682	6k8 6k8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 95	57.60.1682 57.60.1682	6k8	MF, 1%, 0204, E24							
0 R 96	57.60.1511	510R	MF, 1%, 0204, E24							
0 R 97 0 R 98	57.60.1103	10k 9k1	MF, 1%, 0204, E24							
0 R 98 0 R 99	57.60.1912 57.92.7051	1.1A	MF, 1%, 0204, E24 PTC 30V							
0 R 100	57.60.1103	10k	MF, 1%, 0204, E24							
0 R 101 0 R 102	57.60.1103	10k	MF, 1%, 0204, E24							
0 R 102 0 R 103	57.60.1103 57.60.1822	10k 8k2	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 104	57.60.1104	100k	MF, 1%, 0204, E24							
0 R 105 0 R 106	57.60.1104 57.60.1184	100k 180k	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 106	57.60.1184	180k	MF, 1%, 0204, E24							
0 R 108	57.60.1181	180R	MF, 1%, 0204, E24							
0 R 109 1 R 110	57.60.1181 57.60.1105	180R 1M	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
1 R 111	57.60.1105	1M	MF, 1%, 0204, E24							
0 R 112	57.60.1104	100k	MF, 1%, 0204, E24							
0 R 113 0 R 114	57.60.1104 57.60.1104	100k 100k	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 115	57.60.1104	100k	MF, 1%, 0204, E24							
0 R 116	57.60.1104	100k	MF, 1%, 0204, E24							
0 R 117 0 R 118	57.60.1104 57.60.1103	100k 10k	MF, 1%, 0204, E24 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 MF, 1%, 0204, E24							
0 R 121 0 R 122	57.60.1103 57.60.1103	10k 10k	MF, 1%, 0204, E24							
0 R 123	57.60.1103	10k	MF, 1%, 0204, E24							
0 R 124 0 R 125	57.60.1103 57.60.1103	10k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 125	57.60.1103	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 127	57.60.1103	10k	MF, 1%, 0204, E24							
0 R 128 0 R 129	57.60.1103 57.60.1103	10k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 129	57.60.1103	10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 R 131	57.60.1103	10k	MF, 1%, 0204, E24							
0 R 132 0 R 134	57.60.1103 57.60.1103	10k 10k	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
0 XIC 1	53.03.0166	8p	DIL-socket 0.3"							
0 XIC 2	53.03.0166	8p	DIL-socket 0.3"							
0 XIC 6 0 XIC 7	53.03.0166 53.03.0166	8p 8p	DIL-socket 0.3" DIL-socket 0.3"							
0 XIC 12	53.03.0166	8р	DIL-socket 0.3"							
0 XIC 13	53.03.0166	8р	DIL-socket 0.3"							
0 XIC 15 0 XIC 16	53.03.0166 53.03.0166	8p 8p	DIL-socket 0.3" DIL-socket 0.3"							
0 XIC 29	53.03.0165	20p	DIL-socket 0.3"							
0 XIC 30 0 XY 1	53.03.0166 89.01.1499	8p	DIL-socket 0.3" QUARZ - ISOLIERPLATTE							
0 XY1 0 Y1	89.01.1016	22.1184Mi								
		End of	List							

Date printed: 27.08.2003 Section 9

Insert Router Board 1.917.415.20







0UT_1_

OUT_2_8

STUDER Insert Router Board "ESE" SC

① 23.12.97 PE

0 25.07.97 AF

SEL_HETER_OUTPUT

SEL_METER_OUTPUT

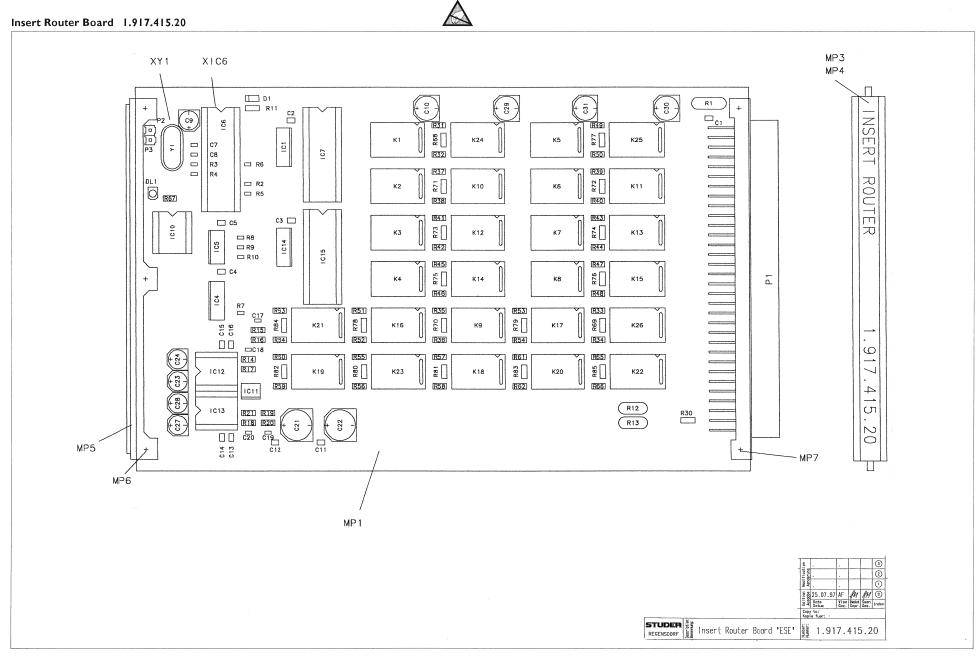
PAGE

1,917,415,20

OF

METER_OUTPUT_1_8 <

SMO-Herke SMO-Herke SMO-Herke



D950 Mixing Console STUDER



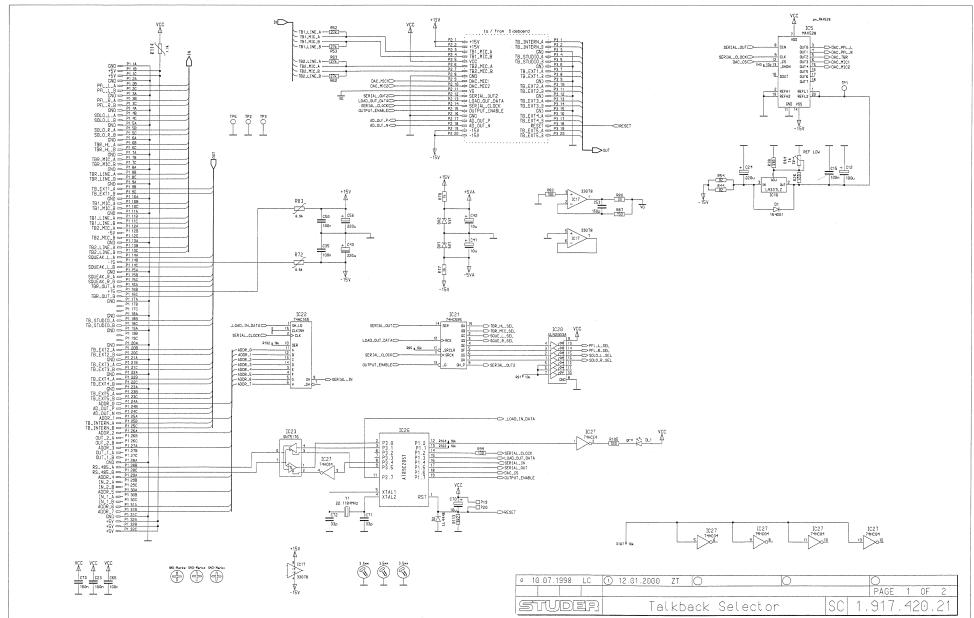
Insert Router Board 1.917.415.22

ix. Pos.	Part No. Qty.	Type/Val.	Description	ldx.	Pos.	Part No. Qty.	Type/Val.	Description
C1	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 1	57.92.7051	1.1A	POLY- PTC, 30V
C2	59.60.3337	100n	CER 50V, 10%, X7R, 0805	ő	R2	57.69.1097	10k	Chip 0603, 5%, carbon
C3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	ō	R3	57.69.1097	10k	Chip 0603, 5%, carbon
) C4	59.60.3337	100n	CER 50V, 10%, X7R, 0805		R 4	57.69.1097	10k	Chip 0603, 5%, carbon
	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 5	57.69.1097	10k	Chip 0603, 5%, carbon
C5	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0	R6	57.69.1097	10k	Chip 0603, 5%, carbon
	59.60.2237	33p	CER 50V, 5%, C0G, 0603	ō	R7	57.69.1097	10k	Chip 0603, 5%, carbon
C8	59.60.2237	10u	C-EL 35V, 5.0*5.7	0	R8	57.69.1097	10k	Chip 0603, 5%, carbon
C 9								Chip 0603, 5%, carbon
C 10	59.68.0029	100u	C-EL 6V, 6.3*5.7	0	R 9	57.69.1097	10k	
C 11	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 10	57.69.1097	10k	Chip 0603, 5%, carbon
C 12	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 11	57.60.1822	8K2	MF, 1%, 0204, E24
C 13	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 12	57.92.7011	0.2A	POLY- PTC, 60V
C 14	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	R 13	57.92.7011	0.2A	POLY- PTC, 60V
C 15	59.60.3337	100n	CER 50V, 10%, X7R, 0805	1	R 14	57.60.1392	3K9	MF, 1%, 0204, E24
C 16	59.60.3337	100n	CER 50V, 10%, X7R, 0805	1	R 15	57.60.1183	18K	MF, 1%, 0204, E24
	59.60.2253	150p	CER 50V, 5%, C0G, 0603	1	R 16	57,60,1392	3K9	MF. 1%, 0204, E24
C 17		150p	CER 50V, 5%, C0G, 0603	1	R 17	57.60.1183	18K	MF, 1%, 0204, E24
) C 18	59.60.2253				R 18	57.60.1103	3K9	MF, 1%, 0204, E24
C 19	59.60.2253	150p	CER 50V, 5%, C0G, 0603	1				
C 20	59.60.2253	150p	CER 50V, 5%, C0G, 0603	1	R 19	57.60.1183	18K	MF, 1%, 0204, E24
C 21	59.68.0115	100u	C-EL 35V, 8.0*10.7	- 1	R 20	57.60.1392	3K9	MF, 1%, 0204, E24
C 22	59.68.0115	100u	C-EL 35V, 8.0*10.7	1	R 21	57.60.1183	18K	MF, 1%, C204, E24
C 23	59.68.0109	10u	C-EL 35V, 5.0*5.7	0	R 30	57.60.1000	0R0	MF, 0204
	59.68.0109	10u	C-EL 36V, 5.0*5.7	0	R 31	57.60.1682	6K8	MF, 1%, C204, E24
			C-EL 35V, 5.0*5.7	0	R 32	57.60.1682	6KB	MF, 1%, C204, E24
C 27	59.68.0109	10u		0		57.60.1682	6K8	MF, 1%, 0204, E24
C 28	59.68.0109	10u	C-EL 35V, 5.0*5.7		R 33			
C 29	59.68.0029	100u	C-EL 6V, 6.3*5.7	0	R 34	57.60.1682	6K8	MF, 1%, 0204, E24
C 30	59.68.0029	100u	C-EL 6V, 6.3*5.7	0	R 35	57.60.1682	6K8	MF, 1%, 0204, E24
C 31	59.68.0029	100u	C-EL 6V, 6.3*5.7	0	R 36	57.60.1682	6K8	MF, 1%, 0204, E24
	-		*	0	R 37	57.60.1682	6K8	MF, 1%, 0204, E24
D 1	50.60.8001	4448	D LL 4448 SOD 80	0	R 38	57.60.1682	6K8	MF, 1%, 0204, E24
D1	30.00.001	-1440	D 22 -4440 00D 00	0	R 39	57.60.1682	6K8	MF. 1%, 0204, E24
			DL TLUG 2401 GN MATT	0	R 40	57.60.1682	6K8	MF, 1%, 0204, E24
DL 1	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT					
				0	R 41	57.60.1682	6K8	MF, 1%, 0204, E24
0 IC1	50.62.1595	74HC595	74 HC 595	0	R 42	57.60.1682	6K8	MF, 1%, 0204, E24
0 IC 4	50.62,1165	74HC165	74 HC 165	0	R 43	57.60.1682	6KB	MF, 1%, 0204, E24
IC 5	50.62.1004	74HC 04	74 HC 04	0	R 44	57.60.1682	5K8	MF, 1%, 0204, E24
IC6	50.16.0313	89C2051	MicroController 24MHz	0	R 45	57.60.1682	3K8	MF, 1%, 0204, E24
10.0	30.10.0313	0502031	1 950 912 20 SW 917415 ATMEL3	0	R 46	57.60.1682	3K8	MF, 1%, 0204, E24
				0	R 47	57.60.1682	3K8	MF, 1%, 0204, E24
0 IC 7	50.15.0119	ULN2803	Octal peripherial Driver, o.c.	0	R 48	57.60.1682	3K8	MF. 1%, 0204, E24
0 IC 10	50.15.0115	75176	IC SN 75176 BP, DS 3695 N,					
D IC 11	50.61.0204	MC33078	IC MC 33078 P	0	R 49	57.60.1682	3K8	MF, 1%, 0204, E24
0 IC 12	50.09.0124	2142	IC SSM 2142 P	0	R 50	57.60.1682	3K8	MF, 1%, 0204, E24
D IC 13	50.09.0124	2142	IC SSM 2142 P	0	R 51	57.60.1682	5K8	MF, 1%, 0204, E24
0 IC 14	50.62,1595	74HC595	74 HC 595	0	R 52	57.60.1682	5K8	MF, 1%, 0204, E24
0 IC 15	50.15.0119	ULN2803	Octal peripherial Driver, o.c.	0	R 53	57.60.1682	5K8	MF, 1%, 0204, E24
0 10 15	50.15.0119	ULINZOUS	Octai periprieriai briver, c.c.	0	R 54	57.60.1682	6K8	MF, 1%, 0204, E24
				0	R 55	57.60,1682	6K8	MF, 1%, 0204, E24
0 K1	56.04.0198	2u	5V, 125V/2A, AG/AJ				6K8	
0 K2	56.04.0198	2u	5V, 125V/2A, AG/AU	0	R 56	57.60.1682		MF, 1%, 0204, E24
0 K3	56.04.0198	2u	5V, 125V/2A, AG/AU	0	R 57	57.60.1682	6K8	MF, 1%, 0204, E24
0 K4	56.04.0198	2u	5V, 125V/2A, AG/AU	0	R 58	57.60.1682	6K8	MF, 1%, 0204, E24
0 K5	56.04,0198	2u	5V, 125V/2A, AG/AU	0	R 59	57.60.1682	6K8	MF, 1%, 0204, E24
0 K6	56.04.0198	2u	5V, 125V/2A, AG/AU	0	R 60	57.60.1682	6K8	MF, 1%, 0204, E24
0 K7	56.04.0198	2u	5V, 125V/2A, AG/AU	0	R 61	57.60.1682	6K8	MF, 1%, 0204, E24
	56.04.0196	2u 2u	5V, 125V/2A, AG/AU 5V. 125V/2A, AG/AU	0	R 62	57.60.1682	6K8	MF, 1%, 3204, E24
0 KB				0	R 63	57.60.1682	6K8	MF, 1%, 3204, E24
0 K9	56.04.0198	2u	5V, 125V/2A, AG/AJ				6K8	
0 K 10	56.04.0198	2u	5V, 125V/2A, AG/AJ	0	R 64	57.60.1682		MF, 1%, 0204, E24
D K 11	56.04.0198	2u	5V, 125V/2A, AG/AJ	, 0	R 65	57.60.1682	6K8	MF, 1%, 0204, E24
0 K 12	56.04.0198	2u	5V, 125V/2A, AG/AJ	0		57.60.1682	6K8	MF, 1%, 0204, E24
0 K 13	56.04.0198	2u	5V, 125V/2A, AG/AU	0	R 67	57.60.1331	330R	MF, 1%, 3204, E24
0 K14	56.04.0198	2u	5V. 125V/2A. AG/AU	0	R 68	57.60.1103	10K	MF, 1%, 3204, E24
0 K 14	56.04.0198	2u	5V, 125V/2A, AG/AU	0		57.60.1103	10K	MF, 1%, 3204, E24
			5V, 125V/2A, AG/AU 5V. 125V/2A, AG/AU	0	R 70	57.60.1103	10K	MF, 1%, 0204, E24
0 K 16	56.04.0198	2u		0	R 71	57.60.1103	10K	MF, 1%, 0204, E24
0 K 17	56.04.0198	2u	5V, 125V/2A, AG/AU					
0 K18	56.04.0198	2u	5V, 125V/2A, AG/AU	0		57.60.1103	10K	MF, 1%, 0204, E24
0 K 19	56.04.0198	2u	5V, 125V/2A, AG/AU	0		57.60.1103	10K	MF, 1%, 0204, E24
0 K 20	56.04.0198	2u	5V, 125V/2A, AG/AU	0		57.60.1103	10K	MF, 1%, 0204, E24
0 K21	56.04.0198	2u	5V, 125V/2A, AG/AU	0	R 75	57.60.1103	10K	MF, 1%, 0204, E24
0 K22	56.04.0198	2u	5V, 125V/2A, AG/AU	0	R 76	57.60.1103	10K	MF, 1%, 0204, E24
	56.04.0198	2u 2u	5V, 125V/2A, AG/AU	ő		57.60.1103	10K	MF, 1%, 0204, E24
				0		57.60.1103	10K	MF, 1%, 0204, E24
0 K 24	56.04.0198	2u	5V, 125V/2A, AG/AU				10K	MF, 1%, 0204, E24
0 K 25	56.04.0198	2u	5V, 125V/2A, AG/AU	0		57.60.1103		
0 K 26	56.04.0198	2u	5V, 125V/2A, AG/AU	0		57.60.1103	10K	MF, 1%, 0204, E24
				0	R 81	57.60.1103	10K	MF, 1%, 0204, E24
0 MP1	1.917.415.11 1 p	ce	INSERT ROUTER FCB	0	R 82	57.60.1103	10K	MF, 1%, 0204, E24
0 MP2	43.01.0108 1 p		ESE-WARNSCHILD	0		57.60.1103	10K	MF, 1%, 0204, E24
			BEZ, STREIFEN 6.3x91	0		57,60,1103	10K	MF, 1%, 0204, E24
0 MP3	1.917.415.01 1 p					57.60.1103	10K	MF, 1%, 0204, E24
0 MP 4	1.010.096.49 1 p		KLARSICHTSCHILD	0	R 85	57.50,1103	IUN	W.F. 170, UZU4, EZ4
0 MP5	1.010.006.33 2 p		GRIFFHAELFTE					
0 MP6	28.21.1380 3 p	cs	ROHRNIETE, D225*6.5	0	XIC 6	53.03.0165	20p	DIL 0.3", löt, gerade
0 MP7	28.99.C119 2 p		ROHRNIETE D 2.5*0.15* 9					
0 MP8	1.101.001.20 1 p		TEXT-ETIK. 5*20 HARDWARE -20	0	XY 1	89.01.1499		QUARZ - ISOLIERPLATTE
						89.01.1016	00.11048846	
0 P1	54.11.2009	96p	EU-R 3*32p	0	Y 1	09.01.1010	22.1104WITZ	22.118 400 MHz, HC 49/U
0 P1 0 P2	54.11.2009 54.01.0020	96p 1p	EU-R 3*32p Pin 0.63*0.63	0	Y1	89.01.1010	22. IO4NINZ	22.118 400 MHz, HC 49/U

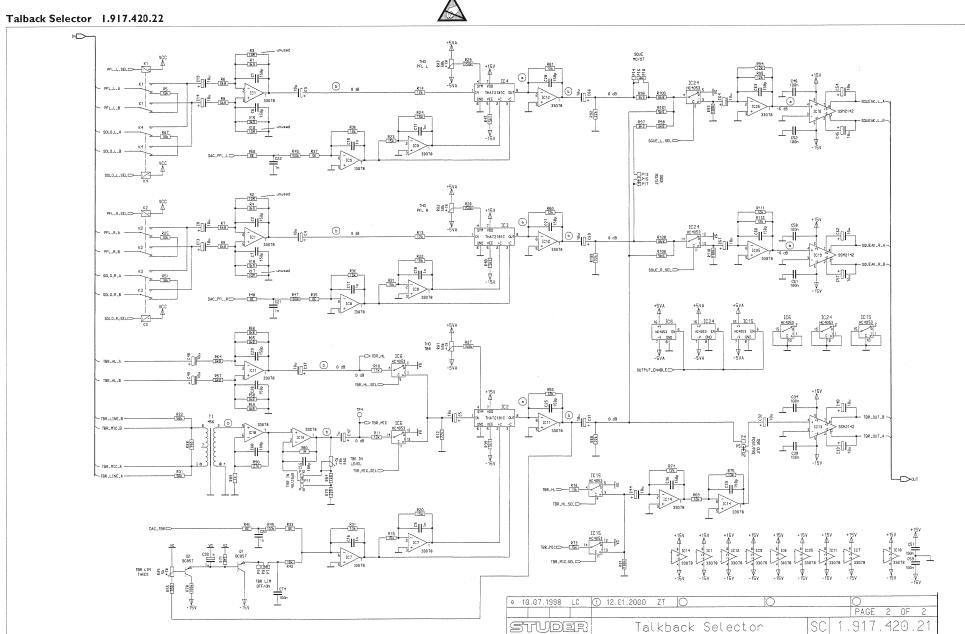
SECTION 9

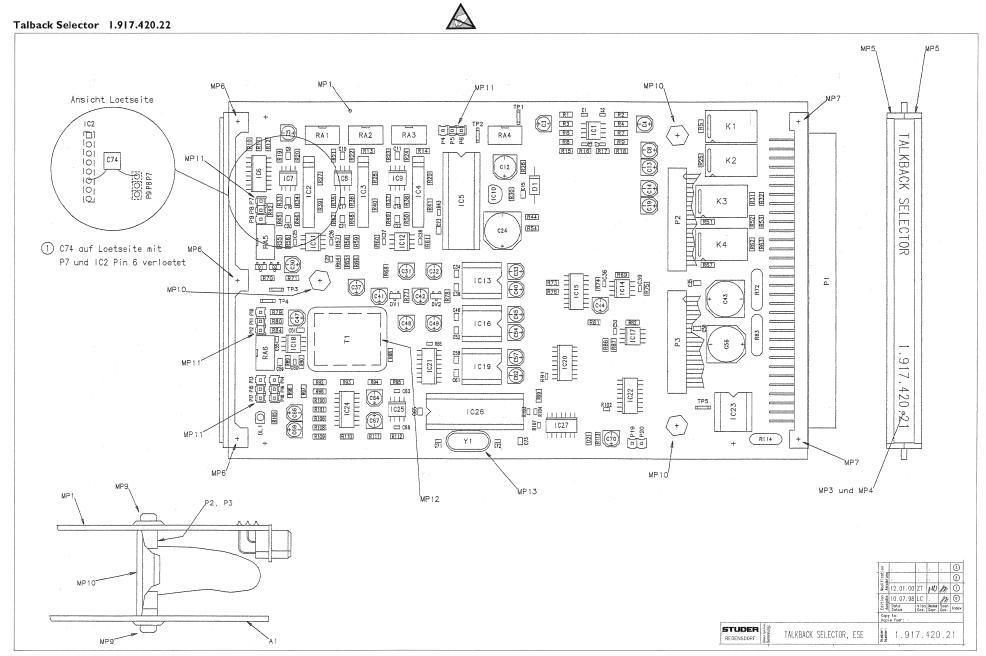
Talback Selector 1.917.420.22









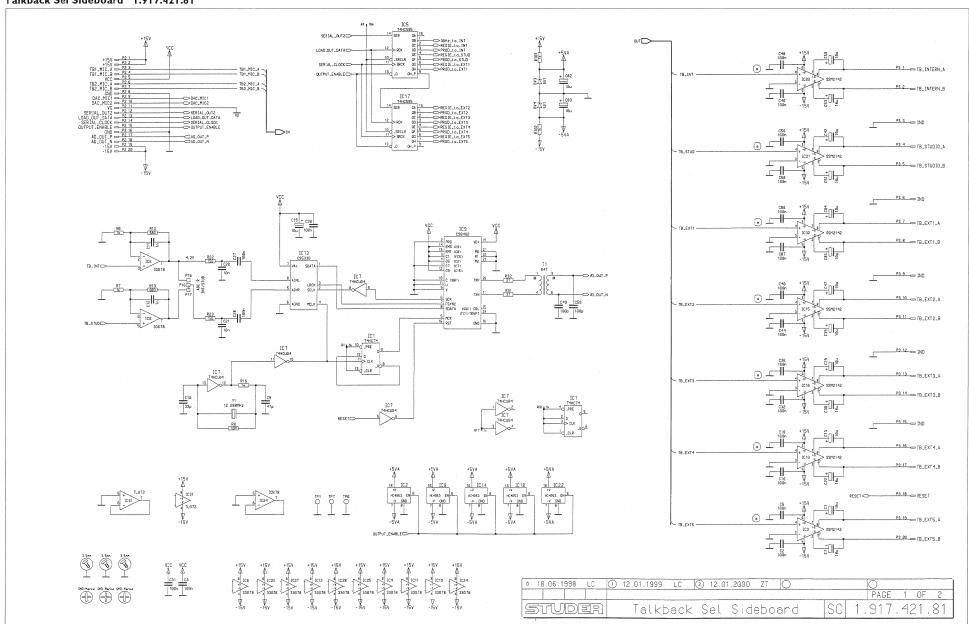




Talback Selector 1.917.420.22

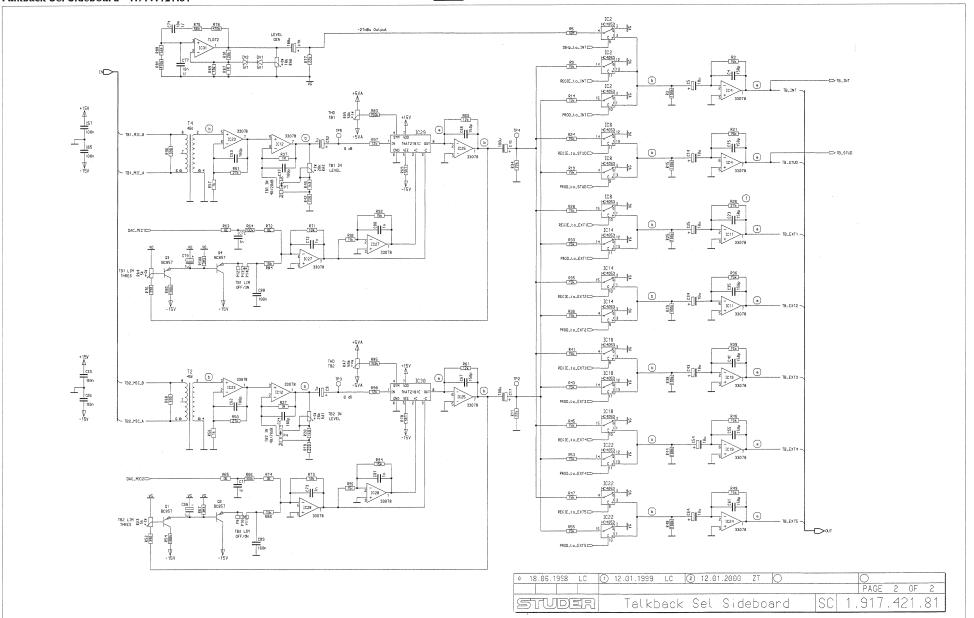
Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
A 1	1 917 421 81	***************************************	TALKBACK SEL SIDEROARD A	0 IC1	50 61 0204	MC33078	Dual On-Amp low noise	0 R 13	57 60 1123	12K	MF, 1%, 0204, E24	1 R 94	57.60.1123	12K	MF. 1%, 0204, E24
	1.011.121.01		, remaining the second	0 10 2	50.11.0140	111000010	IC VCA THAT 2181C	0 R 14	57.60.1123	12K	MF 1% 0204 E24	1 R 95	57.60.1123	12K	MF. 1%, 0204, E24
C 1	59.60.2253	150p	CER 50V, 5%, C0G,0603	0 IC 3	50.11.0140		IC VCA THAT 2181C	0 R 15	57.60.1392	3K9	MF, 1%, 0204, E24	0 R 96	57.60.1332	3K3	MF, 1%, 0204, E24
C 2	59.60.2253	150p	CER 50V, 5%, C0G,0603	0 IC 4	50.11.0140		IC VCA THAT 2181C	0 R 16	not used	10M	MF. 1%, 0204, E24	0 R97	57.60.1332	3K3	MF, 1%, 0204, E24
3	59.68.0065	10u	EL 16V, 4.0*5.7	0 10 5	50.11.0140		D/A Converter 8bit octal	0 R 17	not used	10M	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R98	57.60.1682	6K8	MF. 1%, 0204, E24
: 4	59.68.0065	10u	EL 16V. 4.0*5.7	0 10 6	50.19.0115	MAX528D HC4053		0 R17	57.60.1392	3K9	MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 R99	57.60.1101	100R	MF, 1%, 0204, E24
5	59.68.0065	10u	EL 16V. 4.0*5.7				Tripple 2ch analog mux/demux					0 R 100	57.60.1101	6K8	MF, 1%, 0204, E24
6	59.60.2253	150p	CER 50V. 5%, COG, 0603	0 IC 7	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 19	57.60.1153	15K	MF, 1%, 0204, E24		57.60.1662	5K6	MF, 1%, 0204, E24 MF, 1%, 0204, E24
7	59.60.2253	150p	CER 50V, 5%, C0G,0603	0 IC8	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 20	57.60.1153	15K	MF, 1%, 0204, E24				
8	59.68.0065	10u	FI 16V 4.0*5.7	0 IC 9	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 21	57.60.1153	15K	MF, 1%, 0204, E24	0 R 102	57.69.1097	10k	CF 5% 0603
9	59 60 2373	100	CER 50V. 5%. COG.0805	0 IC 10	50.10.0109	LM337L	Series regulator 100mA37V	0 R 22	57.60.1153	15K	MF, 1%, 0204, E24	0 R 103	57.69.1097	10k	CF 5% 0603
2 10	59.60.2373	1n0 1n0	CER 50V, 5%, C0G, 0805 CER 50V, 5%, C0G, 0805	0 IC 11	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 23	57.60.1153	15K	MF, 1%, 0204, E24	0 R 104	57.69.1097	10k	CF 5% 0603
	59.60.2373			0 IC 12	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 24	57.60.1153	15K	MF, 1%, 0204, E24	0 R 105	57.60.1331	330R	MF, 1%, 0204, E24
11		1n0	CER 50V, 5%, C0G, 0805	0 IC 13	50.09.0124	2142	Audio balanced line driver	0 R 25	57,60.1103	10K	MF, 1%, 0204, E24	0 R 106	57.60.1562	5K6	MF, 1%, 0204, E24
12	59.68.0029	100u	EL 6V, 6.3*5.7	0 IC 14	50 61 0204	MC33078	Dual Op-Amp low noise	0 R 26	57.60.1121	120R	MF, 1%, 0204, E24	0 R 107	57.69.1097	10k	CF 5% 0603
13	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 15	50.62.8053	HC4053	Tripple 2ch analog mux/demux	0 R 27	57.60.1154	150K	MF. 1%, 0204, E24	0 R 108	57.60.1682	6K8	MF, 1%, 0204, E24
14	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 16	50.09.0124	2142	Audio balanced line driver	0 R 28	57.60.1154	150K	MF, 1%, 0204, E24	0 R 109	57.60.1223	22K	MF, 1%, 0204, E24
15	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 10 17	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 29	57 60 1154	150K	MF 1% 0204 E24	0 R 110	57 60 1104	100K	MF, 1%, 0204, E24
16	59.60.2373	1n0	CER 50V, 5%, COG, 3805	0 IC 17	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 30	57.60.1331	330R	MF, 1%, 0204, E24	1 R 111	57.60.1123	12K	MF. 1%, 0204, E24
17	59.60.2373	1n0	CER 50V, 5%, COG, 3805						57.60.1563	56K	MF, 1%, 0204, E24	1 R 112	57.60.1123	12K	MF, 1%, 0204, E24
18	59,60,2373	1n0	CER 50V. 5%, COG, 3805	0 IC 19	50.09.0124	2142	Audio balanced line driver	2 R 31						8K2	MF 1% 0204, E24
19	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 20	50.62.0130	ULN2003	7*Darlington driver	2 R 32	57.60.1563	56K	MF, 1%, 0204, E24	0 R 113	57.60.1822	0.00	100 (110) 000 0
20	59.60.2373	100	CER 50V. 5%. COG. 3805	0 IC 21	50.62.1595	74HC595	8bit shift/output register	0 R 33	57.60.1000	0R0	MF, 0204	0 R 114	57.92.7051	1.1A	PTC 30V
21	59.60.2373	1n0 1n0		0 IC 22	50.62.1165	74HC165	8bit shift register	0 R 34	57.60.1103	10K	MF, 1%, 0204, E24	0 RA1	58.01.9503	50k	Cermet, 10%, 0.5W, vertical
	59.60.2373 59.60.2373		CER 50V, 5%, COG, 0805	0 IC 23	50.15.0115	75176	IC SN 75176 BP, DS 3695 N,	0 R 35	57.60.1000	0R0	MF, 0204	0 RA 2	58.01.9503	50k	Cermet, 10%, 0.5W, vertical
22		1n0	CER 50V, 5%, C0G, 0805	0 IC 24	50.62.8053	HC4053	Tripple 2ch analog mux/demux	0 R 36	57.60.1103	10K	MF, 1%, 0204, E24				
23	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 25	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 37	57.60.1000	0R0	MF, 0204	0 RA3	58.01.9503	50k	Cermet, 10%, 0.5W, vertical
24	59.68.0117	220u	EL 35V, 10 *10.7	0 IC 25	1.950.915.22	141000010	SW 917420 TB SEL (50.16.0313)	0 R37	57.60.1000	10K	MF 1% 0204 F24	0 RA4	58.01.9102	1k	Cermet, 10%, 0.5W, vertical
25	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 IC 26	50.62.1004	74HC 04	Hex inverte:	0 R30	57.60.1103	5K1	MF, 1%, 0204, E24	0 RA 5	58.01.9502	5k	Cermet, 10%, 0.5W, vertical
26	59.60.2253	150p	CER 50V, 5%, C0G, 0603	U IC 27	30.62.1004	/4HC 04	LIEX HINGHG.				MF, 1%, 0204, E24 MF, 1%, 0204, E24	0 RA 6	58.01.9203	20k	Cermet, 10%, 0.5W, vertical
27	59.60.2253	150p	CER 50V. 5%, COG, 0603	0 K1	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 40	57.60.1512	5K1					
28	59.60.2253	150p	CER 50V, 5%, C0G, 9603	0 K1	56.04.0198	2u 2u	5V 125V 2A Ag/Au 5V 125V 2A Ag/Au	0 R 41	57.60.1512	5K1	MF, 1%, 0204, E24	0 T1	1.022.456.00	1:2.24	EINGANGSTRAFO 1:2,24
29	59.60.2253	150p	CER 50V, 5%, C0G, 0603		56.04.0198 56.04.0198		5V 125V 2A Ag/Au 5V 125V 2A Ag/Au	0 R 42	57.60.1103	10K	MF, 1%, 0204, E24		F4 00 0040	0.010.0	DOD Flackstonian (
	59.60.2253			0 K3		2u		0 R 43	57.69.1097	10k	CF 5% 0603	0 TP 1	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
30		1u0	EL 50V, 4.0*5.7	0 K4	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 44	57.60.1820	82R	MF, 1%, 0204, E24	0 TP 2	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
31	59.68.0065	10u	EL 16V, 4.0*5.7	0 MP 1	1.917.420.11 1 pce		TALKBACK SELECTOR PCB	0 R 45	57.60.1104	100K	MF. 1%, 0204, E24	0 TP3	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
32	59.68.0065	10u	EL 16V, 4.0*5.7					0 R 46	57.60.1000	0R0	MF. 0204	0 TP 4	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
33	59.68.0065	10u	EL 16V, 4.0*5.7	0 MP 2	43.01.0108 1 pce	Label	ESE-WARNSCHILD	0 R47	57.60.1104	100K	MF. 1%, 0204, E24	0 TP 5	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
34	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP3	1.917.420.01 1 pce		BEZ. STREIFEN 6,3x91	0 R48	57.60.1000	0R0	MF 0204				
35	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP4	1.010.096.49 1 pce	-	KLARSICHTSCHILD					0 XIC 23	53.03.0166	8p	DIL 0.3", löt, gerade
36	59 60 2253	150p	CER 50V 5% CDG 0603	0 MP5	1.010.006.33 2 pcs	Handle	GRIFFHAELFTE	0 R 49	57.60.1104	100K	MF, 1%, 0204, E24	0 XIC 26	53.03.0165	20p	DIL 0.3", löt, gerade
37	59.68.0065	10u	EL 16V. 4.0*5.7	0 MP6	28.21.1380 3 pcs	2.25*6.5	Rohmiete Ms blank	0 R 50	57.60.1000	0R0	MF, 0204				
	59.60.3337		CER 50V. 10%, X7R, 0805	0 MP 7	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9	0 R 51	57.60.1103	10K	MF, 1%, 0204, E24	0 Y1	89.01.1016	22.1184MH	IZ XTAL HC 49/U
38		100n		0 MP8	1.101.001.21 1 pce		TEXT-ETIK 5*20 HARDWARE -21	1 R 52	57.60.1273	27K	MF, 1%, 0204, E24				
39	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 MP9	21.53.9354 6 pcs	M3*6	Z-Schraube Inbus-Ripp Zn gb ch	1 R 53	57.60.1273	27K	MF, 1%, 0204, E24			End of L	int
40	59.68.0065	10u	EL 16V, 4.0*5.7	1 MP10		IN12O	MUTTERBOLZEN M 3 * 20	0 R 54	57 60 1820	82R	MF 1% 0204 E24			Elia oi L	151
41	59.68.0065	10u	EL 16V, 4.0*5.7	1 1411 10	1.010.024.27 3 pcs			0 R 55	57.60.1391	390R	MF, 1%, 0204, E24	Comments			
42	59.68.0065	10u	EL 16V, 4.0*5.7	0 MP 11	54.01.0021 4 pcs	Jumper	0.63 * 0.63mm	0 R 56	57.60.1321	12K	MF, 1%, 0204, E24				
43	59.68.0117	220u	EL 35V, 10 *10.7	0 MP 12	1.022.400.03 1 pce		ISOLATION				MF. 1%, 0204, E24				
44	59.68.0065	10u	EL 16V. 4.0*5.7	0 MP 13	89.01.1499 1 pce		QUARZ - ISOLIERPLATTE	0 R 57	57.60.1682	6K8					
45	59 68 0065	10u	EL 16V 4.0*5.7	2 MP 14	43.10.0110	A	Revisions-Etikette 5mm h'blau	0 R 58	57.60.1682	6K8	MF, 1%, 0204, E24				
46	59.60.3337	100n	CER 50V, 10%, X7R, 0805					0 R 59	57.60.1682	6K8	MF, 1%, 0204, E24				
47	59.68.0127	1u0	EL 50V, 10%, X/K, 6665	0 P1	54.11.2009	96p	EU-R 3*32p	0 R 60	57.60.1123	12K	MF, 1%, 0204, E24				
				0 P2	1.023.392.08		FLACHKABEL 20 POL. 0,08M	0 R 61	57.60,1123	12K	MF, 1%, 0204, E24				
48	59.68.0065	10u		0 P3	1.023,392.08		FLACHKABEL 20 POL. 0,08M	1 R 62	57.60.1273	27K	MF, 1%, 0204, E24				
49	59.68.0065	10u	EL 16V, 4.0*5.7	0 P4	54.01.0020	1p	Pin 0.63*0.63	1 R 63	57 60 1273	27K	MF. 1%, 0204, E24				
50	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P5	54.01.0020	1p	Pin 0.63*0.63	0 R 64	57.60.1682	6K8	MF. 1%, 0204, E24				
51	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P6	54.01.0020	1p	Pin 0.63*0.63	0 R 65	57.60.1662	6K8	MF, 1%, 0204, E24				
52	59.60,3337	100n	CER 50V, 10%, X7R, 0805	0 P6	54.01.0020	1p 1p	Pin 0.63*0.63				MF 1% 0204, E24 MF 1% 0204, E24				
53	59.60.2253	150p	CER 50V, 5%, COG, 0603		01.01.00E0			0 R 66	57,60.1682	6K8					
54	59.60.2255	10up	FI 16V 4 0*5 7	0 P8	54.01.0020	1p	Pin 0.63*0.63	0 R 67	57.60.1103	10K	MF, 1%, 0204, E24				
54 55	00.00.000			0 P9	54.01.0020	1p	Pin 0.63*0.63	0 R 68	57.60.1223	22K	MF, 1%, 0204, E24				
	59.60.2249	100p	CER 50V, 5%, COG, 0603	0 P 10	54.01.0020	1p	Pin 0.63*0.63	0 R 69	57.60,1123	12K	MF, 1%, 0204, E24				
56	59.68.0117	220u	EL 35V, 10 *10.7	0 P11	54.01.0020	1p	Pin 0.63*0.63	0 R 70	57.60.1104	100K	MF, 1%, 0204, E24				
57	59.68.0065	10u	EL 16V, 4.0*5.7	0 P 12	54.01.0020	1p	Pin 0.63*0.63	0 R 71	57.60.1335	3M3	MF, 1%, 0204, E24				
58	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P13	54.01.0020	1p	Pin 0.63*0.63	0 R72	57.92.7021	0.9A	PTC 60V				
59	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P 14	54.01.0020	1p	Pin 0.63*0.63	0 R72	57.92.7021	15K	MF. 1%, 0204, E24				
60	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 P15	54.01.0020	1p	Pin 0.63*0.63			15K 12K	MF. 1%, 0204, E24 MF. 1%, 0204, E24				
61	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P15	54,01,0020		Pin 0.63*0.63	0 R 74	57.60.1123						
62	59.68.0065	10u	EL 16V. 4.0*5.7		0110110020	1p		0 R 75	57.60.1133	13K	MF, 1%, 0204, E24				
63	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 P 17	54.01.0020	1p	Pin 0.63*0.63	0 R 76	57,60.1133	13K	MF, 1%, 0204, E24				
	59.60.2253		FI 16V 4.0*5.7	0 P 18	54.01.0020	1p	Pin 0.63*0.63	0 R 77	57.60.1102	1K	MF, 1%, 0204, E24				
84		10u		0 P 19	54.C1.0020	1p	Pin 0.63*0.63	0 R 78	57.60.1102	1K	MF, 1%, 0204, E24				
35	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P 20	54.01.0020	1p	Pin 0.63*0.63	0 R 79	57.60.1221	220R	MF, 1%, 0204, E24				
66	59.68.0065	10u	EL 16V, 4.0°5.7					0 R 80	57.60.1105	1M	MF, 1%, 0204, E24				
37	59.68.0065	10u	EL 16V, 4.0*5.7	0 Q1	50.60.1001		PNP 45V 100mA SOT 23	0 R81	57.60.1104	100K	MF. 1%, 0204, E24				
68	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 Q2	50.60.1001	BC857B	PNP 45V 100mA SOT 23	0 R81	57.60.1104	100R	MF. 1%, 0204, E24				
59	59.68.0065	10u	EL 16V, 4.0*5.7		57.00.4000	0140	115 407 0004 FOA				,,				
70	59.68.0065	10u	EL 16V. 4.0*5.7	0 R1	57.60.1392	3K9	MF, 1%, 0204, E24	0 R 83	57.92.7021	0.9A	PTC 60V				
71	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 R 2	not used	10M	MF, 1%, 0204, E24	0 R 84	57.60.1182	1K8	MF, 1%, 0204, E24				
	59.60.2237	33p	CER 50V, 5%, COG, 0603	0 R3	not used	10M	MF, 1%, 0204, E24	0 R 85	57.69.1097	10k	CF 5% 0603				
72				0 R4	57.60.1392	3K9	MF, 1%, 0204, E24	0 R 86	57,60,1330	33R	MF, 1%, 0204, E24				
73	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R5	57.60.1103	10K	MF. 1%, 0204, E24	0 R 87	57.60.1151	150R	MF 1% 0204 E24				
74	59.40.0104	100n	PETP, 63V, 10%, RM5	0 R6	57.60.1682	6K3	MF. 1%, 0204, E24	0 R88	57.60.1131	390R	MF. 1%, 0204, E24 MF. 1%, 0204, E24				
1	50.04.0122	1N4001	1A, DO 41	0 R7	57.60.1682	6K3	MF, 1%, 0204, E24	0 R 89	57.60.1102	1K	MF, 1%, 0204, E24				
2	50.60.8001	4448	200mA 75V 4ns SOD 80	0 R8	57.60.1682	6K3	MF, 1%, 0204, E24	0 R 90	57.60.1273	27K	MF, 1%, 0204, E24				
				0 R9	57.60.1682	6K3	MF, 1%, 0204, E24	0 R 91	57.69.1097	10k	CF 5% 0603				
)L 1	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT	1 R 10	57.60.1113	11K	MF, 1%, 0204, E24	0 R 92	57.60.1223	22K	MF, 1%, 0204, E24				
		5V1	5%, 0.2W, SOT 23	0 R 11	57.60.1123	12K	MF, 1%, 0204, E24	0 R 93	57.60.1104	100K	MF, 1%, 0204, E24				
V 1	50.60.9010														

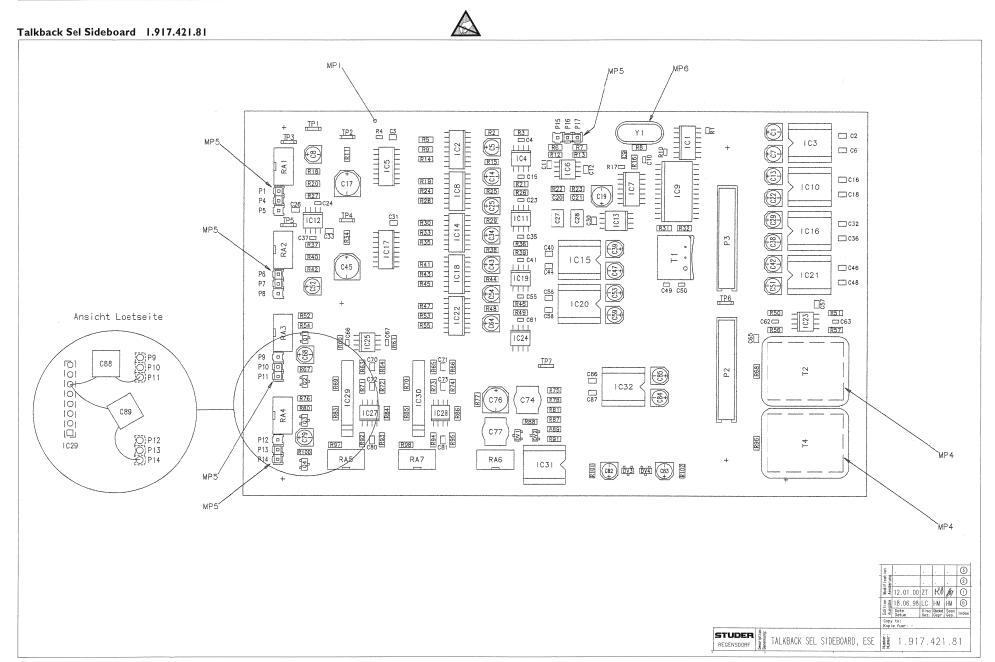
Talkback Sel Sideboard 1.917.421.81





Talkback Sel Sideboard | 1.917.421.81





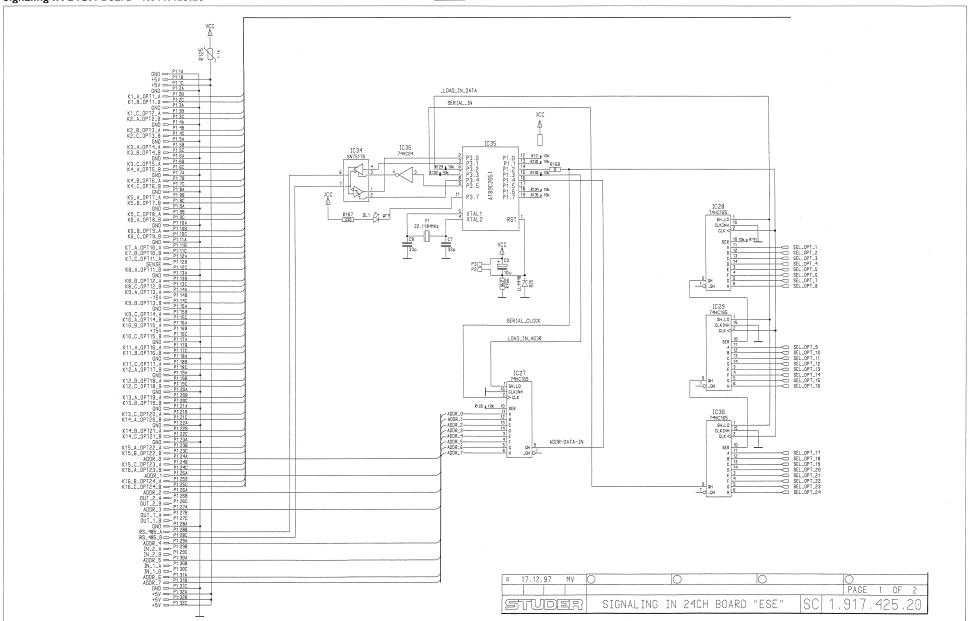


Talkback Sel Sideboard 1.917.421.81

		Talkback Sel Sideboard 1.917.421.81													
Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
C 1	59.68.0065	10u	EL 16V. 4.0*5.7	0 C87	59.30.3337	100n	CER 50V, 10%, X7R, 0805	0 R 13	57.60.1681	680R	MF, 1%, 0204, E24	0 R 91	57.60.1203	20K	MF, 1%, 0204, E24
C 2	59.60.3337	100n	CER 50V, 10%, X7R, 0805	3 C88	59.40.0104	100n	PETP, 63V, 10%, RM5	0 R 14	57.60.1153	15K	MF, 1%, 0204, E24	0 R 92	57.60.1153	15K	MF, 1%, 0204, E24
3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	3 C 89	59.40.0104	1COn	PETP, 63V, 10%, RM5	0 R 15	57.60.1104	100K	MF, 1%, 0204, E24	0 R 93	57.60.1153	15K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
4	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 DV 1	50.80.9010			0 R 16	57.60.1102	1K	MF, 1%, 0204, E24	0 R 94	57.60.1153	15K	,,,
5	59.68.0065	10u	EL 16V, 4.0*5.7		50.50.9010	5V1	5%, 0.2W, SOT 23 5%, 0.2W, SOT 23	0 R 17	57.69.1073	1k0	CF 5% 0603	0 R 95	57.60.1153	15K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 DV 2 0 DV 3	50.50.9010	5V1	5%, 0.2W, SOT 23 5%, 0.2W, SOT 23	0 R 18	57.60.1221	220R	MF, 1%, 0204, E24	0 R 96	57.60.1391 57.60.1123	390R 12K	MF, 1%, 0204, E24 MF 1% 0204 E24
7	59.68.0065	10u	EL 16V, 4.0*5.7	0 500		5V1		0 R 19	57.60.1153	15K	MF, 1%, 0204, E24	0 R 97			
В	59.68.0127	1u0	EL 50V, 4.0*5.7	0 DV 4	50.60.9010	5V1	5%, 0.2W, SOT 23	0 R 20	57.60.1182	1K8	MF, 1%, 0204, E24	0 R 98	57.60.1123	12K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
9	59.60.2341	47p	CER 50V, 5%, C0G,0805	0 IC 1	50.62,1074	74HC 74	Dual D-type FF, preset clear	0 R 21	57.60.1153	15K	MF, 1%, 0204, E24	0 R 100 0 R 101	57.60.1335 57.60.1102	3M3 1K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
10	59.60.2237	33p	CER 50V, 5%, C0G,0603	0 IC 2	50.62.8053	HC4053	Tripple 2ch analog mux/demux	0 R 22	57.60.1151	150R	MF, 1%, 0204, E24	0 R 101 0 R 102	57.60.1102 57.60.1102	1K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
11	59.60.2373	1n0	CER 50V, 5%, C0G,0805	0 IC 3	50.09.0124	2142	Audio balanced line driver	0 R 23	57.60.1151	150R	MF, 1%, 0204, E24	0 R 102	57.60.1102	1K	MF, 1%, 0204, E24
12	59.60.2373	1n0	CER 50V, 5%, C0G,0805	0 IC 4	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 24	57.60.1153	15K	MF, 1%, 0204, E24	0 RA1	58.01.9203	20k	Cermet, 10%, 0.5W, vertica
13	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 5	50.62,1595	74HC595	8bit shift/output register	0 R 25	57.60.1104	100K	MF, 1%, 0204, E24	0 RA2	58.01.9203	20k	Cermet, 10%, 0.5W, vertical
14	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 6	50.61.0204	MC33078	Dual Op-Amp low noise	1 R 26	57.60.1153	15K	MF, 1%, 0204, E24	0 RA3	58.01.9502	5k	Cermet, 10%, 0.5W, vertical
15	59.60.2253	150p	CER 50V, 5%, C0G,0603	0 IC7	50.62.1904	74HCU04	Hex inverter unbuffered	0 R 27	57.60.1105	1M	MF, 1%, 0204, E24	0 RA4	58.01.9502	5k	Cermet, 10%, 0.5W, vertical
16	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC8	50.62.8053	HC4053	Tripple 2ch analog mux/demux	0 R 28	57.60.1153	15K	MF, 1%, 0204, E24	0 RA 5	58.01.9503	50k	Cermet, 10%, 0.5W, vertical
17	59.68.0029	100u	EL 6V, 6.3*5.7	0 IC 9	50 62 0910	CS8402A	Dig audio interface transmitt	0 R 29	57.60.1104	100K	MF, 1%, 0204, E24	0 RA6	58.01.9103	10k	Cermet, 10%, 0.5W, vertical
8	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 10	50.09.0124	2142	Audio balarced line driver	0 R 30	57.60.1153	15K	MF, 1%, 0204, E24	0 RA 7	58.01.9503	50k	Cermet, 10%, 0.5W, vertical
19	59.68.0109	10u	EL 35V, 5.0*5.7	0 IC 11	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 31	57.60.1270	27R	MF, 1%, 0204, E24				
20	59.63.0113	10n	PEN 50V, 5%, 1206	0 IC 12	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 32	57.60.1270	27R	MF, 1%, 0204, E24	0 T1	1.022.647.00	1:1.4	OUTPUT TRAFO AES/EBU
21	59.63.0113	10n	PEN 50V, 5%, 1206	0 IC 12	50.61.8102	CS5330A	A/D Converter 18bit Ste SO 8	0 R 33	57.60.1153	15K	MF, 1%, 0204, E24	0 T2	1.022.456.00	1:2.24	EINGANGSTRAFO 1:2,24
22	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 14	50.62.8053	HC4053	Tripple 2ch analog mux/demux	0 R 34	57.60.1223	22K	MF, 1%, 0204, E24	0 T4	1.022.456.00	1:2.24	EINGANGSTRAFO 1:2,24
23	59.60.2253	150p	CER 50V, 5%, C0G,0603	0 IC 14	50.02.0053	2142	Audio balanced line driver	0 R 35	57.60.1153	15K	MF, 1%, 0204, E24	0 TP 1	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
24	59.60.2249	100p	CER 50V, 5%, C0G,0603	0 IC16	50.09.0124	2142	Audio balanced line driver	0 R 36	57.60.1153	15K	MF, 1%, 0204, E24	0 TP1 0 TP2	54.33.6010 54.33.6010	2.8*0.8	PCB-Flachstecker, gerade PCB-Flachstecker, gerade
5	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 17	50.62.1595	74HC595	8bit shift/output register	0 R 37	57.60.1105	1M	MF, 1%, 0204, E24	0 IP2 0 TP3	54.33.6010 54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
26	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC17 0 IC18	50.62.1595	74HC595 HC4053	Tripple 2ch analog mux/demux	0 R38	57.60.1104	100K	MF. 1%, 0204, E24		- 1144144		
27	59.63.0125	100n	PEN 50V, 5%, 1812	0 IC18 0 IC19	50.62.8053 50.61.0204	MC33078	Dual Op-Amp low noise	0 R 39	57.60,1164	15K	MF 1% 0204 E24	2 TP 4	not used	2.8*0.8	PCB-Flachstecker, gerade
28	59.63.0125	100n	PEN 50V, 5%, 1812	0 IC 19 0 IC 20	50.61.0204	MU33078	Audio balanced line driver	0 R 40	57.60.1182	1K8	MF, 1%, 0204, E24	0 TP 5	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
29	59.68.0065	10u	EL 16V. 4.0*5.7	0 IC 20 0 IC 21	50.09.0124	2142	Audio balanced line driver	0 R40	57.60.1153	15K	MF, 1%, 0204, E24	0 TP 6	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
30	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 21 0 IC 22	50.09.0124 50.62.8053	2142 HC4053	Tripple 2ch analog mux/demux	0 R42	57.60.1133	220R	MF. 1%, 0204, E24	0 TP 7	54.33.6010	2.8*0.8	PCB-Flachstecker, gerade
31	59.60.3337	100n	CER 50V. 10%, X7R. 0805			MC33078	Dual Op-Amp low noise	0 R42	57.60.1153	15K	MF, 1%, 0204, E24	0 Y1	89.01.1015	12 288MHz	XTAL HC 49/U
2	59.60.3337	100n	CER 50V 10% X7R 0805	0 IC 23	50.61.0204	MC33078 MC33078		0 R44	57.60.1104	100K	MF, 1%, 0204, E24	0 , 1	00.01.1010	12.20011112	XIII IIO IIIO
3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 24	50.61.0204	MC33078 MC33078	Dual Op-Amp low noise	0 R 44	57.60.1153	15K	MF. 1%, 0204, E24			End of Li	
4	59.68.0065	10u	EL 16V. 4.0*5.7	0 IC 25	50.61.0204		Dual Op-Amp low noise	0 R45	57.60.1153	15K	MF, 1%, 0204, E24 MF, 1%, 0204, E24			End of Li	st
35	59.60.0003	150p	CER 50V. 5%. COG 0603	0 IC 27	50.61.0204	MC33078	Dual Op-Amp low noise Dual Op-Amp low noise	0 R46	57.60.1153 57.60.1153	15K 15K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	Comments			
6	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 28	50.61.0204			0 R47	57.60.1153	100K	MF 1% 0204, E24				
7	59.60.2249	100n	CER 50V, 15%, X7K, 5683	0 IC 29	50.11.0140		IC VCA THAT 2181C	0 R 49	57.60.1153	15K	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
8	59.68.0065	100p	EL 16V. 4.0*5.7	0 IC 30	50.11.0140		IC VCA THAT 2181C	0 R 49	57.60.1153 57.60.1273	15K 27K	MF, 1%, 0204, E24 MF, 1%, 0204, E24				
	59.68.0065	10u 10u	EL 16V, 4.0 5.7	0 IC 31	50.09.0101	TL072	IC TL 072 CN ,A								
39 10	59.68.0065	100 100n	CER 50V, 10%, X7R, 0805	0 IC 32	50.09.0124	2142	Audio balanced line driver	0 R 51	57.60.1273	27K	MF, 1%, 0204, E24				
			CER 50V, 10%, X/R, 0805 CER 50V. 5%. COG. 0603	0 MP1	1.917.421.12		TALKBACK SEL SIDEBOARD PC3	0 R 52	57.60.1391	390R	MF, 1%, 0204, E24				
41	59.60.2253	150p	EL 16V. 4.0*5.7	0 MP2	43.01.0108	Label	ESE-WARNSCHILD	0 R 53	57.60.1153	15K	MF, 1%, 0204, E24				
42	59.68.0065 59.68.0065	10u	EL 16V, 4.0°5.7 EL 16V, 4.0°5.7	0 MP3	1.917.421.04	Laber	NR-ETIKETTE 5 X 20	0 R 54	57.60.1104	100K	MF, 1%, 0204, E24				
43		10u		0 MP4	1.022.400.03 2 pcs		ISOLATION	0 R 55	57.60.1153	15K	MF, 1%, 0204, E24				
44	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP5	54.01.0021 5 pcs	Jumper	0.63 * 0.63mm	0 R 56	57.60.1102	1K	MF, 1%, 0204, E24				
45	59.68.0029	100u	EL 6V, 6.3*5.7	0 MP6	89.01.1499	Julipei	QUARZ - ISOLIERPLATTE	0 R 57	57.60.1102	1K	MF, 1%, 0204, E24				
46	59.60.3337	100n	CER 50V, 10%, X7R, 0805	3 MP7	43.10.0110	A	Revisions-Etikette 5mm h'blau	0 R 60	57.60.1123	12K	MF, 1%, 0204, E24				
47	59.68.0065	10u	EL 16V, 4.0*5.7 CER 50V, 10%, X7R, 0805	3 MP7	43.10.0110	Α.		0 R 61	57.60.1123	12K	MF, 1%, 0204, E24				
48	59.60.3337	100n	CER 50V, 10%, X/R, 0805 CER 50V. 5%, COG. 0603	0 P1	54.01.0020	1p	Pin 0.63*0.63	0 R 63	57.60.1000	0R0	MF, 0204				
19	59.60.2249	100p		0 P2	54.14.5520	20p	PCB-Buchse gerade	0 R 64	57.60.1104	100K	MF, 1%, 0204, E24				
50	59.60.2249	100p	CER 50V, 5%, C0G,0603	0 P3	54.14.5520	20p	PCB-Buchse gerade	0 R 65	57.60.1000	0R0	MF, 0204				
51	59.68.0065	10u	EL 16V, 4.0*5.7	0 P4	54.01.0020	1p	Pin 0.63*0.63	0 R 66	57.60.1104	100K	MF, 1%, 0204, E24				
52	59.68.0127	1u0	EL 50V, 4.0*5.7	0 P5	54.01.0020	10	Pin 0.63*0.63	0 R 67	57.60.1335	3M3	MF, 1%, 0204, E24				
3	59.68.0065	10u	EL 16V, 4.0*5.7	0 P6	54.01.0020	10	Pin 0.63*0.63	0 R 68	57.60.1391	390R	MF, 1%, 0204, E24				
54	59.68.0065	10u	EL 16V, 4.0*5.7	0 P7	54,01,0020	10	Pin 0.63*0.63	0 R 69	57.60.1512	5K1	MF, 1%, 0204, E24				
5	59.60.2253	150p	CER 50V, 5%, COG,0603	0 P8	54.01.0020	10	Pin 0.63*0.63	0 R 70	57.60.1512	5K1	MF, 1%, 0204, E24				
6	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P9	54.01.0020	10	Pin 0.63*0.63	0 R 71	57.60.1103	10K	MF, 1%, 0204, E24				
7	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P10	54.01.0020	10	Pin 0.63*0.63	0 R 72	57.60.1000	0R0	MF, 0204				
8	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P11	54.01.0020	10	Pin 0.63*0.63	0 R 73	57.60.1103	10K	MF, 1%, 0204, E24				
9	59.68.0065	10u	EL 16V, 4.0*5.7	0 P11	54.01.0020	10	Pin 0.63*0.63	0 R 74	57.60.1000	0R0	MF, 0204				
1	59.60.2253	150p	CER 50V, 5%, C0G,0603	0 P12	54.01.0020		Pin 0.63*0.63	0 R 75	57.60.1563	56K	MF, 1%, 0204, E24				
2	59.60.2249	100p	CER 50V, 5%, C0G, 0603	0 P13	54.01.0020	1p	Pin 0.63*0.63	0 R 76	57.60.1391	390R	MF, 1%, 0204, E24				
3	59.60.2249	100p	CER 50V, 5%, C0G,0603	0 P14 0 P15	54.01.0020 54.01.0020	1p	Pin 0.63*0.63 Pin 0.63*0.63	0 R 77	57.60.1223	22K	MF, 1%, 0204, E24				
4	59.68.0065	10u	EL 16V, 4.0*5.7	0 P15 0 P16	54.01.0020 54.01.0020	1p	Pin 0.63*0.63 Pin 0.63*0.63	0 R 78	57.60.1474	470K	MF, 1%, 0204, E24				
5	59.60.3337	100n	CER 50V, 10%, X7R, 0805			1p	Pin 0.63*0.63 Pin 0.63*0.63	0 R 80	57.60.1104	100K	MF, 1%, 0204, E24				
6	59.60.2253	150p	CER 50V, 5%, C0G,0603	0 P17	54.01.0020	1p	Pin 0.05-0.63	0 R 81	57.60.1474	470K	MF, 1%, 0204, E24				
7	59.60.2253	150p	CER 50V, 5%, C0G,0603	0 Q1	50,60,1001	BC857B	PNP 45V 100mA SOT 23	0 R 83	57.60.1154	150K	MF, 1%, 0204, E24				
В	59.68.0127	1u0	EL 50V, 4.0*5.7	0 Q2	50.60.1001	BC857B	PNP 45V 100mA SOT 23	0 R 84	57.60,1103	10K	MF, 1%, 0204, E24				
0	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 Q3	50.60.1001	BC857B	PNP 45V 100mA SOT 23	0 R 85	57.60.1154	150K	MF, 1%, 0204, E24				
1	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 Q4	50.60.1001	BC857B	PNP 45V 100mA SOT 23	0 R86	57.60.1103	10K	MF. 1%, 0204, E24				
2	59.60.2373	1n0	CER 50V, 5%, C0G, 0805					0 R 87	57.60.1105	1M	MF, 1%, 0204, E24				
3	59.60.2373	1n0	CER 50V, 5%, C0G, 0805	0 R1	57.69.1073	1k0	CF 5% 0603	0 R88	57.60.1163	56K	MF. 1%, 0204, E24				
4	59.05.1103	10n	PP, 1%, 63V	0 R2	57.60.1104	100K	MF, 1%, 0204, E24	0 R89	57.60.1103	10K	MF, 1%, 0204, E24				
6	59.68.0029	100u	EL 6V, 6.3*5.7	0 R3	57.60.1153	15K	MF, 1%, 0204, E24	0 17.09	57.00.1100	IUN	HII , 170, UZU4, LZ4				
77	59.05.1103	10n	PP. 1%. 63V	0 R4	57.69.1097	10k	CF 5% 0603								
9	59.68.0127	100	EL 50V. 4.0*5.7	0 R5	57.60.1106	10M	MF, 1%, 0204, E24								
	59.60.2373	100	CER 50V, 5%, C0G, 0805	0 R6	57.60.1102	1K	MF, 1%, 0204, E24								
ın.	59.60.2373	1n0	CER 50V, 5%, COG, 0005	0 R7	57.60.1102	1K	MF, 1%, 0204, E24								
-		1110				10M	MF 1% 0204 F24								
31		100		0 R 8	57.60.1108		MF. 1%, U2U4, E24								
81 82	59.68.0065	10u	EL 16V, 4.0*5.7	0 R8			MF, 1%, 0204, E24 MF, 1%, 0204, E24								
31 32 33	59.68.0065 59.68.0065	10u	EL 16V, 4.0*5.7	0 R9	57.60.1153	15K	MF, 1%, 0204, E24								
80 81 82 83 84	59.68.0065						1111) 1111 111								

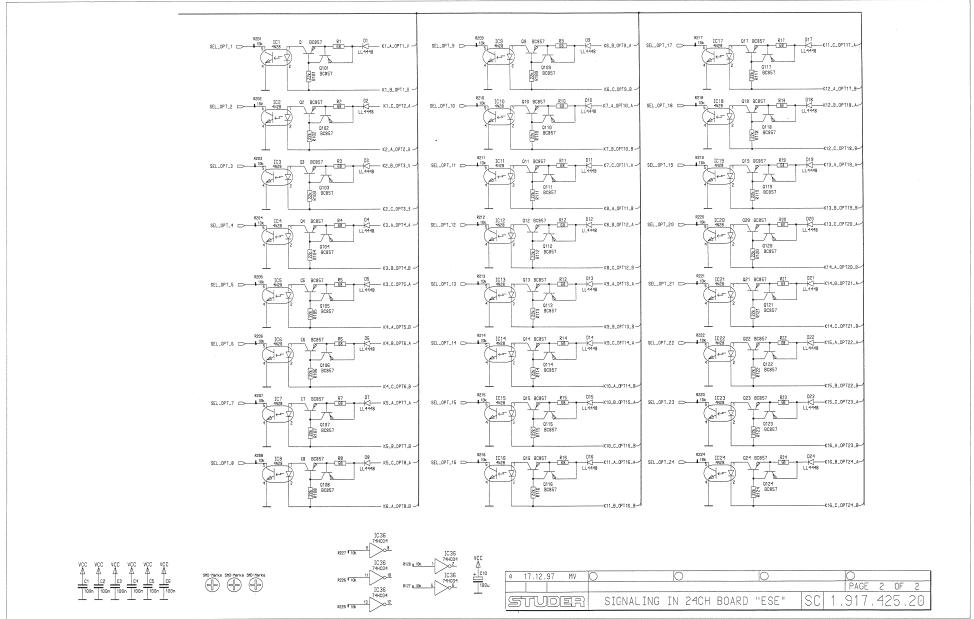
Signaling IN 24CH Board 1.917.425.20

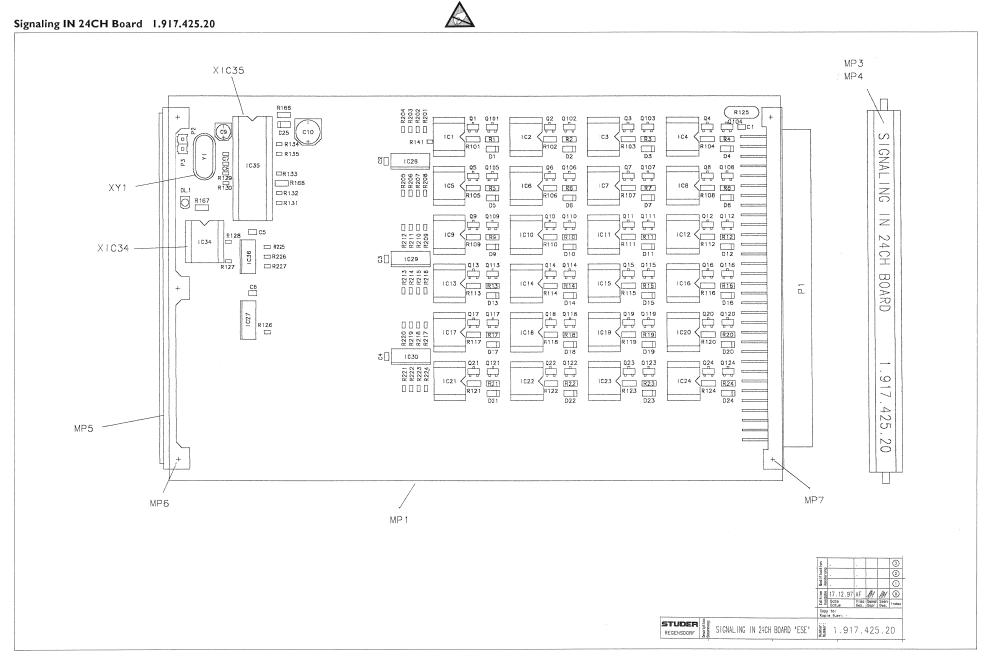




Signaling IN 24CH Board 1.917.425.20







STUDER

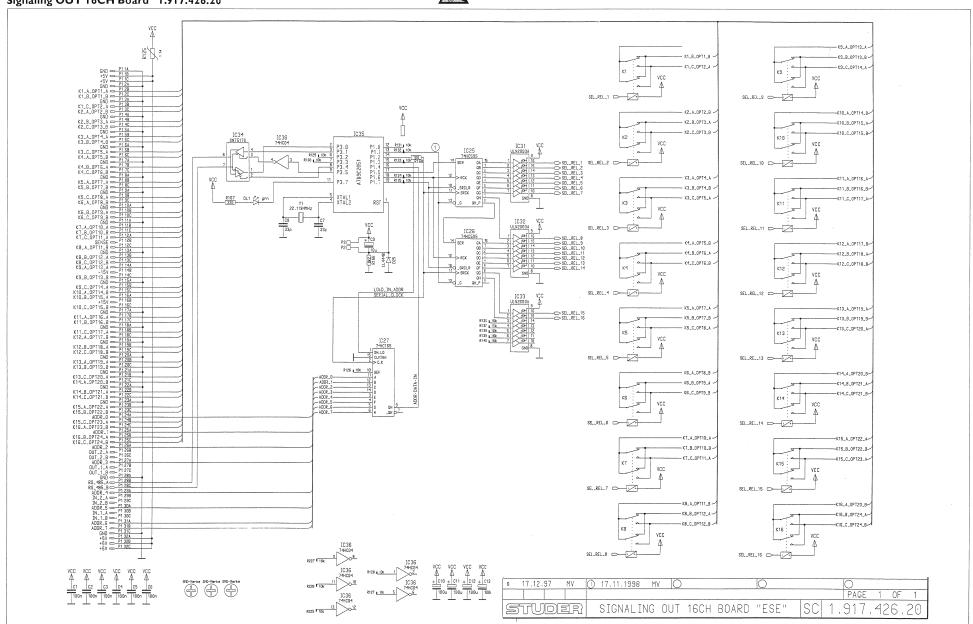


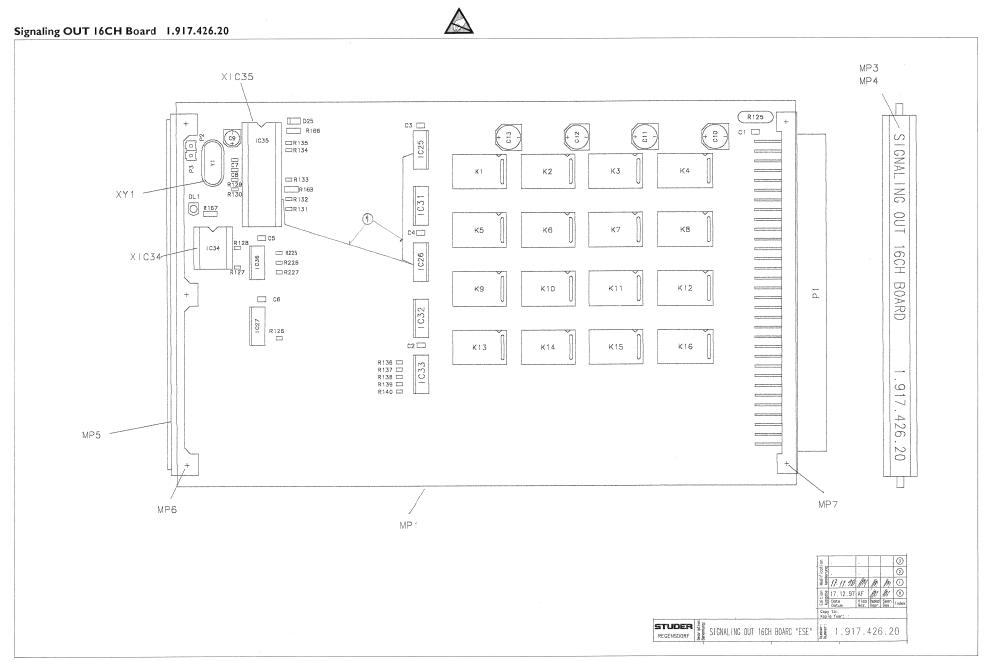
Signaling IN 24CH Board 1.917.425.22

Pos. Part No.	Qty.	Type/Val.	Description	ldx. Pos.	Part No.	Qty. Type/Val.	Description		ldx. Pos.	Part No.	Qty. Type/Val.	Description	
		100n	CER 50V, 10%, X7R, 0805	0 P2	54.01.0020	1p	Pin 0.63*0.63		0 R 106	57 60 1223	22K	MF. 1%, 0204, E24	
1 59.60.33 2 59.60.33		100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 P2	54.01.0020	1p 1p	Pin 0.63*0.63		0 R 106	57.60.1223	22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
				0 13	54.01.0020	ip.	PIII 0.03 0.03		0 R 107	57.60.1223	22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
C 3 59.60.33		100n 100n	CER 50V, 10%, X7R, 0805	0 Q1	50.60,1001	BC857B	Q BC 857 B,	SOT 23	0 R 109	57.60.1223	22K 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24	
C 4 59.60.33			CER 50V, 10%, X7R, 0805					SOT 23				MF, 1%, 0204, E24 MF, 1%, 0204, E24	
C 5 59.60.33		100n	CER 50V, 10%, X7R, 0805	0 Q2	50.60.1001	BC857B	Q BC 857 B,		0 R 110	57.60.1223	22K		
6 59.60.33		100n	CER 50V, 10%, X7R, 0805	0 Q3	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 111	57.60.1223	22K	MF, 1%, 0204, E24	
C 7 59.60.22		33p	CER 50V, 5%, COG,0603	0 Q4	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 112	57.60.1223	22K	MF, 1%, 0204, E24	
C 8 59.60.22	37	33p	CER 50V, 5%, C0G,0603	0 Q5	50.60.1001	BC357B	Q BC 857 B,	SOT 23	0 R 113	57.60.1223	22K	MF, 1%, 0204, E24	
C 9 59.68.00	65	10u	C-EL 16V, 4.0*5.7	0 Q6	50.60.1001	BC357B	Q BC 857 B,	SOT 23	0 R 114	57.60.1223	22K	MF, 1%, 0204, E24	
C 10 59.68.00	29	100u	C-EL 6V, 6.3*5.7	0 Q7	50.30.1001	BC857B	Q BC 857 B,	SOT 23	0 R 115	57.60.1223	22K	MF, 1%, 0204, E24	
				0 Q8	50,30,1001	BC357B	Q BC 857 B,	SOT 23	0 R 116	57.60.1223	22K	MF, 1%, 0204, E24	
0 1 50.60.80	01	4448	D LL 4448 SOD 80	0 Q9	50.30.1001	BC357B	Q BC 857 B,	SOT 23	0 R 117	57.60.1223	22K	MF, 1%, 0204, E24	
D 2 50.60.80		4448	D LL 4448 SOD 80	0 Q 10	50.50.1001	BC357B	Q BC 857 B,	SOT 23	0 R 118	57.60.1223	22K	MF, 1%, 0204, E24	
3 50.60.80		4448	D LL 4448 SOD 80	0 0 11	50.30.1001	BC357B	Q BC 857 B.	SOT 23	0 R 119	57.60.1223	22K	MF, 1%, 0204, E24	
D 4 50.60.80		4448	D LL 4448 SOD 80	0 Q 12	50.80.1001	BC357B	Q BC 857 B,	SOT 23	0 R 120	57.60.1223	22K	MF, 1%, 0204, E24	
		4448		0 0 13	50.60.1001	BC357B	Q BC 857 B,	SOT 23	0 R 121			MF. 1%, 0204, E24	
50.60.80				0 Q 13	50.60.1001	BC357B	Q BC 857 B,	SOT 23		57.60.1223	22K		
0 6 50.60.80		4448	D LL 4448 SOD 80						0 R 122	57.60.1223	22K	MF, 1%, 0204, E24	
7 50.60.80		4448	D LL 4448 SOD 80	0 Q 15	50.60.1001	BC357B	Q BC 857 B,	SOT 23	0 R 123	57.60.1223	22K	MF, 1%, 0204, E24	
D 8 50.60.80	01	4448	D LL 4448 SOD 80	0 Q 16	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 124	57.60.1223	22K	MF, 1%, 0204, E24	
9 50.60.80	01	4448	D LL 4448 SOD 80	0 Q 17	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 125	57.92.7051	1.1A	POLY-PTC, 30V	
10 50,60,80		4448	D LL 4448 SOD 80	0 Q 18	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 126	57.69.1097	10k	Chip 0603, 5%, carbon	
11 50.60.80		4448	D LL 4448 SOD 80	0 Q 19	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 127	57.69.1097	10k	Chip 0603, 5%, carbon	
D 12 50.60.80		4448	D LL 4448 SOD 80	0 0 20	50.60.1001	BC857B	Q BC 857 B.	SOT 23	0 R 128	57.69.1097	10k	Chip 0603, 5%, carbon	
		4448		0 Q 21	50.60.1001	BC857B	Q BC 857 B,	SOT 23		57.69.1037	10k	Chip 0603, 5%, carbon	
0 13 50.60.80								SOT 23	0 R 129				
0 14 50.60.80		4448	D LL 4448 SOD 80	0 Q 22	50.60.1001	BC857B	Q BC 857 B,		0 R 130	57.69.1097	10k	Chip 0603, 5%, carbon	
D 15 50.60.80		4448	D LL 4448 SOD 80	0 Q 23	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 131	57.69.1097	10k	Chip 0603, 5%, carbon	
D 16 50.60.8	01	4448	D LL 4448 SOD 80	0 Q 24	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 132	57.69.1097	10k	Chip 0603, 5%, carbon	
D 17 50.60.8		4448	D LL 4448 SOD 80	0 Q 101	50.60,1001	BC857B	Q BC 857 B,	SOT 23	0 R 133	57.69.1097	10k	Chip 0603, 5%, carbon	
0 18 50.60.8		4448	D LL 4448 SOD 80	0 Q 102	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 134	57.69.1097	10k	Chip 0603, 5%, carbon	
D 19 50.60.8		4448	D LL 4448 SOD 80	0 Q 103	50.60.1001	BC857B	Q BC 857 B.	SOT 23	0 R 135	57.69.1097	10k	Chip 0603, 5%, carbon	
D 20 50.60.8		4448	D LL 4448 SOD 80	0 Q 103	50.60.1001	BC857B	Q BC 857 B	SOT 23	0 R 141	57.69.1097	10k	Chip 0603, 5%, carbon	
				0 Q 105	50 60.1001	BC857B	Q BC 857 B.	SOT 23	0 R 166	57.60.1822	8K2	MF, 1%, 0204, E24	
D 21 50.60.8		4448	D LL 4448 SOD 80		50 60 1001	BC857B	Q BC 857 B	SOT 23					
D 22 50.60.8		4448	D LL 4448 SOD 80	0 Q 106					0 R 167	57.60,1331	330R	MF, 1%, 0204, E24	
23 50.60.8		4448	D LL 4448 SOD 80	0 Q 107	50 60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 168	57.60.1000	0R0	MF, 0204	
D 24 50.60.8	101	4448	D LL 4448 SOD 80	0 Q 108	50 60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 201	57.69.1097	10k	Chip 0603, 5%, carbon	
D 25 50.60.8	101	4448	D LL 4448 SOD 80	0 Q 109	50 60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 202	57.69.1097	10k	Chip 0603, 5%, carbon	
				0 Q 110	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 203	57.69.1097	10k	Chip 0603, 5%, carbon	
DL 1 50.04.2	32	TLUG 2401	DL TLUG 2401 GN MATT	0 Q 111	50.60,1001	BC857B	Q BC 857 B,	SOT 23	0 R 204	57.69.1097	10k	Chip 0603, 5%, carbon	
DE 1 00.04.E		12002101	DE 1200 E 101	0 0 112	50 60 1001	BC857B	Q BC 857 B.	SOT 23	0 R 205	57 69 1097	10k	Chip 0603, 5%, carbon	
IC 1 50.99.0	00	4N26	Ontocoupler	0 Q 113	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 206	57.69.1097	10k	Chip 0603, 5%, carbon	
				0 Q 114	50.60.1001	BC857B	Q BC 857 B,	SOT 23					
IC 2 50.99.0		4N26	Optocoupler						0 R 207	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 3 50.99.0		4N26	Optocoupler	0 Q 115	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 208	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 4 50.99.0		4N26	Optocoupler	0 Q 116	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 209	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 5 50.99.0	26	4N26	Optocoupler	0 Q 117	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 210	57.69,1097	10k	Chip 0603, 5%, carbon	
IC 6 50.99.0	26	4N26	Optocoupler	0 Q 118	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 211	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 7 50.99.0		4N26	Optocoupler	0 Q 119	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 212	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 8 50.99.0		4N26	Optocoupler	0 Q 120	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 213	57,69,1097	10k	Chip 0603, 5%, carbon	
IC 9 50.99.0		4N26	Optocoupler	0 Q 121	50.60,1001	BC857B	Q BC 857 B,	SOT 23	0 R 214	57.69.1037	10k	Chip 0603, 5%, carbon	
		4N26		0 Q 121	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 215	57.69.1097	10k	Chip 0603, 5%, carbon	
			Optocoupler		50.60.1001	BC857B	Q BC 857 B.	SOT 23					
IC 1 50.99.0		4N26	Optocoupler	0 Q 123					0 R 216	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 12 50.99.0		4N26	Optocoupler	0 Q 124	50.60.1001	BC857B	Q BC 857 B,	SOT 23	0 R 217	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 13 50.99.0	126	4N26	Optocoupler						0 R 218	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 14 50.99.0	126	4N26	Optocoupler	0 R1	57.60.1680	68R	MF, 1%, 0204,		0 R 219	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 15 50.99.0	126	4N26	Optocoupler	0 R 2	57.60.1680	68R	MF, 1%, 0204,		0 R 220	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 16 50.99.0		4N26	Optocoupler	0 R3	57.60.1680	68R	MF, 1%, 0204,	E24	0 R 221	57.69.1097	10k	Chip 0603, 5%, carbon	
C 17 50.99.0		4N26	Optocoupler	0 R4	57.60.1680	68R	MF. 1%, 0204.		0 R 222	57,69,1097	10k	Chip 0603, 5%, carbon	
		4N26	Optocoupler	0 R5	57.60.1680	68R	MF, 1%, 0204,		0 R 223	57.69.1097	10k	Chip 0603, 5%, carbon	
				0 R6	57.60.1680	68R	MF, 1%, 0204,						
IC 19 50.99.0		4N26	Optocoupler						0 R 224	57.69.1097	10k	Chip 0603, 5%, carbon	
C 20 50.99.0		4N26	Optocoupler	0 R7	57.60.1680	68R	MF, 1%, 0204,		0 R 225	57.69.1097	10k	Chip 0603, 5%, carbon	
21 50.99.0	126	4N26	Optocoupler	0 R8	57.60.1680	68R	MF, 1%, 0204,		0 R 226	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 22 50.99.0	126	4N26	Optocoupler	0 R9	57.60.1680	68R	MF, 1%, 0204,		0 R 227	57.69.1097	10k	Chip 0603, 5%, carbon	
IC 23 50.99.0	126	4N26	Optocoupler	0 R 10	57.60.1680	68R	MF, 1%, 0204,						
IC 24 50.99.0		4N26	Optocoupler	0 R 11	57.60.1680	68R	MF, 1%, 0204,		0 XIC 34	53.03.0186	8p	DIL 0.3", löt, gerade	
IC 27 50.62.1		74HC165	74 HC 165	0 R 12	57.60.1680	68R	MF, 1%, 0204,		0 XIC 35	53.03.0135	~-	DIL 0.3", lot, gerade	
		74HC165 74HC165	74 HC 165 74 HC 165	0 R 13	57.60.1680	68R	MF, 1%, 0204,		0 VIC 33	00.00.0100	Zup	S.E S.O , IOI, GOIDUG	
IC 28 50.62.1				0 R13	57.60.1680	68R	MF, 1%, 0204,		0 1017	00.01.11		OUADZ IOOUEDDIATES	
IC 29 50.62.1		74HC165	74 HC 165						0 XY 1	89.01.1499		QUARZ - ISOLIERPLATTE	
IC 30 50.62.1		74HC165	74 HC 165	0 R 15	57.60.1680	68R	MF, 1%, 0204,						
C 34 50.15.0		75176	IC SN 75176 BP, DS 3695 N,	0 R 16	57.60.1680	68R	MF, 1%, 0204,		0 Y 1	89.01.1016	22.1184Mi	Hz 22.118 400 MHz, HC 49/U	
35 1.950.91	3.22		SW 917425 SIG IN (50.16.0313)	0 R 17	57.60.1680	68R	MF, 1%, 0204,						
36 50.62.1		74HC 04	74 HC 04	0 R 18	57.60.1680	68R	MF, 1%, 0204,	E24				11-4	
55 50.02.1				0 R 19	57.60.1680	68R	MF, 1%, 0204,	E24			End of	LIST	
			SIGNALING IN 24CH PCB	0 R 20	57.60.1680	6ER	MF, 1%, 0204,		Comments				
	5.11 1 pce					BER	MF, 1%, 0204,						
MP 2 43.01.0		Label	ESE-WARNSCHILD	0 R 21	57.60.1680	0011							
MP 3 1.917.42	5.01 1 pce		BEZ, STREIFEN 6.3x91	0 R 22	57.60.1680	68R	MF, 1%, 0204,						
MP 4 1.010.09			KLARSICHTSCHILD	0 R 23	57.60.1680	68R	MF, 1%, 0204,						
	3.33 2 pcs		GRIFFHAELFTE	0 R 24	57.60.1680	68R	MF, 1%, 0204,	E24					
	380 3 pcs	, and	ROHRNIETE. D2.25* 6.5	0 R 101	57.60.1000	22K	MF. 1%, 0204						
				0 R 102	57.60.1223	22K	MF, 1%, 0204,						
	119 2 pcs		ROHRNIETE D 2.5*0.15* 9				MF, 1%, 0204, MF, 1%, 0204.						
MP 8 1.101.00	1.20	Label	TEXT-ETIK, 5*20 HARDWARE -20	0 R 103	57.60.1223	22K							
				0 R 104	57.60.1223	22K	MF, 1%, C204,						
		96p	EU-R 3*32p	0 R 105	57 30 1223	22K	MF, 1%, C204,						

Signaling OUT 16CH Board 1.917.426.20







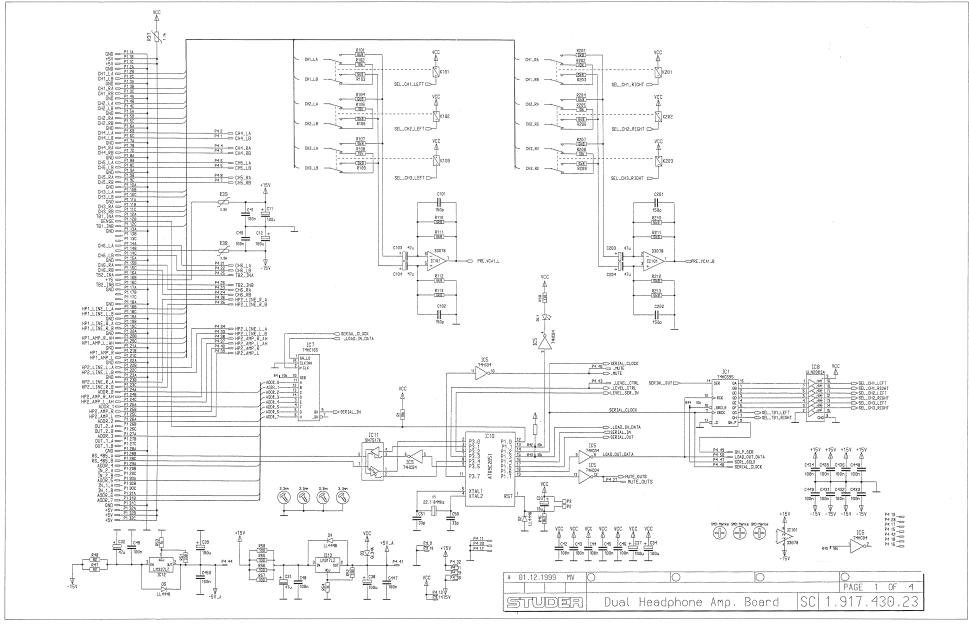




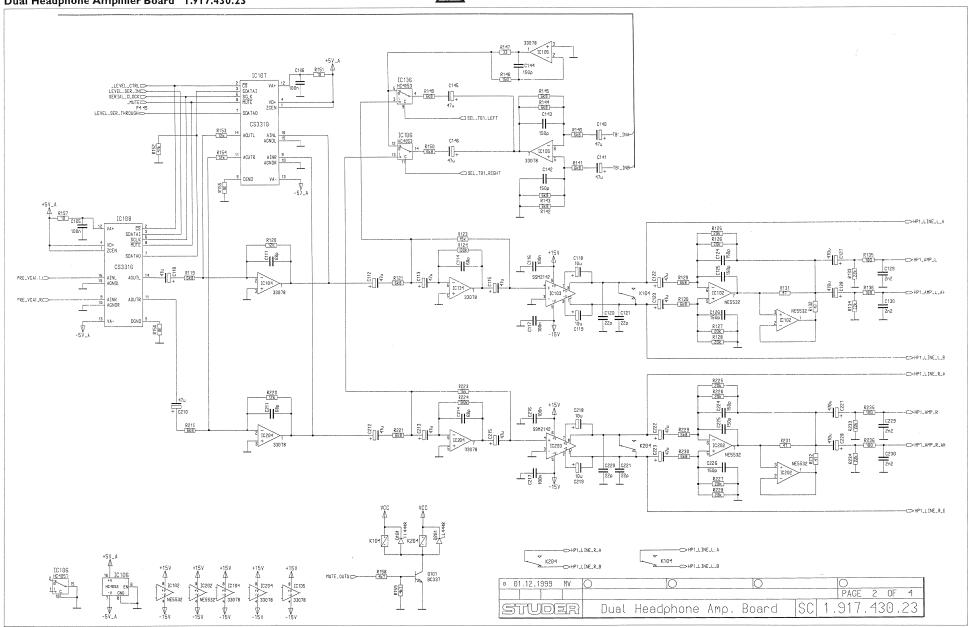
Signaling OUT 16CH Board 1.917.426.22

ldx	Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No.	Qty.	Type/Val.	Description
)	C 1	59.60.3337	100n	CER 50V, 10%, X7R, 0805		VIC 24	F0 00 0155		0n	DIL 0.3", löt, gerade
0	C 2	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	XIC 34	53.03.0166		8p	· · · ·
0	C 3	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0	XIC 35	53.03.0165		20p	DIL 0.3", löt, gerade
0	C 4	59.60.3337	100n	CER 50V, 10%, X7R, 0805						
					0	XY 1	89.01.1499			QUARZ - ISOLIERPLATTE
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	Y 1	89.01.1016		22.1184MHz	22.118 400 MHz, HC 49/U
0	C 7	59.60.2237	33p	CER 50V, 5%, COG, 0603						,
0	C 8	59.60.2237	33p	CER 50V, 5%, C0G, 0603						
0	C 9	59.68.0065	10u	C-EL 16V, 4.0*5.7					End of List	
0	C 10	59.68.0029	100u	C-EL 6V, 6.3*5.7	Con	nments				
0	C 11		100u	C-EL 6V, 6.3*5.7						
		59.68.0029			(1) 17	11,1998 PC	3 has been improved	1		
0	C 12	59.68.0029	100u	C-EL 6V, 6.3*5.7						
0	C 13	59.68.0029	100u	C-EL 6V, 6.3*5.7						
0	D 25	50.60.8001	4448	200mA 75V 4ns SOD 80						
0	DL 1	50.04.2132	TLUG 2401	DL TLUG 2401 GN MATT						
0	IC 25	50.62.1595	74HC595	8bit shift/output register						
0	IC 26	50.62.1595	74HC595	8bit shift/output register						
0	IC 27	50.62.1165	74HC165	8bit shift register						
0	IC 31	50.62.0130	ULN2003	7*Darlington driver						
0	IC 32	50,62.0130	ULN2003	7*Darlington driver						
0	IC 33	50.62.0130	ULN2003	7*Darlington driver						
0	IC 34	50.15.0115	75176	IC SN 75176 BP, DS 3695 N,						
0	IC 35	1.950.914.22	-	SW 917426 SIG OUT (50.16.0313)						
0			7440.04							
١	IC 36	50,62,1004	74HC 04	Hex inverter						
0	K 1	56.04.0198	2u	5V 125V 2A Ag/Au						
0	K 2	56.04.0198	2u	5V 125V 2A Ag/Au						
0			2u							
	K 3	56.04.0198		5V 125V 2A Ag/Au						
0	K 4	56.04.0198	2u	5V 125V 2A Ag/Au						
0	K 5	56.04.0198	2u	5V 125V 2A Ag/Au						
0	K 6	56.04.0198	2u	5V 125V 2A Ag/Au						
0	K 7		2u							
		56.04.0198		5V 125V 2A Ag/Au						
0	K B	56.04.0198	2u	5V 125V 2A Ag/Au						
)	K 9	56.04.0198	2u	5V 125V 2A Ag/Au						
)	K 10	56.04.0198	2u	5V 125V 2A Ag/Au						
	K 11		2u	5V 125V 2A Ag/Au						
0		56.04.0198								
0	K 12	56.04.0198	2u	5V 125V 2A Ag/Au						
0	K 13	56.04.0198	2u	5V 125V 2A Ag/Au						
0	K 14	56.04.0198	2u	5V 125V 2A Ag/Au						
0	K 15	56.04.0198	2u 2u	5V 125V 2A Ag/Au 5V 125V 2A Ag/Au						
0	K 16	56.04.0198	Zu	3V 123V ZA Agrad						
1	MP 1	1.917.426.12 1 pce		SIGNALING OUT 16CH PCB						
0	MP 2	43.01.0108 1 pce	Label	ESE-WARNSCHILD						
0	MP 3	1.917.426.01 1 pce		BEZ. STREIFEN 6.3x91						
0	MP 4	1.010.096.49 1 pce		KLARSICHTSCHILD						
			11							
0	MP 5	1.010.006.33 2 pcs	Handle	GRIFFHAELFTE						
0	MP 6	28.21.1380 3 pcs	2.25*6.5	Rohrniete Ms blank						
0	MP 7	28.99.0119 2 pcs		ROHRNIETE D 2.5*0,15* 9						
1	MP 8	1.101.001.22 1 pce		TEXT-ETIK. 5*20 HARDWARE -22						
_	D.4	54.44.0000	00-	EII D 2*20m						
0	P1	54.11.2009	96p	EU-R 3*32p						
)	P 2	54.01.0020	1p	Pin 0.63*0.63						
)	P 3	54.01.0020	1p	Pin 0.63*0.63						
,	R 125	57.92.7051	1.1A	POLY- PTC, 30V						
0										
)	R 126	57.69.1097	10k	CF 5% 0603						
)	R 127	57.69.1097	10k	CF 5% 0603						
)	R 128	57.69.1097	10k	CF 5% 0603						
)	R 129	57.69.1097	10k	CF 5% 0603						
)	R 130	57.69.1097	10k	CF 5% 0603						
0	R 131	57.69.1097	10k	CF 5% 0603						
0	R 132	57.69.1097	10k	CF 5% 0603						
0	R 133	57.69.1097	10k	CF 5% 0603						
0	R 134	57.69.1097	10k	CF 5% 0603						
0	R 135	57.69.1097	10k	CF 5% 0603						
0	R 136	57.69.1097	10k	CF 5% 0603						
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	57.69.1097	10k	CF 5% 0603						
0	R 166	57.60.1822	8K2	MF, 1%, 0204, E24						
0	R 167	57.60.1331	330R	MF, 1%, 0204, E24						
0	R 168	57.60.1000	0R0	MF, 0204						
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						

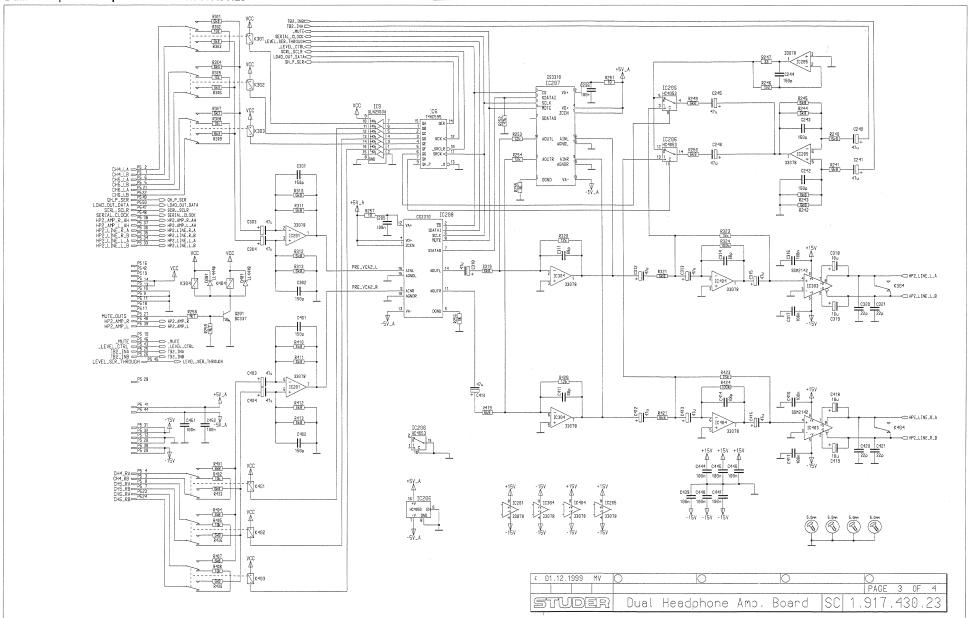




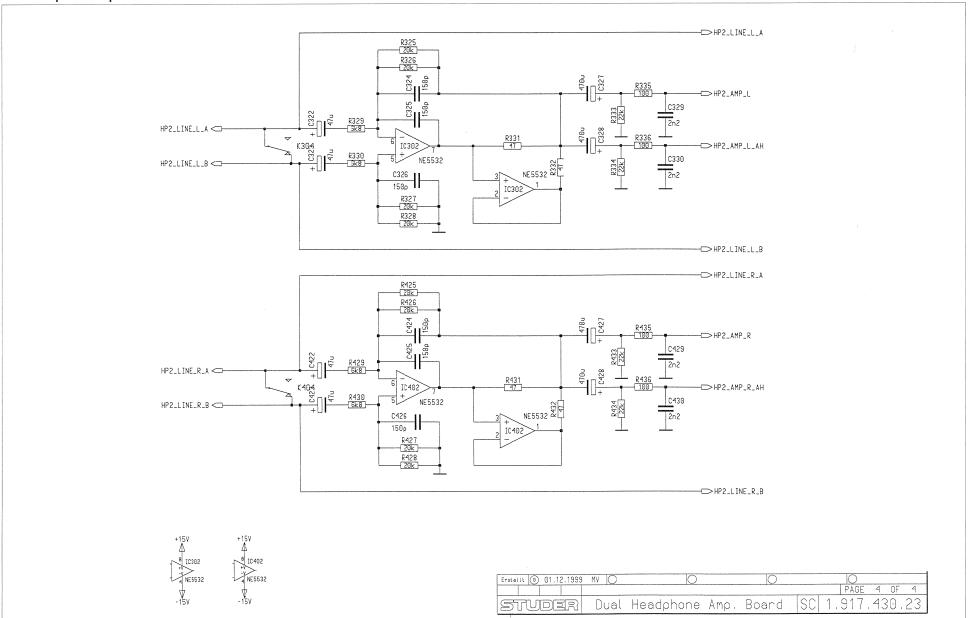




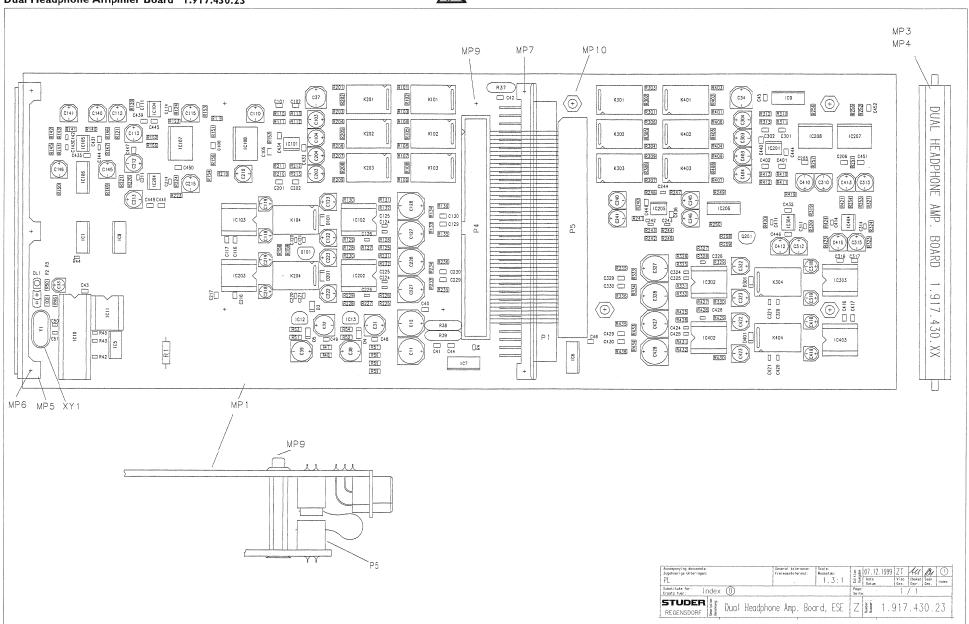












STUDER



Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qtv.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description	ldx Pos.	Part No. Qty.	Type/Val.	Description
1	59.68.0115		EL 35V, 8.0*10.7	0 C 242	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 IC 1	50.62.1595	74HC595	8bit shift/output register	0 R 52	57 60 1331	330R	MF. 1%. 0204. E24
	59.68.0115	100u 100u	EL 35V, 8.0*10.7	0 C 242	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 10 5	50.62.1004	74HC 04	Hex inverter	0 R 53	57.60.1102	1K	MF, 1%, 0204, E24
12	59.00.0115	47n	EL 35V, 6.0 10.7	0 C 244	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 10 6	50.62.1595	74HC595	8bit shift/output register	0 R 54	57.60.1102	1K .	MF. 1%, 0204, E24
2	59.66.0069	47u 47u	EL 16V, 6.3*5.7	0 C 245	59.68.0027	47u	EL 6V, 5.0*5.7	0 10 7	50.62.1165	74HC165	8bit shift register	0 R 55	57,60,1101	100R	MF, 1%, 0204, E24
3	59.68.0065	10u	EL 16V, 4.0*5.7	0 C 246	59.68.0027	47u	EL 6V 5.0*5.7	0 10.8	50.62.0130	ULN2003	7*Darlington driver	0 R 56	57.60.1101	100R	MF. 1%, 0204, E24
4	59.68.0029	100u	EL 6V, 6.3*5.7	0 C 301	59.60.2353	150p	CER 50V. 5%. COG. 0805	0 10 9	50.62.0130	ULN2003	7*Darlington driver	0 R 57	57.60.1101	100R	MF, 1%, 0204, E24
37	59.68.0029	100u	EL 6V. 6.3*5.7	0 C 302	59.60.2353	150p	CER 50V, 5%, COG, 0805	0 IC 10	1.950.916.22		SW 917430 DUALHEAD (50.16.0313	0 R 58	57,60,1101	100R	MF, 1%, 0204, E24
38	59.68.0029	100u	EL 6V, 6.3*5.7	0 C 303	59.68.0027	47u	EL 6V, 5.0*5.7	0 IC 11	50.15.0115	75176	IC SN 75176 BP, DS 3695 N.	0 R 101	57.60.1682	6K8	MF, 1%, 0204, E24
39	59.68.0029	100u	EL 6V. 6.3*5.7	0 C 304	59.68.0027	47u	EL 6V. 5.0*5.7	0 IC 12	50.10.0109	LM337L	Series regulator 100mA37V	0 R 102	57.60.1103	10K	MF. 1%, 0204, E24
40	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 310	59.68.0027	47u	EL 6V. 5.0*5.7	0 IC 13	50.10.0108	LM317L	Series regulator 100mA+37V	0 R 103	57.60.1682	6K8	MF, 1%, 0204, E24
41	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 311	59.60.2245	68p	CER 50V, 5%, COG, 0603	0 IC 101	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 104	57.60.1682	6K8	MF, 1%, 0204, E24
42	59 60 3337	100n	CER 50V 10%, X7R 0805	0 C 312	59.68.0027	47u	EL 6V. 5.0*5.7	0 IC 102	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, .A	0 R 105	57.60.1103	10K	MF, 1%, 0204, E24
43	59.60.3337	100n	CER 50V. 10%. X7R. 0805	0 C 313	59.68.0027	47u	EL 6V, 5.0*5.7	0 IC 103	50.09.0124	2142	Audio balanced line driver	0 R 106	57,60,1682	6K8	MF, 1%, 0204, E24
44	59.60.3337	100n	CER 50V 10% X7R 0805	0 C 314	59 60 2245	68n	CER 50V. 5%, COG. 0603	0 IC 104	50 61 0204	MC33078	Dual Op-Amp low noise	0 R 107	57.60.1682	6K8	MF, 1%, 0204, E24
45	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 315	59.68.0027	47u	EL 6V. 5.0*5.7	0 IC 105	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 108	57.60.1103	10K	MF, 1%, 0204, E24
46	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 C 316	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 106	50.62.8053	HC4053	Tripple 2ch analog mux/demux	0 R 109	57,60,1682	6K8	MF, 1%, 0204, E24
18	59 60 3337	100n	CER 50V. 10%, X7R, 0805	0 C 317	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 IC 107	50.61.8301	CS3310	Dig volume control ste SO16	0 R 110	57,60,1682	6K8	MF. 1%, 0204, E24
49	59.60.3337	100n	CER 50V. 10%, X7R, 0805	0 C 318	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 108	50.61.8301	CS3310	Dig volume control ste SO16	0 R 111	57.60.1682	6K8	MF. 1%, 0204, E24
50	59.60.2237	33p	CER 50V. 5%. C0G. 0603	0 C 319	59.68.0065	10u	EL 16V, 4.0*5.7	0 IC 201	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 112	57.60.1682	6K8	MF, 1%, 0204, E24
51	59.60.2237	33p	CER 50V, 5%, C0G, 0603	0 C 320	59.60.2233	22p	CER 50V, 5%, C0G, 0603	0 IC 202	50.09.0106	5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0 R 113	57.60.1682	6K8	MF, 1%, 0204, E24
101	59 60 2353	150n	CER 50V 5% COG 0805	0 C 321	59.60.2233	220	CER 50V, 5%, C0G, 0603	0 IC 203	50 09 0124	2142	Audio balanced line driver	0 R 119	57,60,1682	6K8	MF, 1%, 0204, E24
102	59.60.2353	150p	CER 50V, 5%, C0G, 0805	0 C 322	59.68.0027	47u	EL 6V. 5.0*5.7	0 IC 204	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 120	57.60.1123	12K	MF, 1%, 0204, E24
102	59.68.0027	47u	EL 6V 5.0*5.7	0 C 323	59.68.0027	47u	EL 6V, 5.0*5.7	0 IC 204	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 121	57.60.1682	6K8	MF, 1%, 0204, E24
104	59.66.0027	47u	EL 6V 5.0*5.7	0 C 324	59.60.2253	150p	CER 50V, 5%, COG, 0603	0 C 206	50.62.8053	HC4053	Tripple 2ch analog mux/demux	0 R 123	57.60.1153	15K	MF. 1%, 0204, E24
105	59.60.0027	100n	CER 50V. 10%. X7R. 0805	0 C 325	59.60.2253	150p	CER 50V, 5%, COG, 0603	0 C 206	50.62.8053	CS3310	Dig volume control ste SO16	0 R 124	57.60.1104	100K	MF, 1%, 0204, E24
106	59.60.3337	100n	CER 50V, 10%, X7R, 0005	0 C 326	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 C 208	50.61.8301	CS3310	Dig volume control ste SO16	0 R 125	57.60.1203	20K	MF. 1%, 0204, E24
110	59.68.0027	47u	EL 6V, 5.0*5.7	0 C 327	59.68.0033	470u	EL 6V. 8.0*10.7	0 C 302	50.01.0301	5532AN	IC NE 5532 AN, NE 5532 AN, ,A	0 R 126	57.60.1203	20K	MF. 1%, 0204, E24
111	59.60.2245	68p	CER 50V. 5%. COG. 0603	0 C 328	59.68.0033	470u	EL 6V, 8.0*10.7	0 C 302	50.09.0106	2142	Audio halanced line driver	0 R 127	57.60.1203	20K	MF, 1%, 0204, E24
112	59.68.0027	47u	EL 6V, 5.0*5.7	0 C 329	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 IC 304	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 128	57.60.1203	20K	MF, 1%, 0204, E24
113	59 68 0027	47u	EL 6V 5.0*5.7	0 C 330	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 IC 402	50.09.0106	5532AN	IC NE 5532 AN. NE 5532 AN. A	0 R 129	57.60.1682	6K8	MF. 1%, 0204, E24
114	59.60.2245	68p	CER 50V. 5%, COG, 0603	0 C 401	59.60.2353	150p	CER 50V, 5%, C0G, 0805	0 IC 403	50.09.0124	2142	Audio balanced line driver	0 R 130	57.60.1682	6K8	MF, 1%, 0204, E24
115	59.68.0027	47u	EL 6V. 5.0*5.7	0 C 402	59.60.2353	150p	CER 50V. 5%, C0G, 0805	0 IC 404	50.61.0204	MC33078	Dual Op-Amp low noise	0 R 131	57.60.1470	47R	MF, 1%, 0204, E24
116	59.60.3337	100n	CER 50V. 10%, X7R, 0805	0 C 403	59.68.0027	47u	EL 6V. 5.0*5.7	0 10 404	30.01.0204	WI003070		0 R 132	57.60.1470	47R	MF. 1%, 0204, E24
117	59 60 3337	100n	CER 50V, 10%, X7R, 0805	0 C 404	59.68.0027	47u	EL 6V. 5.0*5.7	0 K 101	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 133	57.60.1223	22K	MF, 1%, 0204, E24
118	59 68 0065	10u	EL 16V, 4.0*5.7	0 C 410	59.68.0027	47u	EL 6V, 5.0*5.7	0 K 102	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 134	57.60.1223	22K	MF, 1%, 0204, E24
119	59 68 0065	10u	FI 16V 4.0*5.7	0 C 411	59.60.2245	68o	CER 50V, 5%, C0G, 0603	0 K 103	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 135	57 60 1101	100R	MF. 1%, 0204, E24
120	59.60.2233	22p	CER 50V. 5%. COG. 0603	0 C 412	59.68.0027	47u	EL 6V 5.0*5.7	0 K 104	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 136	57.60.1101	100R	MF. 1%, 0204, E24
121	59.60.2233	220	CER 50V 5% COG 0603	0 C 413	59 68 0027	470	EL 6V 5.0*5.7	0 K 201	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 140	57.60.1682	6K8	MF 1% 0204 F24
122	59.68.0027	47u	EL 6V. 5.0*5.7	0 C 414	59.60.2245	68n	CER 50V. 5%, C0G, 0603	0 K 202	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 141	57.60.1682	6K8	MF, 1%, 0204, E24
123	59.68.0027	47u	EL 6V. 5.0*5.7	0 C 415	59.68.0027	47u	EL 6V, 5.0*5.7	0 K 203	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 142	57.60.1682	6K8	MF, 1%, 0204, E24
124	59.60.2253	150p	CER 50V, 5%, C0G, 0803	0 C 416	59.60.3337	100n	CER 50V. 10%. X7R. 0805	0 K 204	56.04.0198	2u .	5V 125V 2A Ag/Au	0 R 143	57 60 1682	6K8	MF, 1%, 0204, E24
125	59.60.2253	150p	CER 50V, 5%, COG, 0003	0 C 417	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 K 301	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 144	57.60.1682	6K8	MF. 1%, 0204, E24
126	59.60.2253	150p	CER 50V, 5%, COG, 0003	0 C 418	59.68.0065	10u	EL 16V, 4.0*5.7	0 K 302	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 145	57.60.1682	6K8	MF. 1%, 0204, E24
127	59.60.2253	470u	EL 6V, 8.0*10.7	0 C419	59.68.0065	100	EL 16V 40*5.7	0 K 303	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 146	57.60.1151	150R	MF, 1%, 0204, E24
128	59.66.0033	470u	EL 6V. 8.0*10.7	0 C 420	59.60.2233	220	CER 50V. 5%, C0G, 0603	0 K 304	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 147	57.60.1330	33R	MF. 1%, 0204, E24
129	59.60.3317	2n2	CER 50V. 10%, X7R, 0805	0 C 421	59.60.2233	220	CER 50V 5% C0G 0603	0 K 401	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 149	57.60.1682	6K8	MF, 1%, 0204, E24
130	59.60.3317	202	CER 50V, 10%, X7R, 0805	0 C 422	59.68.0027	47u	EL 6V, 5.0*5.7	0 K 402	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 150	57.60.1682	6K8	MF. 1%, 0204, E24
	59.60.3317	202 47u	EL 6V. 5.0*5.7	0 C 423	59.68.0027	47u	EL 6V. 5.0*5.7	0 K 403	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 151	57.60.1100	10R	MF. 1%, 0204, E24
140	59.68.0027 59.68.0027	47u 47u	EL 6V, 5.0*5.7	0 C 424	59.60.2253	150p	CER 50V, 5%, C0G, 0603	0 K 404	56.04.0198	2u	5V 125V 2A Ag/Au	0 R 152	57.60.1473	47K	MF, 1%, 0204, E24
141				0 C 425	59.60.2253	150p	CER 50V, 5%, C0G, 0603					0 R 153	57.60.1123	12K	MF. 1%, 0204, E24
142	59.60,2253	150p	CER 50V, 5%, C0G, 0503 CER 50V, 5%, C0G, 0503	0 C 425	59.00.2253 59.60.2253	150p	CER 50V, 5%, COG, 0603	1 MP 1	1.917.430.12 1 pce		DUAL HEADPHONES AMP, PCB	0 R 154	57.60.1123	12K	MF. 1%, 0204, E24
143	59.60.2253	150p 150p	CER 50V, 5%, COG, 0503	0 C 427	59.68.0033	470u	EL 6V. 8.0*10.7	0 MP 2	43.01.0108 1 pce	Label	ESE-WARNSCHILD	0 R 155	57.60.1000	0R0	MF. 0204
144	59.60.2253	150p 47u	EL 6V. 5.0*5.7	0 C 428	59.68.0033	470u	EL 6V. 8.0*10.7	0 MP3	1.917.430.01 1 pce		BEZ. STREIFEN 6,3x91	0 R 156	57.60.1000	0R0	MF. 0204
145	59.68.0027 59.68.0027	47u 47u	EL 6V, 5.0°5.7 EL 6V. 5.0°5.7	0 C 429	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 MP4 0 MP5	1.010.096.49 1 pce	-	KLARSICHTSCHILD	0 R 157	57.60.1100	10R	MF, 1%, 0204, E24
146	59.68.0027 59.60.2353	47u 150p	EL 6V, 5.0*5.7 CER 50V, 5%, COG, 0805	0 C 430	59.60.3317	2n2	CER 50V, 10%, X7R, 0805		1.010.006.33 2 pcs	Handle	GRIFFHAELFTE	0 R 158	57.60.1472	4K7	MF, 1%, 0204, E24
201	59.60.2353 59.60.2353	150p 150n	CER 50V, 5%, C0G, 0805 CER 50V 5%, C0G, 0805	0 C 431	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP 6	28.21.1380 3 pcs	2.25*6.5	Rohmiete Ms blank	0 R 159	57.60.1472	4K7	MF, 1%, 0204, E24 MF, 1%, 0204, E24
202 203	59.60.2353 59.68.0027	150p 47u	EL 6V. 5.0*5.7	0 C 432	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP7 0 MP8	28.99.0119 2 pcs		ROHRNIETE D 2.5*0.15* 9 TEXT-ETIK. 5*20 HARDWARE -23	0 R 201	57.60.1682	6K8	MF, 1%, 0204, E24
203 204	59.68.0027	47u 47u	EL 6V, 5.0°5.7	0 C 433	59 60 3337	100n	CER 50V, 10%, X7R, 0805	0 MP8	1.101.001.23 1 pce	M3*6		0 R 202	57.60.1103	10K	MF. 1%, 0204, E24
204	59.68.0027	4/U 100n	CFR 50V 10% X7R 0805	0 C 433	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP9 0 MP10	21.53.9354 4 pcs	M9Q	Z-Schraube Inbus-Ripp Zn gb ch NIETMUTTER, M 3 * 22.5	0 R 203	57.60.1682	6K8	MF. 1%, 0204, E24
205 206	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805 CER 50V, 10%, X7R, 0805	0 C 435	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 MP10 1 MP11	1.010.059.22 4 pcs 43.10.0110		NIETMUTTER, M 3 * 22.5 Revisions-Etikette 5mm h'blau	0 R 204	57.60.1682	6K8	MF. 1%, 0204, E24
206 210	59.60.3337 59.68.0027	100n 47u	EL 6V, 5.0*5.7	0 C 436	59.60.3337	100n	CER 50V, 10%, X7R, 0805	1 MP 11	43.10.0110	Α	revisions-Elikette omm fiblau	0 R 205	57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
210 211	59.68.0027 59.60.2245	47u 68p	CER 50V. 5%. COG. 0803	0 C 439	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P1	54.11.2009	96p	EU-R 3*32p	0 R 206	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24
211 212	59.60.2245 59.68.0027	68p 47u	FL 6V 5.0*5.7	0 C 440	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P2	54.01.0020	1p	Pin 0.63*0.63	0 R 207	57.60.1682	6K8	MF, 1%, 0204, E24
212	59.68.0027	47u 47u	EL 6V. 5.0*5.7	0 C 441	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P3	54.01.0020	1p	Pin 0.63*0.63	0 R 208	57.60.1103	10K	MF. 1%, 0204, E24
213	59.60.2245	47u 68o	CER 50V, 5%, COG, 0803	0 C 444	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 P4	54.14.2005	50p	1/20" Au, gerade, ohne Verrieg	0 R 209	57.60.1682	6K8	MF, 1%, 0204, E24
214	59.60.2245	47u	EL 6V. 5.0*5.7	0 C 445	59.60.3337	10Cn	CER 50V, 10%, X7R, 0805	0 P5	1.023.117.01		FLACHKABEL 50POL. 0.04M	0 R 210	57.60.1682	6K8	MF, 1%, 0204, E24
215 216	59.68.0027	47u 100n	CER 50V. 10%. X7R. 0805	0 C 446	59.60.3337	100n	CER 50V 10%, X7R 0805					0 R 211	57.60.1682	6K8	MF, 1%, 0204, E24
217	59.60.3337	100n 100n	CER 50V, 10%, X7R, 0805	0 C 447	59 60 3337	100n	CER 50V, 10%, X7R, 0805	0 Q 101	50.03.0340	BC337-25	800mA, 45V, NPN	0 R 212	57.60.1682	6K8	MF. 1%, 0204, E24
	59,60,3337	1000	EI 16V 4 0*5 7	0 C 448	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 Q 201	50.03.0340	BC337-25	800mA, 45V, NPN	0 R 213	57.60.1682	6K8	MF, 1%, 0204, E24
18	59.68.0065	10u 10u	EL 16V. 4.0*5.7	0 C 449	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 1	57.11.3103	10k	MF 1% 0207	0 R 219	57.60.1682	6K8	MF. 1%, 0204, E24
	59.68.0065	10u 22p	CER 50V. 5%. COG. 0803	0 C 450	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R4	57.69.1097	10k	CF 5% 0603	0 R 220	57.60.1123	12K	MF. 1%, 0204, E24
20	59.60.2233 59.60.2233	22p 22p	CER 50V, 5%, COG, 0803	0 C 451	59.60.3337	100n	CER 50V, 10%, X7R, 0805	0 R 37	57.92.7051	1.1A	PTC 30V	0 R 221	57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24
221		22p 47u	GER 30V, 376, CUG, USU3	0 C 452	59.60.3337	100n	CER 50V, 10%, X/R, 0805 CER 50V, 10%, X7R, 0805	0 R37	57.92.7021	0.9A	PTC 60V	0 R 223	57.60.1153	15K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
222	59.68.0027		EL 6V, 5.0*5.7 FI 6V 5.0*5.7					0 R39	57.92.7021	0.9A 0.9A	PTC 60V	0 R 224	57.60.1103	100K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
223	59.68.0027	47u	EL 6V, 5.0*5.7 CER 50V. 5%, C0G, 0803	0 D2	50.60.8001	4448	200mA 75V 4ns SOD 80	0 R 42	57.92.7021	0.9A 10k	CF 5% 0603	0 R 224	57.60.1104	20K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
224	59.60.2253	150p		2 D3	not used	GL34A	500mA 50V DO 213	0 R42	57.69.1097	10k	CF 5% 0603 CF 5% 0603	0 R 225	57.60.1203	20K	MF, 1%, 0204, E24 MF, 1%, 0204, E24
225	59.60.2253	150p	CER 50V, 5%, COG, 0603	0 D4	50.60.8001	4448	200mA 75V 4ns SOD 80	0 R43	57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603	0 R 225	57.60.1203 57.60.1203	20K 20K	
226	59.60.2253	150p	CER 50V, 5%, COG, 0603	0 D5	50.60.8001	4448	200mA 75V 4ns SOD 80	0 R 44 0 R 45	57.69.1097 57.69.1097	10k 10k	CF 5% 0603 CF 5% 0603	0 R 227	57.60.1203 57.60.1203	20K 20K	MF, 1%, 0204, E24
227	59.68.0033	470u	EL 6V, 8.0*10.7	0 D 101	50.60.8001	4448	200mA 75V 4ns SOD 80								MF, 1%, 0204, E24
228	59.68.0033	470u	EL 6V, 8.0*10.7	0 D 201	50,60,8001	4448	200mA 75V 4ns SOD 80	0 R 46	57.60.1822	8K2	MF, 1%, 0204, E24	0 R 229	57.60.1682	6K8	MF, 1%, 0204, E24
229	59.60.3317	2n2	CER 50V, 10%, X7R, 0805	0 D 301	50.60.8001	4448	200mA 75V 4ns SOD 80	0 R 47	57.60.1820	82R	MF, 1%, 0204, E24				
30	59.60.3317	2n2 47u	CER 50V, 10%, X7R, 0805	0 D 401	50.60.8001	4448	200mA 75V 4ns SOD 80	0 R 48	57.60.1820	82R	MF, 1%, 0204, E24				
40	59.68.0027		EL 6V. 5.0*5.7						57 60 1331	330R	MF 1% 0204 F24				





	Pos.	Part No. Qty.	Type/Val.	Description	ldx	Pos.	Part No.	Qty.	Type/Val.	Description	
R 23	30	57.60.1682	6K8	MF, 1%, 0204, E24	0	R 434	57.60.1223		22K	MF, 1%, 0204, E24	
		0.1470	47R	MF, 1%, 0204, E24	0	R 435	57.60.1101		100R	MF, 1%, 0204, E24	
R 232 57.60.14			47R	MF, 1%, 0204, E24	0	R 436	57.60.1101		100R	MF, 1%, 0204, E24	
R 233 57.60.1223			22K	MF, 1%, 0204, E24	1	W 1	not used			WIRE WRAP DRAUT D OF L. TO	
			22K	MF, 1%, 0204, E24	1	WW 1	not used			WIRE WRAP DRAHT D .25 L= 70	
		50.1101	100R	MF, 1%, 0204, E24	0	XIC 10	53.03.0165		20p	DIL 0.3", löt, gerade	
		30.1101 30.1692	100R	MF, 1%, 0204, E24	0	XIC 11	53.03.0166		8p	DIL 0.3", löt, gerade	
R 240 57.60.			6K8	MF, 1%, 0204, E24	0	XIC 102	53.03.0166		8p	DIL 0.3", löt, gerade	
		0.1682 0.1682	6K8 6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24	, 0	XIC 103		1 pce	8p	DIL 0.3", löt, gerade	
		57.60.1682 57.60.1682	6K8	MF, 1%, 0204, E24	0	XIC 202	53.03.0166		8p	DIL 0.3", löt, gerade	
R 244 57.60.1			6K8	MF, 1%, 0204, E24	0	XIC 203	53.03.0166	•	8p	DIL 0.3", löt, gerade	
		57.60.1682	6K8	MF, 1%, 0204, E24	0	XIC 302		1 pce	8p	DIL 0.3", löt, gerade	
		57.60.1151	150R	MF, 1%, 0204, E24	. 0	XIC 303		1 pce	8p	DIL 0.3", löt, gerade	
		57.60.1330	33R	MF, 1%, 0204, E24	0	XIC 402		1 pce	8p	DIL 0.3", löt, gerade	
		.60.1682	6K8	MF, 1%, 0204, E24	0	XIC 403	53.03.0166	1 pce	8p	DIL 0.3", löt, gerade	
		7.60.1682	6K8	MF, 1%, 0204, E24	0	XY 1	89.01.1499	1 pce		QUARZ - ISOLIERPLATTE	
		.60.1100	10R	MF, 1%, 0204, E24				-	00 440 415		
		7.60.1473	47K	MF, 1%, 0204, E24	0	Y 1	89.01.1016		22.1184MHz	: XTAL HC 49/U	
		.60.1123	12K	MF, 1%, 0204, E24							
		.60.1123	12K	MF, 1%, 0204, E24					End of Lis	st	-
R 255		57.60.1000	0R0	MF, 0204	Cor	nments					
R 256		57.60.1000	0R0	MF, 0204	(01)	Production :	simplification				
R 257		57.60.1100	10R	MF, 1%, 0204, E24			i; MP11 Revisio	on-label ".	A"->"B"		
R 258		57.60.1472	4K7	MF, 1%, 0204, E24							
R 259		57.60.1472	4K7	MF, 1%, 0204, E24							
R 301		57.60.1682 57.60.1103	6K8	MF, 1%, 0204, E24							
R 302 R 303			10K 6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
R 304		57.60.1682 57.60.1682	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
		57.60.1103	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
R 306		57.60.1103	6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
R 307		57.60.1682	6K8	MF, 1%, 0204, E24							
R 308		57.60.1103	10K	MF, 1%, 0204, E24							
R 309		57.60.1682	6K8	MF, 1%, 0204, E24							
R 310		57.60.1682	6K8	MF, 1%, 0204, E24							
		57.60.1682	6K8	MF, 1%, 0204, E24							
		57.60.1682	6K8	MF, 1%, 0204, E24							
		7.60.1682	6K8	MF, 1%, 0204, E24							
		.1682	6K8	MF, 1%, 0204, E24							
		0.1123	12K	MF, 1%, 0204, E24							
		0.1682	6K8	MF, 1%, 0204, E24							
R 323 57.60.			15K	MF, 1%, 0204, E24							
R 324 57.60.11			100K	MF, 1%, 0204, E24							
R 325 57.60.			20K	MF, 1%, 0204, E24							
	57.6	0.1203	20K	MF, 1%, 0204, E24							
		0.1203	20K	MF, 1%, 0204, E24							
		7.60.1203	20K	MF, 1%, 0204, E24							
R 329		57.60.1682	6K8	MF, 1%, 0204, E24							
		57.60.1682	6K8	MF, 1%, 0204, E24							
		57.60.1470	47R	MF, 1%, 0204, E24							
R 332		57.60.1470 57.60.1223	47R	MF, 1%, 0204, E24							
R 333		57.60.1223 57.60.1223	22K	MF, 1%, 0204, E24							
R 334		57.60.1223 57.60.1101	22K	MF, 1%, 0204, E24							
			100R 100R	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
R 401		57.60.1101 57.60.1682	100R 6K8	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
R 401		57.60.1682	10K	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
R 403		57.60.1682	6K8	MF, 1%, 0204, E24							
R 404		57.60.1682	6K8	MF, 1%, 0204, E24							
R 405		57.60.1103	10K	MF, 1%, 0204, E24							
R 406		57.60.1682	6K8	MF, 1%, 0204, E24							
R 407		57.60.1682	6K8	MF, 1%, 0204, E24							
R 408		57.60.1103	10K	MF, 1%, 0204, E24							
R 409		57.60.1682	6K8	MF, 1%, 0204, E24							
R 410		57.60.1682	6K8	MF, 1%, 0204, E24							
R 411		57.60.1682	6K8	MF, 1%, 0204, E24							
		57.60.1682	6K8	MF, 1%, 0204, E24							
R 413		57.60.1682	6K8	MF, 1%, 0204, E24							
R 419		57.60.1682	6K8	MF, 1%, 0204, E24							
		57.60.1123	12K	MF, 1%, 0204, E24							
		57.60.1682 57.60.1153	6K8	MF, 1%, 0204, E24							
R 423		57.60.1153 57.60.1104	15K 100K	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
R 424		57.60.1104	20K	MF, 1%, 0204, E24 MF, 1%, 0204, E24							
R 426		57.60.1203	20K	MF, 1%, 0204, E24							
R 427		57.60.1203	20K	MF, 1%, 0204, E24							
R 428		57.60.1203	20K	MF, 1%, 0204, E24							
		57.60.1682	6K8	MF, 1%, 0204, E24							
		50.1682	6K8	MF, 1%, 0204, E24							
R 431 57.6		0.1470	47R	MF, 1%, 0204, E24							
		57.00.4.70									
R 432 R 433		57.60.1470 57.60.1223	47R 22K	MF, 1%, 0204, E24 MF, 1%, 0204, E24							