

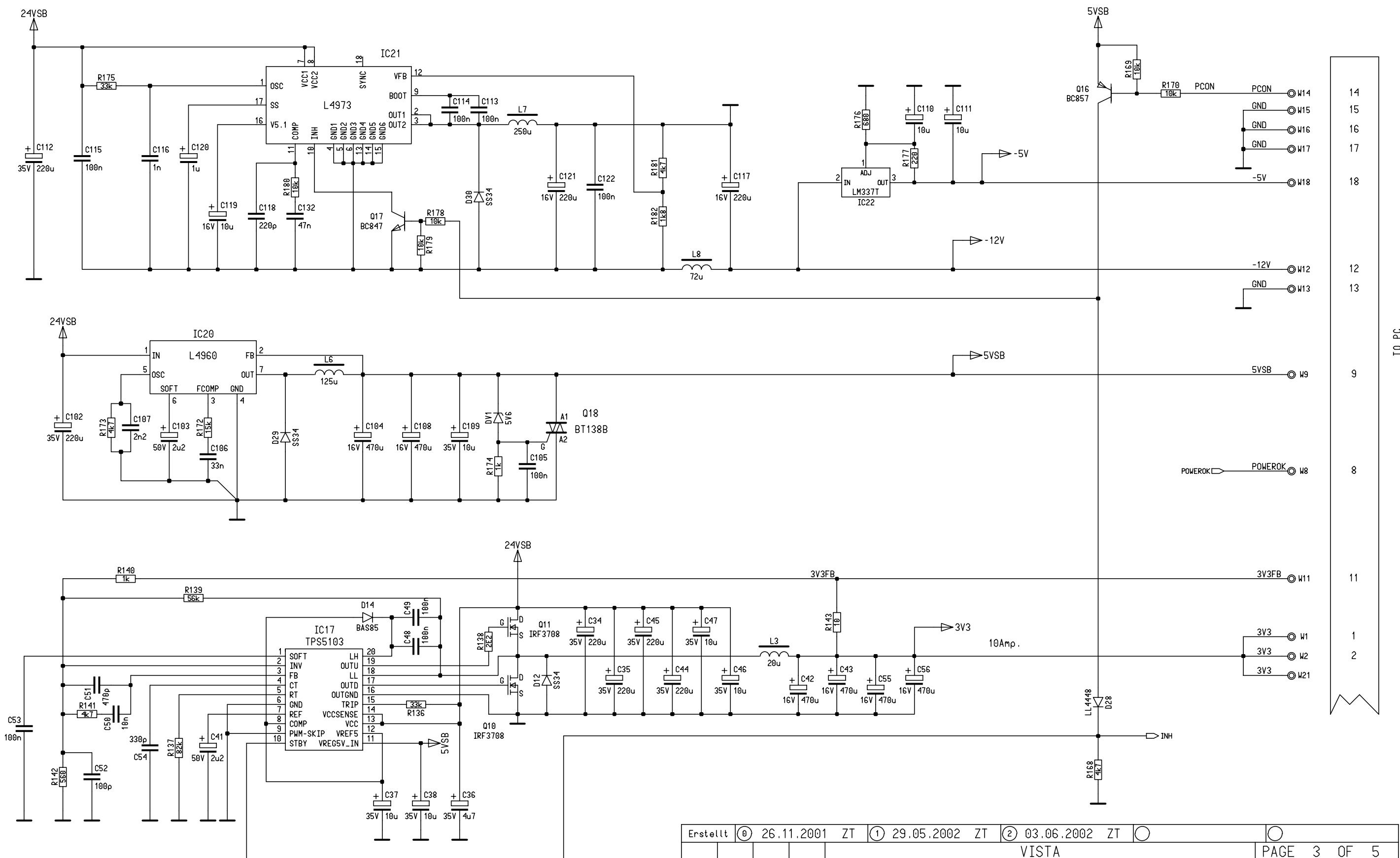
The schematic illustrates a complex power distribution system. It begins with a 230V AC input connected to three transformers (K2, K3, K4) that step down the voltage to 24VDC. This 24VDC is then distributed through several stages of regulation. Two L4960 voltage regulators (IC6 and IC7) are used to generate 9V and 5...15V outputs. Additionally, four LM393 comparators (IC10, IC11, IC12, IC13) are employed to regulate the 12V and 5V outputs. A 5V regulator (IC25) is also included. The circuit is populated with various passive components such as resistors (R1-R19), capacitors (C1-C10), diodes (D1-D8), and transistors (Q1-Q5). A 24V power control section, featuring five more LM393 comparators (IC1-IC5), manages the 24VDC rail based on a 24VON signal. A heatsink (MP6) is provided for thermal management. The document concludes with a title block containing the company name 'STUDER', the project title 'POWER DISTRIBUTION', and a date stamp.

Erstellt	② 26.11.2001	ZT	① 29.05.2002	ZT	② 03.06.2002	ZT	
VISTA							PAGE 1 OF 5
STUDER POWER DISTRIBUTION							SC 1.949.150.00

2 Vista Desk



Power Distribution Board 1.949.150.00 (2)



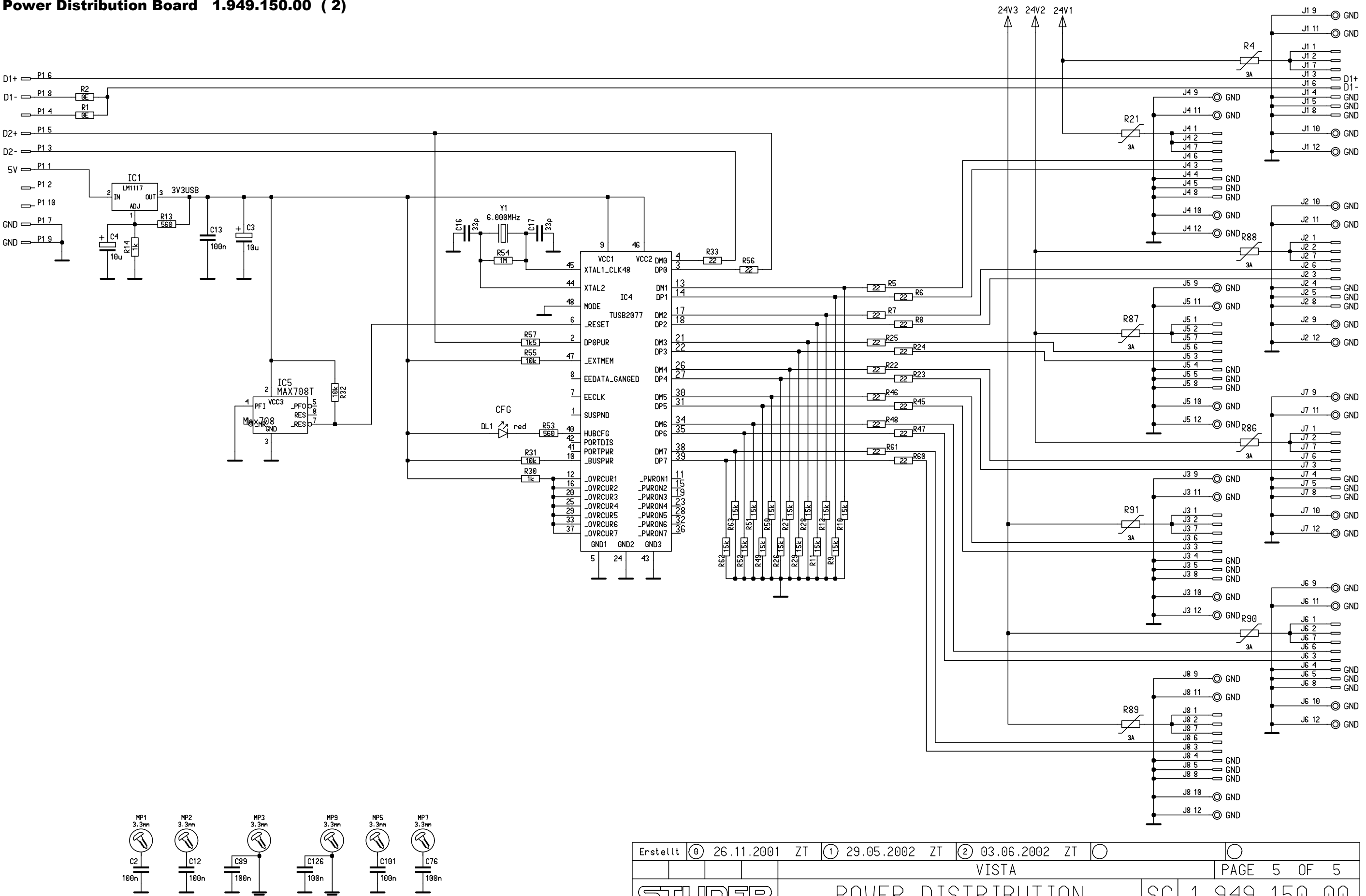
Erstellt	② 26.11.2001	ZT	① 29.05.2002	ZT	② 03.06.2002	ZT	③	④
VISTA								PAGE 3 OF 5
STUDER POWER DISTRIBUTION								SC 1.949.150.00

The schematic diagram illustrates the power distribution system for the SC 1.949.150.00, showing three main sections:

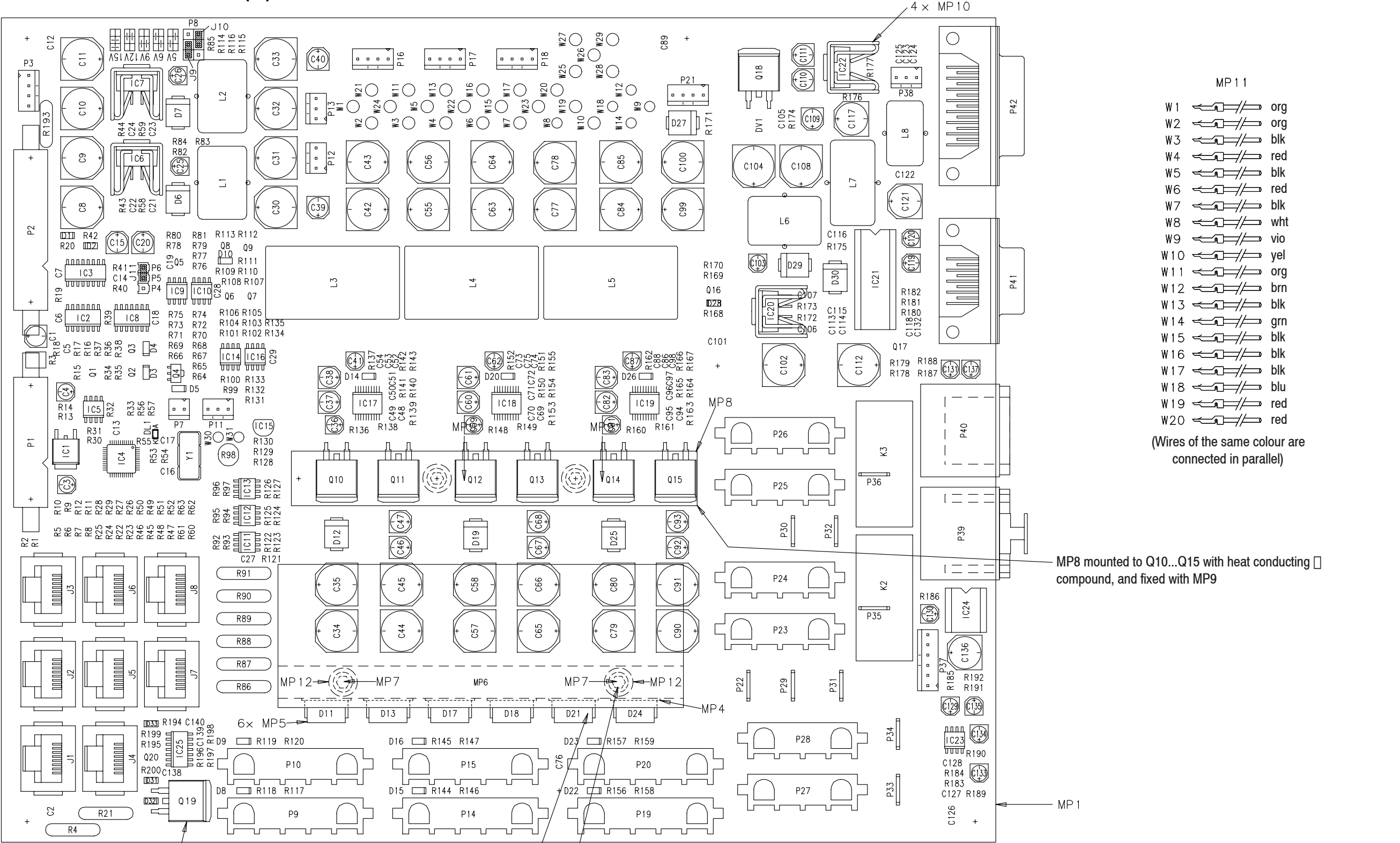
- 5V and 12V Regulators (IC18, IC19):** These sections use TPS5103 regulators to convert 24VSB input to 5V and 12V outputs. The 5V regulator (IC18) provides 15Amp, and the 12V regulator (IC19) provides 8Amp. Both regulators include feedback networks, compensation networks, and output filters.
- 5V and 12V TFT Driver (IC14, IC16):** This section uses LM393 comparators to drive the TFT display. The 5V driver (IC14) and 12V driver (IC16) are configured as voltage followers to provide the required 5V and 12V signals to the TFT.
- 5V and 12V Power Distribution Network (IC15, IC16):** This section uses LM393 comparators to provide the 5V and 12V signals to the power distribution network. The 5V driver (IC15) and 12V driver (IC16) are configured as voltage followers to provide the required 5V and 12V signals to the power distribution network.

The diagram also shows the connection of the power distribution system to the PC and the TFT display. The 5V and 12V signals are provided to the PC and the TFT display through the power distribution network. The 5V and 12V signals are also provided to the TFT display through the TFT driver.

Power Distribution Board 1.949.150.00 (2)



Power Distribution Board 1.949.150.00 (2)



D11, D13, D17, D18, D21, D24 mounted to MP6 using MP4, heat conducting compound, and MP5

MP6 fixed with MP12 and MP7

MP8 mounted to Q10...Q15 with heat conducting compound, and fixed with MP9

MP 1

Accompanying documents: Zugehörige Unterlagen: PL, LL, BV640		General tolerance: Freimasstoleranz:		Scale: Massstab:		Edition Ausgabe 03.06.2002		ZT	ML	HW	②
Substitute for: Ersatz fuer:		1.949.150.00		Index 1		Page: Seite:		1 / 1			
STUDER REGENSDORF		Description: Benennung:		POWER DISTRIBUTION , ESE		Z		Number: Nummer:		1.949.150.00	

Power Distribution Board 1.949.150.00 (2)

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Idx. Pos.	Part No.	Qty.	Type/Val.	Description	Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 C 1	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7	0 C 88	59.60.2361	1 pce	330p	CER 50V, 5%, C0G, 0805
0 C 2	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 89	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 3	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7	0 C 90	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR
0 C 4	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7	0 C 91	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR
0 C 5	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 92	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0 C 6	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 93	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0 C 7	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 94	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 8	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 95	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 9	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 96	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0 C 10	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 97	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0 C 11	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 98	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0 C 12	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 99	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR
0 C 13	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 100	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR
0 C 14	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 101	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 15	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 102	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0 C 16	59.60.2237	1 pce	33p	CER 50V, 5%, C0G, 0603	0 C 103	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7
0 C 17	59.60.2237	1 pce	33p	CER 50V, 5%, C0G, 0603	0 C 104	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0 C 18	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 105	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 106	59.60.3331	1 pce	33n	CER 50V, 10%, X7R, 0805
0 C 20	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 107	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0 C 21	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805	0 C 108	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0 C 22	59.60.3331	1 pce	33n	CER 50V, 10%, X7R, 0805	0 C 109	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0 C 23	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805	0 C 110	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0 C 24	59.60.3331	1 pce	33n	CER 50V, 10%, X7R, 0805	0 C 111	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0 C 25	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 C 112	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0 C 26	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 C 113	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 27	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 114	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 28	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 115	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 29	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 116	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0 C 30	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 117	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7
0 C 31	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 118	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603
0 C 32	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 119	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 33	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 120	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0 C 34	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 C 121	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7
0 C 35	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 C 122	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 36	59.68.0107	1 pce	4u7	EL 35V, 4.0*5.7	0 C 123	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0 C 37	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 124	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0 C 38	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 125	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0 C 39	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 126	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 40	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 127	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0 C 41	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 C 128	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0 C 42	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	0 C 129	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 43	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	0 C 130	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 44	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 C 131	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 45	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 C 132	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0 C 46	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 133	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0 C 47	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 134	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0 C 48	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 135	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 49	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 136	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7
0 C 50	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805	0 C 137	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 51	59.60.2365	1 pce	470p	CER 50V, 5%, C0G, 0805	2 C 138	59.60.3325	10n		CER 50V, 10%, X7R, 0805
0 C 52	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603	2 C 139	59.60.2249	100p		CER 50V, 5%, C0G, 0603
0 C 53	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	2 C 140	59.60.3337	100n		CER 50V, 10%, X7R, 0805
0 C 54	59.60.2361	1 pce	330p	CER 50V, 5%, C0G, 0805	0 D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 55	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	0 D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 56	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	0 D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 57	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 D 4	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 58	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 59	59.68.0107	1 pce	4u7	EL 35V, 4.0*5.7	0 D 6	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 60	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 D 7	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 61	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 62	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 63	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	0 D 10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 64	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	0 D 11	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0 C 65	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 D 12	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 66	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 D 13	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0 C 67	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 D 14	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 C 68	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 D 15	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 69	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 16	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 70	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 17	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0 C 71	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805	0 D 18	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0 C 72	59.60.2363	1 pce	390p	CER 50V, 5%, C0G, 0805	0 D 19	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 73	59.60.2361	1 pce	330p	CER 50V, 5%, C0G, 0805	0 D 20	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 C 74	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603	0 D 21	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0 C 75	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 22	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 76	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 23	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 77	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	0 D 24	50.04.0516	1 pce	USD945	Schottky Rect 16A, 45V
0 C 78	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	0 D 25	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 79	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 D 26	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 C 80	59.68.0317	1 pce	220u	EL 35V, 10 *10.7 lowESR	0 D 27	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 81	59.68.0107	1 pce	4u7	EL 35V, 4.0*5.7	0 D 28	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 82	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 D 29	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 83	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 D 30	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 84	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	2 D 31	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0 C 85	59.68.0275	1 pce	470u	EL 16V, 10 *10.7 lowESR	2 D 32	50.60.8101		BAS85	200mA 30V Schottky SOD 80
0 C 86	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	2 D 33	50.60.8001		4448	200mA 75V 4ns SOD 80
0 C 87	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 DL 1	50.60.9401	1 pce	red	SMD LED superred

Power Distribution Board 1.949.150.00 (2)

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Idx. Pos.	Part No.	Qty.	Type/Val.	Description	Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 DV 1	50.60.9011	1 pce	5V6	5%, 0.2W, SOT 23	0 P 29	54.02.0335	1 pce	1p	PCB-Flachst 6.3*0.8, gerade
0 IC 1	50.61.2003	1 pce	LM1117	Lin Reg 800mA adj	0 P 30	54.02.0335	1 pce	1p	PCB-Flachst 6.3*0.8, gerade
0 IC 2	50.62.1014	1 pce	74HC 14	Hex Schmitt trigger inverter	0 P 31	54.02.0335	1 pce	1p	PCB-Flachst 6.3*0.8, gerade
0 IC 3	50.62.8053	1 pce	HC4053	Tripple 2ch analog mux/demux	0 P 32	54.02.0335	1 pce	1p	PCB-Flachst 6.3*0.8, gerade
0 IC 4	50.63.0208	1 pce	USB2077	7-fach USB hub	0 P 33	54.02.0335	1 pce	1p	PCB-Flachst 6.3*0.8, gerade
0 IC 5	50.63.0207	1 pce	MAX708	Reset generator 3.3V	0 P 34	54.02.0335	1 pce	1p	PCB-Flachst 6.3*0.8, gerade
0 IC 6	50.10.0122	1 pce	L4960	L 4960,	0 P 35	not used	1 pce	1p	PCB-Flachst 6.3*0.8, gerade
0 IC 7	50.10.0122	1 pce	L4960	L 4960,	0 P 36	not used	1 pce	1p	PCB-Flachst 6.3*0.8, gerade
0 IC 8	50.62.1074	1 pce	74HC 74	Dual D-type FF, preset clear	0 P 37	54.12.0706	1 pce	6p	Stecker gerade PCB
0 IC 9	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0 P 38	54.12.0703	1 pce	3p	Stecker gerade PCB
0 IC 10	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0 P 39	54.21.2205	1 pce	3p	XLR PCB Winkel lock
0 IC 11	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0 P 40	54.21.2202	1 pce	3p	XLR PCB Winkel
0 IC 12	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0 P 41	54.13.0071	1 pce	9p	D-Sub, PCB, Winkel
0 IC 13	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0 P 42	54.13.0072	1 pce	15p	D-Sub, PCB, Winkel
0 IC 14	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0 Q 1	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0 IC 15	50.10.0106	1 pce	TL431	Shunt regulator	0 Q 2	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 IC 16	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0 Q 3	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 IC 17	50.61.2004	1 pce	TPS 5103	Sync step down converter	0 Q 4	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0 IC 18	50.61.2004	1 pce	TPS 5103	Sync step down converter	0 Q 5	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 IC 19	50.61.2004	1 pce	TPS 5103	Sync step down converter	0 Q 6	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 IC 20	50.10.0122	1 pce	L4960	L 4960,	0 Q 7	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0 IC 21	50.10.0127	1 pce	4973V3.3	Switching Reg 3.3V 3.5A	0 Q 8	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 IC 22	50.10.0105	1 pce	LM337KC	Series regulator 1.5A ...-37V	0 Q 9	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0 IC 23	50.61.0201	1 pce	TL062	Dual FET Op-Amp	0 Q 10	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 IC 24	50.09.0124	1 pce	2142	Audio balanced line driver	0 Q 11	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
2 IC 25	50.62.1000		74HC 00	Quad 2input NAND	0 Q 12	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 J 1	54.20.1005	1 pce	8p	RJ 45 Modular Jack top entry	0 Q 13	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 J 2	54.20.1005	1 pce	8p	RJ 45 Modular Jack top entry	0 Q 14	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 J 3	54.20.1005	1 pce	8p	RJ 45 Modular Jack top entry	0 Q 15	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 J 4	54.20.1005	1 pce	8p	RJ 45 Modular Jack top entry	0 Q 16	50.60.1001	1 pce	BC857B	PNP 45V 100mA SOT 23
0 J 5	54.20.1005	1 pce	8p	RJ 45 Modular Jack top entry	0 Q 17	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 J 6	54.20.1005	1 pce	8p	RJ 45 Modular Jack top entry	0 Q 18	50.60.7001	1 pce	BT138B	Triac 8A, 600V, SOT 404
0 J 7	54.20.1005	1 pce	8p	RJ 45 Modular Jack top entry	2 Q 19	50.60.2202		IRF3708	PowerMOS N-Ch 30V, 50A
0 J 8	54.20.1005	1 pce	8p	RJ 45 Modular Jack top entry	2 Q 20	50.60.0001		BC847B	NPN 45V 100mA SOT 23
0 J 9	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au	0 R 1	not used	1 pce	0R0	MF, 0204
0 J 10	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au	0 R 2	57.60.1000	1 pce	0R0	MF, 0204
0 J 11	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au	0 R 3	57.92.1820	1 pce	94mA	PTC 60V
0 K 2	56.04.0180	1 pce	2*a	24V 250V 8A Ag/Au	0 R 4	57.92.7057	1 pce	3.0A	PTC 30V
0 K 3	56.04.0180	1 pce	2*a	24V 250V 8A Ag/Au	0 R 5	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 L 1	62.03.0020	1 pce	125uH	2A Toroid Chocke	0 R 6	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 L 2	62.03.0020	1 pce	125uH	2A Toroid Chocke	0 R 7	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 L 3	62.03.0053	1 pce	20uH	20A Toroid Chocke	0 R 8	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 L 4	62.03.0053	1 pce	20uH	20A Toroid Chocke	0 R 9	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 L 5	62.03.0053	1 pce	20uH	20A Toroid Chocke	0 R 10	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 L 6	62.03.0020	1 pce	125uH	2A Toroid Chocke	0 R 11	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 L 7	62.03.0025	1 pce	250uH	2A Toroid Chocke	0 R 12	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 L 8	62.03.0015	1 pce	72uH	2A Toroid Chocke	0 R 13	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
2 MP 1	1.949.150.12			Power Distribution PCB	0 R 14	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 MP 2	1.949.150.10	1 pce		Nr. ETIKETTE 5x20	0 R 15	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD	0 R 16	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
2 MP 4	50.20.0305	6 pcs	TO220	Glimmerscheibe gefettet	0 R 17	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0 MP 5	50.20.3015	6 pcs		Klemm-Feder zu 50203014	0 R 18	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 MP 6	50.20.3014	1 pce	100	Profil-Kühlkörper 35*35	0 R 19	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 MP 7	21.38.0355	2 pcs	M3*8	Z - Schraube KS A2 blank	0 R 20	57.60.1224	1 pce	220k	MF, 1%, 0204, E24
0 MP 8	1.949.150.01	1 pce	F	Kühlkörper	0 R 21	57.92.7057	1 pce	3.0A	PTC 30V
0 MP 9	21.53.9355	2 pcs	M3*8	Z-Schraube Inbus-Ripp Zn gb ch	0 R 22	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 MP 10	50.20.3011	4 pcs		Kühlkörper, TO 220, vertikal	0 R 23	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 MP 11	1.949.150.93	1 pce		LL Power Distribution	0 R 24	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 MP 12	24.16.2030	2 pcs	3.2/6.0	Fächerscheibe Form A	0 R 25	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 P 1	54.14.2051	1 pce	10p	Stecker gerade Au	0 R 26	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 2	54.14.2052	1 pce	16p	Stecker gerade Au	0 R 27	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 3	54.12.0704	1 pce	4p	Stecker gerade PCB	0 R 28	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 4	54.01.0020	1 pce	1p	Pin, 1reihig, gerade	0 R 29	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 5	54.01.0020	1 pce	1p	Pin, 1reihig, gerade	0 R 30	57.69.1073	1 pce	1k0	CF 5% 0603
0 P 6	54.01.0020	1 pce	1p	Pin, 1reihig, gerade	0 R 31	57.69.1097	1 pce	10k	CF 5% 0603
0 P 7	54.12.0702	1 pce	2p	Stecker gerade PCB	0 R 32	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 P 8	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54	0 R 33	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 P 9	54.25.0005	1 pce	5p	Buchse, 16A, vertikal, PCB	0 R 34	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0 P 10	54.25.0005	1 pce	5p	Buchse, 16A, vertikal, PCB	0 R 35	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 P 11	54.12.0703	1 pce	3p	Stecker gerade PCB	0 R 36	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0 P 12	54.12.0703	1 pce	3p	Stecker gerade PCB	0 R 37	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 P 13	54.12.0703	1 pce	3p	Stecker gerade PCB	0 R 38	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 P 14	54.25.0005	1 pce	5p	Buchse, 16A, vertikal, PCB	0 R 39	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 P 15	54.25.0005	1 pce	5p	Buchse, 16A, vertikal, PCB	0 R 40	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 P 16	54.12.0704	1 pce	4p	Stecker gerade PCB	0 R 41	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 P 17	54.12.0704	1 pce	4p	Stecker gerade PCB	0 R 42	57.60.1224	1 pce	220k	MF, 1%, 0204, E24
0 P 18	54.12.0704	1 pce	4p	Stecker gerade PCB	0 R 43	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 19	54.25.0005	1 pce	5p	Buchse, 16A, vertikal, PCB	0 R 44	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 20	54.25.0005	1 pce	5p	Buchse, 16A, vertikal, PCB	0 R 45	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 P 21	54.12.0704	1 pce	4p	Stecker gerade PCB	0 R 46	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 P 22	54.02.0335	1 pce	1p	PCB-Flachst 6.3*0.8, gerade	0 R 47	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 P 23	54.25.0004	1 pce	4p	Buchse, 16A, vertikal, PCB	0 R 48	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 P 24	54.25.0004	1 pce	4p	Buchse, 16A, vertikal, PCB	0 R 49	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 25	54.25.0004	1 pce	4p	Buchse, 16A, vertikal, PCB	0 R 50	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 26	54.25.0004	1 pce	4p	Buchse, 16A, vertikal, PCB	0 R 51	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 27	54.25.0004	1 pce	4p	Buchse, 16A, vertikal, PCB	0 R 52	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 P 28	54.25.0004	1 pce	4p	Buchse, 16A, vertikal, PCB	0 R 53	57.60.1561	1 pce	560R	MF, 1%, 0204, E24

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Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 R 54	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 55	57.69.1097	1 pce	10k	CF 5% 0603
0 R 56	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 R 57	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 58	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 59	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 60	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 R 61	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 R 62	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 63	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 64	not used	1 pce	0R0	MF, 0204
0 R 65	57.60.1334	1 pce	330k	MF, 1%, 0204, E24
0 R 66	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0 R 67	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 68	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0 R 69	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 70	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24
0 R 71	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 72	57.60.1563	1 pce	56k	MF, 1%, 0204, E24
0 R 73	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 74	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0 R 75	not used	1 pce	0R0	MF, 0204
0 R 76	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 77	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 78	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 79	57.60.1394	1 pce	390k	MF, 1%, 0204, E24
0 R 80	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 81	57.60.1394	1 pce	390k	MF, 1%, 0204, E24
0 R 82	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 83	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 R 84	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 85	57.60.1562	1 pce	5k6	MF, 1%, 0204, E24
0 R 86	57.92.7057	1 pce	3.0A	PTC 30V
0 R 87	57.92.7057	1 pce	3.0A	PTC 30V
0 R 88	57.92.7057	1 pce	3.0A	PTC 30V
0 R 89	57.92.7057	1 pce	3.0A	PTC 30V
0 R 90	57.92.7057	1 pce	3.0A	PTC 30V
0 R 91	57.92.7057	1 pce	3.0A	PTC 30V
0 R 92	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 93	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 94	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 95	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 96	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 97	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 98	57.99.0801	1 pce	330k	NTC, 5%
0 R 99	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 100	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 101	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 102	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 103	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 104	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 105	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 106	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 107	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 108	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 109	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 110	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 111	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 112	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 113	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 114	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0 R 115	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 116	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0 R 117	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 118	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0 R 119	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0 R 120	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 121	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 122	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 123	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 124	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 125	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 126	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 127	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 128	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 129	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 130	57.60.1392	1 pce	3k9	MF, 1%, 0204, E24
0 R 131	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0 R 132	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 133	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 134	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 135	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 136	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 137	57.60.1823	1 pce	82k	MF, 1%, 0204, E24
0 R 138	57.60.1229	1 pce	2R2	MF, 1%, 0204, E24
0 R 139	57.60.1563	1 pce	56k	MF, 1%, 0204, E24
0 R 140	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24

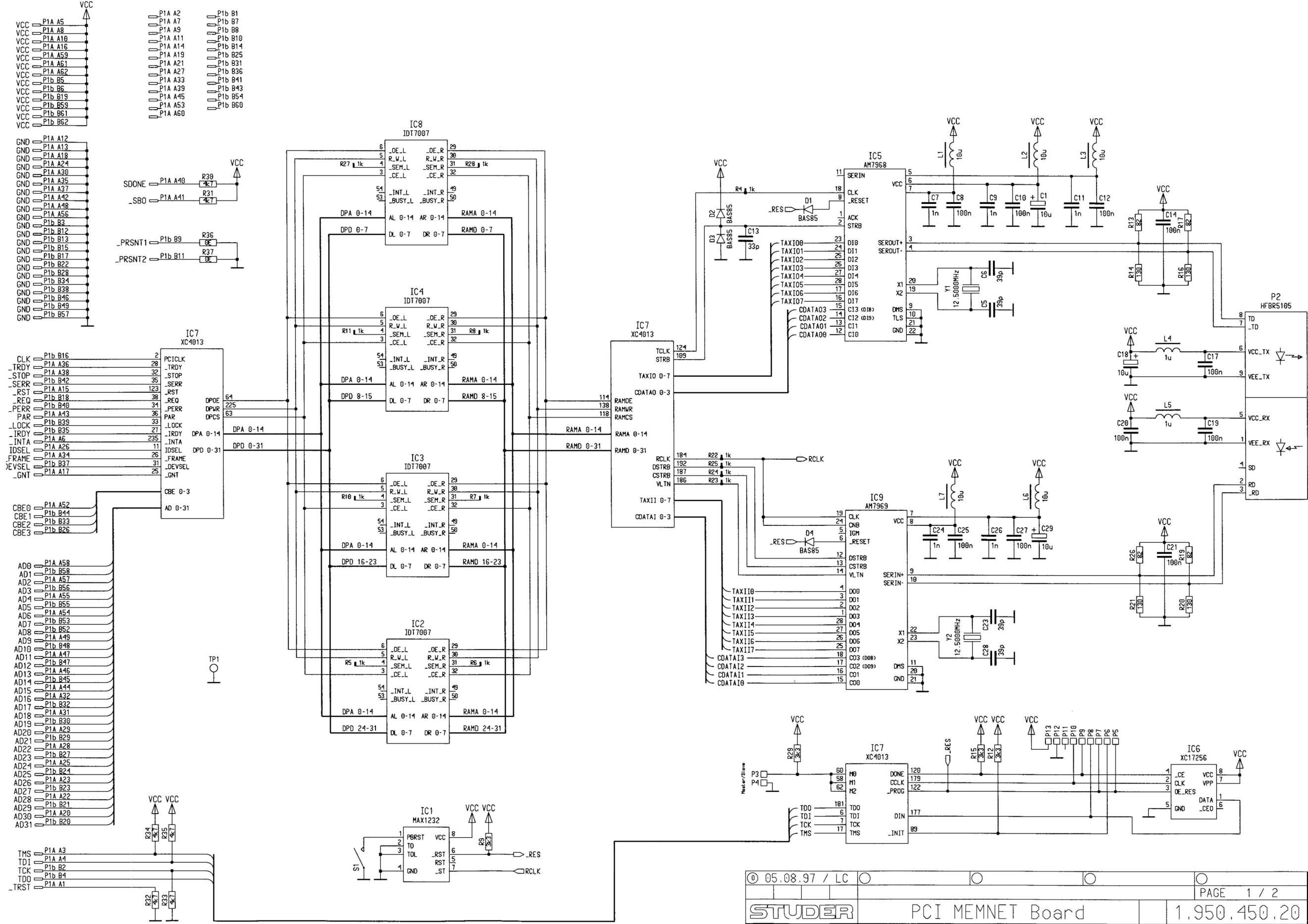
Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 R 141	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 142	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0 R 143	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0 R 144	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0 R 145	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0 R 146	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 147	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 148	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 149	57.60.1229	1 pce	2R2	MF, 1%, 0204, E24
0 R 150	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 151	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 152	57.60.1823	1 pce	82k	MF, 1%, 0204, E24
0 R 153	57.60.1563	1 pce	56k	MF, 1%, 0204, E24
0 R 154	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 155	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0 R 156	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0 R 157	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0 R 158	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 159	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 160	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 161	57.60.1229	1 pce	2R2	MF, 1%, 0204, E24
0 R 162	57.60.1823	1 pce	82k	MF, 1%, 0204, E24
0 R 163	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 164	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 165	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 166	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 167	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 168	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 169	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 170	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 171	not used	1 pce	0R0	MF, 0204
0 R 172	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 173	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 174	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 175	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 176	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 R 177	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 178	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 179	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 180	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 181	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 182	57.60.1182	1 pce	1k8	MF, 1%, 0204, E24
0 R 183	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 184	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 185	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 186	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 187	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 188	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 189	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 190	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 191	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 192	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
1 R 193	57.92.7021	1 pce	0.9A	PTC 60V
2 R 194	57.60.1472		4k7	MF, 1%, 0204, E24
2 R 195	57.60.1472		4k7	MF, 1%, 0204, E24
2 R 196	57.60.1472		4k7	MF, 1%, 0204, E24
2 R 197	57.60.1472		4k7	MF, 1%, 0204, E24
2 R 198	57.60.1472		4k7	MF, 1%, 0204, E24
2 R 199	57.60.1103		10k	MF, 1%, 0204, E24
2 R 200	57.60.1102		1k0	MF, 1%, 0204, E24
0 Y 1	89.60.1011	1 pce	6.000MHz	SMD Quartz

End of List

(01) Added: R193
(02) K1 replaced by FET Q19

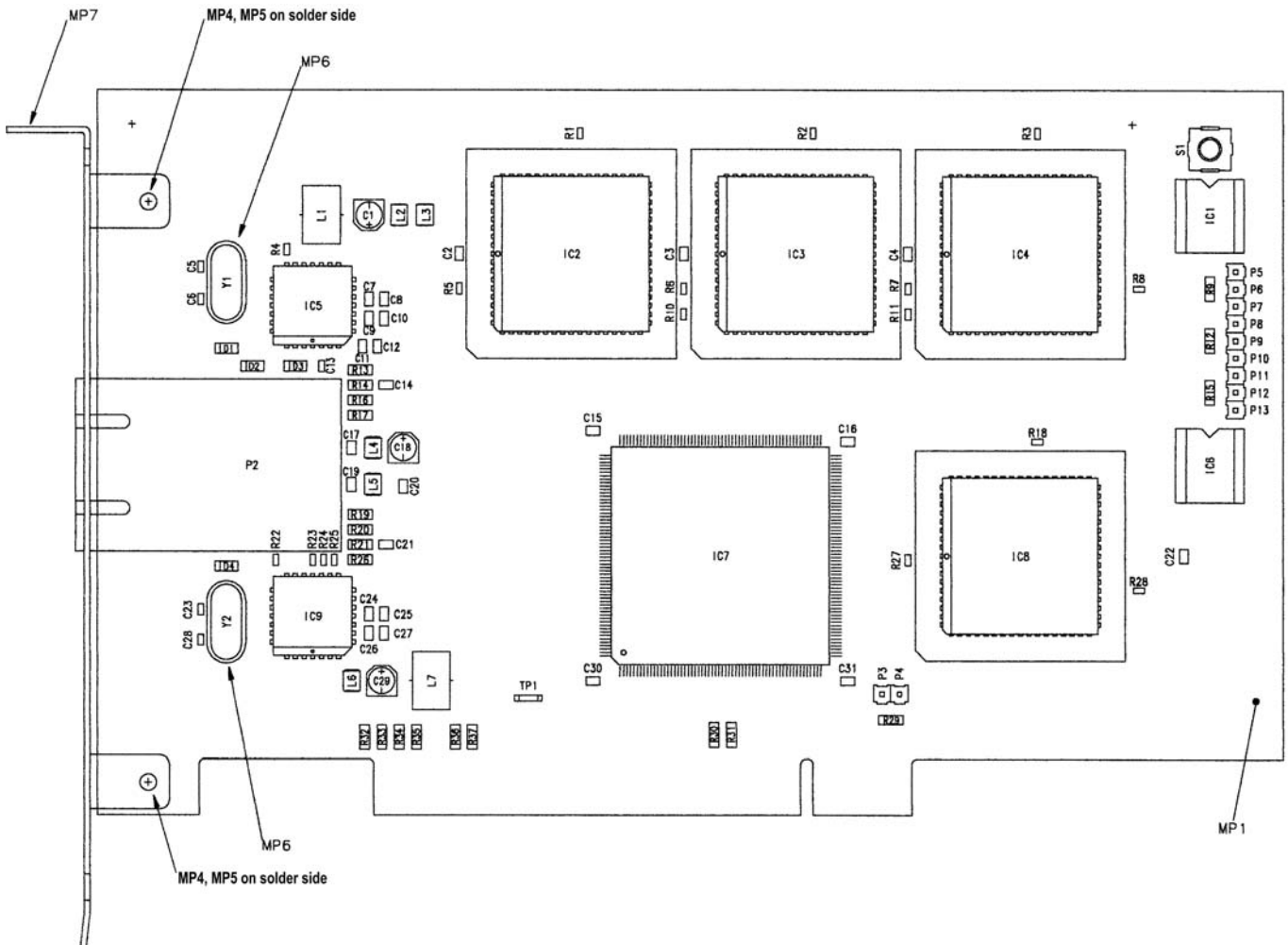
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PCI MEMNET Board 1.950.450.20 (0)



12 Vista Desk



PCI MEMNET Board 1.950.450.20 (0)

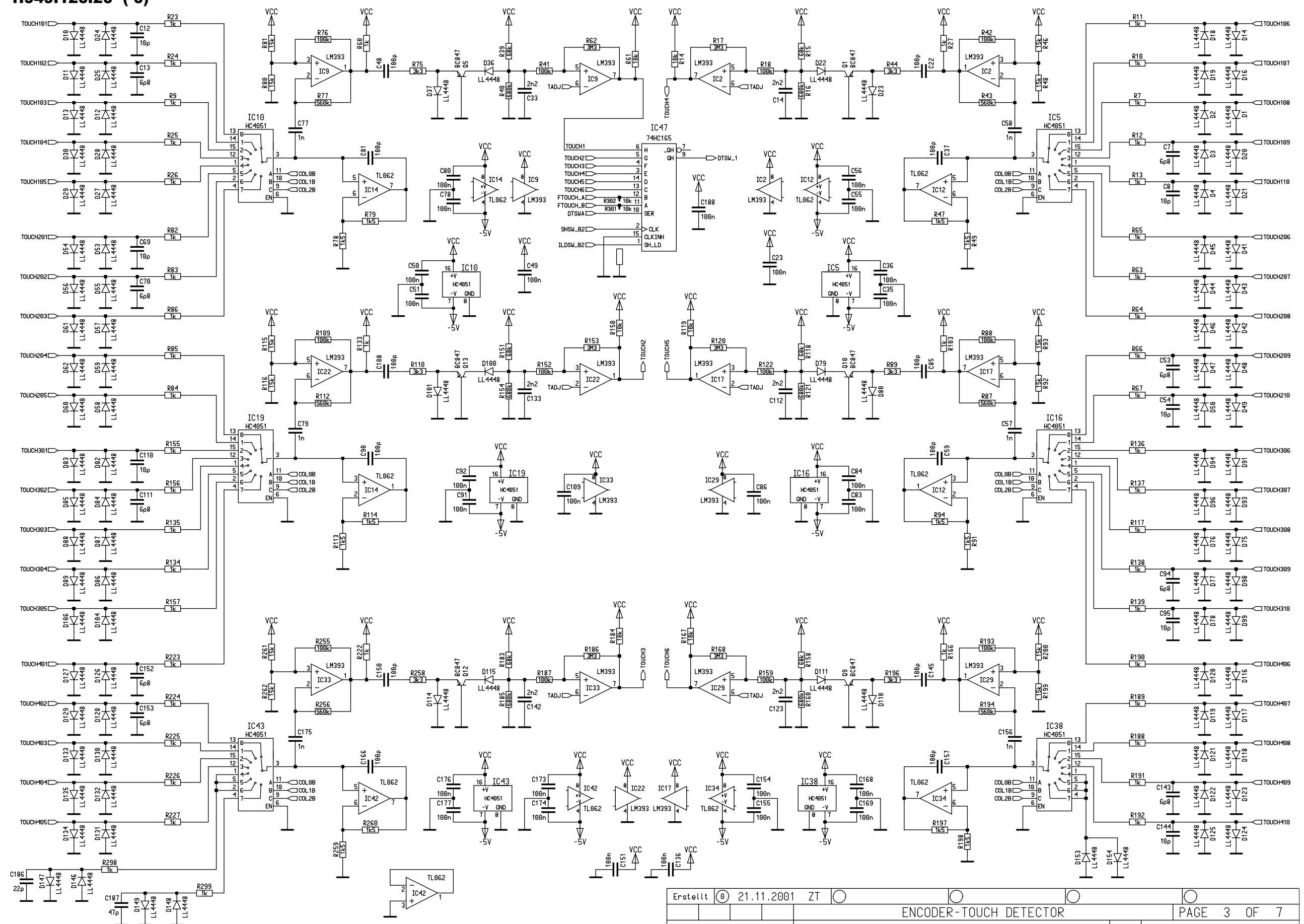
Accompanying documents: Zugehörige Unterlagen: PL	General tolerance: Freimasstoleranz: -	Scale: Maßstab: -	Edition Ausgabe Date Datum 05.08.97	LC					
Substitute for: Ersatz fuer:	Replaced by: Ersetzt durch:		Copy to: Kopie fuer:						
STUDER REGENSDORF	Description: Benennung: PCI MEMNET Board, ESE		Number: Nummer: 1.950.450.20						

PCI MEMNET Board 1.950.450.20 (0)

Page: 1 of 1

Idx. Pos.	Part No.	Qty.	Type/Val.	Description	Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 C 1	59.68.0065	10u		EL 16V, 4.0*5.7	0 R 16	57.60.1131	130R		MF, 1%, 0204, E24
0 C 2	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 17	57.60.1820	82R		MF, 1%, 0204, E24
0 C 3	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 18	57.69.1073	1k0		CF 5% 0603
0 C 4	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 19	57.60.1820	82R		MF, 1%, 0204, E24
0 C 5	59.60.2239	39p		CER 50V, 5%, C0G, 0603	0 R 20	57.60.1131	130R		MF, 1%, 0204, E24
0 C 6	59.60.2239	39p		CER 50V, 5%, C0G, 0603	0 R 21	57.60.1131	130R		MF, 1%, 0204, E24
0 C 7	59.60.2373	1n0		CER 50V, 5%, C0G, 0805	0 R 22	57.69.1073	1k0		CF 5% 0603
0 C 8	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 23	57.69.1073	1k0		CF 5% 0603
0 C 9	59.60.2373	1n0		CER 50V, 5%, C0G, 0805	0 R 24	57.69.1073	1k0		CF 5% 0603
0 C 10	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 25	57.69.1073	1k0		CF 5% 0603
0 C 11	59.60.2373	1n0		CER 50V, 5%, C0G, 0805	0 R 26	57.60.1820	82R		MF, 1%, 0204, E24
0 C 12	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 27	57.69.1073	1k0		CF 5% 0603
0 C 13	59.60.2237	33p		CER 50V, 5%, C0G, 0603	0 R 28	57.69.1073	1k0		CF 5% 0603
0 C 14	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 29	57.60.1332	3k3		MF, 1%, 0204, E24
0 C 15	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 30	57.60.1472	4k7		MF, 1%, 0204, E24
0 C 16	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 31	57.60.1472	4k7		MF, 1%, 0204, E24
0 C 17	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 32	57.60.1472	4k7		MF, 1%, 0204, E24
0 C 18	59.68.0065	10u		EL 16V, 4.0*5.7	0 R 33	57.60.1472	4k7		MF, 1%, 0204, E24
0 C 19	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 34	57.60.1472	4k7		MF, 1%, 0204, E24
0 C 20	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 35	57.60.1472	4k7		MF, 1%, 0204, E24
0 C 21	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 36	57.60.1000	0R0		MF, 0204
0 C 22	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 R 37	57.60.1000	0R0		MF, 0204
0 C 23	59.60.2239	39p		CER 50V, 5%, C0G, 0603	0 S 1	55.60.0201	1's		SMD Tactswitch
0 C 24	59.60.2373	1n0		CER 50V, 5%, C0G, 0805	0 TP 1	not used	1p		PCB-Flachst 2.8*0.8, gerade
0 C 25	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 XIC 2	53.03.2268	68p		PLCC-Socket
0 C 26	59.60.2373	1n0		CER 50V, 5%, C0G, 0805	0 XIC 3	53.03.2268	68p		PLCC-Socket
0 C 27	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 XIC 4	53.03.2268	68p		PLCC-Socket
0 C 28	59.60.2239	39p		CER 50V, 5%, C0G, 0603	0 XIC 6	53.03.0166	8p		DIL 0.3", löt, gerade
0 C 29	59.68.0065	10u		EL 16V, 4.0*5.7	0 XIC 8	53.03.2268	68p		PLCC-Socket
0 C 30	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 Y 1	89.01.1013	12.500MHz		XTAL HC 49/U
0 C 31	59.60.3337	100n		CER 50V, 10%, X7R, 0805	0 Y 2	89.01.1013	12.500MHz		XTAL HC 49/U
0 D 1	50.60.8101	BAS85		200mA 30V Schottky SOD 80	End of List				
0 D 2	50.60.8101	BAS85		200mA 30V Schottky SOD 80					
0 D 3	50.60.8101	BAS85		200mA 30V Schottky SOD 80					
0 D 4	50.60.8101	BAS85		200mA 30V Schottky SOD 80					
0 IC 1	50.11.0159	MAX1232		IC MAX 1232 CPA, DS 1232					
0 IC 2	50.63.1505	7007		Dualport SRAM, 32K*8, 25ns					
0 IC 3	50.63.1505	7007		Dualport SRAM, 32K*8, 25ns					
0 IC 4	50.63.1505	7007		Dualport SRAM, 32K*8, 25ns					
0 IC 5	50.63.0204	AM7968		TAXI Chip Transmitter					
0 IC 6	1.950.906.20			SW 450 PCIMEMNET (50.14.2203)					
0 IC 7	50.63.4004	XC 17 256D							
0 IC 8	50.63.1505	XC4013		LCA 13000 QFP240					
0 IC 9	50.63.0205	7007		Dualport SRAM, 32K*8, 25ns					
0 L 1	62.03.0001	AM7969		TAXI Chip Receiver					
0 L 2	62.60.0113	10uH		1A Toroid Chocke					
0 L 3	62.60.0113	10uH		SMD 10% 1210					
0 L 4	62.60.0101	10uH		SMD 10% 1210					
0 L 5	62.60.0101	1u0		SMD 10% 1210					
0 L 6	62.60.0113	1u0		SMD 10% 1210					
0 L 7	62.03.0001	10uH		1A Toroid Chocke					
0 MP 1	1.950.450.11			PCI MEMNET PCB					
0 MP 2	43.01.0108			ESE-WARNSCHILD					
0 MP 3	1.950.450.04	Label		NR. ETIKETTE 5x20					
0 MP 4	24.16.1030 2 pcs	3.2/5.5		Rippenscheibe					
0 MP 5	21.26.0352 2 pcs	M3*4		Z-Schraube KS Zn gb chrom					
0 MP 6	89.01.1499			QUARZ - ISOLIERPLATTE					
0 MP 7	1.950.450.01			KARTENHALTER PCI					
0 MP 8	1.101.001.20	Label		TEXT-ETIK. 5*20 HARDWARE -20					
0 P 2	89.10.0021	HFBRS103		LWL Transceiver FDDI/MADI					
0 P 3	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 4	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 5	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 6	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 7	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 8	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 9	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 10	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 11	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 12	54.01.0020	1p		Pin, 1reihig, gerade					
0 P 13	54.01.0020	1p		Pin, 1reihig, gerade					
0 R 1	57.69.1073	1k0		CF 5% 0603					
0 R 2	57.69.1073	1k0		CF 5% 0603					
0 R 3	57.69.1073	1k0		CF 5% 0603					
0 R 4	57.69.1073	1k0		CF 5% 0603					
0 R 5	57.69.1073	1k0		CF 5% 0603					
0 R 6	57.69.1073	1k0		CF 5% 0603					
0 R 7	57.69.1073	1k0		CF 5% 0603					
0 R 8	57.69.1073	1k0		CF 5% 0603					
0 R 9	57.60.1332	3k3		MF, 1%, 0204, E24					
0 R 10	57.69.1073	1k0		CF 5% 0603					
0 R 11	57.69.1073	1k0		CF 5% 0603					
0 R 12	57.60.1332	3k3		MF, 1%, 0204, E24					
0 R 13	57.60.1820	82R		MF, 1%, 0204, E24					
0 R 14	57.60.1131	130R		MF, 1%, 0204, E24					
0 R 15	57.60.1332	3k3		MF, 1%, 0204, E24					

Control Board 1.949.120.20 (0)

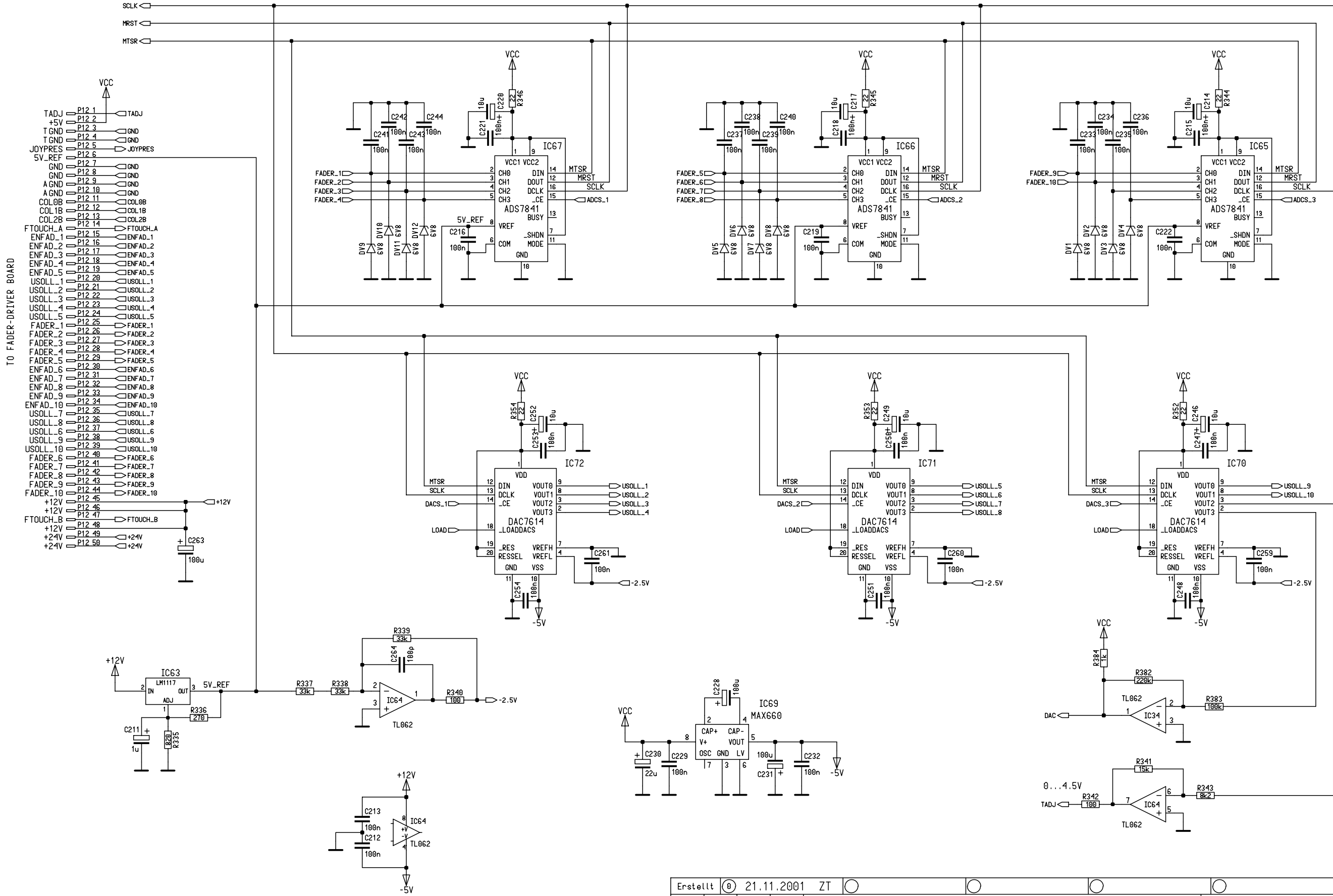


Erstellt	21.11.2001	ZT				
			ENCODER-TOUCH DETECTOR			PAGE 3 OF 7
STUDER		CONTROL BOARD			SC	1.949.120,20

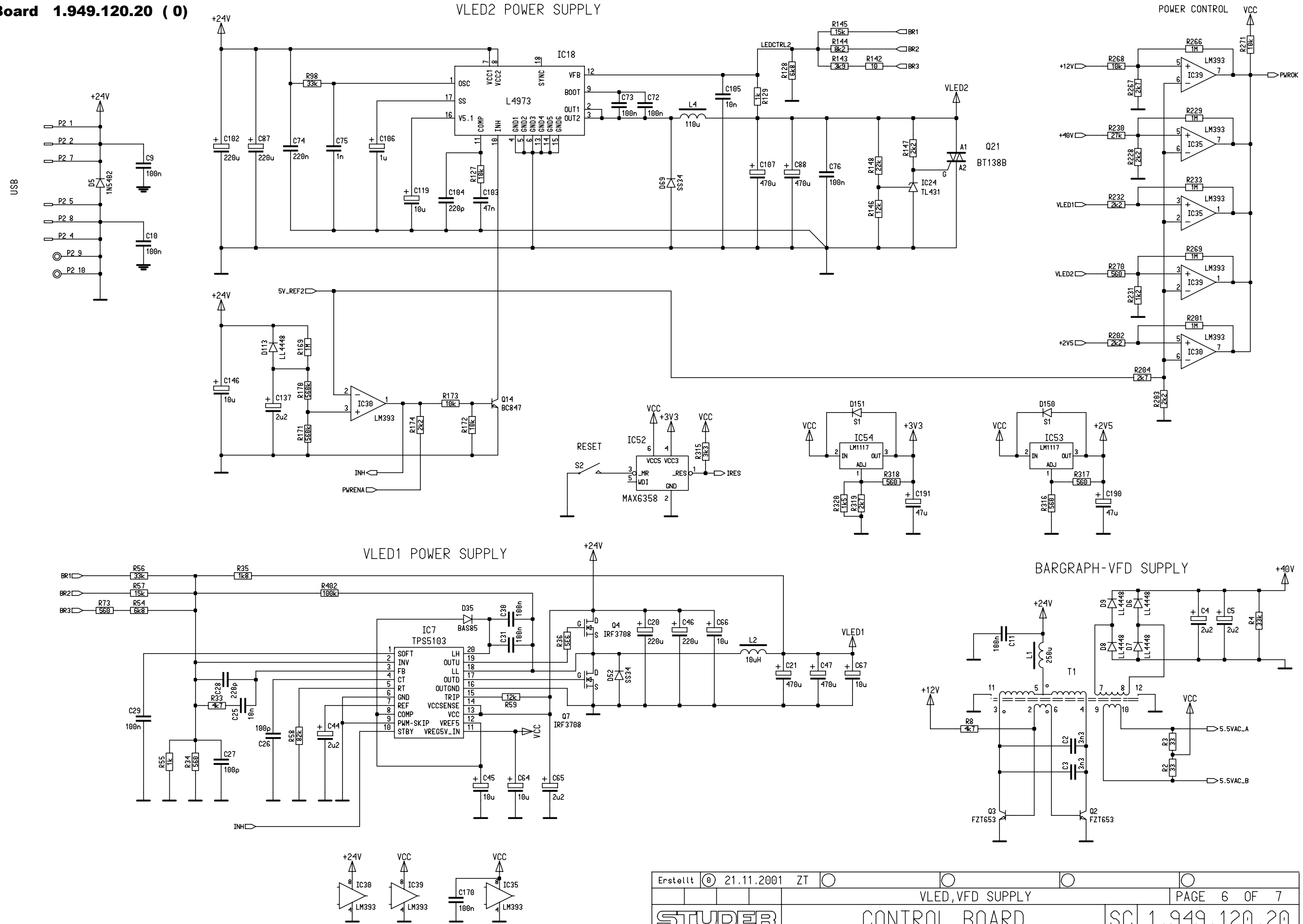
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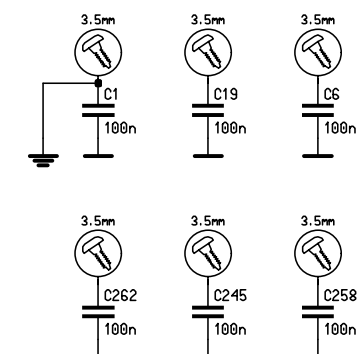
Control Board 1.949.120.20 (0)



Control Board 1.949.120.20 (0)

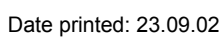


12V POWER SUPPLY



Date printed: 23.09.02

22 Vista Desk



Accompanying documents: Zugehörige Unterlagen: PL, BV640	General tolerance: Freimaßtoleranz:	Scale: Maßstab:	Edition Ausgabe	21.11.2001 Date Datum	ZT Visa Gez.	ML Checked Gepr.	HW Seen Ges.	① Index
Substitute for: Ersatz fuer:			Page: Seite:					
1			1 / 1					
STUDER REGENSDORF	Description: Benennung:		CONTROL BOARD, ESE			Z		
			Number: Nummer:			1.949.120.20		

Control Board 1.949.120.21 (0)

Page: 1 of 6

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.05.2332	1 pce	3n3	PP, 2.5%, 160V
0	C 3	59.05.2332	1 pce	3n3	PP, 2.5%, 160V
0	C 4	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7
0	C 5	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7
0	C 6	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.2221	1 pce	6p8	CER 50V, 5%, C0G, 0603
0	C 8	59.60.2225	1 pce	10p	CER 50V, 5%, C0G, 0603
0	C 9	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.2225	1 pce	10p	CER 50V, 5%, C0G, 0603
0	C 13	59.60.2221	1 pce	6p8	CER 50V, 5%, C0G, 0603
0	C 14	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 15	not used	1 pce	3n3	CER 50V, 10%, X7R, 0805
0	C 16	not used	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 17	not used	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 18	not used	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 20	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 21	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 22	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 23	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 24	not used	1 pce	220u	EL 35V, 10 *10.7
0	C 25	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 27	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 28	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603
0	C 29	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 35	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 36	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 37	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 38	not used	1 pce	10u	EL 35V, 5.0*5.7
0	C 39	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 40	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 41	not used	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 42	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 43	not used	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 44	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7
0	C 45	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 46	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 47	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 48	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 49	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 50	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 51	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 52	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 53	59.60.2221	1 pce	6p8	CER 50V, 5%, C0G, 0603
0	C 54	59.60.2225	1 pce	10p	CER 50V, 5%, C0G, 0603
0	C 55	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 56	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 57	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 58	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 59	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 60	not used	1 pce	470u	EL 16V, 10 *10.7
0	C 61	not used	1 pce	100u	EL 16V, 8.0*6.3
0	C 62	not used	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 63	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 64	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 65	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7
0	C 66	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 67	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 68	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 69	59.60.2225	1 pce	10p	CER 50V, 5%, C0G, 0603
0	C 70	59.60.2221	1 pce	6p8	CER 50V, 5%, C0G, 0603
0	C 71	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7
0	C 72	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 73	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 74	59.60.3441	1 pce	220n	CER 50V, 10%, X7R, 1206
0	C 75	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 76	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 77	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 78	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 79	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 80	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 81	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 82	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 83	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 84	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 85	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0	C 86	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 87	59.68.0117	1 pce	220u	EL 35V, 10 *10.7

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 88	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 89	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 90	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 91	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 92	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 93	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 94	59.60.2221	1 pce	6p8	CER 50V, 5%, COG, 0603
0	C 95	59.60.2225	1 pce	10p	CER 50V, 5%, COG, 0603
0	C 96	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 97	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 98	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 99	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 100	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 101	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 102	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 103	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 104	59.60.2257	1 pce	220p	CER 50V, 5%, COG, 0603
0	C 105	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 106	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0	C 107	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 108	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 109	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 110	59.60.2225	1 pce	10p	CER 50V, 5%, COG, 0603
0	C 111	59.60.2221	1 pce	6p8	CER 50V, 5%, COG, 0603
0	C 112	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 113	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 114	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7
0	C 115	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 116	59.60.2257	1 pce	220p	CER 50V, 5%, COG, 0603
0	C 117	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 118	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 119	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 120	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 121	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 122	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 123	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 124	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 125	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 126	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7
0	C 127	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 128	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 129	59.60.2237	1 pce	33p	CER 50V, 5%, COG, 0603
0	C 130	59.60.2237	1 pce	33p	CER 50V, 5%, COG, 0603
0	C 131	59.60.2237	1 pce	33p	CER 50V, 5%, COG, 0603
0	C 132	59.60.2237	1 pce	33p	CER 50V, 5%, COG, 0603
0	C 133	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 134	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 135	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 136	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 137	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7
0	C 138	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 139	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 140	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 141	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 142	59.60.3317	1 pce	2n2	CER 50V, 10%, X7R, 0805
0	C 143	59.60.2221	1 pce	6p8	CER 50V, 5%, COG, 0603
0	C 144	59.60.2225	1 pce	10p	CER 50V, 5%, COG, 0603
0	C 145	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 146	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0	C 147	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 148	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 149	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 150	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 151	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 152	59.60.2221	1 pce	6p8	CER 50V, 5%, COG, 0603
0	C 153	59.60.2221	1 pce	6p8	CER 50V, 5%, COG, 0603
0	C 154	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 155	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 156	59.60.2373	1 pce	1n0	CER 50V, 5%, COG, 0805
0	C 157	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 158	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 159	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 160	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 161	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 162	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 163	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 164	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 165	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 166	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 167	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 168	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 169	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 170	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	C 172	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 173	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 174	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 175	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 176	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 177	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 178	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 179	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 180	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 181	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 182	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 183	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 184	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 185	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 186	59.60.2233	1 pce	22p	CER 50V, 5%, C0G, 0603
0	C 187	59.60.2241	1 pce	47p	CER 50V, 5%, C0G, 0603
0	C 188	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 189	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 190	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 191	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 192	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 193	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 194	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 195	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 196	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 197	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 198	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 199	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0	C 200	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 201	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603
0	C 202	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0	C 203	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 204	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 205	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 206	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 207	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 208	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 209	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0	C 210	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0	C 211	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0	C 212	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 213	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 214	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 215	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 216	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 217	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 218	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 219	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 220	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 221	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 222	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 223	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0	C 224	59.60.3441	1 pce	220n	CER 50V, 10%, X7R, 1206
0	C 225	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 226	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 227	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 228	59.68.0071	1 pce	100u	EL 16V, 8.0*6.3
0	C 229	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 230	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 231	59.68.0071	1 pce	100u	EL 16V, 8.0*6.3
0	C 232	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 233	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 234	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 235	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 236	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 237	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 238	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 239	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 240	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 241	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 242	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 243	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 244	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 245	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 246	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 247	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 248	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 249	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 250	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 251	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 252	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0	C 253	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 254	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 255	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 256	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 257	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 258	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 259	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 260	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 261	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 262	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 263	59.68.0071	1 pce	100u	EL 16V, 8.0*6.3
0	C 264	59.60.2249	1 pce	100p	CER 50V, 5%, COG, 0603
0	C 265	59.60.3325		10n	CER 50V, 10%, X7R, 0805
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 5	50.04.0507	1 pce	1N5402	D 1 N 5402,
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 11	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 12	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 13	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 14	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 15	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 16	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 17	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 18	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 19	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 20	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 21	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 22	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 23	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 24	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 25	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 26	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 27	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 28	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 29	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 30	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 31	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 32	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 33	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 34	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 35	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0	D 36	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 37	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 38	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 39	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 40	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 41	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 42	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 43	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 44	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 45	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 46	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 47	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 48	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 49	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 50	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 51	not used	1 pce	SS34	3A 40V Schottky
0	D 52	50.60.8102	1 pce	SS34	3A 40V Schottky
0	D 53	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 54	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 55	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 56	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 57	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 58	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 59	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 60	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 61	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 62	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 63	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 64	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 65	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 66	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 67	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 68	not used	1 pce	SS34	3A 40V Schottky
0	D 69	50.60.8102	1 pce	SS34	3A 40V Schottky
0	D 70	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 71	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 72	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 73	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 74	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 75	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 76	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 77	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 78	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 79	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 80	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 81	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0	D 82	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 83	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80

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Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 D 84	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 85	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 86	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 87	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 88	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 89	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 90	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 91	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 92	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 93	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 94	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 95	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 96	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 97	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 98	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 99	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 100	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 101	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 102	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 103	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 104	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 105	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 106	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 107	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 108	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 109	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 110	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 111	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 112	50.60.8102	1 pce	SS34	3A 40V Schottky
0 D 113	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 114	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 115	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 116	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 117	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 118	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 119	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 120	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 121	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 122	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 123	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 124	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 125	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 126	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 127	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 128	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 129	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 130	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 131	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 132	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 133	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 134	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 135	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 136	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 137	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 138	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 139	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 140	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 141	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 142	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 143	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 144	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 145	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 146	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 147	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 148	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 149	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 150	50.60.8003	1 pce	S1B	1000mA 100V DO 214AC
0 D 151	50.60.8003	1 pce	S1B	1000mA 100V DO 214AC
0 D 152	50.60.8102	1 pce	SS34	3A 40V Schottky
0 D 153	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 154	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 D 155	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 156	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 157	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 158	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 159	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 160	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 161	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 162	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 163	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 164	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 165	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 166	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 167	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 168	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 169	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 D 170	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80

Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 D 171	not used		BAS85	200mA 30V Schottky SOD 80
0 DL 1	50.60.9402	1 pce	yel	SMD LED yellow
0 DV 1	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 2	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 3	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 4	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 5	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 6	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 7	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 8	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 9	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 10	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 11	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 DV 12	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23
0 IC 1	50.62.3245	1 pce	74HCT245	Octal bus transceiver
0 IC 2	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 3	not used	1 pce	3843	IC IP 3843 N
0 IC 4	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 5	50.62.1951	1 pce	74HC4051	8ch analog mux/demux
0 IC 6	not used	1 pce	LM358	Op-Amp single supply
0 IC 7	50.61.2004	1 pce	TPS 5103	Sync step down converter
0 IC 8	50.62.3245	1 pce	74HCT245	Octal bus transceiver
0 IC 9	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 10	50.62.1951	1 pce	74HC4051	8ch analog mux/demux
0 IC 11	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 12	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 IC 13	50.62.3245	1 pce	74HCT245	Octal bus transceiver
0 IC 14	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 IC 15	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 16	50.62.1951	1 pce	74HC4051	8ch analog mux/demux
0 IC 17	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 18	50.10.0127	1 pce	4973V3.3	Switching Reg 3.3V 3.5A
0 IC 19	50.62.1951	1 pce	74HC4051	8ch analog mux/demux
0 IC 20	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 21	50.62.3245	1 pce	74HCT245	Octal bus transceiver
0 IC 22	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 23	50.61.2004	1 pce	TPS 5103	Sync step down converter
0 IC 24	50.10.0106	1 pce	TL431	Shunt regulator
0 IC 25	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 26	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 27	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 28	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 29	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 30	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 31	50.62.1904	1 pce	74HC04	Hex inverter unbuffered
0 IC 32	50.63.4212	1 pce	EP1K10	PLD 10 000 gates
0 IC 33	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 34	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 IC 35	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 36	50.63.0101	1 pce	C161U	MCU 16bit
0 IC 37	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 38	50.62.1951	1 pce	74HC4051	8ch analog mux/demux
0 IC 39	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 IC 40	50.63.4212	1 pce	EP1K10	PLD 10 000 gates
0 IC 41	not used	1 pce	EPC1	EPLD Config ROM
0 IC 42	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 IC 43	50.62.1951	1 pce	74HC4051	8ch analog mux/demux
0 IC 44	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 45	50.65.0974	1 pce	LVC16374	16bit Latch
0 IC 46	not used	1 pce	EPC1	EPLD Config ROM
0 IC 47	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 48	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 49	50.65.0138	1 pce	LVC138	3 to 8 line decoder
0 IC 50	50.65.0138	1 pce	LVC138	3 to 8 line decoder
0 IC 51	50.65.0138	1 pce	LVC138	3 to 8 line decoder
0 IC 52	50.63.2002	1 pce	MAX6358	Dual volt. uP supervisor
0 IC 53	50.61.2003	1 pce	LM1117	Lin Reg 800mA adj
0 IC 54	50.61.2003	1 pce	LM1117	Lin Reg 800mA adj
0 IC 55	50.65.0945	1 pce	LVC16245	16bit Bus-transceiver
0 IC 56	50.65.0974	1 pce	LVC16374	16bit Latch
0 IC 57	50.65.0974	1 pce	LVC16374	16bit Latch
0 IC 58	not used	1 pce	551001	SRAM 128K*8, 100ns
0 IC 59	not used	1 pce	551001	SRAM 128K*8, 100ns
0 IC 60	1.949.950.20			SW120 low (50.63.1301)
0 IC 61	1.949.951.20			SW120 high (50.63.1301)
0 IC 62	50.10.0127	1 pce	4973V3.3	Switching Reg 3.3V 3.5A
0 IC 63	50.61.2003	1 pce	LM1117	Lin Reg 800mA adj
0 IC 64	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 IC 65	50.61.8106	1 pce	ADS7841	4*/A/D Converter 12bit SO 16
0 IC 66	50.61.8106	1 pce	ADS7841	4*/A/D Converter 12bit SO 16
0 IC 67	50.61.8106	1 pce	ADS7841	4*/A/D Converter 12bit SO 16
0 IC 68	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 69	50.10.0124	1 pce	MAX660	V-Converter ... +5.5V to -5.5V
0 IC 70	50.61.8006	1 pce	DAC7614	4*/D/A Converter 12bit SO 20
0 IC 71	50.61.8006	1 pce	DAC7614	4*/D/A Converter 12bit SO 20
0 IC 72	50.61.8006	1 pce	DAC7614	4*/D/A Converter 12bit SO 20
0 IC 73	50.62.1165	1 pce	74HC165	8bit shift register

Control Board 1.949.120.21 (0)

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Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 IC 74	50.62.1165	1 pce	74HC165	8bit shift register
0 IC 75	50.62.1595	1 pce	74HC595	8bit shift/output register
0 IC 76	50.10.0106	1 pce	TL431	Shunt regulator
0 J 1	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0 J 2	54.01.0021	1 pce	Jumper	0.63*0.63mm, Au
0 L 1	62.03.0005	1 pce	250uH	1A Toroid Chocke
0 L 2	62.60.0510	1 pce	10uH	SMD 6.5A 8860
0 L 3	not used	1 pce	72uH	2A Toroid Chocke
0 L 4	62.03.0030	1 pce	110uH	3A Toroid Chocke
0 L 5	62.60.0510	1 pce	10uH	SMD 6.5A 8860
0 L 6	62.03.0020	1 pce	125uH	2A Toroid Chocke
0 MP 1	1.949.120.12			Control Board PCB
0 MP 2	1.949.120.10	1 pce		NR. ETIKETTE 5x20
0 MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0 P 1	54.99.0258	1 pce	11p	Stecker für SamsungTFTDisplay
0 P 2	54.20.1001	1 pce	8p	RJ 45 Modular Jack side entry
0 P 3	54.14.2054	1 pce	40p	Stecker gerade Au
0 P 4	54.14.2054	1 pce	40p	Stecker gerade Au
0 P 5	54.14.2057	1 pce	20p	Stecker gerade Au
0 P 6	54.12.0704	1 pce	4p	Stecker gerade PCB
0 P 7	54.12.0704	1 pce	4p	Stecker gerade PCB
0 P 8	not used	1 pce	16p	1/20" Au, gerade, ohne Verrieg
0 P 9	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 10	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54
0 P 11	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 12	54.14.2015	1 pce	50p	Winkelstecker Au
0 P 13	54.14.2017	1 pce	20p	Winkelstecker Au
0 P 14	54.14.2102	1 pce	16p	1/20" Au, gerade, Verrieg
0 P 101	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 102	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 201	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 202	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 301	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 302	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 401	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 P 402	54.10.3543	1 pce	23p	Stecker Flex-PCB top-contact
0 Q 1	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 2	50.60.0150	1 pce	FZT653	NPN 100V 2.0A SOT 223
0 Q 3	50.60.0150	1 pce	FZT653	NPN 100V 2.0A SOT 223
0 Q 4	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 Q 5	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 6	not used	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 Q 7	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 Q 8	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 Q 9	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 10	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 11	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A
0 Q 12	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 13	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 14	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 15	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 16	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 17	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 18	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 19	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 20	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0 Q 21	50.60.7001	1 pce	BT138B	Triac 8A, 600V, SOT 404
0 Q 22	50.60.7001	1 pce	BT138B	Triac 8A, 600V, SOT 404
0 R 1	57.60.1000	1 pce	OR0	MF, 0204
0 R 2	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 3	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 4	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 7	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 8	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 9	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 10	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 11	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 12	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 13	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 14	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 15	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0 R 16	57.60.1684	1 pce	680k	MF, 1%, 0204, E24
0 R 17	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0 R 18	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 19	not used	1 pce	22R	MF, 1%, 0204, E24
0 R 20	not used	1 pce	150k	MF, 1%, 0204, E24
0 R 21	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 22	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 23	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 24	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 25	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 26	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 27	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 28	not used	1 pce	1R	MF, 1%, 0204, E24
0 R 29	not used	1 pce	1k0	MF, 1%, 0204, E24
0 R 30	not used	1 pce	10R	MF, 1%, 0204, E24
0 R 31	not used	1 pce	1R	MF, 1%, 0204, E24

Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 R 32	not used	1 pce	10k	MF, 1%, 0204, E24
0 R 33	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 34	not used	1 pce	560R	MF, 1%, 0204, E24
0 R 35	57.60.1182	1 pce	1k8	MF, 1%, 0204, E24
0 R 36	57.60.1569	1 pce	5R6	MF, 1%, 0204, E24
0 R 37	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 38	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 39	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0 R 40	57.60.1684	1 pce	680k	MF, 1%, 0204, E24
0 R 41	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 42	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 43	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0 R 44	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 46	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 47	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 48	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 49	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 50	not used	1 pce	33k	MF, 1%, 0204, E24
0 R 51	not used	1 pce	33k	MF, 1%, 0204, E24
0 R 52	not used	1 pce	33k	MF, 1%, 0204, E24
0 R 53	not used	1 pce	33k	MF, 1%, 0204, E24
0 R 54	57.60.1682	1 pce	6k8	MF, 1%, 0204, E24
0 R 55	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 56	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 57	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 58	57.60.1823	1 pce	82k	MF, 1%, 0204, E24
0 R 59	57.60.1123	1 pce	12k	MF, 1%, 0204, E24
0 R 60	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 61	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 62	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0 R 63	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 64	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 65	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 66	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 67	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 68	not used	1 pce	22R	MF, 1%, 0204, E24
0 R 69	not used	1 pce	3k9	MF, 1%, 0204, E24
0 R 70	not used	1 pce	47k	MF, 1%, 0204, E24
0 R 71	not used	1 pce	1k0	MF, 1%, 0204, E24
0 R 72	not used	1 pce	33k	MF, 1%, 0204, E24
0 R 73	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0 R 75	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 76	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 77	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0 R 78	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 79	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 80	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 81	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 82	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 83	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 84	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 85	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 86	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 87	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0 R 88	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 89	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 91	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 92	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 93	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 94	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 95	57.60.1000	1 pce	OR0	MF, 0204
0 R 96	57.60.1000	1 pce	OR0	MF, 0204
0 R 97	57.60.1000	1 pce	OR0	MF, 0204
0 R 98	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 99	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 100	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 101	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 102	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 103	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 104	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 105	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 106	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 107	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 108	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 109	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 110	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 112	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0 R 113	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 114	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 115	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 116	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 117	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 118	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0 R 119	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 120	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0 R 121	57.60.1684	1 pce	680k	MF, 1%, 0204, E24
0 R 122	57.60.1104	1 pce	100k	MF, 1%, 0204, E24

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 123	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 124	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	R 125	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 126	57.60.1569	1 pce	5R6	MF, 1%, 0204, E24
0	R 127	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 128	57.60.1682	1 pce	6k8	MF, 1%, 0204, E24
0	R 129	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 130	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 131	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 132	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 133	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 134	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 135	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 136	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 137	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 138	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 139	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 140	57.60.1563	1 pce	56k	MF, 1%, 0204, E24
0	R 141	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	R 142	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	R 143	57.60.1392	1 pce	3k9	MF, 1%, 0204, E24
0	R 144	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	R 145	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 146	57.60.1123	1 pce	12k	MF, 1%, 0204, E24
0	R 147	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 148	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 149	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 150	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 151	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	R 152	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 153	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0	R 154	57.60.1684	1 pce	680k	MF, 1%, 0204, E24
0	R 155	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 156	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 157	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 158	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	R 159	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 160	57.60.1684	1 pce	680k	MF, 1%, 0204, E24
0	R 161	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 162	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 163	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 164	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 165	57.69.1097	1 pce	10k	CF 5% 0603
0	R 166	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 167	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 168	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0	R 169	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 170	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0	R 171	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0	R 172	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 173	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 174	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 176	not used	1 pce	100R	MF, 1%, 0204, E24
0	R 177	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 178	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 179	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 180	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 181	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 182	57.69.1097	1 pce	10k	CF 5% 0603
0	R 183	57.60.1683	1 pce	68k	MF, 1%, 0204, E24
0	R 184	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 185	57.60.1684	1 pce	680k	MF, 1%, 0204, E24
0	R 186	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0	R 187	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 188	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 189	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 190	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 191	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 192	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 193	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 194	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0	R 196	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 197	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 198	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 199	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 200	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 201	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 202	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 203	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 204	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0	R 205	not used	1 pce	56R	MF, 1%, 0204, E24
0	R 206	57.69.1097	1 pce	10k	CF 5% 0603
0	R 207	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 208	not used	1 pce	33R	MF, 1%, 0204, E24
0	R 209	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 210	57.69.1097	1 pce	10k	CF 5% 0603
0	R 211	57.69.1097	1 pce	10k	CF 5% 0603

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 212	57.69.1097	1 pce	10k	CF 5% 0603
0	R 213	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	R 214	57.69.1097	1 pce	10k	CF 5% 0603
0	R 215	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 216	57.69.1097	1 pce	10k	CF 5% 0603
0	R 217	57.69.1097	1 pce	10k	CF 5% 0603
0	R 218	57.69.1097	1 pce	10k	CF 5% 0603
0	R 219	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 220	57.69.1097	1 pce	10k	CF 5% 0603
0	R 221	57.69.1097	1 pce	10k	CF 5% 0603
0	R 222	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 223	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 224	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 225	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 226	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 227	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 228	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 229	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 230	57.60.1273	1 pce	27k	MF, 1%, 0204, E24
0	R 231	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24
0	R 232	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 233	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 234	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 235	57.69.1097	1 pce	10k	CF 5% 0603
0	R 236	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 237	57.69.1097	1 pce	10k	CF 5% 0603
0	R 238	57.69.1097	1 pce	10k	CF 5% 0603
0	R 239	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 240	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 241	57.69.1097	1 pce	10k	CF 5% 0603
0	R 242	57.69.1097	1 pce	10k	CF 5% 0603
0	R 243	57.69.1097	1 pce	10k	CF 5% 0603
0	R 244	57.69.1097	1 pce	10k	CF 5% 0603
0	R 245	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 246	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 247	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 248	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 249	not used	1 pce	0R0	MF, 0204
0	R 250	57.69.1097	1 pce	10k	CF 5% 0603
0	R 251	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 252	57.69.1097	1 pce	10k	CF 5% 0603
0	R 253	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 254	57.69.1097	1 pce	10k	CF 5% 0603
0	R 255	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 256	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0	R 258	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 259	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 260	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 261	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 262	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 263	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 264	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 265	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 266	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 267	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0	R 268	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 269	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 270	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	R 271	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 272	57.69.1097	1 pce	10k	CF 5% 0603
0	R 273	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 274	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 275	57.69.1073	1 pce	1k0	CF 5% 0603
0	R 276	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 277	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 278	57.69.1097	1 pce	10k	CF 5% 0603
0	R 279	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 280	57.69.1097	1 pce	10k	CF 5% 0603
0	R 281	57.60.1000	1 pce	0R0	MF, 0204
0	R 282	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 283	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 284	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 285	57.60.1000	1 pce	0R0	MF, 0204
0	R 286	57.60.1000	1 pce	0R0	MF, 0204
0	R 287	57.60.1000	1 pce	0R0	MF, 0204
0	R 288	not used	1 pce	8k2	MF, 1%, 0204, E24
0	R 289	not used	1 pce	8k2	MF, 1%, 0204, E24
0	R 290	not used	1 pce	8k2	MF, 1%, 0204, E24
0	R 291	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	R 292	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	R 293	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	R 294	57.60.1000	1 pce	0R0	MF, 0204
0	R 295	57.60.1000	1 pce	0R0	MF, 0204
0	R 296	57.60.1000	1 pce	0R0	MF, 0204
0	R 297	not used	1 pce	0R0	MF, 0204
0	R 298	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 299	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24

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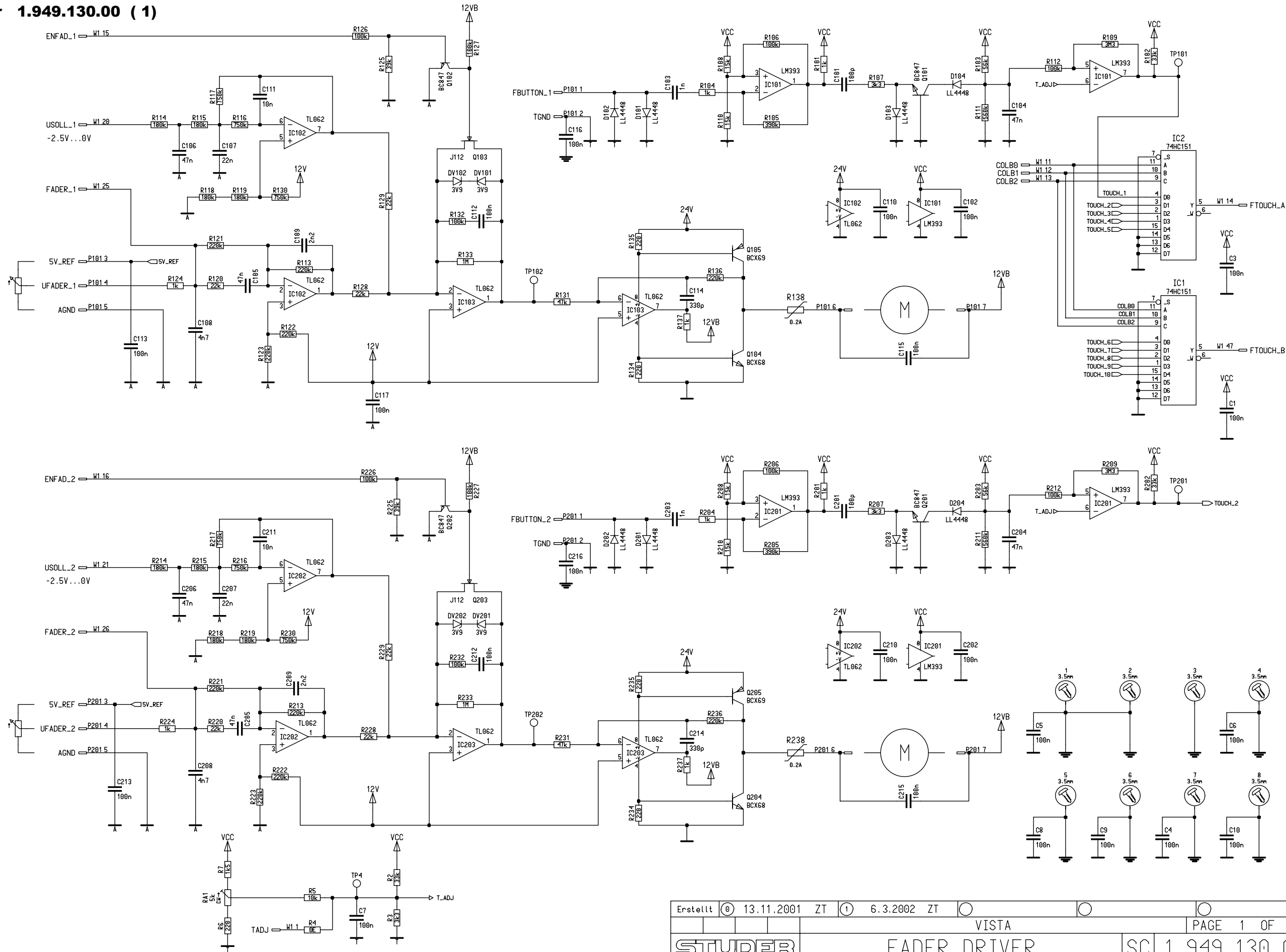
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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 300	57.60.1000	1 pce	0R0	MF, 0204
0	R 301	57.69.1097	1 pce	10k	CF 5% 0603
0	R 302	57.69.1097	1 pce	10k	CF 5% 0603
0	R 303	57.69.1097	1 pce	10k	CF 5% 0603
0	R 304	57.69.1097	1 pce	10k	CF 5% 0603
0	R 305	57.69.1097	1 pce	10k	CF 5% 0603
0	R 306	57.69.1097	1 pce	10k	CF 5% 0603
0	R 307	57.69.1097	1 pce	10k	CF 5% 0603
0	R 308	57.69.1097	1 pce	10k	CF 5% 0603
0	R 309	57.69.1097	1 pce	10k	CF 5% 0603
0	R 310	57.69.1097	1 pce	10k	CF 5% 0603
0	R 311	57.69.1097	1 pce	10k	CF 5% 0603
0	R 312	57.69.1097	1 pce	10k	CF 5% 0603
0	R 313	57.69.1097	1 pce	10k	CF 5% 0603
0	R 314	57.69.1097	1 pce	10k	CF 5% 0603
0	R 315	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 316	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	R 317	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	R 318	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	R 319	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0	R 320	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 321	57.69.1097	1 pce	10k	CF 5% 0603
0	R 322	57.69.1097	1 pce	10k	CF 5% 0603
0	R 323	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 324	57.69.1097	1 pce	10k	CF 5% 0603
0	R 325	57.69.1097	1 pce	10k	CF 5% 0603
0	R 326	57.69.1097	1 pce	10k	CF 5% 0603
0	R 327	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 328	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24
0	R 329	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24
0	R 330	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 331	57.69.1097	1 pce	10k	CF 5% 0603
0	R 332	57.69.1097	1 pce	10k	CF 5% 0603
0	R 333	57.69.1097	1 pce	10k	CF 5% 0603
0	R 334	57.69.1097	1 pce	10k	CF 5% 0603
0	R 335	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0	R 336	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 337	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 338	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 339	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 340	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 341	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 342	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 343	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	R 344	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 345	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 346	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 347	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 348	57.69.1121	1 pce	100k	CF 5% 0603
0	R 349	57.69.1121	1 pce	100k	CF 5% 0603
0	R 350	57.69.1121	1 pce	100k	CF 5% 0603
0	R 351	57.69.1121	1 pce	100k	CF 5% 0603
0	R 352	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 353	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 354	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 355	57.69.1121	1 pce	100k	CF 5% 0603
0	R 356	57.69.1121	1 pce	100k	CF 5% 0603
0	R 357	57.69.1121	1 pce	100k	CF 5% 0603
0	R 358	57.69.1121	1 pce	100k	CF 5% 0603
0	R 359	57.69.1121	1 pce	100k	CF 5% 0603
0	R 360	57.69.1121	1 pce	100k	CF 5% 0603
0	R 361	57.69.1121	1 pce	100k	CF 5% 0603
0	R 362	57.69.1121	1 pce	100k	CF 5% 0603
0	R 363	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 364	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	R 365	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	R 366	57.69.1121	1 pce	100k	CF 5% 0603
0	R 367	57.69.1121	1 pce	100k	CF 5% 0603
0	R 368	57.69.1121	1 pce	100k	CF 5% 0603
0	R 369	57.69.1121	1 pce	100k	CF 5% 0603
0	R 370	57.69.1121	1 pce	100k	CF 5% 0603
0	R 371	57.69.1121	1 pce	100k	CF 5% 0603
0	R 372	57.69.1121	1 pce	100k	CF 5% 0603
0	R 373	57.69.1121	1 pce	100k	CF 5% 0603
0	R 374	57.69.1121	1 pce	100k	CF 5% 0603
0	R 375	57.69.1121	1 pce	100k	CF 5% 0603
0	R 376	57.69.1121	1 pce	100k	CF 5% 0603
0	R 377	57.69.1121	1 pce	100k	CF 5% 0603
0	R 379	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	R 380	57.60.1000	1 pce	0R0	MF, 0204
0	R 381	57.60.1000	1 pce	0R0	MF, 0204
0	R 382	57.60.1224	1 pce	220k	MF, 1%, 0204, E24
0	R 383	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 384	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 385	57.69.1097	1 pce	10k	CF 5% 0603
0	R 386	57.69.1097	1 pce	10k	CF 5% 0603
0	R 387	57.69.1097	1 pce	10k	CF 5% 0603

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 388	57.69.1097	1 pce	10k	CF 5% 0603
0	R 389	57.69.1097	1 pce	10k	CF 5% 0603
0	R 390	57.69.1097	1 pce	10k	CF 5% 0603
0	R 391	not used	1 pce	10k	CF 5% 0603
0	R 392	57.69.1097	1 pce	10k	CF 5% 0603
0	R 393	57.69.1097	1 pce	10k	CF 5% 0603
0	R 394	57.69.1097	1 pce	10k	CF 5% 0603
0	R 395	57.69.1097	1 pce	10k	CF 5% 0603
0	R 396	57.69.1097	1 pce	10k	CF 5% 0603
0	R 397	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 398	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	R 399	not used	1 pce	1R	MF, 1%, 0204, E24
0	R 400	not used	1 pce	1R	MF, 1%, 0204, E24
0	R 401	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 402	not used	1 pce	100k	MF, 1%, 0204, E24
0	R 403	not used	1 pce	100k	MF, 1%, 0204, E24
0	R 404	57.69.1097	1 pce	10k	CF 5% 0603
0	R 405	not used	1 pce	0R0	MF, 0204
0	R 406	not used	1 pce	0R0	MF, 0204
0	R 407	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	S 1	55.12.1131	1 pce	N=16	Dreh-Codierschalter
0	S 2	55.60.0201	1 pce	1*s	SMD Tactswitch
0	T 1	1.022.661.00	1 pce		Trafo VFD
0	T 2	not used	1 pce		
0	XIC 60	53.03.2232	1 pce	32p	PLCC-Socket
0	XIC 61	53.03.2232	1 pce	32p	PLCC-Socket
0	Y 1	89.60.1010	1 pce	8.000MHz	SMD Quartz
0	Y 2	89.60.1008	1 pce	3.6864MHz	SMD Quartz

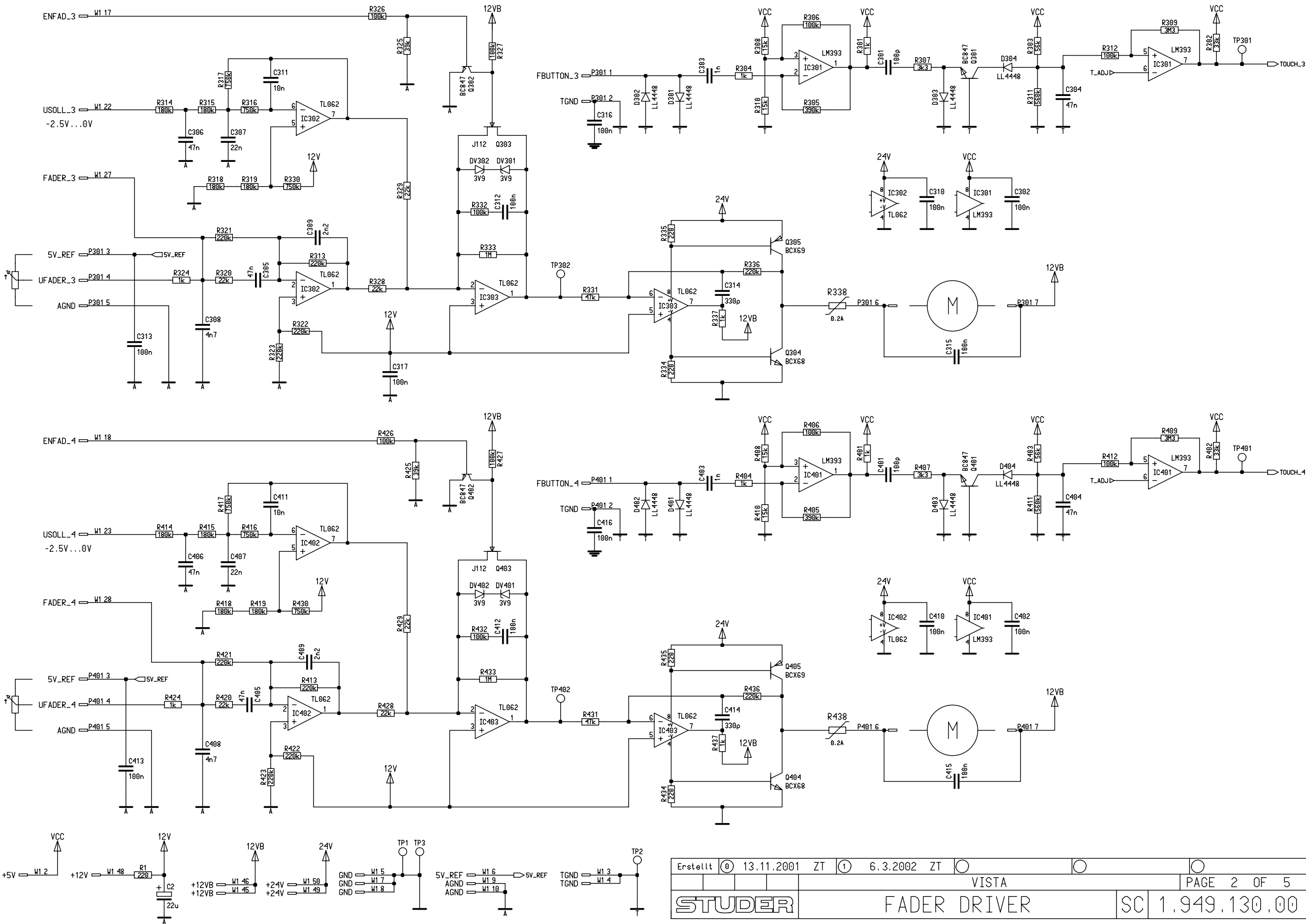
End of List

Fader Driver 1.949.130.00 (1)



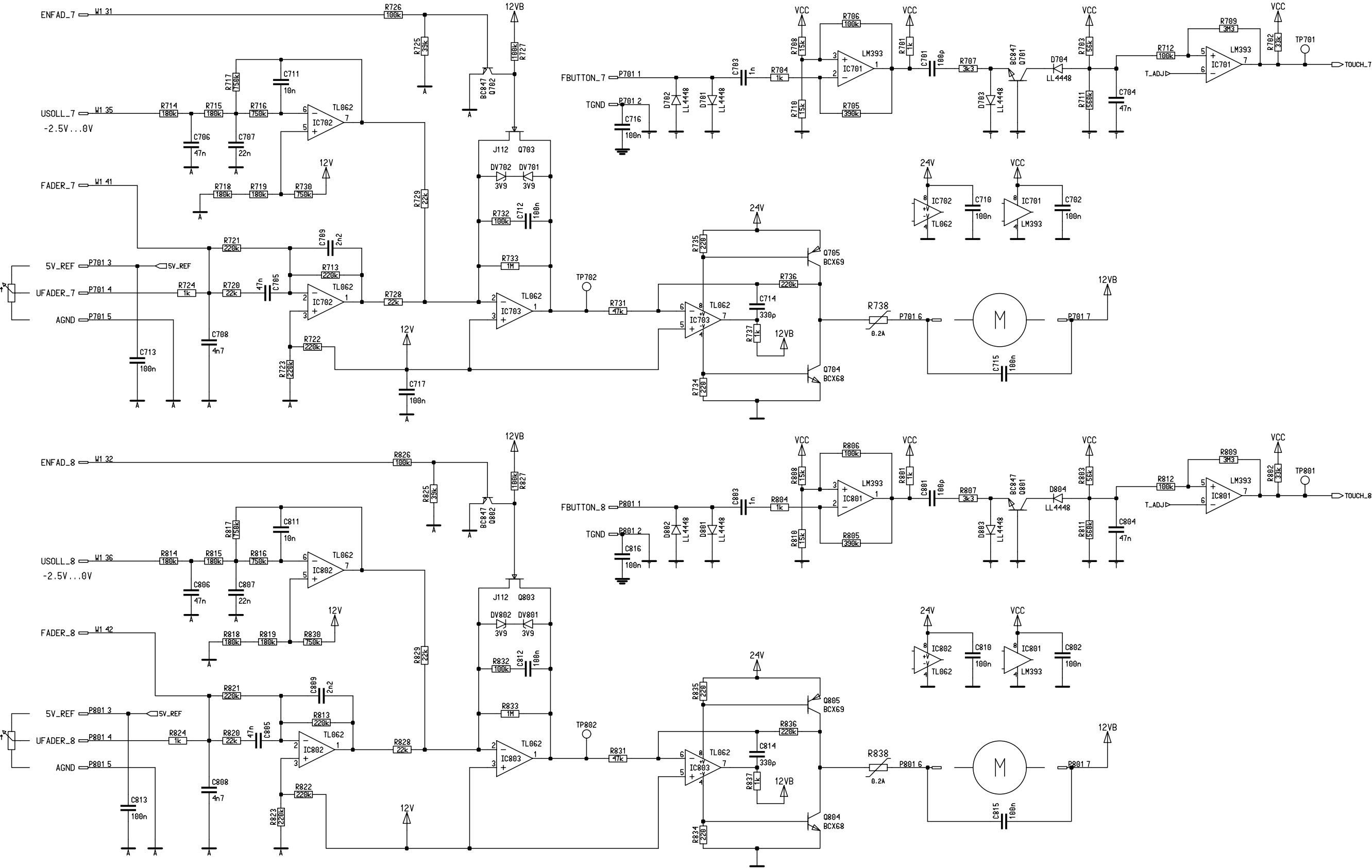
Erstellt	0	13.11.2001	ZT	1	6.3.2002	ZT			
				VISTA					PAGE 1 OF 5
STUDER				FADER DRIVER				SC	1.949.130.00

Fader Driver 1.949.130.00 (1)



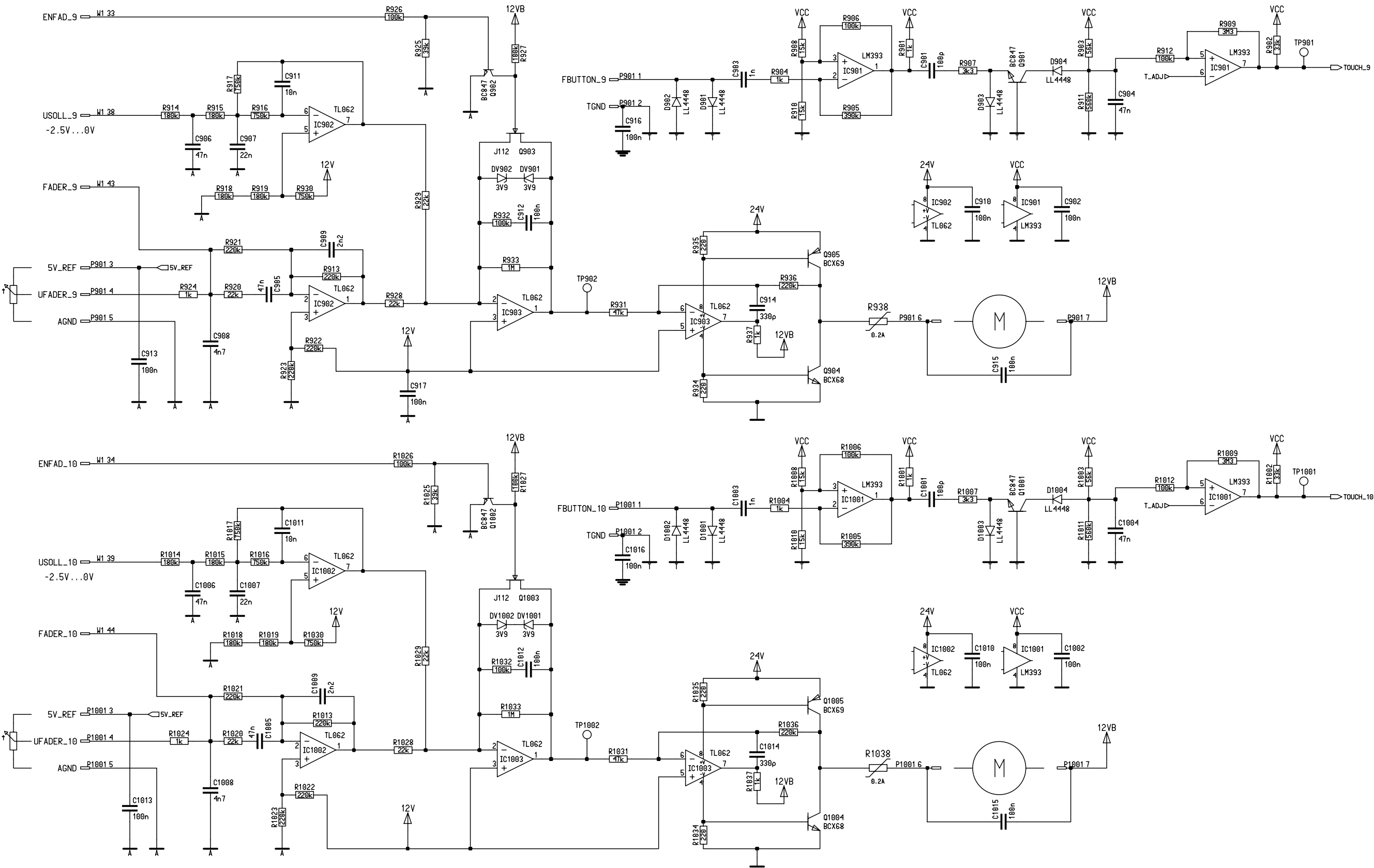
Erstellt	⑨	13.11.2001	ZT	①	6.3.2002	ZT	○	○	○
				VISTA					PAGE 3 OF 5
STUDER			FADER DRIVER					SC	1.949.130,00

Fader Driver 1.949.130.00 (1)



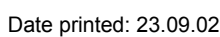
Erstellt	13.11.2001	ZT	1	6.3.2002	ZT			
VISTA								PAGE 4 OF 5
STUDER								SC 1.949.130.00

Fader Driver 1.949.130.00 (0)



Erstellt	0	13.11.2001	ZT	1	6.3.2002	ZT			
							VISTA	PAGE 5 OF 5	
STUDER							FADER DRIVER	SC 1.949.130.00	

34 Vista Desk



Accompanying documents: Zugehörige Unterlagen: PL		General tolerance: Freimasstoleranz: .	Scale: Masstab: .	Edition Ausgabe 13.11.2001	Date Datum 13.11.2001	ZT Visa Gez.	ML Checked Gepr.	HW Seen Ges.	 Index
Substitute for: Ersatz fuer:				Page: Seite: 1 / 1					
STUDER REGENSDORF		Description: Benennung: FADER DRIVER, ESE		Z	Number: Nummer: 1.949.130.00				

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Idx. Pos.		Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 2	59.68.0067 1 pce	22u		EL 16V, 5.0*5.7
0	C 3	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 4	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 101	59.60.2249 1 pce	100p		CER 50V, 5%, COG, 0603
0	C 102	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 103	59.60.2373 1 pce	1n0		CER 50V, 5%, COG, 0805
0	C 104	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 105	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 106	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 107	59.60.3329 1 pce	22n		CER 50V, 10%, X7R, 0805
0	C 108	59.60.3321 1 pce	4n7		CER 50V, 10%, X7R, 0805
0	C 109	59.60.3317 1 pce	2n2		CER 50V, 10%, X7R, 0805
0	C 110	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 111	59.60.3325 1 pce	10n		CER 50V, 10%, X7R, 0805
0	C 112	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 113	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 114	59.60.2361 1 pce	330p		CER 50V, 5%, COG, 0805
0	C 115	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 116	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 117	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 201	59.60.2249 1 pce	100p		CER 50V, 5%, COG, 0603
0	C 202	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 203	59.60.2373 1 pce	1n0		CER 50V, 5%, COG, 0805
0	C 204	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 205	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 206	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 207	59.60.3329 1 pce	22n		CER 50V, 10%, X7R, 0805
0	C 208	59.60.3321 1 pce	4n7		CER 50V, 10%, X7R, 0805
0	C 209	59.60.3317 1 pce	2n2		CER 50V, 10%, X7R, 0805
0	C 210	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 211	59.60.3325 1 pce	10n		CER 50V, 10%, X7R, 0805
0	C 212	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 213	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 214	59.60.2361 1 pce	330p		CER 50V, 5%, COG, 0805
0	C 215	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 216	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 301	59.60.2249 1 pce	100p		CER 50V, 5%, COG, 0603
0	C 302	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 303	59.60.2373 1 pce	1n0		CER 50V, 5%, COG, 0805
0	C 304	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 305	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 306	59.60.3333 1 pce	47n		CER 50V, 10%, X7R, 0805
0	C 307	59.60.3329 1 pce	22n		CER 50V, 10%, X7R, 0805
0	C 308	59.60.3321 1 pce	4n7		CER 50V, 10%, X7R, 0805
0	C 309	59.60.3317 1 pce	2n2		CER 50V, 10%, X7R, 0805
0	C 310	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 0805
0	C 311	59.60.3325 1 pce	10n		CER 50V, 10%, X7R, 0805
0	C 312	59.60.3337 1 pce	100n		CER 50V, 10%, X7R, 080

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1016	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	D 101	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 102	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 103	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 104	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 201	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 202	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 203	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 204	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 301	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 302	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 303	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 304	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 401	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 402	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 403	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 404	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 501	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 502	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 503	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 504	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 601	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 602	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 603	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 604	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 701	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 702	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 703	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 704	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 801	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 802	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 803	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 804	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 901	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 902	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 903	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 904	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 1001	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 1002	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 1003	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 1004	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DV 101	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 102	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 201	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 202	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 301	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 302	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 401	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 402	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 501	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 502	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 601	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 602	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 701	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 702	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 801	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 802	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 901	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 902	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 100	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	DV 100	50.60.9007	1 pce	3V9	5%, 0.2W, SOT 23
0	IC 1	50.62.1151	1 pce	74HC151	8 channel multiplexer
0	IC 2	50.62.1151	1 pce	74HC151	8 channel multiplexer
0	IC 101	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 102	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 103	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 201	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 202	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 203	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 301	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 302	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 303	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 401	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 402	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 403	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 501	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 502	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 503	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 601	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 602	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 603	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 701	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 702	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 703	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 801	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 802	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 803	50.61.0201	1 pce	TL062	Dual FET Op-Amp

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 901	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 902	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 903	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 100	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0	IC 100	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0	IC 100	50.61.0201	1 pce	TL062	Dual FET Op-Amp
1	MP 1	1.949.130.12			Fader Driver PCB
0	MP 2	1.949.130.10	1 pce		NR. ETIKETTE 5x20
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNschild
0	P 101	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 201	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 301	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 401	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 501	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 601	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 701	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 801	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 901	54.12.0707	1 pce	7p	Stecker gerade PCB
0	P 1001	54.12.0707	1 pce	7p	Stecker gerade PCB
0	Q 101	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 102	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 103	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 104	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 105	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 201	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 202	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 203	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 204	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 205	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 301	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 302	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 303	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 304	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 305	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 401	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 402	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 403	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 404	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 405	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 501	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 502	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 503	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 504	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 505	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 601	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 602	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 603	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 604	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 605	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 701	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 702	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 703	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 704	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 705	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 801	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 802	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 803	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 804	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 805	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 901	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 902	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 903	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 904	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 905	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	Q 1001	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 1002	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 1003	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 1004	50.60.0100	1 pce	BCX68-25	NPN 45V 1.0A SOT 89
0	Q 1005	50.60.1100	1 pce	BCX69-25	PNP 45V 1.0A SOT 89
0	R 1	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 2	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 3	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 4	not used	1 pce	0R0	MF, 0204
0	R 5	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 6	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 7	not used	1 pce	1k5	MF, 1%, 0204, E24
0	R 101	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 102	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	R 103	57.60.1563	1 pce	56k	MF, 1%, 0204, E24
0	R 104	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 105	57.60.1394	1 pce	390k	MF, 1%, 0204, E24
0	R 106	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 107	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 108	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 109	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0	R 110	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 111	57.60.1564	1 pce	560k	MF, 1%, 0204, E24

Fader Driver 1.949.130.00 (1)

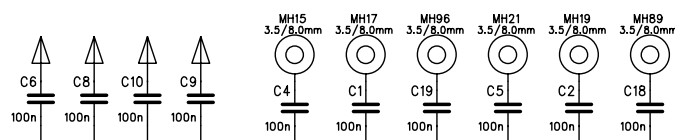
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Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 R 1018	57.60.1184	1 pce	180k	MF, 1%, 0204, E24
0 R 1019	57.60.1184	1 pce	180k	MF, 1%, 0204, E24
0 R 1020	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0 R 1021	57.60.1224	1 pce	220k	MF, 1%, 0204, E24
0 R 1022	57.60.1224	1 pce	220k	MF, 1%, 0204, E24
0 R 1023	57.60.1224	1 pce	220k	MF, 1%, 0204, E24
0 R 1024	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 1025	57.60.1393	1 pce	39k	MF, 1%, 0204, E24
0 R 1026	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 1027	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 1028	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0 R 1029	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0 R 1030	57.60.1754	1 pce	750k	MF, 1%, 0204, E24
0 R 1031	57.60.1473	1 pce	47k	MF, 1%, 0204, E24
0 R 1032	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 1033	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0 R 1034	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 1035	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 1036	57.60.1224	1 pce	220k	MF, 1%, 0204, E24
0 R 1037	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 1038	57.92.7011	1 pce	0.2A	PTC 60V
0 RA 1	not used	1 pce	5k0	Cermet, 10%, 0.5W, vertical
0 TP 1	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 2	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 3	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 4	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 101	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 102	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 201	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 202	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 301	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 302	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 401	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 402	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 501	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 502	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 601	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 602	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 701	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 702	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 801	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 802	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 901	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 902	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 100	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 TP 100	54.02.0320	1 pce	1p	PCB-Flachst 2.8*0.8, gerade
0 W 1	1.023.115.05	1 pce		FLACHKABEL 50 POL. 0,07 M

End of List

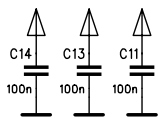
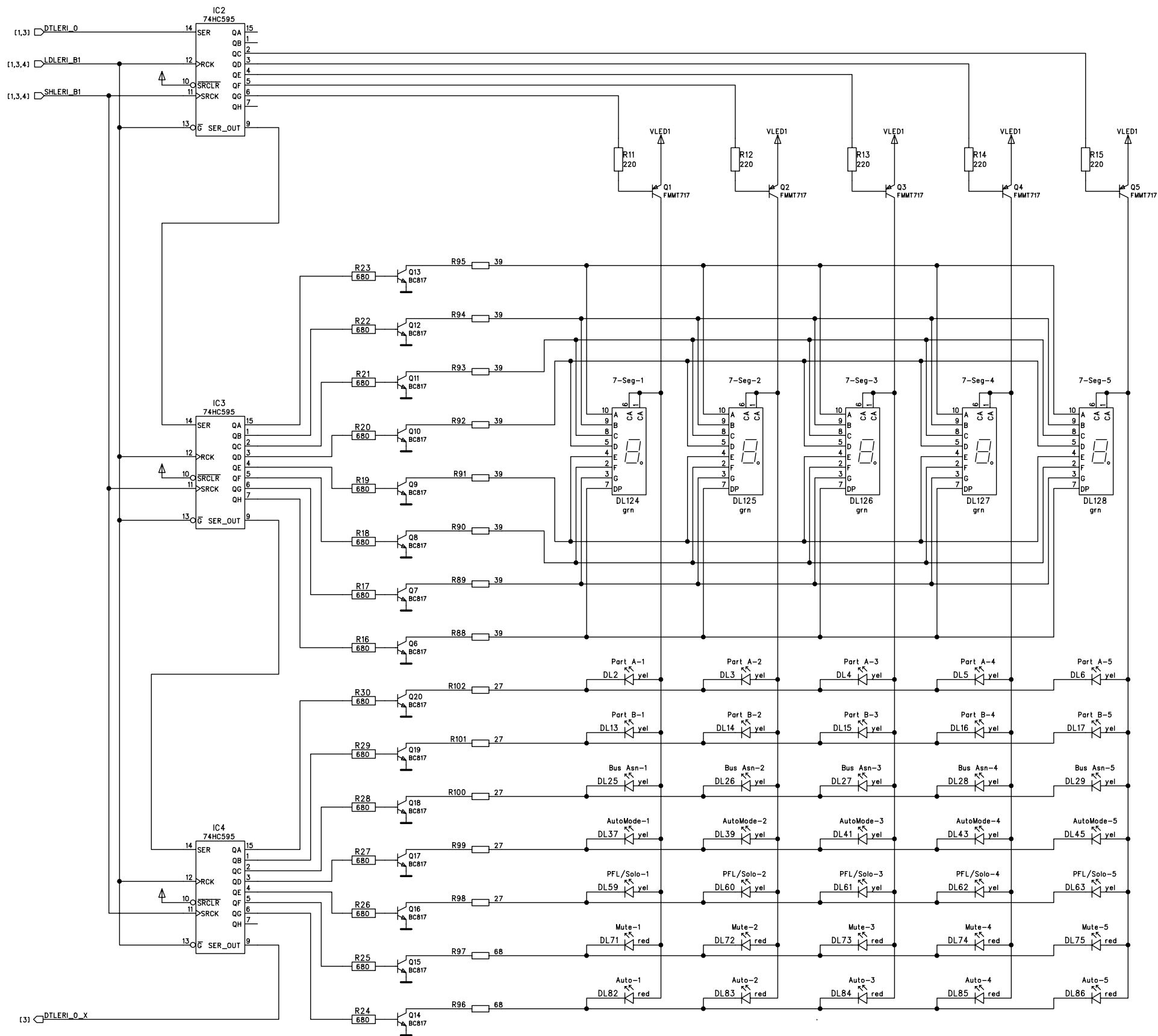
(1) Minor redesign PCB->1.949.130.12

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10.06.2002		LC	.	.
Date:	Visa:	Checked:	Seen:	
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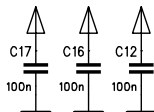
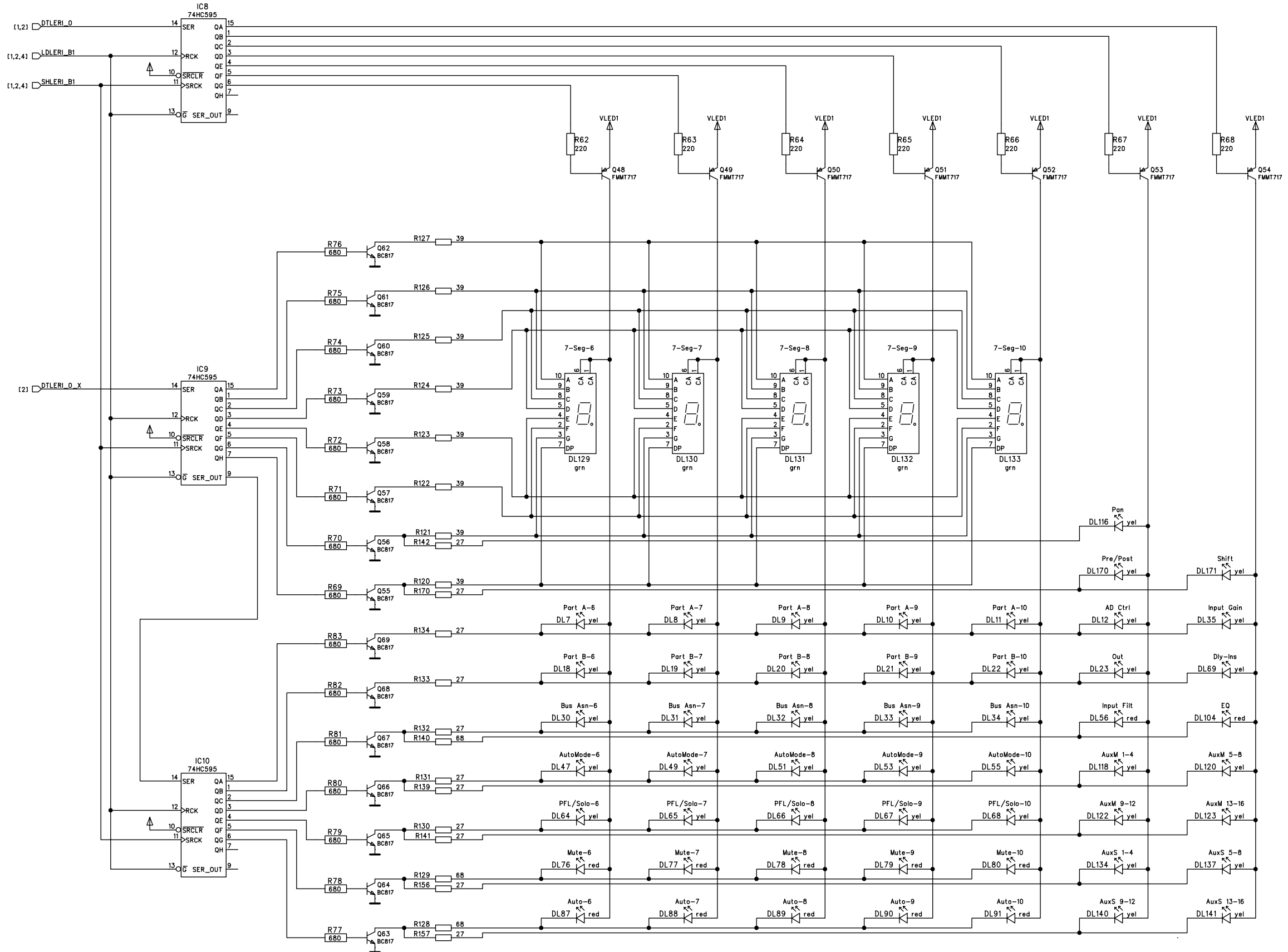


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Description: Benennung:		Number: SC 1.949.135.00	

Date: Datum:	10.06.2002	LC	Checked: Gepr.:	Seen: Ges.:
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Fader Front 1.949.135.00 (1)



STUDER

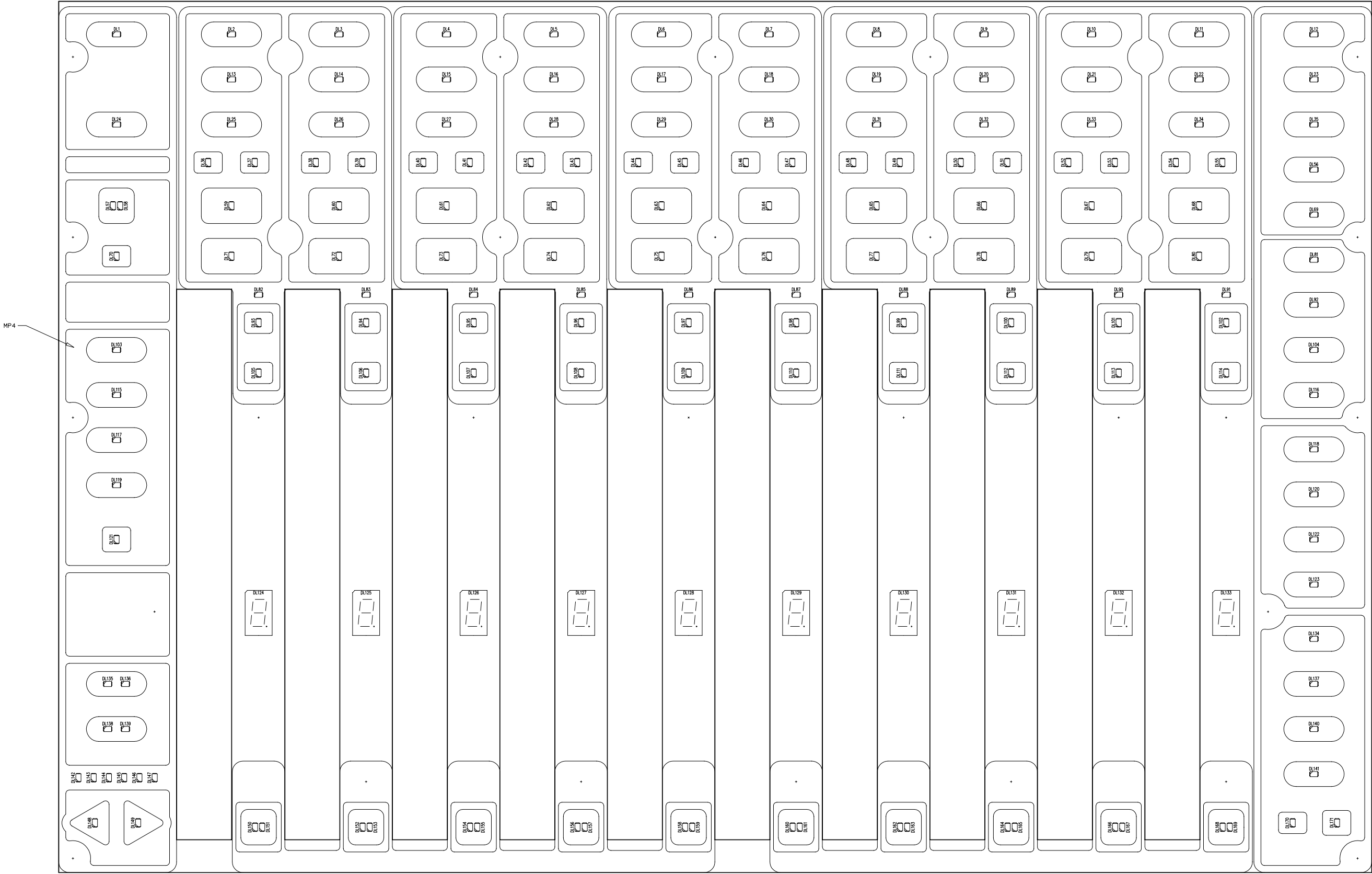
Description:
Benennung

Fader Front

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The schematic diagram illustrates a complex lighting control system using four 74HC595 shift registers (IC5, IC6, IC7, IC17). These registers are connected to a serial data line (SER) and clock lines (RCK, SRCLR, SRCK). The registers control a large array of LEDs through a series of transistors (Q1-Q31) and resistors (R1-R194). The LEDs are organized into rows (Row1-Row4), columns (Col1-Col4), and functional groups (Link Sel, Hold, Multi Sel, Comp/Lim, Exp/Gate, On Stat, Fader, Link All). The schematic also includes a power supply section with capacitors C3, C7, C15, and C20, and a date/index stamp in the bottom right corner.

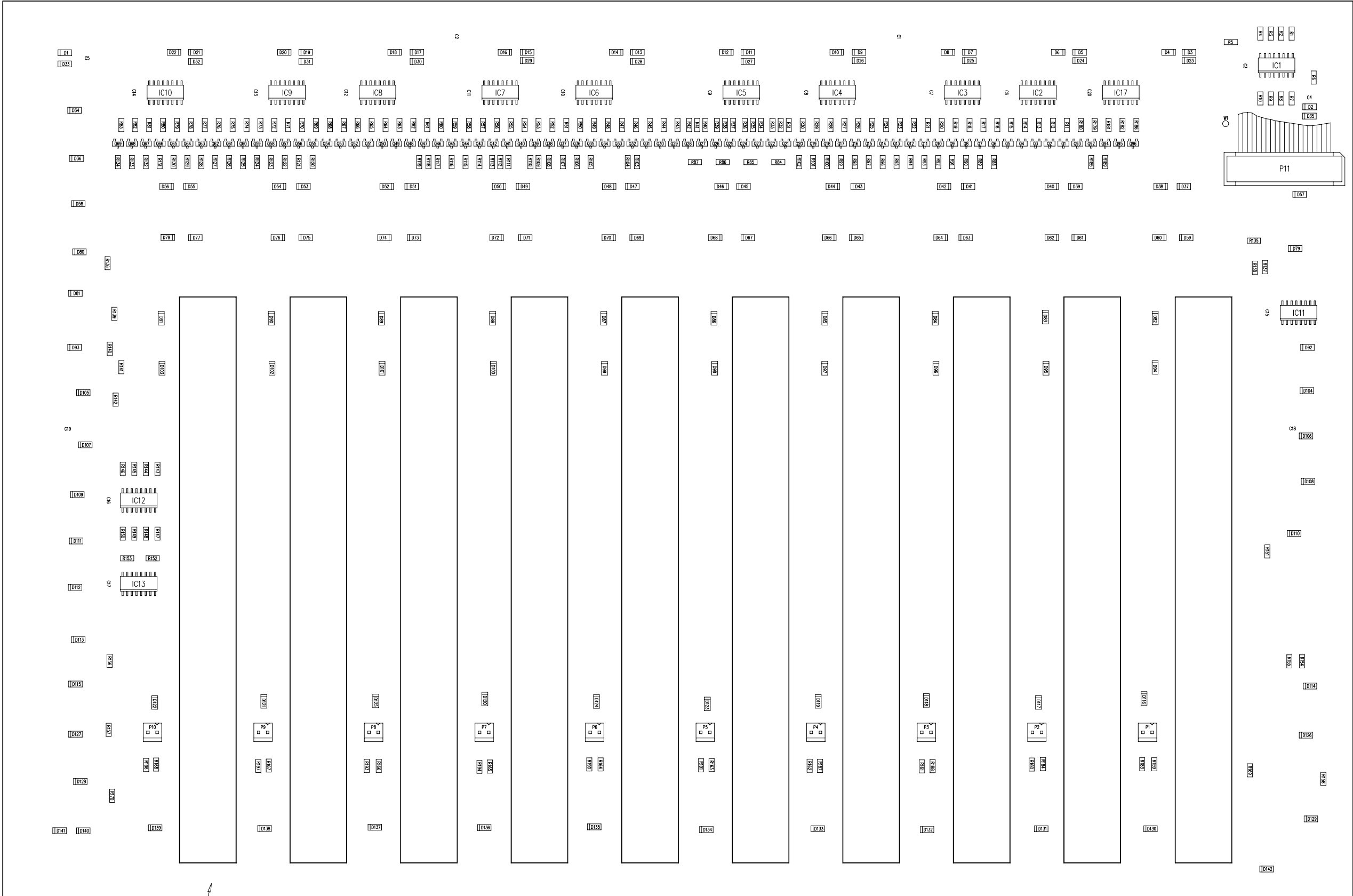
Fader Front 1.949.135.00 (0)



Component Side

Accompanying documents: Zugehörige Unterlagen:		PL	General tolerance: Toleranztoleranz:	.	Scale: Maßstab:	31.10.2001 Date: Datum:	LC Visc: Seit:	ML Checked: Gepr.:	HW Spec: Zus.
STUDER		Description: Bezeichnung:	Fader Front, ESE			Index: Index:	0	Page: Seite:	1 / 2
Number: Nummer:		Z			1.949.135.00				

Fader Front 1.949.135.00 (0)



Solder Side

Accompanying documents: Zugehörige Unterlagen:		PL	General tolerance: Freimaßtoleranz:		-	Scale: Maßstab:			Date: Datum:		31.10.2001	Version: Ver.:		LC	Checked: Gepr.:		ML	Hatched: Gepr.:		HW
STUDER			Fader Front, ESE			Index: Index:		0	Page: Seite:		2 / 2	Number: Nummer:		Z	1.949.135.00					

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description			
0	D 68	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 69	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 70	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 71	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 72	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 73	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 74	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 75	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 76	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 77	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 78	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 79	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 80	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 81	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 82	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 83	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 84	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 85	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 86	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 87	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 88	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 89	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 90	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 91	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 92	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 93	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 94	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 95	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 96	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 97	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 98	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 99	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 100	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 101	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 102	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 103	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 104	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 105	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 106	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 107	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 108	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 109	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 110	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 111	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 112	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 113	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 114	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 115	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 116	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 117	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 118	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 119	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 120	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 121	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 122	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 123	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 124	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 125	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 126	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 127	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 128	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 129	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 130	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 131	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 132	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 133	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 134	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 135	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 136	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 137	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 138	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 139	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 140	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 141	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	D 142	50.60.8001	1 pce	4448	200mA	75V	4ns	SOD 80
0	DL 1	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 2	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 3	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 4	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 5	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 6	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 7	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 8	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 9	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 10	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 11	50.60.9402	1 pce	yel	SMD LED yellow			
0	DL 12	50.60.9402	1 pce	yel	SMD LED yellow			

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	Q 96	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	R 1	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 2	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 3	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 4	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 5	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 6	57.60.1470	1 pce	47R	MF, 1%, 0204, E24
0	R 7	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 8	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 9	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 10	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 11	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 12	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 13	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 14	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 15	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 16	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 17	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 18	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 19	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 20	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 21	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 22	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 23	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 24	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 25	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 26	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 27	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 28	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 29	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 30	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 31	not used	1 pce	470R	MF, 1%, 0204, E24
0	R 32	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 33	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 34	not used	1 pce	470R	MF, 1%, 0204, E24
0	R 35	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 36	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 37	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 38	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 39	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 40	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 41	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 42	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 43	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 44	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 45	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 46	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 47	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 48	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 49	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 50	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 51	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 52	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 53	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 54	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 55	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 56	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 57	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 58	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 59	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 60	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 61	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 62	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 63	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 64	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 65	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 66	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 67	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 68	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 69	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 70	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 71	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 72	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 73	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 74	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 75	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 76	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 77	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 78	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 79	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 80	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 81	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 82	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 83	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 84	57.60.1000	1 pce	0R0	MF, 0204
0	R 85	57.60.1000	1 pce	0R0	MF, 0204
0	R 86	not used	1 pce	0R0	MF, 0204

Fader Front 1.949.135.00 (1)

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Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 R 87	not used	1 pce	0R0	MF, 0204
0 R 88	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 89	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 90	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 91	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 92	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 93	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 94	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 95	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 96	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0 R 97	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0 R 98	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 99	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 100	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 101	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 102	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 103	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
1 R 104	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 105	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 106	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 107	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 108	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 109	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 110	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 111	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
1 R 112	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 113	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 114	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
1 R 115	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 116	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
1 R 117	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 118	not used	1 pce	330R	MF, 1%, 0204, E24
0 R 119	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 120	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 121	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 122	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 123	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 124	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 125	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 126	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 127	57.60.1390	1 pce	39R	MF, 1%, 0204, E24
0 R 128	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0 R 129	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0 R 130	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 131	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 132	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 133	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 134	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 135	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0 R 136	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 137	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 138	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 139	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 140	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0 R 141	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 142	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 143	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 144	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 145	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 146	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 147	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 148	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 149	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 150	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 151	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 152	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 153	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 154	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 155	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 156	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 157	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 158	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 159	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 160	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 161	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 162	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 163	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 164	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 165	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 166	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 167	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 168	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0 R 169	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 170	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 R 179	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 R 180	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 R 181	57.60.1681	1 pce	680R	MF, 1%, 0204, E24

Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 R 182	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 R 183	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 184	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 185	not used	1 pce	180R	MF, 1%, 0204, E24
0 R 186	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 R 187	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 188	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 189	not used	1 pce	180R	MF, 1%, 0204, E24
0 R 190	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 191	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 193	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 194	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 196	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 R 197	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0 XDL 12	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 12	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 12	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 12	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 12	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 12	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 13	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 13	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 13	53.60.0110	1 pce	10p	DIL 0.3", SMD
0 XDL 13	53.60.0110	1 pce	10p	DIL 0.3", SMD

End of List

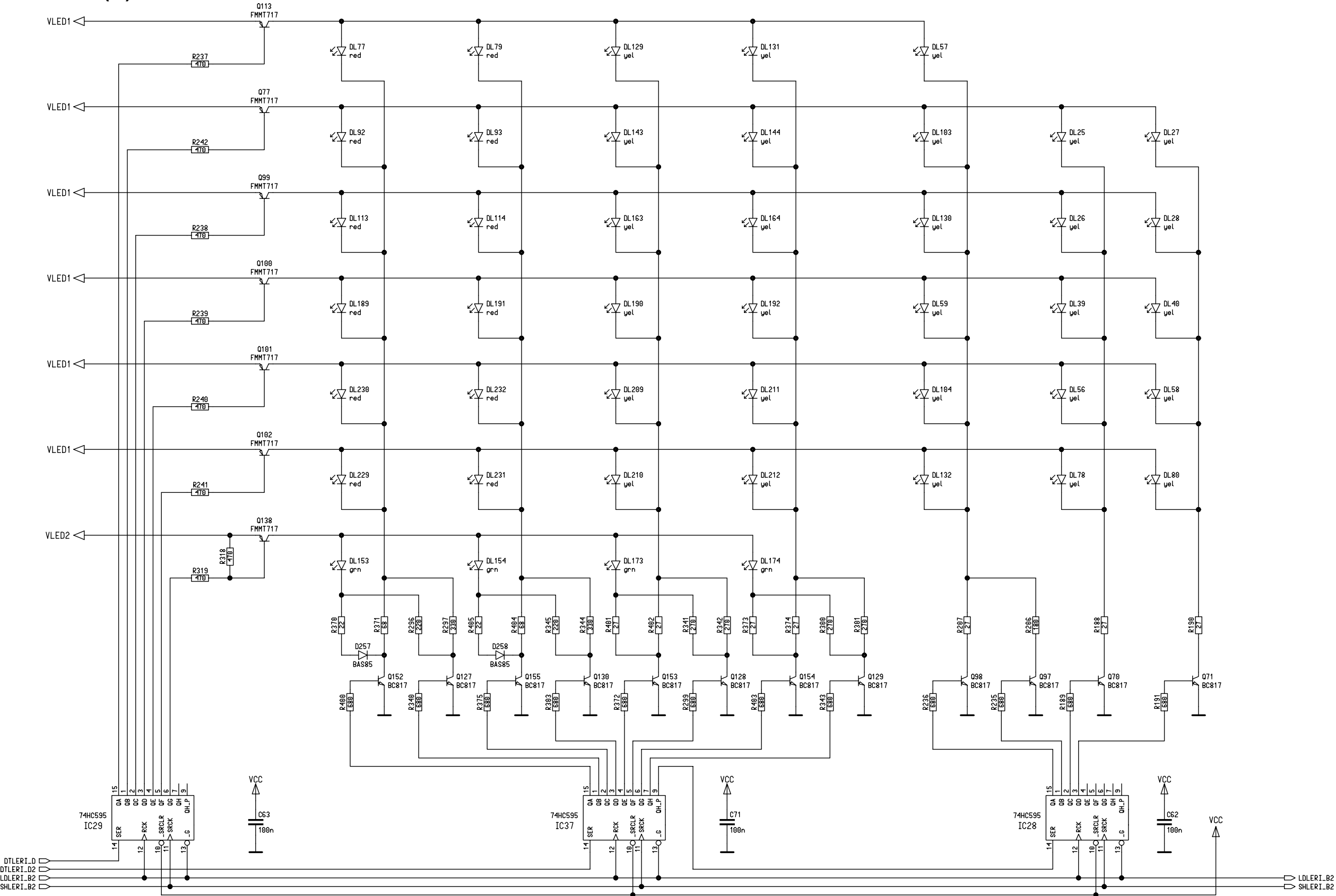
(1) R104, 112, 115, 117 Value changed
DL 58, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169 Type changed

Erstellt	31.10.2001	PZ	04.06.2002	RG			
VISTA				PAGE 1 OF 9			
STUDER		I/O FRONTBOARD			SC	1.949.138,00	

Erstellt	⑧ 31.10.2001	PZ	① 04.06.2002	RG	○	○	○
				VISTA			PAGE 2 OF 9
STUDER		I/O FRONTBOARD				SC	1.949.138,00

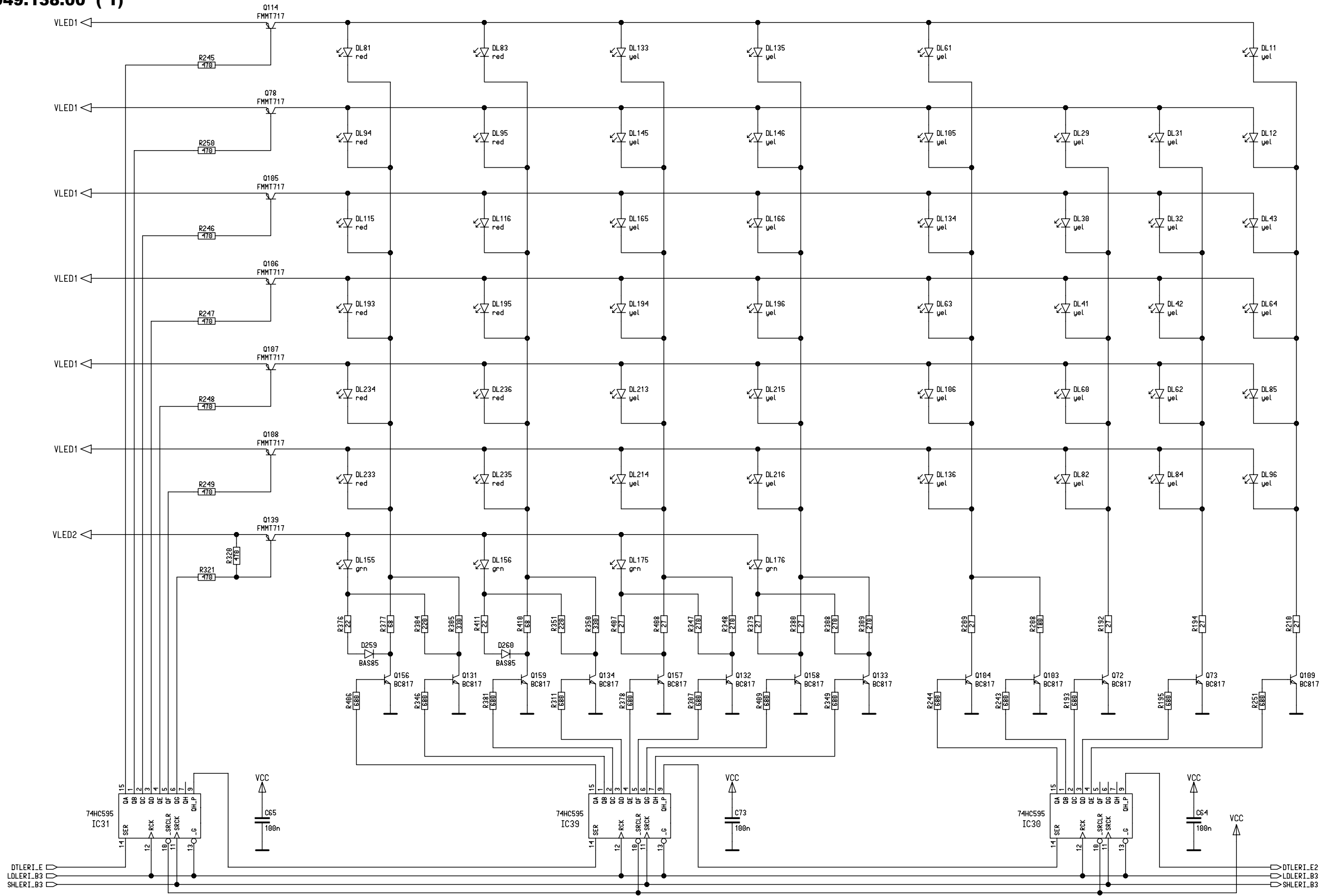
Erstellt	⑧ 31.10.2001	PZ	① 04.06.2002	RG	○	○	○
			VISTA				PAGE 3 OF 9
STUDER		I/O FRONTBOARD				SC	1.949.138,00

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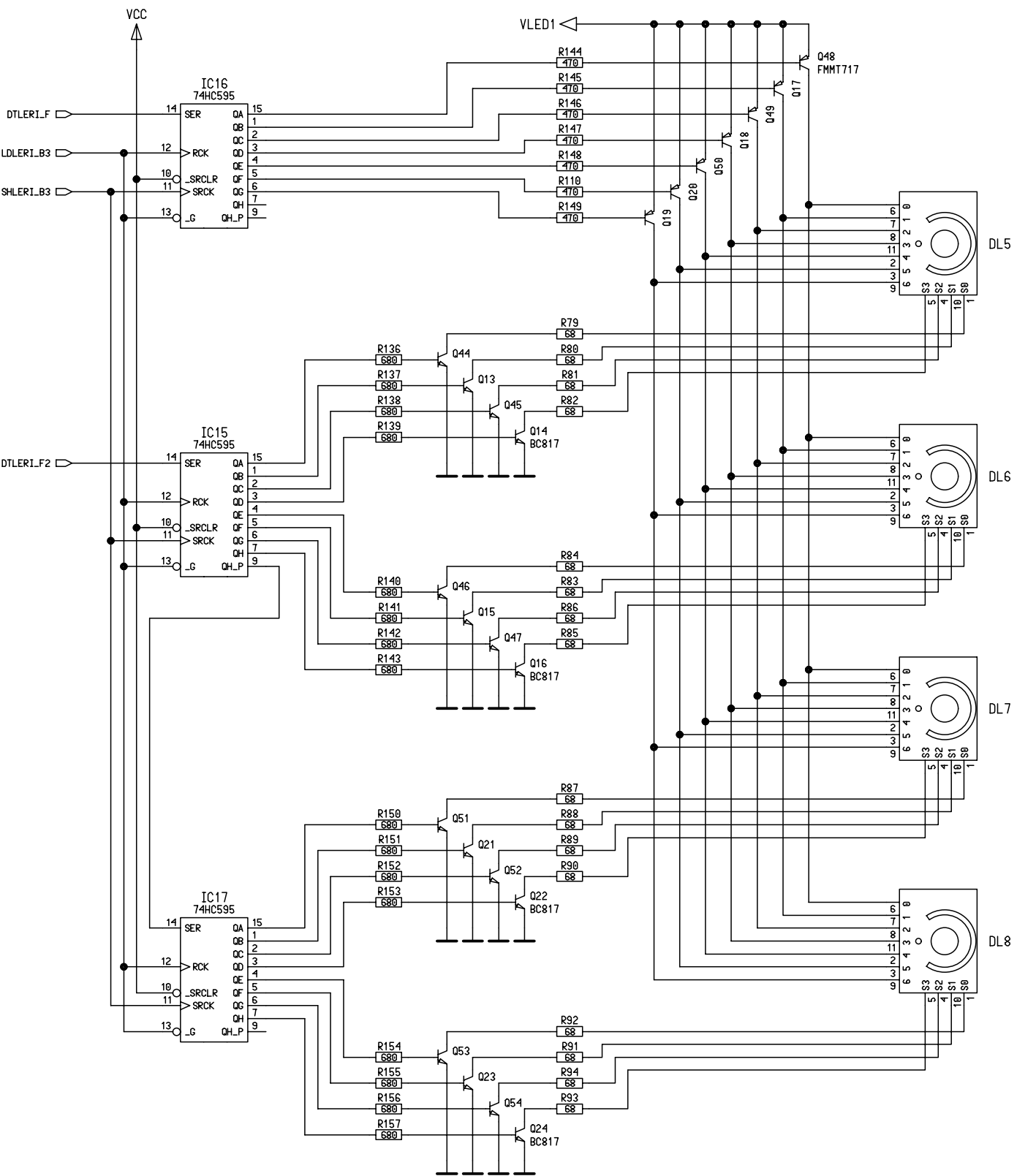
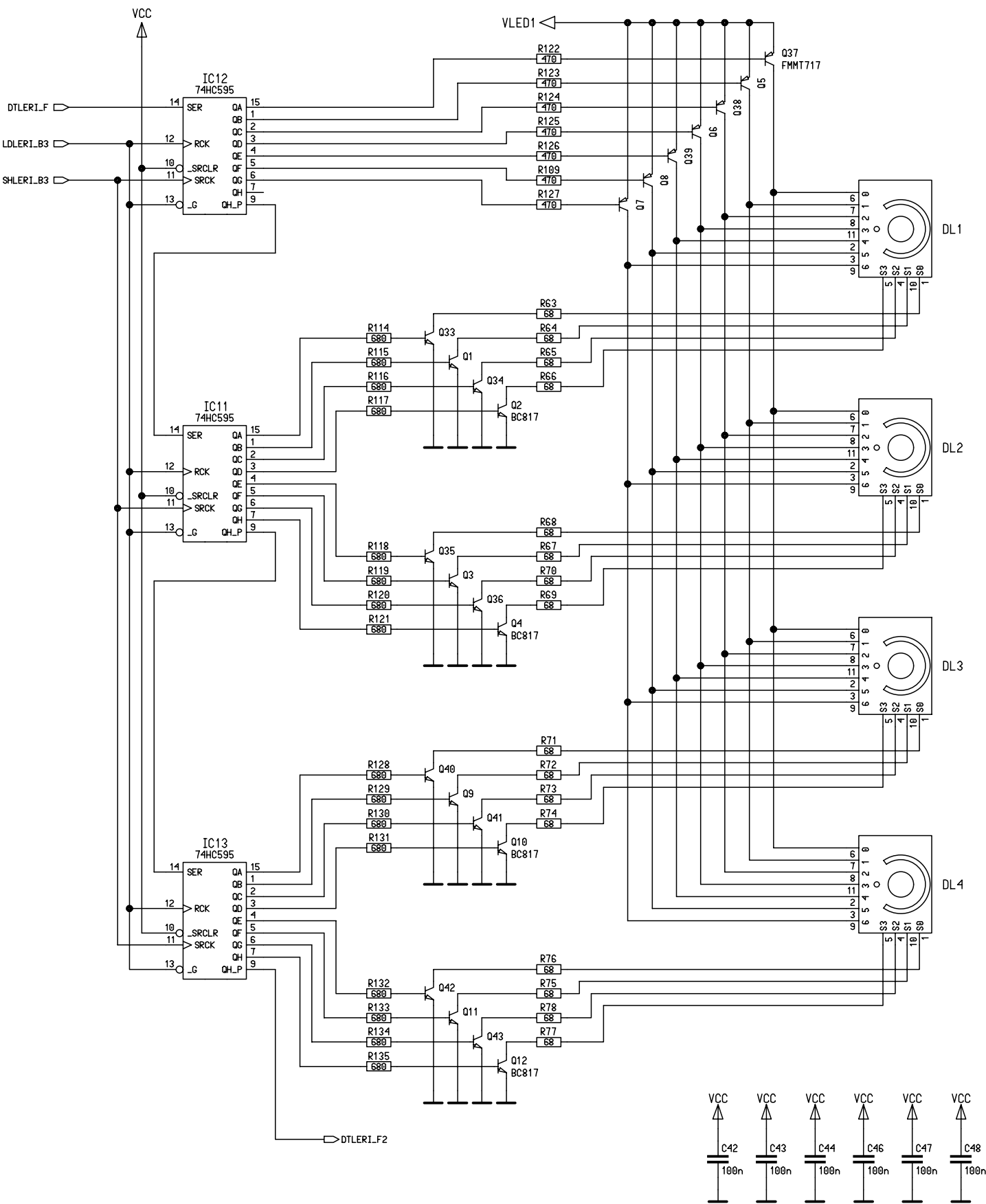
Erstellt	31.10.2001	PZ	04.06.2002	RG			
VISTA							PAGE 4 OF 9
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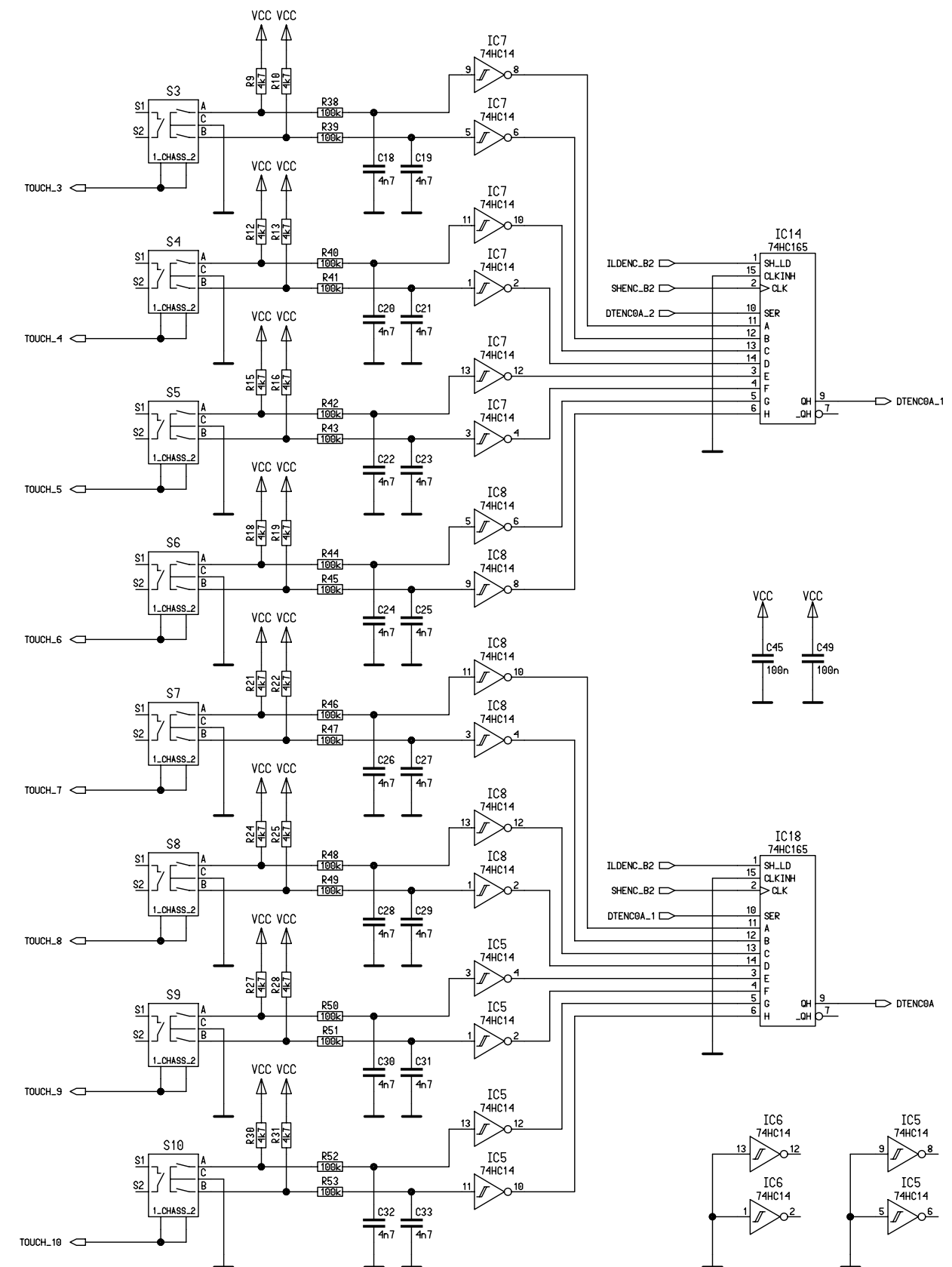


Erstellt	31.10.2001	PZ	04.06.2002	RG					
VISTA								PAGE 5 OF 9	
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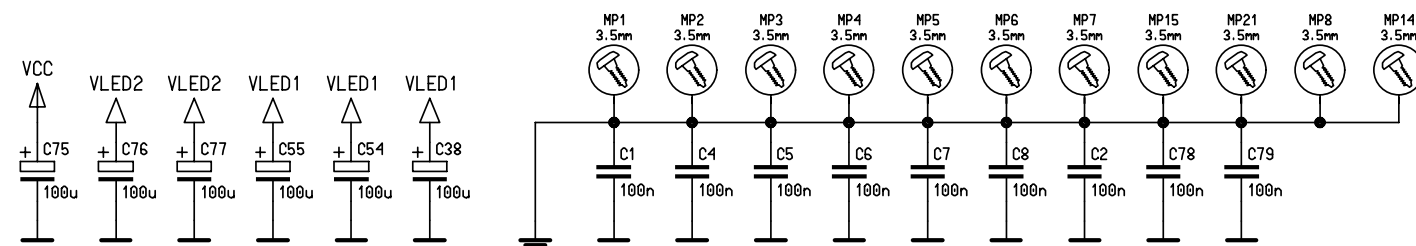
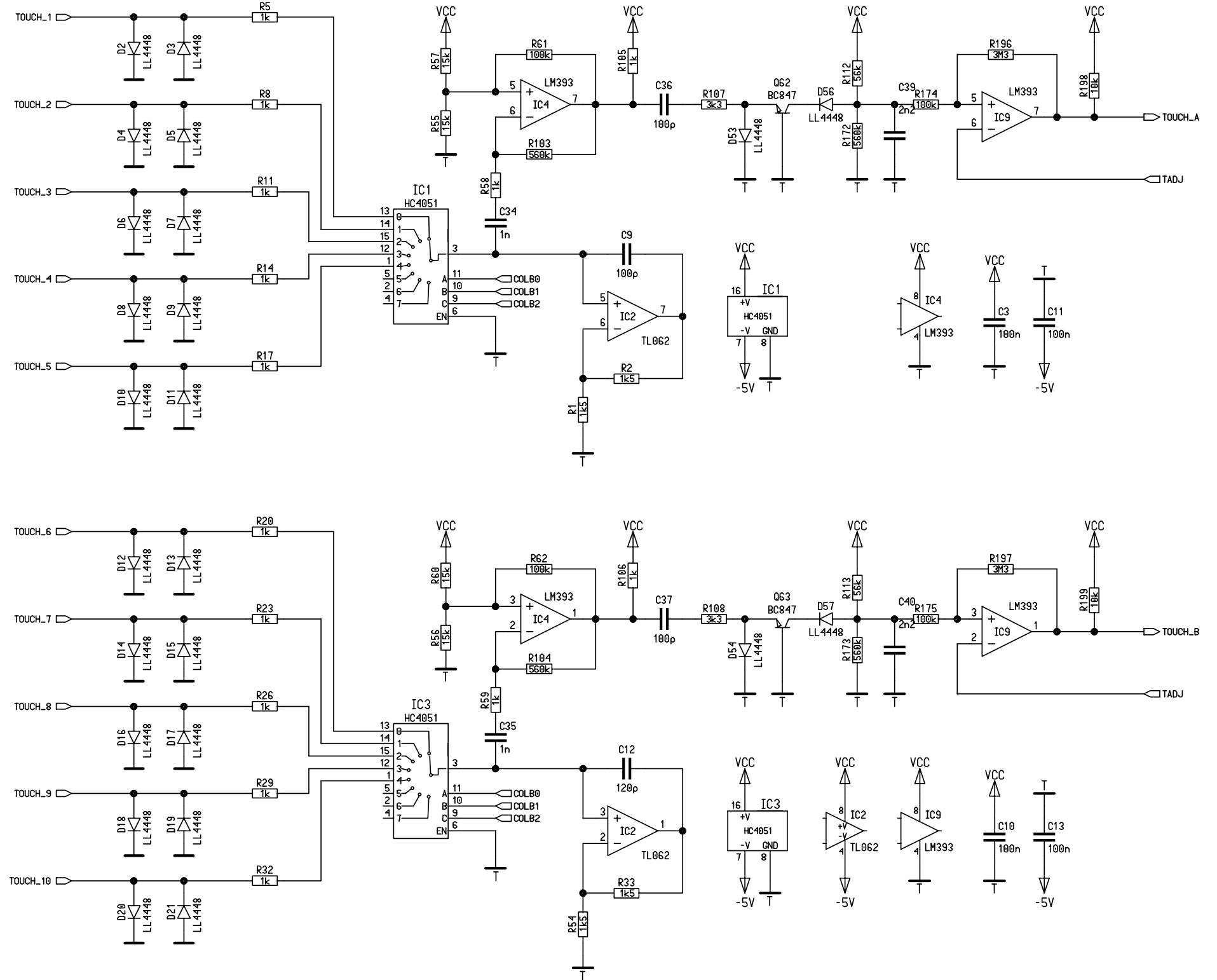


Erstellt	31.10.2001	PZ	04.06.2002	RG			
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The diagram illustrates the pin connections for the P1 connector of the AD9289. The pins are numbered P1 1 through P1 40. The connections are as follows:

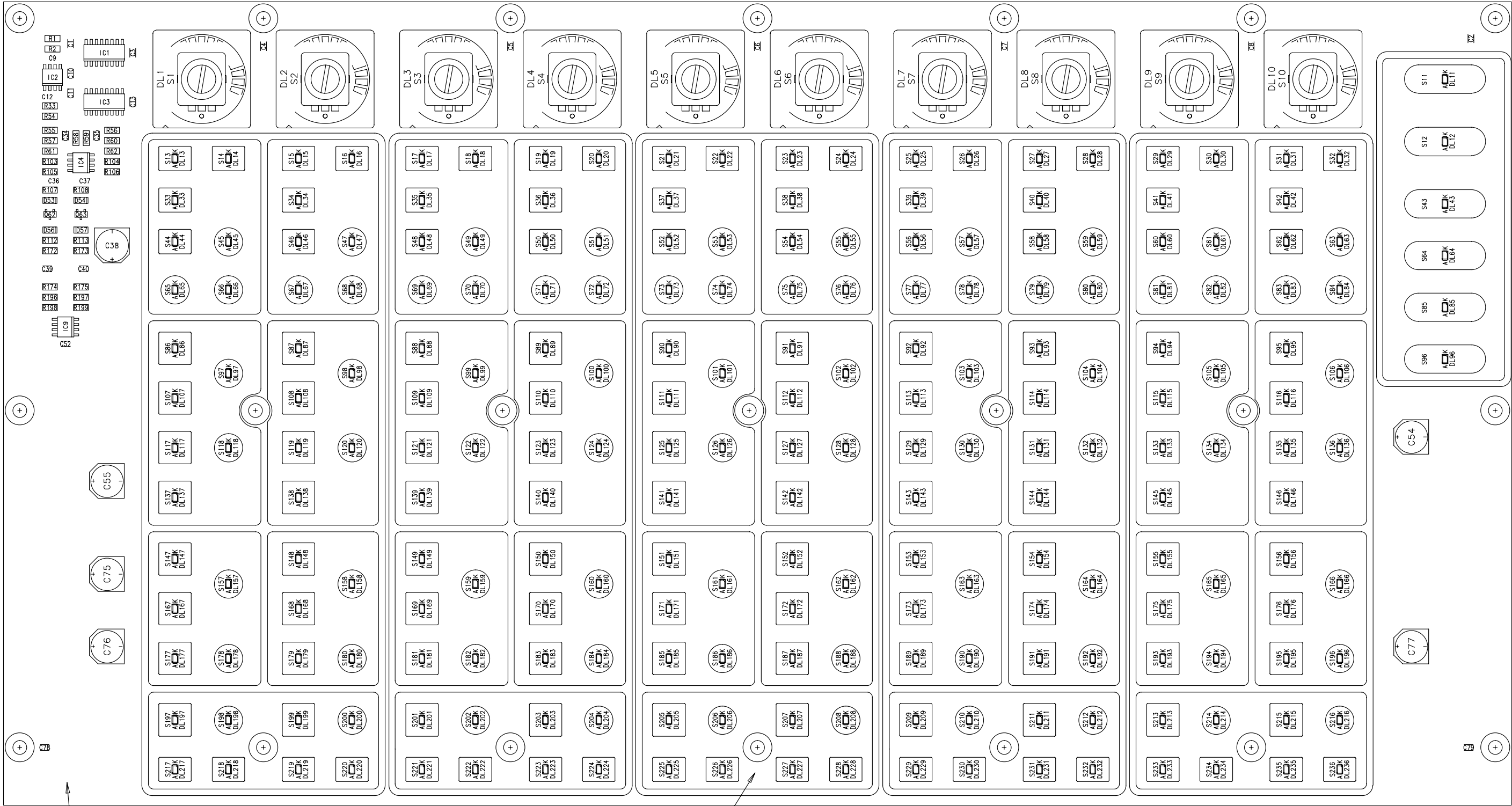
- P1 1: VLED1
- P1 2: VLED1
- P1 3: VLED1
- P1 4: IDTLERI_B
- P1 5: VLED2
- P1 6: VLED2
- P1 7: LDLERI_B2
- P1 8: LDLERI_B3
- P1 9: GND
- P1 10: GND
- P1 11: SHLERI_B2
- P1 12: SHLERI_B3
- P1 13: GND
- P1 14: GND
- P1 15: DTLERI_C
- P1 16: DTLERI_D
- P1 17: DTLERI_E
- P1 18: DTLERI_F
- P1 19: VCC
- P1 20: ILDSW_B2
- P1 21: SHSW_B2
- P1 22: DTSW_2
- P1 23: VCC
- P1 24: ILDENC_B2
- P1 25: SHENC_B2
- P1 26: DTENC0A
- P1 27: n.c.
- P1 28: COLB0
- P1 29: COLB1
- P1 30: COLB2
- P1 31: TGND
- P1 32: TGND
- P1 33: TADJ
- P1 34: -5V
- P1 35: (unconnected)
- P1 36: (unconnected)
- P1 37: (unconnected)
- P1 38: (unconnected)
- P1 39: (unconnected)
- P1 40: (unconnected)

A capacitor C52 (100n) is connected to the TADJ pin (P1 33) to ground.



Erstellt	⑧ 31.10.2001	PZ	① 04.06.2002	RG	○	○	○
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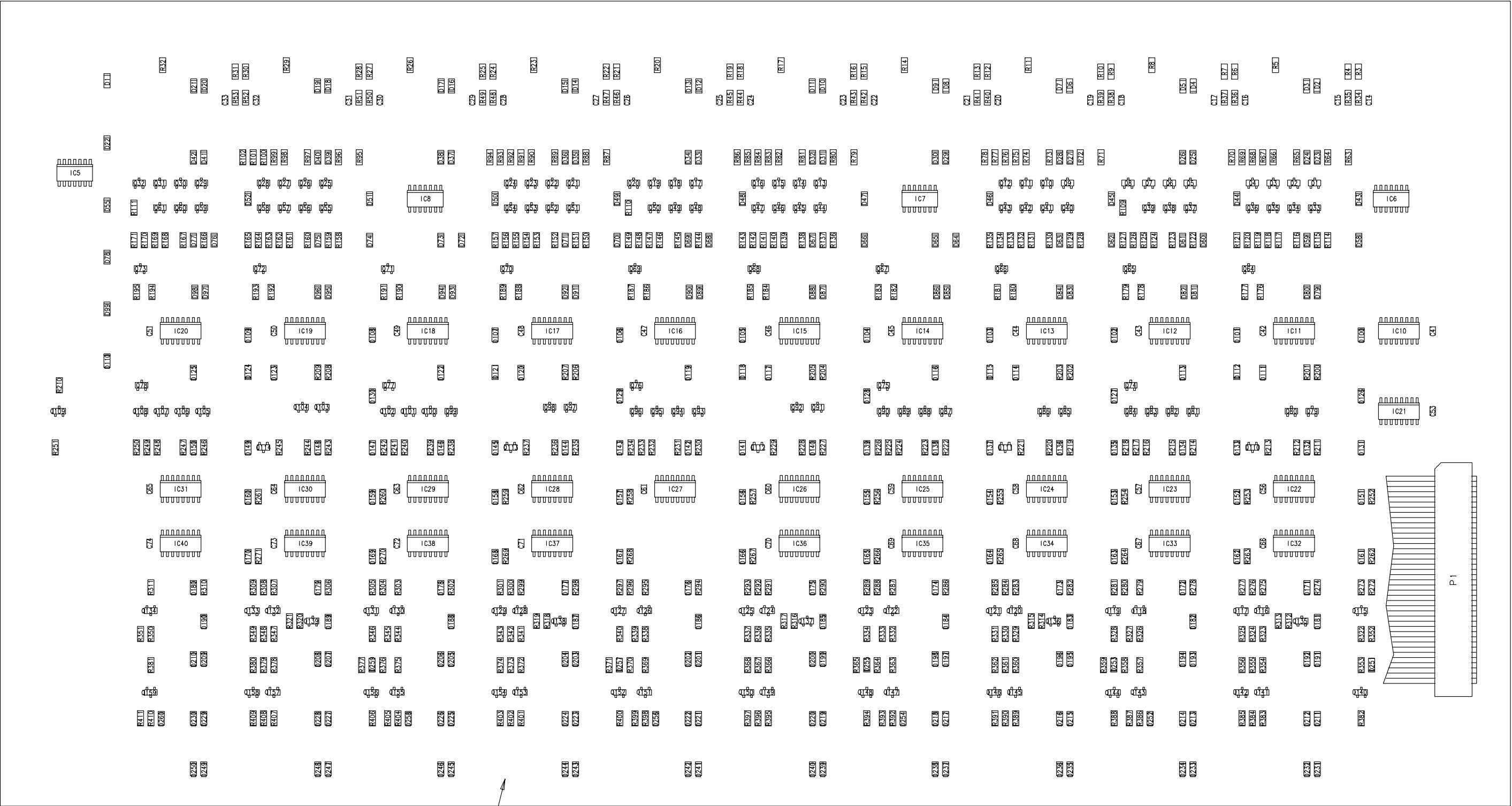
Component Side

MP 1

MP 4

Accompanying documents: Zugehoerige Unterlagen: PL		General tolerance: Freimasstoleranz:		Scale: Massstab:		Edition Ausgabe		31.10.2001		PZ		ML		HW		⊙			
						Date Datum		Visa Gez.		Checked Gepr.		Seen Ges.		Index					
Substitute for: Ersatz fuer:								Page: Seite:									1 / 2		
STUDER REGENSDORF		Description: Benennung:		I/O FRONTBOARD, ESE				Z		Number: Nummer:		1.949.138.00							

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Solder Side

MP 1

Accompanying documents: Zugehoerige Unterlagen: PL			General tolerance: Freimasstoleranz:		Scale: Masstab:		Edition Ausgabe	31.10.2001	PZ	ML	HW	⊙
								Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer:							Page: Seite:					
							2 / 2					
STUDER REGENSDORF		Description: Benennung:	I/O FRONTBOARD, ESE				Z	Number: Nummer:	1.949.138.00			

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Date printed: 17.07.02

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 35	50.62.1165	1 pce	74HC165	8bit shift register
0	IC 36	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 37	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 38	50.62.1165	1 pce	74HC165	8bit shift register
0	IC 39	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 40	50.62.1165	1 pce	74HC165	8bit shift register
0	MP 1	1.949.138.11	1 pce		I/O Frontboard PCB
0	MP 2	1.949.138.10	1 pce		NR. ETIKETTE 5x20
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD
0	MP 4	1.949.138.01	1 pce		Rubber Key Set
0	P 1	1.023.114.17	1 pce		FLACHKABEL 40 POL. 0.17M
0	Q 1	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 2	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 3	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 4	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 5	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 6	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 7	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 8	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 9	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 10	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 11	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 12	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 13	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 14	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 15	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 16	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 17	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 18	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 19	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 20	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 21	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 22	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 23	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 24	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 25	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 26	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 27	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 28	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 29	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 30	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 31	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 32	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 33	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 34	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 35	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 36	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 37	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 38	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 39	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 41	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 42	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 43	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 44	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 45	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 46	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 47	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 48	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 49	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 50	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 51	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 52	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 53	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 54	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 55	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 56	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 57	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 58	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 59	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 60	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 61	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 62	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 63	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	Q 64	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 65	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 66	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 67	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 68	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 69	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 70	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 71	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 72	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 73	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0	Q 74	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 75	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0	Q 76	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description		
0	Q 77	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 78	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 79	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 80	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 81	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 82	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 83	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 84	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 85	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 86	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 87	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 88	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 89	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 90	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 91	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
0	Q 93	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 94	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 95	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 96	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 97	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 98	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 99	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 100	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 101	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 102	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 103	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 104	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 105	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 106	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 107	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 108	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 109	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 110	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 111	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 112	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 113	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 114	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 115	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 117	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 118	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 119	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 120	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 121	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 122	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 123	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 125	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 127	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
0	Q 129	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 131	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 132	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 133	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 134	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 135	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 136	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 137	50.60.1101 1 pce	FMMT717	PNP	12V	1.5A	SOT 23
0	Q 138	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 140	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 141	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 142	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 143	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 144	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 145	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 146	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 147	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 148	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 149	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 150	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 151	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 152	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 153	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 154	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 155	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 156	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 157	50.60.0050 1 pce	BC817-25	NPN	45V	800mA	SOT 23
0	Q 158	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
0	R 1	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24			
0	R 2	57.60.1152 1 pce	1k5	MF, 1%, 0204, E24			
0	R 3	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24			
0	R 4	57.60.1472 1 pce	4k7	MF, 1%, 0204, E24			

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 5	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 6	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 7	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 8	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 9	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 10	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 11	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 12	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 13	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 14	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 15	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 16	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 17	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 18	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 19	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 20	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 21	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 22	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 23	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 24	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 25	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 26	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 27	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 28	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 29	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 30	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 31	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	R 32	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 33	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 34	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 35	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 36	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 37	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 38	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 39	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 40	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 41	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 42	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 43	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 44	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 45	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 46	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 47	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 48	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 49	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 50	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 51	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 52	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 53	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 54	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0	R 55	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 56	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 57	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 58	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 59	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 60	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 61	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 62	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 63	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 64	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 65	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 66	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 67	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 68	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 69	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 70	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 71	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 72	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 73	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 74	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 75	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 76	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 77	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 78	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 79	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 80	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 81	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 82	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 83	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 84	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 85	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 86	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 87	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 88	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 89	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 90	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 91	57.60.1680	1 pce	68R	MF, 1%, 0204, E24

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Iidx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 266	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 267	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 268	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 269	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 270	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 271	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 272	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 273	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 274	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 275	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 276	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 277	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 278	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 279	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 280	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 281	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 282	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 283	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 284	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 285	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 286	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 287	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 288	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 289	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 290	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 291	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 292	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 293	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 294	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 295	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 296	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 297	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 298	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 299	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 300	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 301	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 302	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 303	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 304	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 305	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 306	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 307	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 308	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 309	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 310	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 311	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 312	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 313	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 314	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 315	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 316	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 317	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 318	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 319	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 320	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 321	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 322	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 323	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 324	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 325	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 326	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 327	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 328	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 329	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 330	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 331	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 332	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 333	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 334	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 335	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 336	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 337	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 338	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 339	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 340	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 341	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 342	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 343	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 344	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 345	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 346	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 347	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 348	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0	R 349	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 350	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
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0	R 352	57.60.1220	1 pce	22R	MF, 1%, 0204, E24

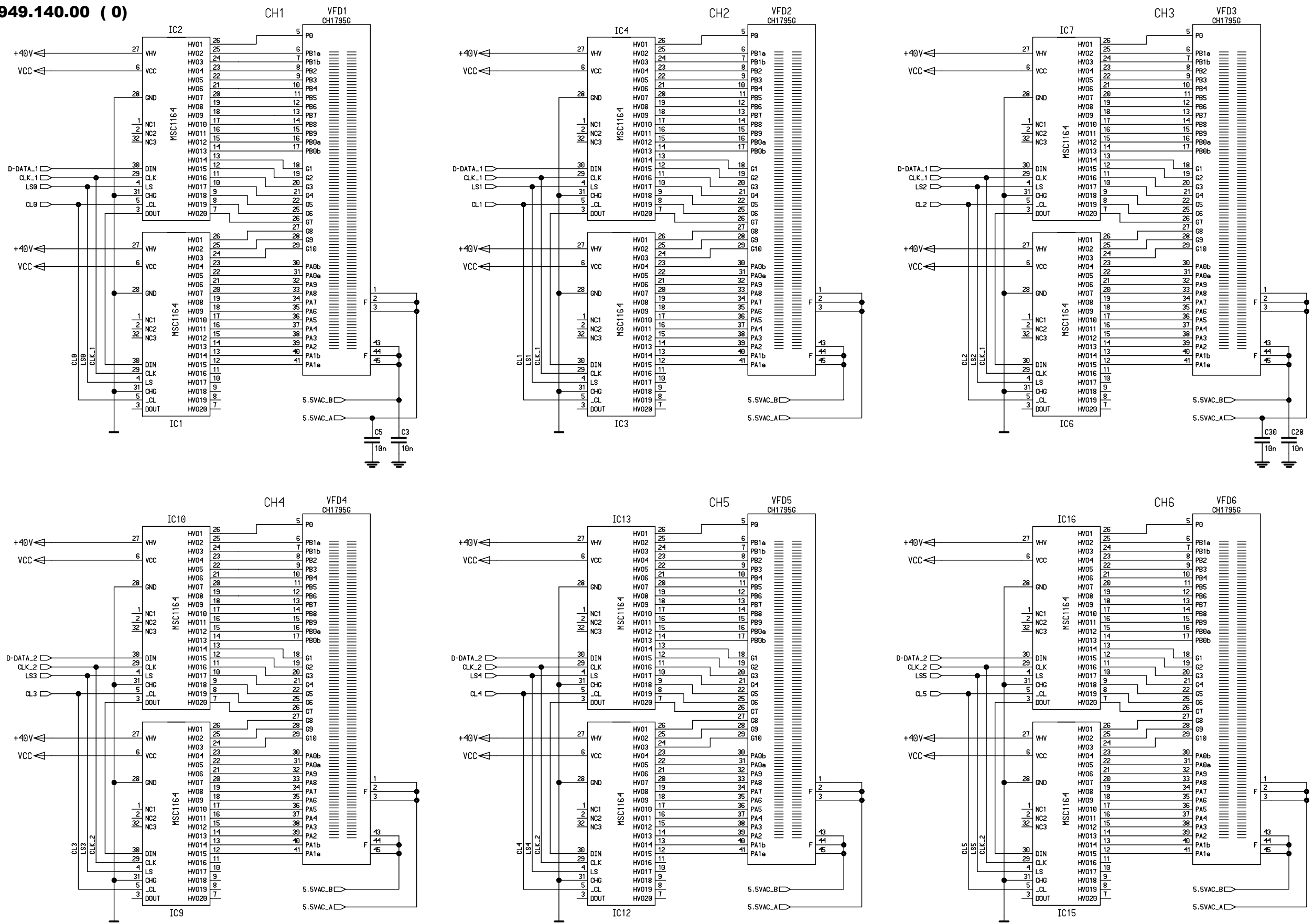
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0	R 355	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 356	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 357	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 358	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 359	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 360	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 361	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 362	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 363	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 364	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 365	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 366	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 367	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 368	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 369	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 370	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 371	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 372	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 373	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 374	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 375	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 376	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 377	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 378	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 379	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 380	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 381	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 382	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 383	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 384	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 385	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 386	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 387	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 388	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 389	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 390	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 391	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 392	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 393	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 394	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 395	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 396	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 397	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 398	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 399	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 400	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 401	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 402	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 403	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 404	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 405	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	R 406	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 407	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 408	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	R 409	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	R 410	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0	R 411	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	S 1	55.12.1304	1 pce	N=18	Drehgeber
0	S 2	55.12.1304	1 pce	N=18	Drehgeber
0	S 3	55.12.1304	1 pce	N=18	Drehgeber
0	S 4	55.12.1304	1 pce	N=18	Drehgeber
0	S 5	55.12.1304	1 pce	N=18	Drehgeber
0	S 6	55.12.1304	1 pce	N=18	Drehgeber
0	S 7	55.12.1304	1 pce	N=18	Drehgeber
0	S 8	55.12.1304	1 pce	N=18	Drehgeber
0	S 9	55.12.1304	1 pce	N=18	Drehgeber
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- End of List

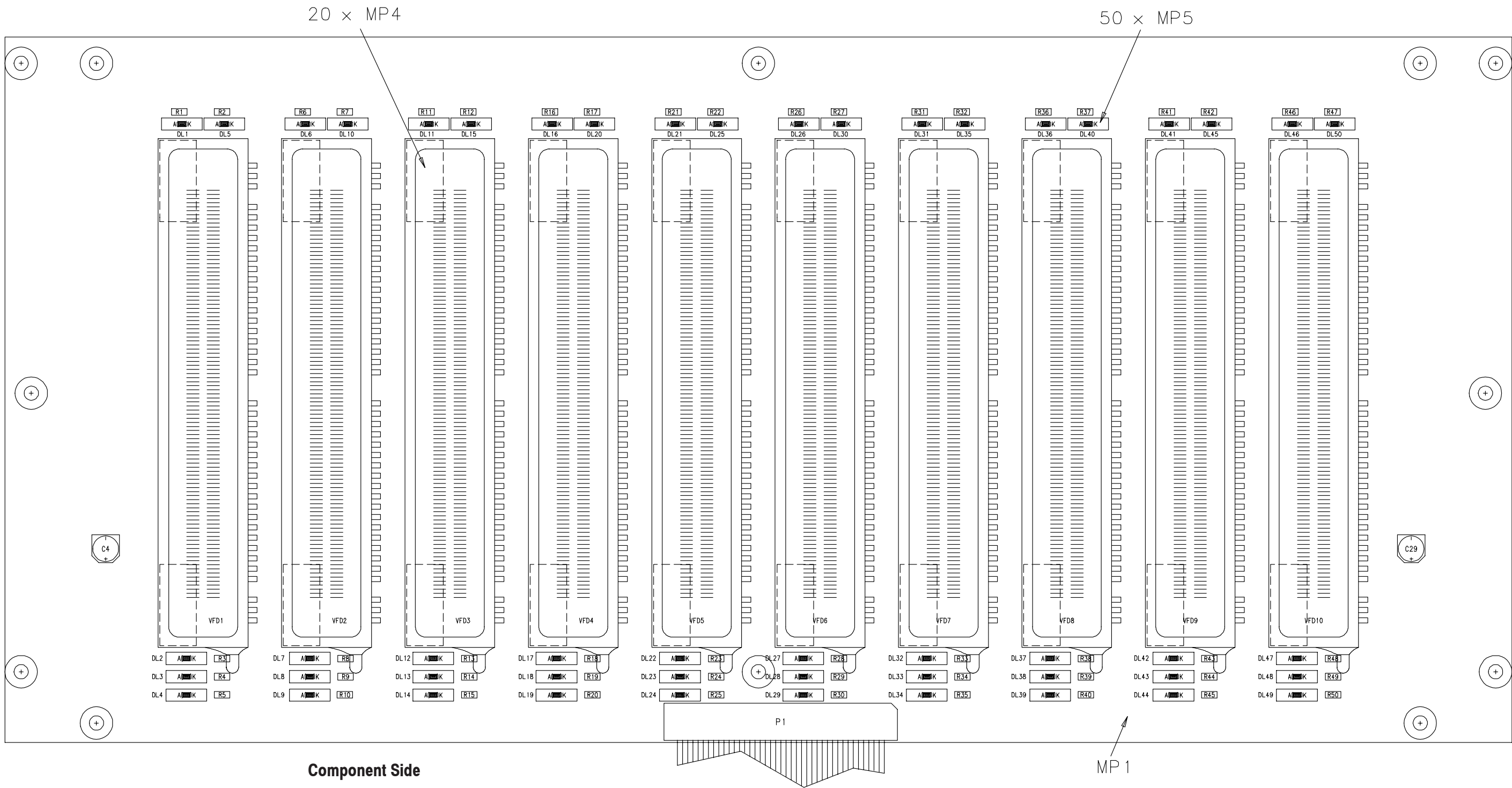
(01) C12 change value from 100 pF to 120 pF

0	18.10.2001	PZ							
VISTA								PAGE 1 OF 3	
STUDER				BARGRAPH				SC	1.949.140,00

Bargraph Board 1.949.140.00 (0)

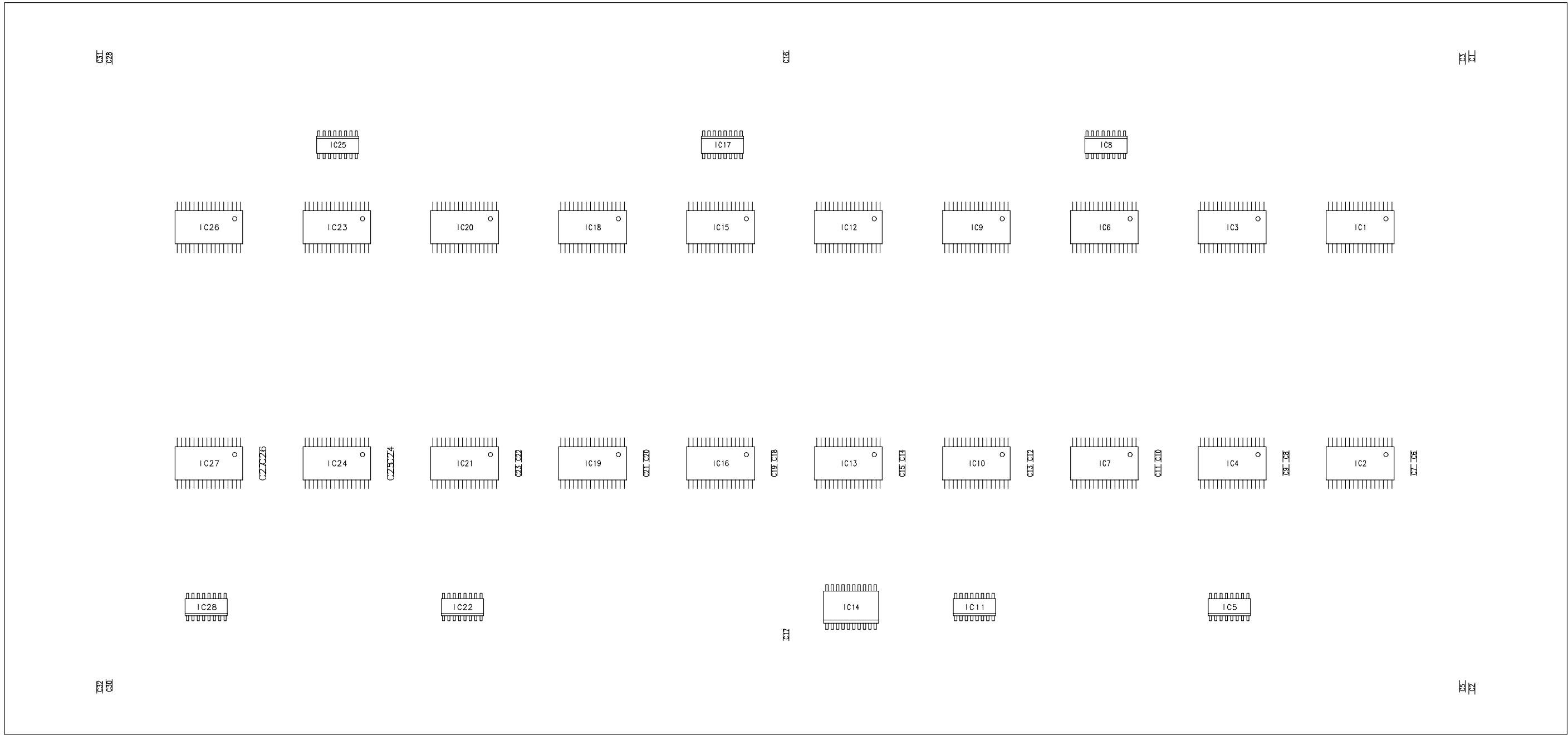


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Accompanying documents: Zugehörige Unterlagen: PL		General tolerance: Freimasstoleranz:		Scale: Massstab:		Edition Ausgabe	18.10.2001	PZ	ML	HW	⊙		
							Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index		
Substitute for: Ersatz fuer:						Page: Seite:						1 / 2	
STUDER REGENSDORF		Description: Benennung:	BARGRAPH, ESE			Z	Number: Number:	1.949.140.00					

Bargraph Board 1.949.140.00 (0)



Solder Side

Accompanying documents: Zugehoerige Unterlagen: PL			General tolerance: Freimasstoleranz:		Scale: Masstab:		Edition Ausgabe	18.10.2001	PZ	ML	HW	⊙
								Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer:							Page: Seite:	2 / 2				
STUDER REGENSDORF		Description: Benennung:	BARGRAPH, ESE			Z	Number: Number:	1.949.140.00				

Bargraph Board 1.949.140.00 (0)

Page: 1 of 2

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 4	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 5	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 6	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 7	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 8	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 9	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 10	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 11	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 12	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 13	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 14	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 15	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 16	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 17	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 18	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 29	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0	C 30	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	DL 1	50.60.9401	1 pce	red	SMD LED superred
0	DL 2	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 3	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 4	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 5	50.60.9401	1 pce	red	SMD LED superred
0	DL 6	50.60.9401	1 pce	red	SMD LED superred
0	DL 7	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 8	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 9	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 10	50.60.9401	1 pce	red	SMD LED superred
0	DL 11	50.60.9401	1 pce	red	SMD LED superred
0	DL 12	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 13	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 14	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 15	50.60.9401	1 pce	red	SMD LED superred
0	DL 16	50.60.9401	1 pce	red	SMD LED superred
0	DL 17	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 18	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 19	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 20	50.60.9401	1 pce	red	SMD LED superred
0	DL 21	50.60.9401	1 pce	red	SMD LED superred
0	DL 22	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 23	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 24	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 25	50.60.9401	1 pce	red	SMD LED superred
0	DL 26	50.60.9401	1 pce	red	SMD LED superred
0	DL 27	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 28	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 29	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 30	50.60.9401	1 pce	red	SMD LED superred
0	DL 31	50.60.9401	1 pce	red	SMD LED superred
0	DL 32	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 33	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 34	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 35	50.60.9401	1 pce	red	SMD LED superred
0	DL 36	50.60.9401	1 pce	red	SMD LED superred
0	DL 37	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 38	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 39	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 40	50.60.9401	1 pce	red	SMD LED superred
0	DL 41	50.60.9401	1 pce	red	SMD LED superred
0	DL 42	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 43	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 44	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 45	50.60.9401	1 pce	red	SMD LED superred
0	DL 46	50.60.9401	1 pce	red	SMD LED superred
0	DL 47	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 48	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 49	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 50	50.60.9401	1 pce	red	SMD LED superred
0	IC 1	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 2	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 3	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 4	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 5	50.62.1595	1 pce	74HC595	8bit shift/output register

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	IC 6	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 7	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 8	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 9	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 10	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 11	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 12	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 13	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 14	50.62.1244	1 pce	74HC244	Octal buffer line driver/recei
0	IC 15	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 16	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 17	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 18	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 19	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 20	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 21	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 22	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 23	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 24	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 25	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 26	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 27	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 28	50.62.1595	1 pce	74HC595	8bit shift/output register
0	MP 1	1.949.140.11	1 pce		Bargraph PCB
0	MP 2	1.949.140.10	1 pce		Nr. ETIKETTE 5x20
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNschild
0	MP 4	65.99.0189	20 pcs		Polyurethan-Klebband ws 9*1.6
0	MP 5	50.60.9416	50 pcs	laenge 20mm 3.717*12	Lichtleiter rechteckig für LED
0	P 1	1.023.114.05	1 pce		FLACHKABEL 40 POL. 0,34 M
0	R 1	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 2	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 3	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 4	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 5	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 6	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 7	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 8	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 9	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 10	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 11	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	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
0	R 14	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 15	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 16	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 17	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 18	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 19	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 20	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 21	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 22	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 23	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 24	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 25	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 26	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 27	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 28	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 29	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 30	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 31	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 32	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 33	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 34	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 35	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 36	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 37	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 38	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 39	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 40	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 41	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 42	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 43	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 44	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 45	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 46	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 47	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 48	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 49	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 50	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	VFD 1	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0	VFD 2	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0	VFD 3	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0	VFD 4	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0	VFD 5	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0	VFD 6	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0	VFD 7	73.01.0302	1 pce	Bargraph	Dual Bargraph Display

Bargraph Board 1.949.140.00 (0)

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	VFD 8	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0	VFD 9	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0	VFD 10	73.01.0302	1 pce	Bargraph	Dual Bargraph Display

End of List

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
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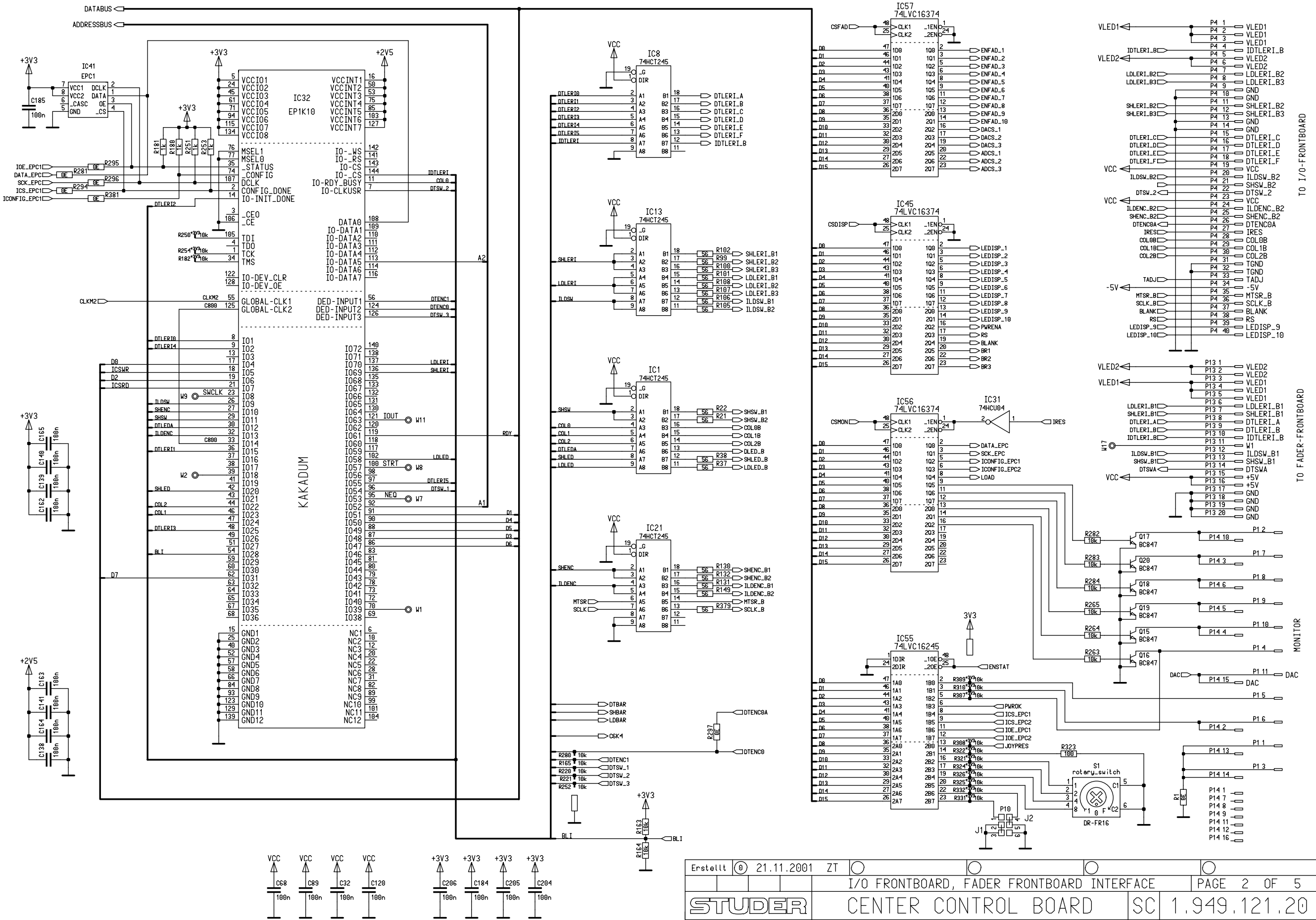
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The schematic diagram illustrates the internal circuitry of a device, featuring a central microcontroller (IC36, C16IU) interfaced with several memory and peripheral components. The system is powered by +3V3 and +2V5 rails, with various decoupling capacitors (C161, C169, C171, C172, C129, C130, C149, C195, C196, C207, C208) ensuring stable operation. Key components include:

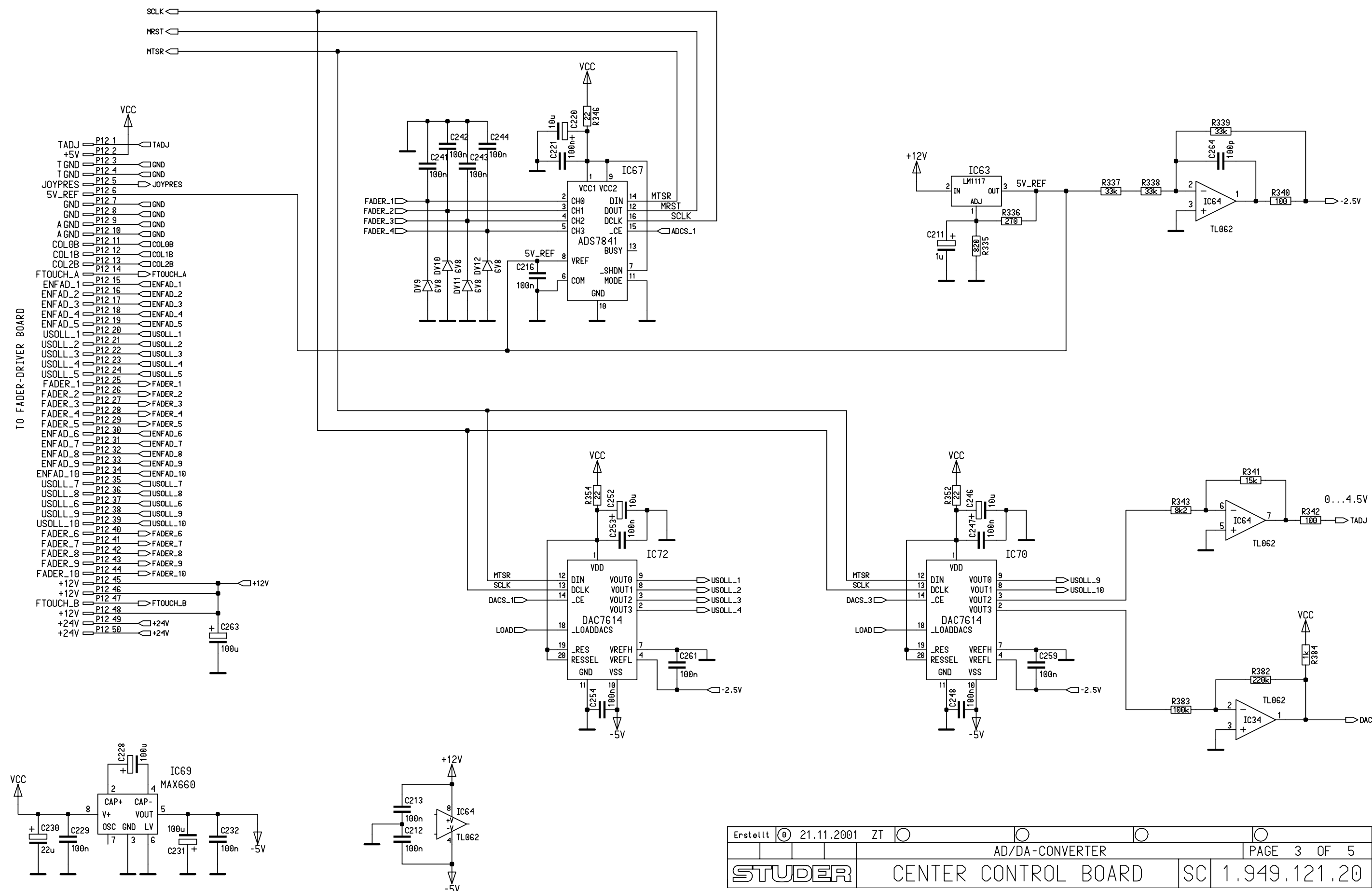
- Microcontroller (IC36, C16IU):** The central processing unit, connected to static RAM (IC58, IC59), flash memory (IC60, IC61), and a bargraph interface (IC40, EP1K10).
- Static RAM (IC58, IC59):** TC551001PL-FL10 chips providing 16Kb of memory.
- Flash Memory (IC60, IC61):** 29F040 PLCC32/DIP32 chips providing 4Kb of non-volatile storage.
- Bargraph Interface (IC40, EP1K10):** An EPLD (Erasable Programmable Logic Device) that controls the bargraph output.
- Connectors:** USB, JTAG, and a barcode scanner interface (LS0, LS1, etc.) are shown at the top of the board.
- Power and Grounding:** Multiple +3V3 and +2V5 power rails are distributed across the board, with ground connections for various signal lines.

The diagram also includes a table of components and their values, such as resistors (R161, R176, R278, R241, R247, R279, R277, R276, R248, R215, R216, R217, R218, R243, R238, R209, R207, R208, R234, R333, R334) and capacitors (C161, C169, C171, C172, C129, C130, C149, C195, C196, C207, C208).

Center Control Board 1.949.121.20 (0)



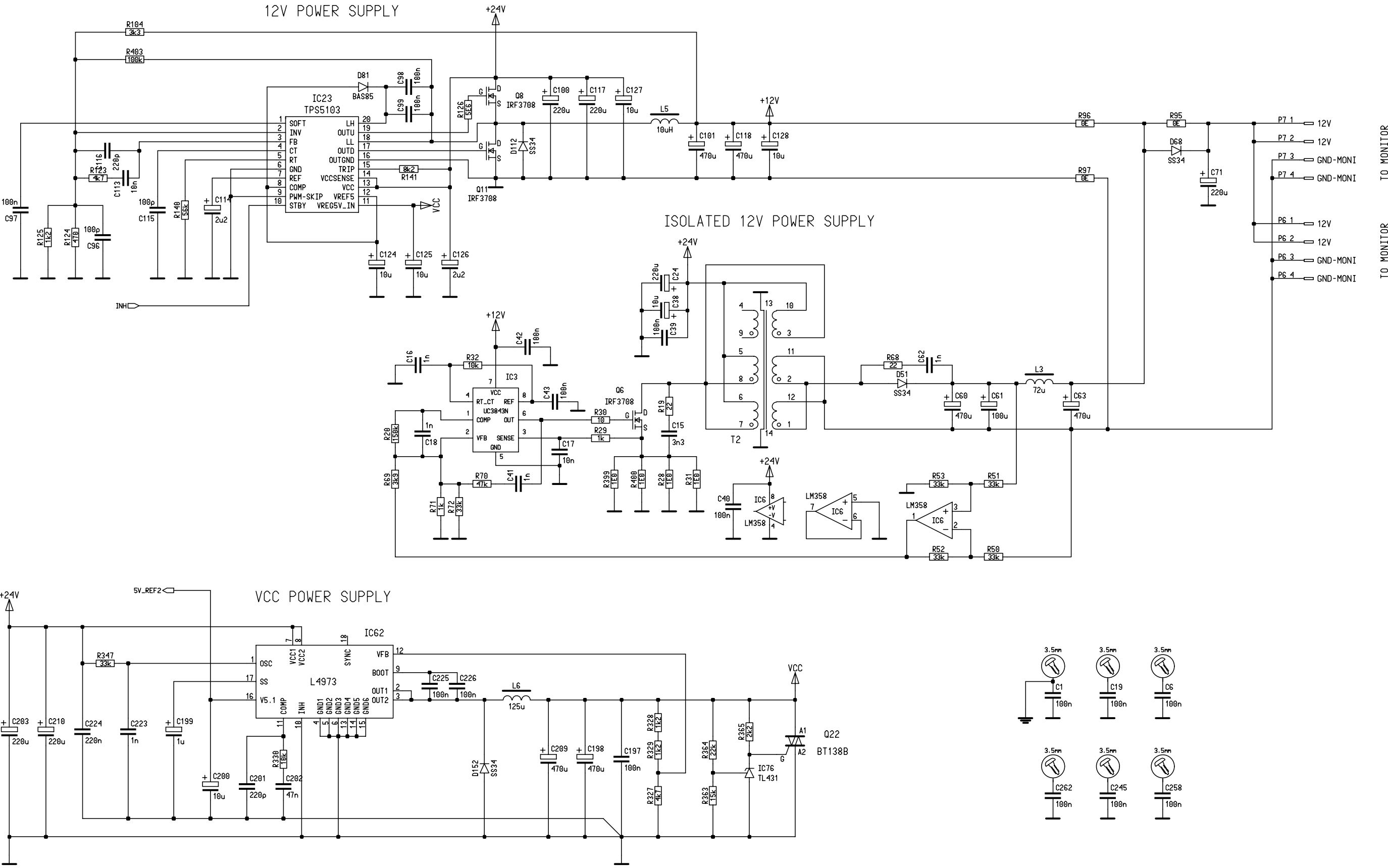
TO FADER-DRIVER BOARD



VLED2 POWER SUPPLY



Center Control Board 1.949.121.20 (0)



Accompanying documents: Zugehörige Unterlagen: PL, BV640		General tolerance: Freinastoleranz: .	Scale: Masstab: .	Edition Ausgabe	21.11.2001 Date Datum	ZT ML HW	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer:				Page: Seite:	1 / 1				
STUDER REGENSDORF		Description: Benennung:		Z		Number: 1.949.121.20			

Center Control Board 1.949.121.20 (0)

Page: 1 of 3

Idx. Pos.	Part No.	Qty.	Type/Val.	Description	Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 146	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7
0 C 2	59.05.2332	1 pce	3n3	PP, 2.5%, 160V	0 C 147	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 3	59.05.2332	1 pce	3n3	PP, 2.5%, 160V	0 C 148	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 4	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 C 149	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 5	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 C 158	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 6	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 159	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 9	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 160	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 10	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 161	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 11	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 162	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 15	not used	1 pce	3n3	CER 50V, 10%, X7R, 0805	0 C 163	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 16	not used	1 pce	1n0	CER 50V, 5%, C0G, 0805	0 C 164	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 17	not used	1 pce	10n	CER 50V, 10%, X7R, 0805	0 C 165	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 18	not used	1 pce	1n0	CER 50V, 5%, C0G, 0805	0 C 170	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 171	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 20	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 172	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 21	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 179	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 24	not used	1 pce	220u	EL 35V, 10 *10.7	0 C 180	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 25	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805	0 C 181	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 26	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603	0 C 182	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 27	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603	0 C 183	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 28	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603	0 C 184	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 29	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 185	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 30	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 190	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0 C 31	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 191	59.68.0069	1 pce	47u	EL 16V, 6.3*5.7
0 C 32	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 192	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 38	not used	1 pce	10u	EL 35V, 5.0*5.7	0 C 193	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 39	not used	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 194	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 40	not used	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 195	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 41	not used	1 pce	1n0	CER 50V, 5%, C0G, 0805	0 C 196	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 42	not used	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 197	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 43	not used	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 198	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0 C 44	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 C 199	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0 C 45	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 200	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 46	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 201	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603
0 C 47	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 202	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805
0 C 60	not used	1 pce	470u	EL 16V, 10 *10.7	0 C 203	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0 C 61	not used	1 pce	100u	EL 16V, 8.0*6.3	0 C 204	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 62	not used	1 pce	1n0	CER 50V, 5%, C0G, 0805	0 C 205	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 63	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 206	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 64	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 207	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 65	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 C 208	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 66	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 209	59.68.0075	1 pce	470u	EL 16V, 10 *10.7
0 C 67	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 210	59.68.0117	1 pce	220u	EL 35V, 10 *10.7
0 C 68	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 211	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0 C 71	59.68.0073	1 pce	220u	EL 16V, 8.0*10.7	0 C 212	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 72	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 213	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 73	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 216	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 74	59.60.3441	1 pce	220n	CER 50V, 10%, X7R, 1206	0 C 220	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 75	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805	0 C 221	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 76	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 223	59.60.2373	1 pce	1n0	CER 50V, 5%, C0G, 0805
0 C 87	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 224	59.60.3441	1 pce	220n	CER 50V, 10%, X7R, 1206
0 C 88	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 225	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 89	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 226	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 96	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603	0 C 228	59.68.0071	1 pce	100u	EL 16V, 8.0*6.3
0 C 97	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 229	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 98	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 230	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0 C 99	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 231	59.68.0071	1 pce	100u	EL 16V, 8.0*6.3
0 C 100	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 232	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 101	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 241	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 242	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 103	59.60.3333	1 pce	47n	CER 50V, 10%, X7R, 0805	0 C 243	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 104	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603	0 C 244	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 105	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805	0 C 245	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 106	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7	0 C 246	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 107	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 247	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 113	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805	0 C 248	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 114	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 C 252	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7
0 C 115	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603	0 C 253	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 116	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603	0 C 254	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 117	59.68.0117	1 pce	220u	EL 35V, 10 *10.7	0 C 258	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 118	59.68.0075	1 pce	470u	EL 16V, 10 *10.7	0 C 259	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 119	59.68.0065	1 pce	10u	EL 16V, 4.0*5.7	0 C 261	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 120	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 C 262	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0 C 124	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 263	59.68.0071	1 pce	100u	EL 16V, 8.0*6.3
0 C 125	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 C 264	59.60.2249	1 pce	100p	CER 50V, 5%, C0G, 0603
0 C 126	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 D 5	50.04.0507	1 pce	1N5402	D 1 N 5402,
0 C 127	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 128	59.68.0109	1 pce	10u	EL 35V, 5.0*5.7	0 D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 129	59.60.2237	1 pce	33p	CER 50V, 5%, C0G, 0603	0 D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 130	59.60.2237	1 pce	33p	CER 50V, 5%, C0G, 0603	0 D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0 C 131	59.60.2237	1 pce	33p	CER 50V, 5%, C0G, 0603	0 D 35	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 C 132	59.60.2237	1 pce	33p	CER 50V, 5%, C0G, 0603	0 D 51	not used	1 pce	SS34	3A 40V Schottky
0 C 137	59.68.0129	1 pce	2u2	EL 50V, 4.0*5.7	0 D 52	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 138	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 68	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 139	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 69	50.60.8102	1 pce	SS34	3A 40V Schottky
0 C 140	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 81	50.60.8101	1 pce	BAS85	200mA 30V Schottky SOD 80
0 C 141	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805	0 D 112	50.60.8102	1 pce	SS34	3A 40V Schottky

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description	Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	D 113	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80	0	Q 22	50.60.7001	1 pce	BT138B	Triac 8A, 600V, SOT 404
0	D 150	50.60.8003	1 pce	S1B	1000mA 100V DO 214AC	0	R 1	57.60.1000	1 pce	0R0	MF, 0204
0	D 151	50.60.8003	1 pce	S1B	1000mA 100V DO 214AC	0	R 2	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	D 152	50.60.8102	1 pce	SS34	3A 40V Schottky	0	R 3	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	DL 1	50.60.9402	1 pce	yel	SMD LED yellow	0	R 4	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	DV 9	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23	0	R 8	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	DV 10	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23	0	R 19	not used	1 pce	22R	MF, 1%, 0204, E24
0	DV 11	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23	0	R 20	not used	1 pce	150k	MF, 1%, 0204, E24
0	DV 12	50.60.9013	1 pce	6V8	5%, 0.2W, SOT 23	0	R 21	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 1	50.62.3245	1 pce	74HCT245	Octal bus transceiver	0	R 22	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 3	not used	1 pce	3843	IC IP 3843 N	0	R 28	not used	1 pce	1R	MF, 1%, 0204, E24
0	IC 6	not used	1 pce	LM358	Op-Amp single supply	0	R 29	not used	1 pce	1k0	MF, 1%, 0204, E24
0	IC 7	50.61.2004	1 pce	TPS 5103	Sync step down converter	0	R 30	not used	1 pce	10R	MF, 1%, 0204, E24
0	IC 8	50.62.3245	1 pce	74HCT245	Octal bus transceiver	0	R 31	not used	1 pce	1R	MF, 1%, 0204, E24
0	IC 13	50.62.3245	1 pce	74HCT245	Octal bus transceiver	0	R 32	not used	1 pce	10k	MF, 1%, 0204, E24
0	IC 18	50.10.0127	1 pce	4973V3.3	Switching Reg 3.3V 3.5A	0	R 33	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	IC 21	50.62.3245	1 pce	74HCT245	Octal bus transceiver	0	R 34	not used	1 pce	560R	MF, 1%, 0204, E24
0	IC 23	50.61.2004	1 pce	TPS 5103	Sync step down converter	0	R 35	57.60.1182	1 pce	1k8	MF, 1%, 0204, E24
0	IC 24	50.10.0106	1 pce	TL431	Shunt regulator	0	R 36	57.60.1569	1 pce	5R6	MF, 1%, 0204, E24
0	IC 30	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0	R 37	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 31	50.62.1904	1 pce	74HCU04	Hex inverter unbuffered	0	R 38	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 32	50.63.4212	1 pce	EP1K10	PLD 10 000 gates	0	R 50	not used	1 pce	33k	MF, 1%, 0204, E24
0	IC 34	50.61.0201	1 pce	TL062	Dual FET Op-Amp	0	R 51	not used	1 pce	33k	MF, 1%, 0204, E24
0	IC 35	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0	R 52	not used	1 pce	33k	MF, 1%, 0204, E24
0	IC 36	50.63.0101	1 pce	C161U	MCU 16bit	0	R 53	not used	1 pce	33k	MF, 1%, 0204, E24
0	IC 39	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8	0	R 54	57.60.1682	1 pce	6k8	MF, 1%, 0204, E24
0	IC 40	50.63.4212	1 pce	EP1K10	PLD 10 000 gates	0	R 55	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	IC 41	not used	1 pce	EPC1	EPLD Config ROM	0	R 56	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	IC 45	50.65.0974	1 pce	LVC16374	16bit Latch	0	R 57	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	IC 46	not used	1 pce	EPC1	EPLD Config ROM	0	R 58	57.60.1823	1 pce	82k	MF, 1%, 0204, E24
0	IC 49	50.65.0138	1 pce	LVC138	3 to 8 line decoder	0	R 59	57.60.1123	1 pce	12k	MF, 1%, 0204, E24
0	IC 50	50.65.0138	1 pce	LVC138	3 to 8 line decoder	0	R 68	not used	1 pce	22R	MF, 1%, 0204, E24
0	IC 51	50.65.0138	1 pce	LVC138	3 to 8 line decoder	0	R 69	not used	1 pce	3k9	MF, 1%, 0204, E24
0	IC 52	50.63.2002	1 pce	MAX6358	Dual volt. uP supervisor	0	R 70	not used	1 pce	47k	MF, 1%, 0204, E24
0	IC 53	50.61.2003	1 pce	LM1117	Lin Reg 800mA adj	0	R 71	not used	1 pce	1k0	MF, 1%, 0204, E24
0	IC 54	50.61.2003	1 pce	LM1117	Lin Reg 800mA adj	0	R 72	not used	1 pce	33k	MF, 1%, 0204, E24
0	IC 55	50.65.0945	1 pce	LVC16245	16bit Bus-transceiver	0	R 73	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	IC 56	50.65.0974	1 pce	LVC16374	16bit Latch	0	R 95	not used	1 pce	0R0	MF, 0204
0	IC 57	50.65.0974	1 pce	LVC16374	16bit Latch	0	R 96	57.60.1000	1 pce	0R0	MF, 0204
0	IC 58	not used	1 pce	551001	SRAM 128K*8, 100ns	0	R 97	57.60.1000	1 pce	0R0	MF, 0204
0	IC 59	not used	1 pce	551001	SRAM 128K*8, 100ns	0	R 98	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0	IC 60	1.949.950.20		SW120 low (50.63.1301)	SW120 low (50.63.1301)	0	R 99	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 61	1.949.951.20		SW120 high (50.63.1301)	SW120 high (50.63.1301)	0	R 100	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 62	50.10.0127	1 pce	4973V3.3	Switching Reg 3.3V 3.5A	0	R 101	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 63	50.61.2003	1 pce	LM1117	Lin Reg 800mA adj	0	R 102	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 64	50.61.0201	1 pce	TL062	Dual FET Op-Amp	0	R 104	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	IC 67	50.61.8106	1 pce	ADS7841	4*A/D Converter 12bit SO 16	0	R 105	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 69	50.10.0124	1 pce	MAX660	V-Converter ... +5.5V to -5.5V	0	R 106	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 70	50.61.8006	1 pce	DAC7614	4*D/A Converter 12bit SO 20	0	R 107	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 72	50.61.8006	1 pce	DAC7614	4*D/A Converter 12bit SO 20	0	R 108	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	IC 76	50.10.0106	1 pce	TL431	Shunt regulator	0	R 123	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	L 1	62.03.0005	1 pce	250uH	1A Toroid Chocke	0	R 124	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	L 2	62.60.0510	1 pce	10uH	SMD 6.5A 8860	0	R 125	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24
0	L 3	not used	1 pce	72uH	2A Toroid Chocke	0	R 126	57.60.1569	1 pce	5R6	MF, 1%, 0204, E24
0	L 4	62.03.0030	1 pce	110uH	3A Toroid Chocke	0	R 127	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	L 5	62.60.0510	1 pce	10uH	SMD 6.5A 8860	0	R 128	57.60.1682	1 pce	6k8	MF, 1%, 0204, E24
0	L 6	62.03.0020	1 pce	125uH	2A Toroid Chocke	0	R 129	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	MP 1	1.949.120.11	1 pce		Control Board PCB	0	R 130	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	MP 2	1.949.121.10	1 pce		NR. ETIKETTE 5x20	0	R 131	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD	0	R 132	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	P 1	54.99.0258	1 pce	11p	Stecker für SamsungTFTDisplay	0	R 140	57.60.1563	1 pce	56k	MF, 1%, 0204, E24
0	P 2	54.20.1001	1 pce	8p	RJ 45 Modular Jack side entry	0	R 141	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	P 3	54.14.2054	1 pce	40p	Stecker gerade Au	0	R 142	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0	P 4	54.14.2054	1 pce	40p	Stecker gerade Au	0	R 143	57.60.1392	1 pce	3k9	MF, 1%, 0204, E24
0	P 5	54.14.2057	1 pce	20p	Stecker gerade Au	0	R 144	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0	P 6	54.12.0704	1 pce	4p	Stecker gerade PCB	0	R 145	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	P 7	54.12.0704	1 pce	4p	Stecker gerade PCB	0	R 146	57.60.1123	1 pce	12k	MF, 1%, 0204, E24
0	P 8	54.14.2002	1 pce	16p	1/20" Au, gerade, ohne Verrieg	0	R 147	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	P 10	54.11.0136	1 pce	2*3p	Pin 0.63*0.63, RM2.54	0	R 148	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0	P 12	54.14.2015	1 pce	50p	Winkelstecker Au	0	R 149	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	P 13	54.14.2017	1 pce	20p	Winkelstecker Au	0	R 161	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	P 14	54.14.2002	1 pce	16p	1/20" Au, gerade, ohne Verrieg	0	R 162	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	Q 2	50.60.0150	1 pce	FZT653	NPN 100V 2.0A SOT 223	0	R 163	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	Q 3	50.60.0150	1 pce	FZT653	NPN 100V 2.0A SOT 223	0	R 164	not used	1 pce	10k	MF, 1%, 0204, E24
0	Q 4	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A	0	R 165	57.69.1097	1 pce	10k	CF 5% 0603
0	Q 6	not used	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A	0	R 169	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	Q 7	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A	0	R 170	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0	Q 8	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A	0	R 171	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0	Q 11	50.60.2202	1 pce	IRF3708	PowerMOS N-Ch 30V, 50A	0	R 172	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	Q 14	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23	0	R 173	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	Q 15	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23	0	R 174	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0	Q 16	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23	0	R 176	not used	1 pce	100R	MF, 1%, 0204, E24
0	Q 17	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23	0	R 177	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	Q 18	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23	0	R 178	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0	Q 19	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23	0	R 179	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0	Q 20	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23	0	R 180	57.69.1073	1 pce	1k0	CF 5% 0603
0	Q 21	50.60.7001	1 pce	BT138B	Triac 8A, 600V, SOT 404	0	R 181	57.69.1073	1 pce	1k0	CF 5% 0603

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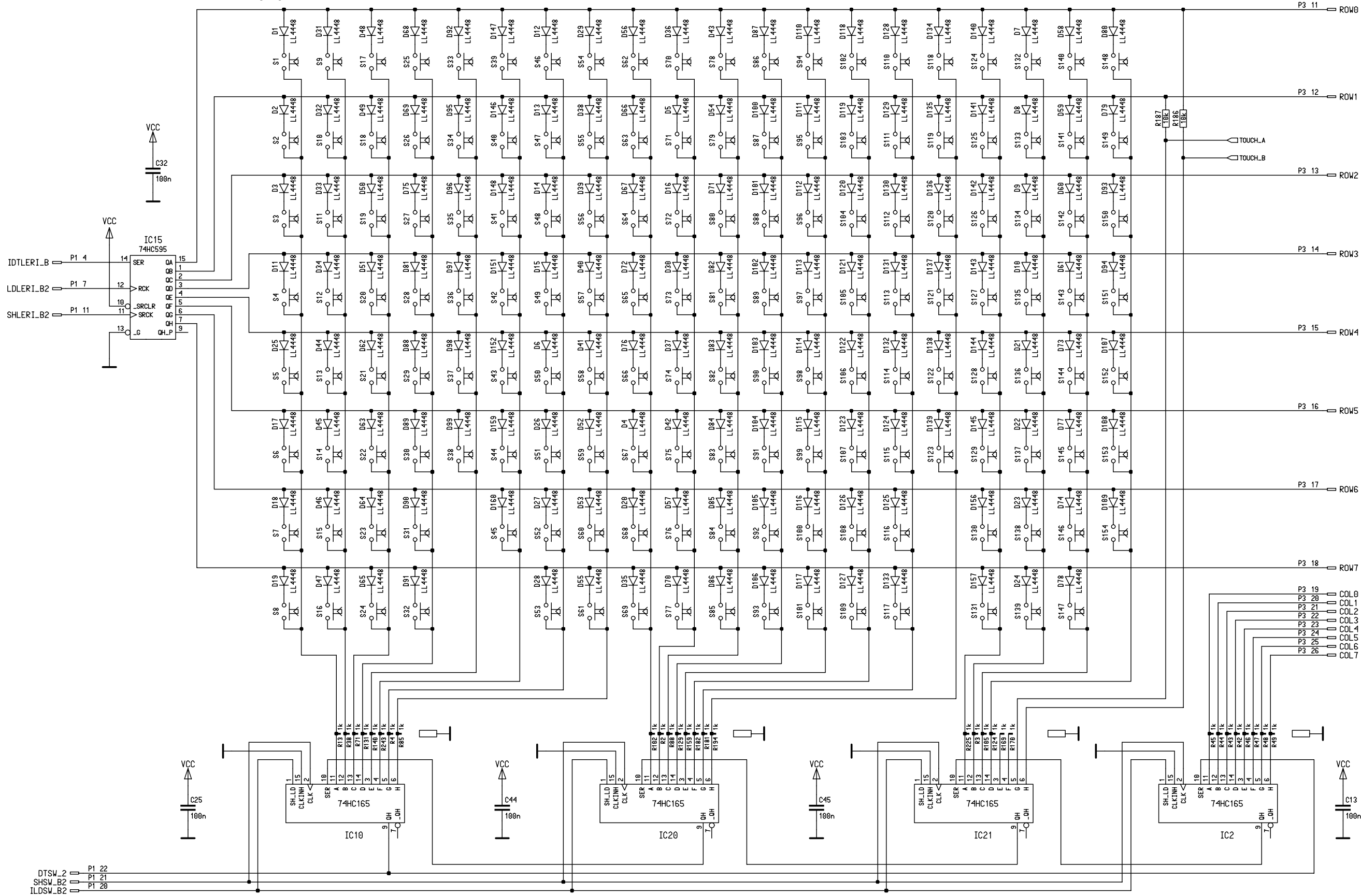
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Idx. Pos.	Part No.	Qty.	Type/Val.	Description	Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 R 182	57.69.1097	1 pce	10k	CF 5% 0603	0 R 309	57.69.1097	1 pce	10k	CF 5% 0603
0 R 201	57.60.1105	1 pce	1M	MF, 1%, 0204, E24	0 R 310	57.69.1097	1 pce	10k	CF 5% 0603
0 R 202	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24	0 R 315	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 203	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24	0 R 316	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0 R 204	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24	0 R 317	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0 R 205	not used	1 pce	56R	MF, 1%, 0204, E24	0 R 318	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0 R 206	57.69.1097	1 pce	10k	CF 5% 0603	0 R 319	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24
0 R 207	57.60.1330	1 pce	33R	MF, 1%, 0204, E24	0 R 320	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 R 208	not used	1 pce	33R	MF, 1%, 0204, E24	0 R 321	57.69.1097	1 pce	10k	CF 5% 0603
0 R 209	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24	0 R 322	57.69.1097	1 pce	10k	CF 5% 0603
0 R 210	57.69.1097	1 pce	10k	CF 5% 0603	0 R 323	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0 R 211	57.69.1097	1 pce	10k	CF 5% 0603	0 R 324	57.69.1097	1 pce	10k	CF 5% 0603
0 R 212	57.69.1097	1 pce	10k	CF 5% 0603	0 R 325	57.69.1097	1 pce	10k	CF 5% 0603
0 R 213	57.60.1561	1 pce	560R	MF, 1%, 0204, E24	0 R 326	57.69.1097	1 pce	10k	CF 5% 0603
0 R 214	57.69.1097	1 pce	10k	CF 5% 0603	0 R 327	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 215	57.60.1560	1 pce	56R	MF, 1%, 0204, E24	0 R 328	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24
0 R 216	57.69.1097	1 pce	10k	CF 5% 0603	0 R 329	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24
0 R 217	57.69.1097	1 pce	10k	CF 5% 0603	0 R 330	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 218	57.69.1097	1 pce	10k	CF 5% 0603	0 R 331	57.69.1097	1 pce	10k	CF 5% 0603
0 R 219	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24	0 R 332	57.69.1097	1 pce	10k	CF 5% 0603
0 R 220	57.69.1097	1 pce	10k	CF 5% 0603	0 R 333	57.69.1097	1 pce	10k	CF 5% 0603
0 R 221	57.69.1097	1 pce	10k	CF 5% 0603	0 R 334	57.69.1097	1 pce	10k	CF 5% 0603
0 R 228	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24	0 R 335	57.60.1821	1 pce	820R	MF, 1%, 0204, E24
0 R 229	57.60.1105	1 pce	1M	MF, 1%, 0204, E24	0 R 336	57.60.1271	1 pce	270R	MF, 1%, 0204, E24
0 R 230	57.60.1273	1 pce	27k	MF, 1%, 0204, E24	0 R 337	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 231	57.60.1122	1 pce	1k2	MF, 1%, 0204, E24	0 R 338	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 232	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24	0 R 339	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 233	57.60.1105	1 pce	1M	MF, 1%, 0204, E24	0 R 340	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0 R 234	57.69.1073	1 pce	1k0	CF 5% 0603	0 R 341	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 235	57.69.1097	1 pce	10k	CF 5% 0603	0 R 342	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0 R 236	57.69.1073	1 pce	1k0	CF 5% 0603	0 R 343	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24
0 R 237	57.69.1097	1 pce	10k	CF 5% 0603	0 R 346	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 R 238	57.69.1097	1 pce	10k	CF 5% 0603	0 R 347	57.60.1333	1 pce	33k	MF, 1%, 0204, E24
0 R 239	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24	0 R 352	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 R 240	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24	0 R 354	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0 R 241	57.69.1097	1 pce	10k	CF 5% 0603	0 R 363	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0 R 242	57.69.1097	1 pce	10k	CF 5% 0603	0 R 364	57.60.1223	1 pce	22k	MF, 1%, 0204, E24
0 R 243	57.69.1097	1 pce	10k	CF 5% 0603	0 R 365	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0 R 244	57.69.1097	1 pce	10k	CF 5% 0603	0 R 379	57.60.1560	1 pce	56R	MF, 1%, 0204, E24
0 R 245	57.60.1220	1 pce	22R	MF, 1%, 0204, E24	0 R 380	57.60.1000	1 pce	0R0	MF, 0204
0 R 246	57.60.1220	1 pce	22R	MF, 1%, 0204, E24	0 R 381	57.60.1000	1 pce	0R0	MF, 0204
0 R 247	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24	0 R 382	57.60.1224	1 pce	220k	MF, 1%, 0204, E24
0 R 248	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 R 383	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0 R 249	not used	1 pce	0R0	MF, 0204	0 R 384	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 250	57.69.1097	1 pce	10k	CF 5% 0603	0 R 385	57.69.1097	1 pce	10k	CF 5% 0603
0 R 251	57.69.1073	1 pce	1k0	CF 5% 0603	0 R 386	57.69.1097	1 pce	10k	CF 5% 0603
0 R 252	57.69.1097	1 pce	10k	CF 5% 0603	0 R 387	57.69.1097	1 pce	10k	CF 5% 0603
0 R 253	57.69.1073	1 pce	1k0	CF 5% 0603	0 R 388	57.69.1097	1 pce	10k	CF 5% 0603
0 R 254	57.69.1097	1 pce	10k	CF 5% 0603	0 R 389	57.69.1097	1 pce	10k	CF 5% 0603
0 R 263	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 R 390	57.69.1097	1 pce	10k	CF 5% 0603
0 R 264	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 R 391	not used	1 pce	10k	CF 5% 0603
0 R 265	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 R 392	57.69.1097	1 pce	10k	CF 5% 0603
0 R 266	57.60.1105	1 pce	1M	MF, 1%, 0204, E24	0 R 393	57.69.1097	1 pce	10k	CF 5% 0603
0 R 267	57.60.1272	1 pce	2k7	MF, 1%, 0204, E24	0 R 394	57.69.1097	1 pce	10k	CF 5% 0603
0 R 268	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 R 395	57.69.1097	1 pce	10k	CF 5% 0603
0 R 269	57.60.1105	1 pce	1M	MF, 1%, 0204, E24	0 R 396	57.69.1097	1 pce	10k	CF 5% 0603
0 R 270	57.60.1561	1 pce	560R	MF, 1%, 0204, E24	0 R 397	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0 R 271	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 R 398	57.60.1101	1 pce	100R	MF, 1%, 0204, E24
0 R 272	57.69.1097	1 pce	10k	CF 5% 0603	0 R 399	not used	1 pce	1R	MF, 1%, 0204, E24
0 R 273	57.69.1073	1 pce	1k0	CF 5% 0603	0 R 400	not used	1 pce	1R	MF, 1%, 0204, E24
0 R 274	57.60.1560	1 pce	56R	MF, 1%, 0204, E24	0 R 401	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 R 275	57.69.1073	1 pce	1k0	CF 5% 0603	0 R 402	not used	1 pce	100k	MF, 1%, 0204, E24
0 R 276	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24	0 R 403	not used	1 pce	100k	MF, 1%, 0204, E24
0 R 277	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24	0 S 1	55.12.1131	1 pce	N=16	Dreh-Codierschalter
0 R 278	57.69.1097	1 pce	10k	CF 5% 0603	0 S 2	55.60.0201	1 pce	1*s	SMD Tactswitch
0 R 279	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24	0 T 1	1.022.661.00	1 pce		Trafo VFD
0 R 280	57.69.1097	1 pce	10k	CF 5% 0603	0 T 2	not used	1 pce		
0 R 281	57.60.1000	1 pce	0R0	MF, 0204	0 XIC 60	53.03.2232	1 pce	32p	PLCC-Socket
0 R 282	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 XIC 61	53.03.2232	1 pce	32p	PLCC-Socket
0 R 283	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 Y 1	89.60.1010	1 pce	8.000MHz	SMD Quartz
0 R 284	57.60.1103	1 pce	10k	MF, 1%, 0204, E24	0 Y 2	89.60.1008	1 pce	3.6864MHz	SMD Quartz
0 R 285	57.60.1000	1 pce	0R0	MF, 0204					
0 R 286	57.60.1000	1 pce	0R0	MF, 0204					
0 R 287	57.60.1000	1 pce	0R0	MF, 0204					
0 R 288	not used	1 pce	8k2	MF, 1%, 0204, E24					
0 R 289	not used	1 pce	8k2	MF, 1%, 0204, E24					
0 R 290	not used	1 pce	8k2	MF, 1%, 0204, E24					
0 R 291	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24					
0 R 292	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24					
0 R 293	57.60.1822	1 pce	8k2	MF, 1%, 0204, E24					
0 R 294	57.60.1000	1 pce	0R0	MF, 0204					
0 R 295	57.60.1000	1 pce	0R0	MF, 0204					
0 R 296	57.60.1000	1 pce	0R0	MF, 0204					
0 R 297	57.60.1000	1 pce	0R0	MF, 0204					
0 R 300	57.60.1000	1 pce	0R0	MF, 0204					
0 R 307	57.69.1097	1 pce	10k	CF 5% 0603					
0 R 308	57.69.1097	1 pce	10k	CF 5% 0603					

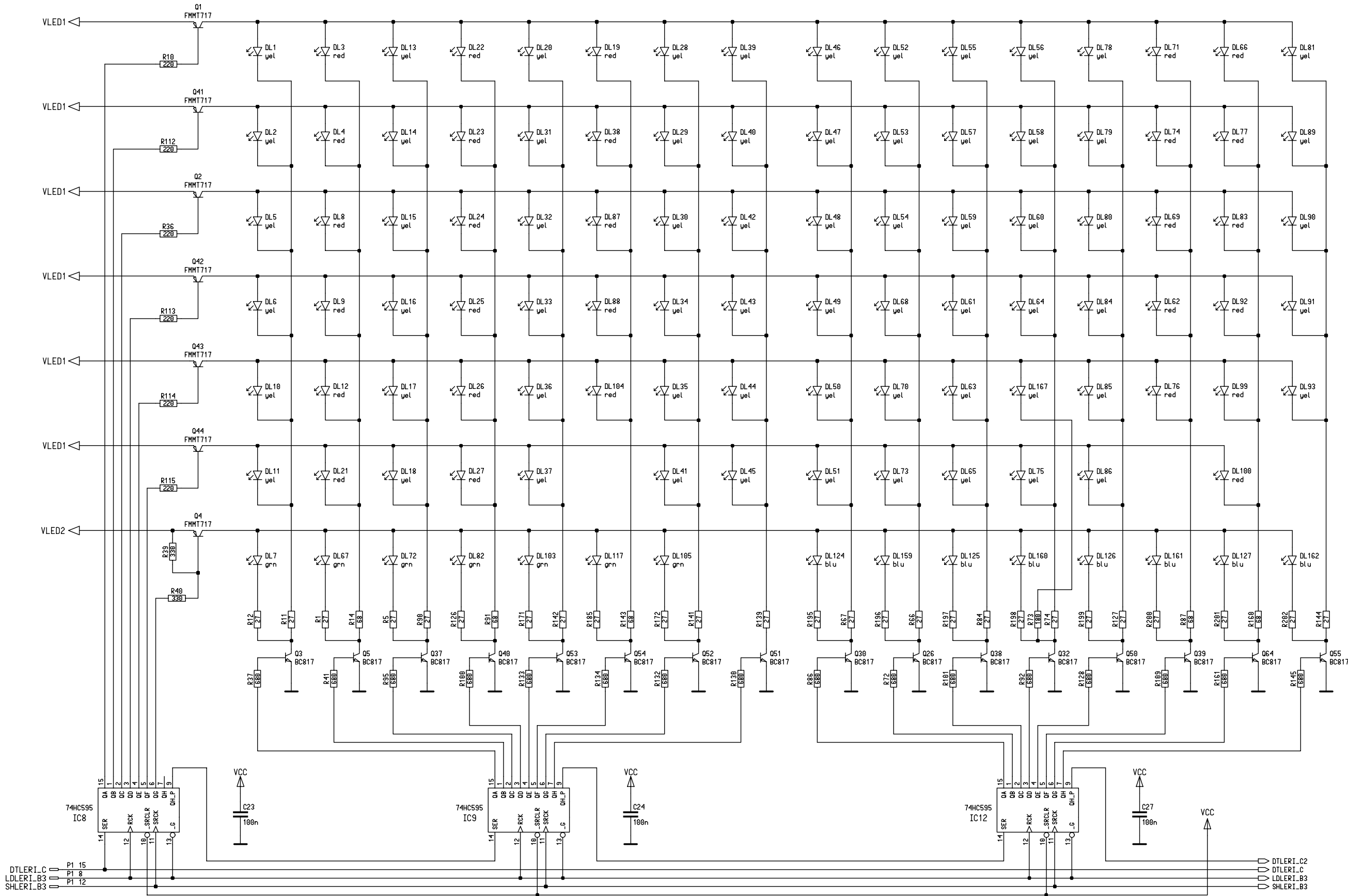
End of List

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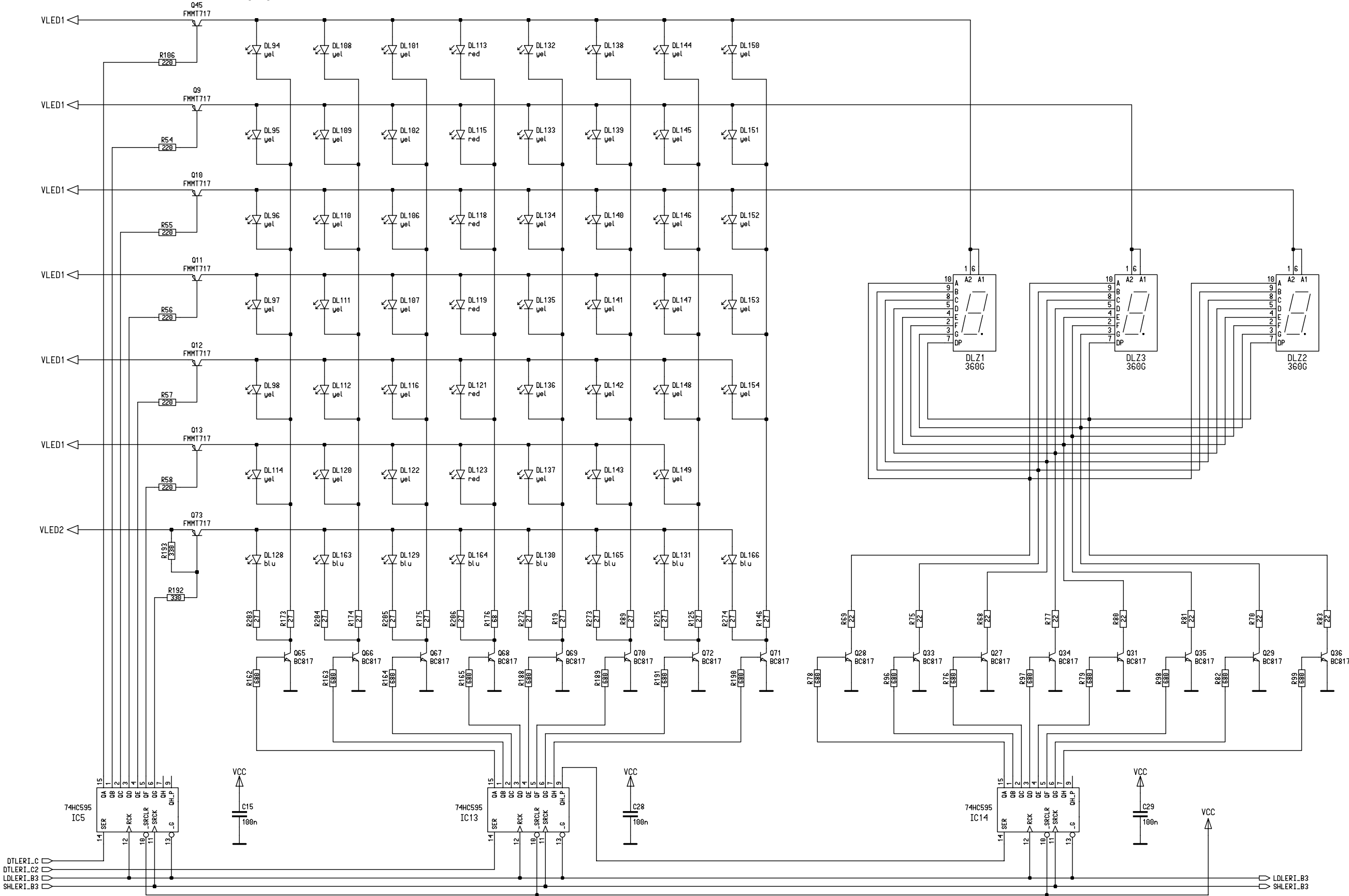
Center Front Board Bottom 1.949.125.00 (1)



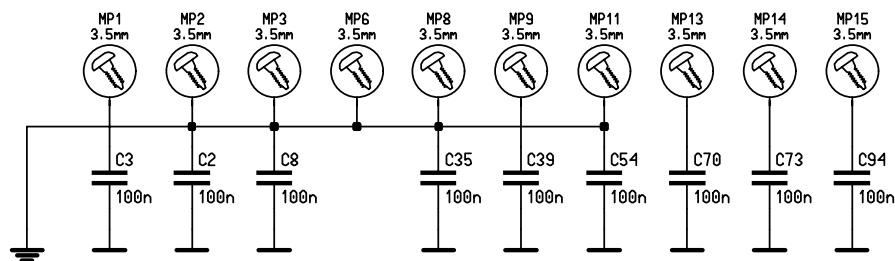
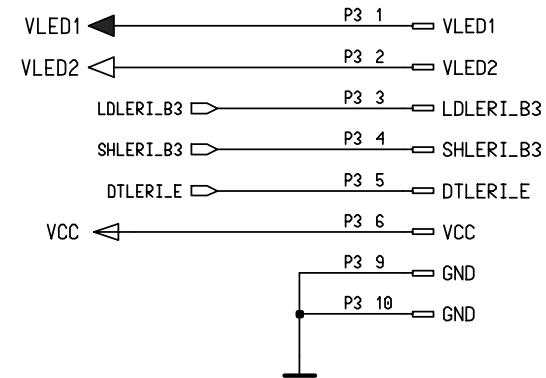
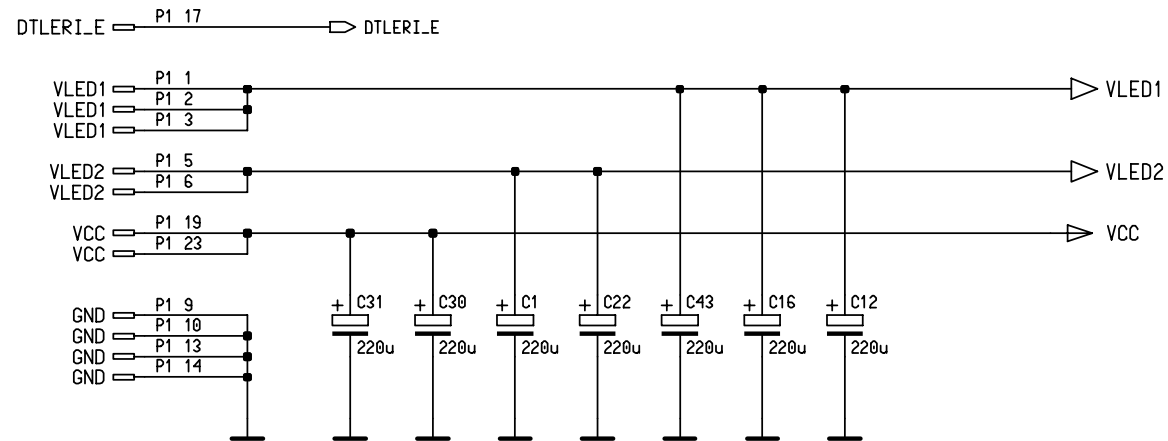
Center Front Board Bottom 1.949.125.00 (1)



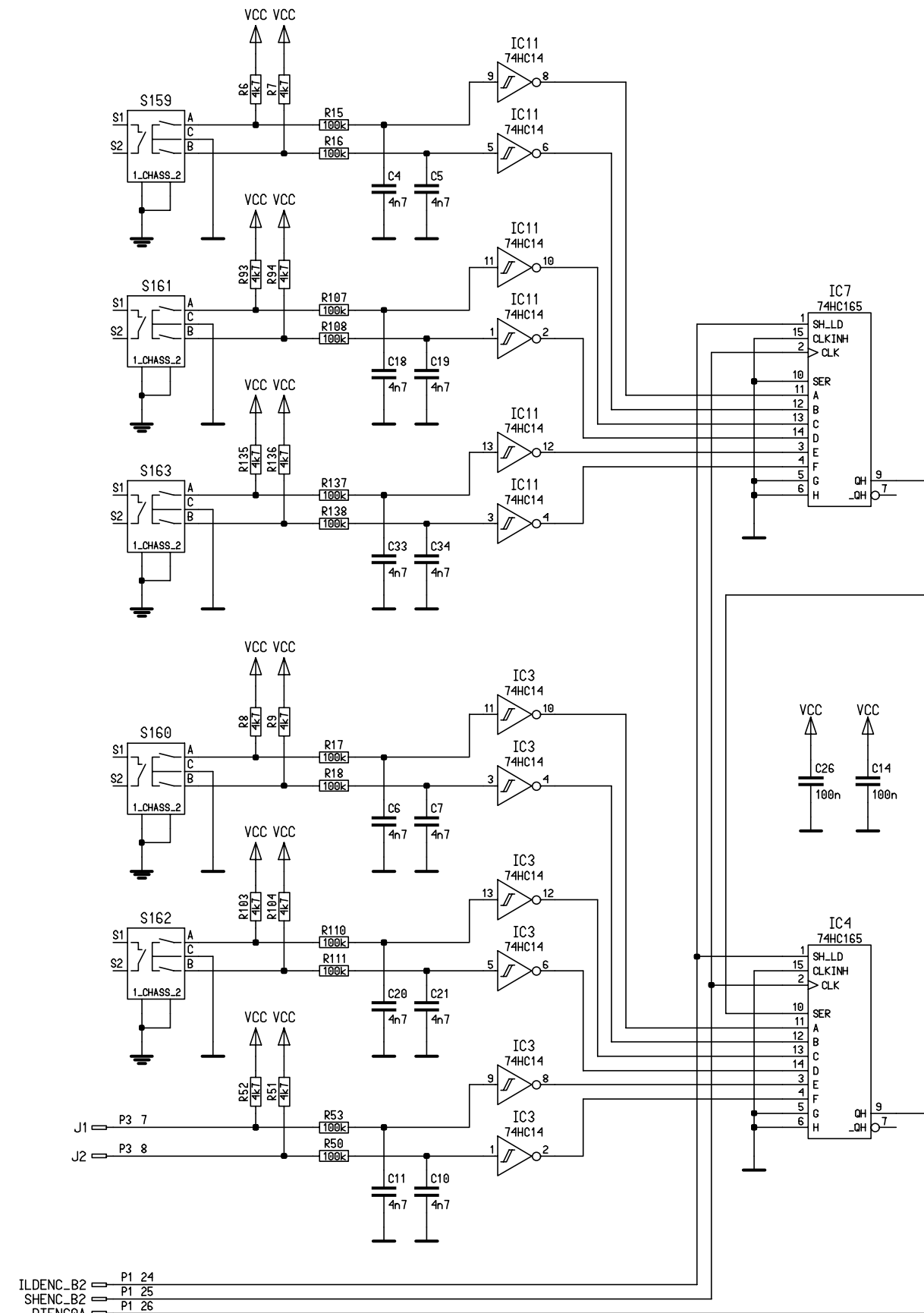
Center Front Board Bottom 1.949.125.00 (1)



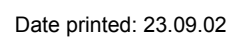
Erstellt	0	26.10.2001	PZ	1	16.07.2002	PZ			
				VISTA					PAGE 3 OF 7
STUDER				CENTER BOTTOM FRONTBOARD				SC	1.949.125.00



⑥ 26.10.2001 PZ	① 16.07.2002 PZ	○	○	○
		VISTA		PAGE 4 OF 7
STUDER	CENTER BOTTOM FRONTBOARD	SC	1.949.125.00	

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Erstellt	26.10.2001	PZ	16.07.2002	PZ			
			VISTA			PAGE 6 OF 7	
STUDER	CENTER BOTTOM FRONTBOARD				SC	1.949.125.00	

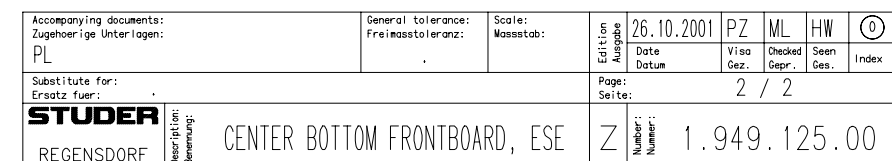
The schematic diagram illustrates a multi-channel audio amplifier system. It features four input channels, each with a pre-amplifier stage (TL062) and a variable gain stage (LM393). The outputs of these stages are connected to a central processing unit that includes a touch sensor (J14), a motor driver (J12, J13, J17), and a volume control section (J15, J18). The circuit is powered by a +6V_2 supply and includes various passive components like resistors, capacitors, and diodes. The schematic is labeled with component values and pin numbers, and includes a legend at the bottom.

Legend:

- Enstelt (A) 26 10 2001 P7
- (1) 16 07 2002 P7
- (2) 16 07 2002 P7
- (3) 16 07 2002 P7
- (4) 16 07 2002 P7
- (5) 16 07 2002 P7
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- (98) 16 07 2002 P7
- (99) 16 07 2002 P7
- (100) 16 07 2002 P7

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Solder Side



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Idx. Pos.	Part No.	Qty.	Type/Val.	Description	Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 DL 84	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 1	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 85	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 2	50.62.1165	1 pce	74HC165	8bit shift register
0 DL 86	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 3	50.62.1014	1 pce	74HC 14	Hex Schmitt trigger inverter
0 DL 87	50.60.9401	1 pce	red	SMD LED superred	0 IC 4	50.62.1165	1 pce	74HC165	8bit shift register
0 DL 88	50.60.9401	1 pce	red	SMD LED superred	0 IC 5	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 89	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 6	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 90	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 7	50.62.1165	1 pce	74HC165	8bit shift register
0 DL 91	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 8	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 92	50.60.9401	1 pce	red	SMD LED superred	0 IC 9	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 93	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 10	50.62.1165	1 pce	74HC165	8bit shift register
0 DL 94	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 11	50.62.1014	1 pce	74HC 14	Hex Schmitt trigger inverter
0 DL 95	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 12	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 96	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 13	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 97	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 14	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 98	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 15	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 99	50.60.9401	1 pce	red	SMD LED superred	1 IC 16	50.61.0202	1 pce	LM358	Dual Op-Amp
0 DL 100	50.60.9401	1 pce	red	SMD LED superred	0 IC 17	50.62.1595	1 pce	74HC595	8bit shift/output register
0 DL 101	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 18	73.01.0409	1 pce	8character	5"7 Dot matrix display green
0 DL 102	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 19	73.01.0409	1 pce	8character	5"7 Dot matrix display green
0 DL 103	50.60.9417	1 pce	grn	SMD LED 1.25"2.0	0 IC 20	50.62.1165	1 pce	74HC165	8bit shift register
0 DL 104	50.60.9401	1 pce	red	SMD LED superred	0 IC 21	50.62.1165	1 pce	74HC165	8bit shift register
0 DL 105	50.60.9417	1 pce	grn	SMD LED 1.25"2.0	0 IC 22	not used	1 pce	LM393	Dual voltage comp. SO 8
0 DL 106	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 23	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 DL 107	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 24	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 DL 108	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 25	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 DL 109	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 26	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 DL 110	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 27	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 DL 111	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 28	50.61.9001	1 pce	LM393	Dual voltage comp. SO 8
0 DL 112	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 29	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 DL 113	50.60.9401	1 pce	red	SMD LED superred	0 IC 30	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 DL 114	50.60.9402	1 pce	yel	SMD LED yellow	0 IC 31	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 DL 115	50.60.9401	1 pce	red	SMD LED superred	0 IC 32	50.61.0201	1 pce	TL062	Dual FET Op-Amp
0 DL 116	50.60.9402	1 pce	yel	SMD LED yellow	0 JP 1	54.01.0021	1 pce	Jumper	0.63"0.63mm, Au
0 DL 117	50.60.9417	1 pce	grn	SMD LED 1.25"2.0	0 MP 1	1.949.125.11	1 pce		Center Frontboard Bottom PCB
0 DL 118	50.60.9401	1 pce	red	SMD LED superred	0 MP 2	1.949.125.10	1 pce		NR. ETIKETTE 5x20
0 DL 119	50.60.9401	1 pce	red	SMD LED superred	0 MP 3	43.01.0108	1 pce	Label	ESE-WARNNSCHILD
0 DL 120	50.60.9402	1 pce	yel	SMD LED yellow	0 MP 4	53.03.0187	4 pcs	14p	DIL 0.3", lot, H=6
0 DL 121	50.60.9401	1 pce	red	SMD LED superred	0 MP 5	1.949.125.01	1 pce		Rubber Key Set
0 DL 122	50.60.9402	1 pce	yel	SMD LED yellow	0 P 1	1.023.114.06	1 pce		FLACHKABEL 40 POL. 0,5 M
0 DL 123	50.60.9401	1 pce	red	SMD LED superred	0 P 2	1.023.115.03	1 pce		FLACHKABEL 50 POL. 0,25M
0 DL 124	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 P 3	1.023.112.15	1 pce		FLACHKABEL 26 POL. 0,14M
0 DL 125	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 P 4	54.11.0125	1 pce	1p	Pin, 1reiheig, winkel
0 DL 126	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 P 5	54.11.0125	1 pce	1p	Pin, 1reiheig, winkel
0 DL 127	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 1	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 128	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 2	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 129	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 3	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 130	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 4	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 131	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 5	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 132	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 6	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 133	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 7	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 134	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 8	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 135	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 9	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 136	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 10	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 137	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 11	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 138	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 12	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 139	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 13	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 140	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 14	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 141	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 15	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 142	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 16	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 143	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 17	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 144	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 18	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 145	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 19	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 146	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 20	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 147	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 21	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DL 148	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 22	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 149	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 23	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 150	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 24	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 151	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 25	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 152	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 26	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 153	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 27	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 154	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 28	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 155	50.04.2860	1 pce		LED Ring	0 Q 29	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 156	50.04.2860	1 pce		LED Ring	0 Q 30	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 157	50.04.2860	1 pce		LED Ring	0 Q 31	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 158	50.04.2860	1 pce		LED Ring	0 Q 32	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 159	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 33	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 160	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 34	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 161	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 35	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 162	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 36	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 163	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 37	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 164	50.60.9418	1 pce	blu	SMD LED 1.25"2.0	0 Q 38	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 165	not used	1 pce	blu	SMD LED 1.25"2.0	0 Q 39	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 166	not used	1 pce	blu	SMD LED 1.25"2.0	0 Q 40	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23
0 DL 167	50.60.9402	1 pce	yel	SMD LED yellow	0 Q 41	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DLZ 1	73.01.0137	1 pce	7-SEG	7-Segm.Anzeige LED gn 9.1mm	0 Q 42	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DLZ 2	73.01.0137	1 pce	7-SEG	7-Segm.Anzeige LED gn 9.1mm	0 Q 43	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23
0 DLZ 3	73.01.0137	1 pce	7-SEG	7-Segm.Anzeige LED gn 9.1mm	0 Q 44	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23

Center Frontboard Bottom 1.949.125.00 (1)

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description	Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	Q 45	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0	R 41	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0	Q 46	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 42	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	Q 47	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 43	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	Q 48	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 44	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	Q 49	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 45	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	Q 50	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 46	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	Q 51	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 47	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	Q 52	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 48	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	Q 53	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 49	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	Q 54	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 50	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	Q 55	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 51	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	Q 56	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 52	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24
0	Q 57	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 53	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	Q 58	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 54	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	Q 59	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 55	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	Q 60	50.60.1120	1 pce	BCP51-16	PNP 45V 1.0A SOT 223	0	R 56	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	Q 61	50.60.1120	1 pce	BCP51-16	PNP 45V 1.0A SOT 223	0	R 57	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	Q 62	50.60.0120	1 pce	BCP54-16	NPN 45V 1.0A SOT 223	0	R 58	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	Q 63	50.60.0120	1 pce	BCP54-16	NPN 45V 1.0A SOT 223	0	R 59	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	Q 64	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 60	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	Q 65	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 61	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	Q 66	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 62	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	Q 67	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 63	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	Q 68	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 64	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	Q 69	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 65	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	Q 70	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 66	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	Q 71	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 67	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0	Q 72	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0	R 68	57.60.1220	1 pce	22R	MF, 1%, 0204, E24
0	Q 73	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0	R 69	57.60.1220	1 pce	22R	MF, 1%, 0204, E24

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description	Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 128	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 215	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 129	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24	0	R 216	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 130	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 217	57.60.1564	1 pce	560k	MF, 1%, 0204, E24
0	R 131	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24	0	R 218	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 132	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 219	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 133	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 220	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 134	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 221	57.60.1153	1 pce	15k	MF, 1%, 0204, E24
0	R 135	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24	0	R 222	not used	1 pce	10k	MF, 1%, 0204, E24
0	R 136	57.60.1472	1 pce	4k7	MF, 1%, 0204, E24	0	R 223	not used	1 pce	1M	MF, 1%, 0204, E24
0	R 137	57.60.1104	1 pce	100k	MF, 1%, 0204, E24	0	R 224	not used	1 pce	220R	MF, 1%, 0204, E24
0	R 138	57.60.1104	1 pce	100k	MF, 1%, 0204, E24	0	R 225	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 139	57.60.1270	1 pce	27R	MF, 1%, 0204, E24	0	R 226	57.60.1184	1 pce	180k	MF, 1%, 0204, E24
0	R 140	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24	0	R 227	57.60.1184	1 pce	180k	MF, 1%, 0204, E24
0	R 141	57.60.1270	1 pce	27R	MF, 1%, 0204, E24	0	R 228	57.60.1754	1 pce	750k	MF, 1%, 0204, E24
0	R 142	57.60.1270	1 pce	27R	MF, 1%, 0204, E24	0	R 229	57.60.1754	1 pce	750k	MF, 1%, 0204, E24
0	R 143	57.60.1680	1 pce	68R	MF, 1%, 0204, E24	0	R 230	57.60.1754	1 pce	750k	MF, 1%, 0204, E24
0	R 144	57.60.1270	1 pce	27R	MF, 1%, 0204, E24	0	R 231	57.60.1184	1 pce	180k	MF, 1%, 0204, E24
0	R 145	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 232	57.60.1334	1 pce	330k	MF, 1%, 0204, E24
0	R 146	57.60.1270	1 pce	27R	MF, 1%, 0204, E24	0	R 233	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0	R 147	57.60.1680	1 pce	68R	MF, 1%, 0204, E24	0	R 234	57.60.1154	1 pce	150k	MF, 1%, 0204, E24
0	R 148	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 235	57.60.1154	1 pce	150k	MF, 1%, 0204, E24
0	R 149	57.60.1680	1 pce	68R	MF, 1%, 0204, E24	0	R 236	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 150	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 237	57.60.1334	1 pce	330k	MF, 1%, 0204, E24
0	R 151	57.60.1680	1 pce	68R	MF, 1%, 0204, E24	0	R 238	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24
0	R 152	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 239	57.60.1154	1 pce	150k	MF, 1%, 0204, E24
0	R 153	57.60.1680	1 pce	68R	MF, 1%, 0204, E24	0	R 240	57.60.1154	1 pce	150k	MF, 1%, 0204, E24
0	R 154	57.60.1681	1 pce	680R	MF, 1%, 0204, E24	0	R 241	57.60.1221	1 pce	220R	MF, 1%, 0204, E24
0	R 155	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24	0	R 242	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 156	57.60.1393	1 pce	39k	MF, 1%, 0204, E24	0	R 243	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 157	57.60.1393	1 pce	39k	MF, 1%, 0204, E24	0	R 244	57.60.1332	1 pce	3k3	MF, 1%, 0204,

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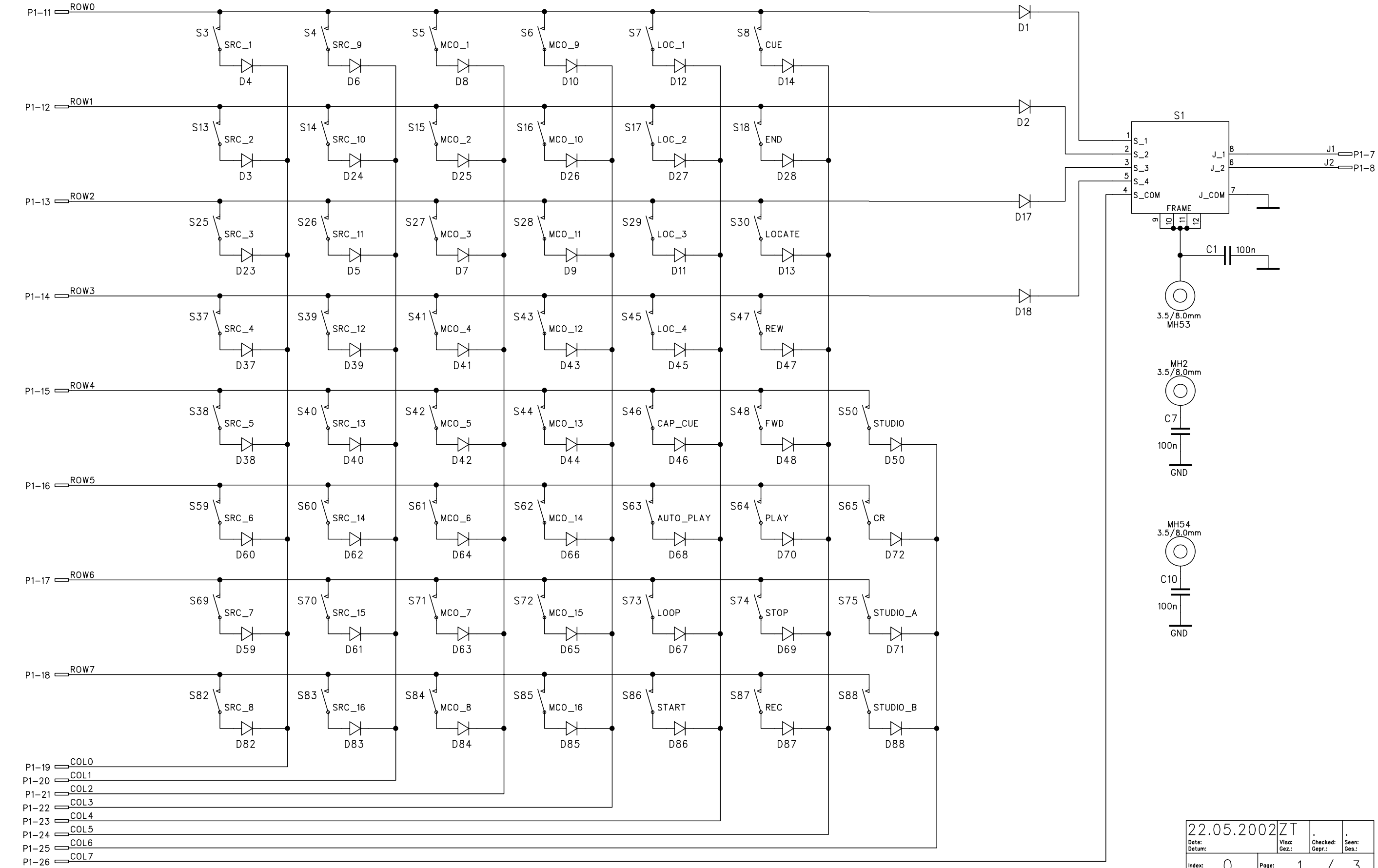
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0 R 303	57.60.1754	1 pce	750k	MF, 1%, 0204, E24					
0 R 304	57.60.1184	1 pce	180k	MF, 1%, 0204, E24					
0 R 305	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24					
0 R 306	57.60.1821	1 pce	820R	MF, 1%, 0204, E24					
0 R 307	57.60.1103	1 pce	10k	MF, 1%, 0204, E24					
0 R 308	57.60.1564	1 pce	560k	MF, 1%, 0204, E24					
0 R 309	57.60.1393	1 pce	39k	MF, 1%, 0204, E24					
0 R 310	57.60.1104	1 pce	100k	MF, 1%, 0204, E24					
0 R 311	57.60.1221	1 pce	220R	MF, 1%, 0204, E24					
0 R 312	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0 R 313	57.60.1224	1 pce	220k	MF, 1%, 0204, E24					
0 R 314	57.60.1393	1 pce	39k	MF, 1%, 0204, E24					
0 R 315	57.60.1104	1 pce	100k	MF, 1%, 0204, E24					
0 R 316	57.60.1221	1 pce	220R	MF, 1%, 0204, E24					
0 R 317	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0 R 318	57.60.1224	1 pce	220k	MF, 1%, 0204, E24					
0 R 319	57.60.1335	1 pce	3M3	MF, 1%, 0204, E24					
0 R 320	57.60.1104	1 pce	100k	MF, 1%, 0204, E24					
0 R 321	57.60.1563	1 pce	56k	MF, 1%, 0204, E24					
0 R 322	57.60.1224	1 pce	220k	MF, 1%, 0204, E24					
0 R 323	57.60.1224	1 pce	220k	MF, 1%, 0204, E24					
0 R 324	57.60.1223	1 pce	22k	MF, 1%, 0204, E24					
0 R 325	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24					
0 R 326	57.60.1184	1 pce	180k	MF, 1%, 0204, E24					
0 R 327	57.60.1184	1 pce	180k	MF, 1%, 0204, E24					
0 R 328	57.60.1754	1 pce	750k	MF, 1%, 0204, E24					
0 R 329	57.60.1754	1 pce	750k	MF, 1%, 0204, E24					
0 R 330	57.60.1754	1 pce	750k	MF, 1%, 0204, E24					
0 R 331	57.60.1184	1 pce	180k	MF, 1%, 0204, E24					
0 R 332	57.60.1393	1 pce	39k	MF, 1%, 0204, E24					
0 R 333	57.60.1104	1 pce	100k	MF, 1%, 0204, E24					
0 R 334	57.60.1221	1 pce	220R	MF, 1%, 0204, E24					
0 R 335	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0 R 336	57.60.1224	1 pce	220k	MF, 1%, 0204, E24					
0 R 337	57.60.1393	1 pce	39k	MF, 1%, 0204, E24					
0 R 338	57.60.1104	1 pce	100k	MF, 1%, 0204, E24					
0 R 339	57.60.1221	1 pce	220R	MF, 1%, 0204, E24					
0 R 340	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0 R 341	57.60.1224	1 pce	220k	MF, 1%, 0204, E24					
0 R 342	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0 R 343	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0 R 344	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0 R 345	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					
0 RA 1	58.60.0117	1 pce	5k0	SMD 20%, 0.25W, Cermet					
0 S 159	55.12.1304	1 pce	N=18	Drehgeber					
0 S 160	55.12.1304	1 pce	N=18	Drehgeber					
0 S 161	55.12.1304	1 pce	N=18	Drehgeber					
0 S 162	55.12.1304	1 pce	N=18	Drehgeber					
0 S 163	55.12.1304	1 pce	N=18	Drehgeber					
0 W 1	1.949.125.93	1 pce		LL Center Frontboard					
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0 W 3	1.949.126.93	1 pce		LL Trackball					

End of List

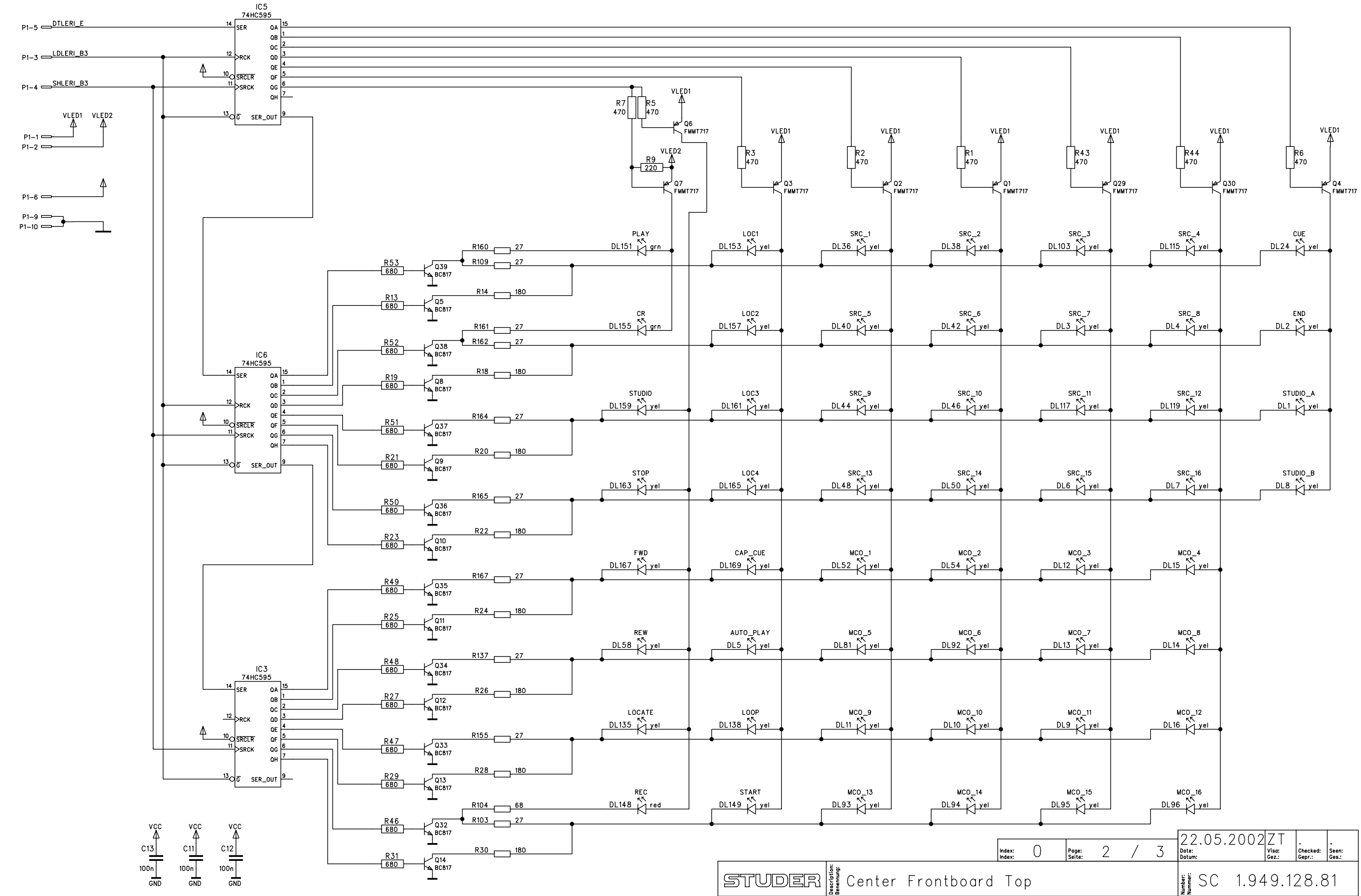
(01) C104, C105: Added for improved EMC behavior
 IC16: Increased output current

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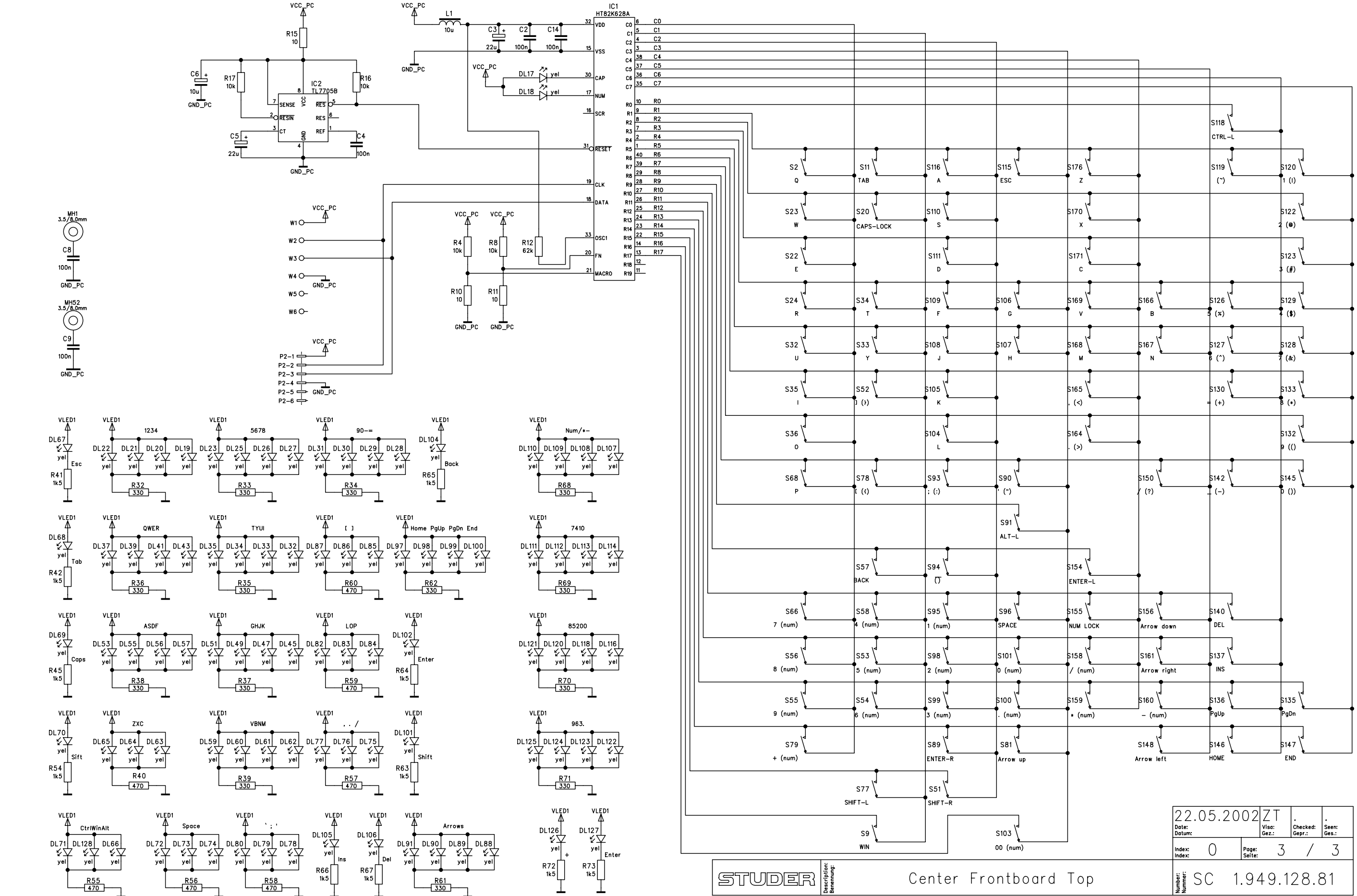
Center Front Board Top 1.949.128.81 (0)



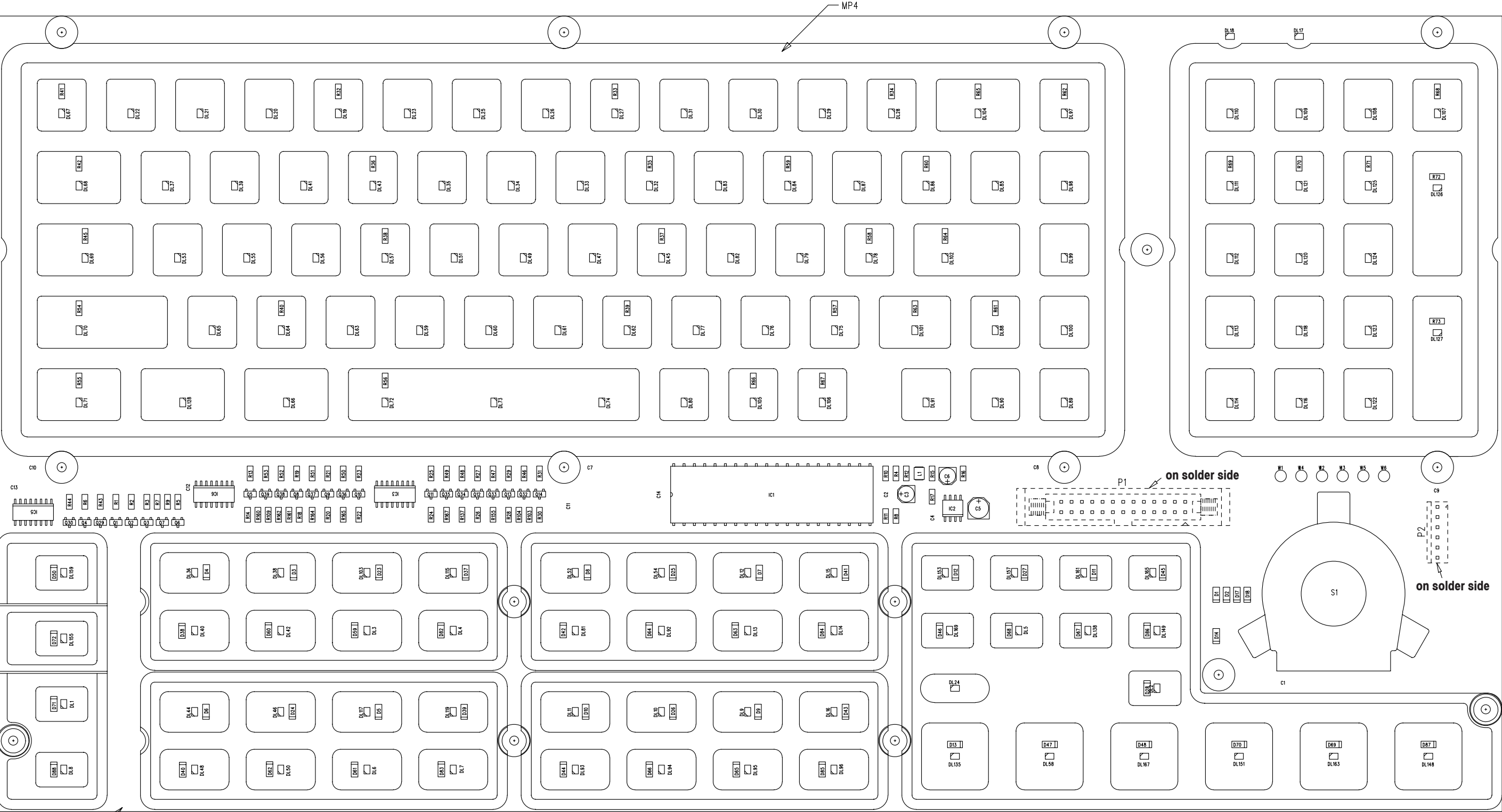
Center Front Board Top 1.949.128.81 (0)



Center Front Board Top 1.949.128.81 (0)



Center Front Board Top 1.949.128.81 (0)



22.05.2002		ZT	ML	HW
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Number:				

Accompanying documents:	PL	General tolerance:		Scale:	
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STUDER					

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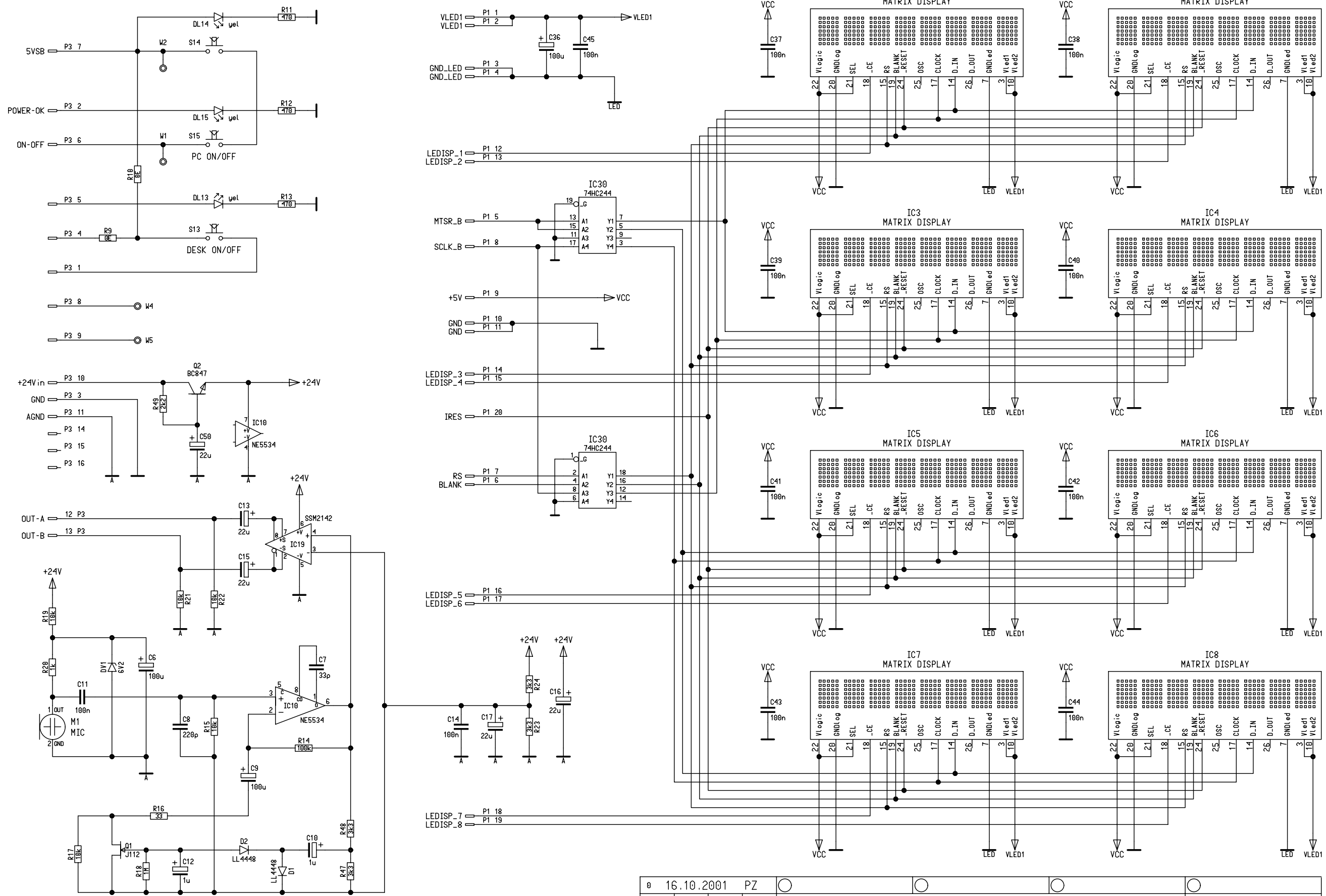
Vista Desk 107

Center Frontboard Top 1.949.128.81 (0)

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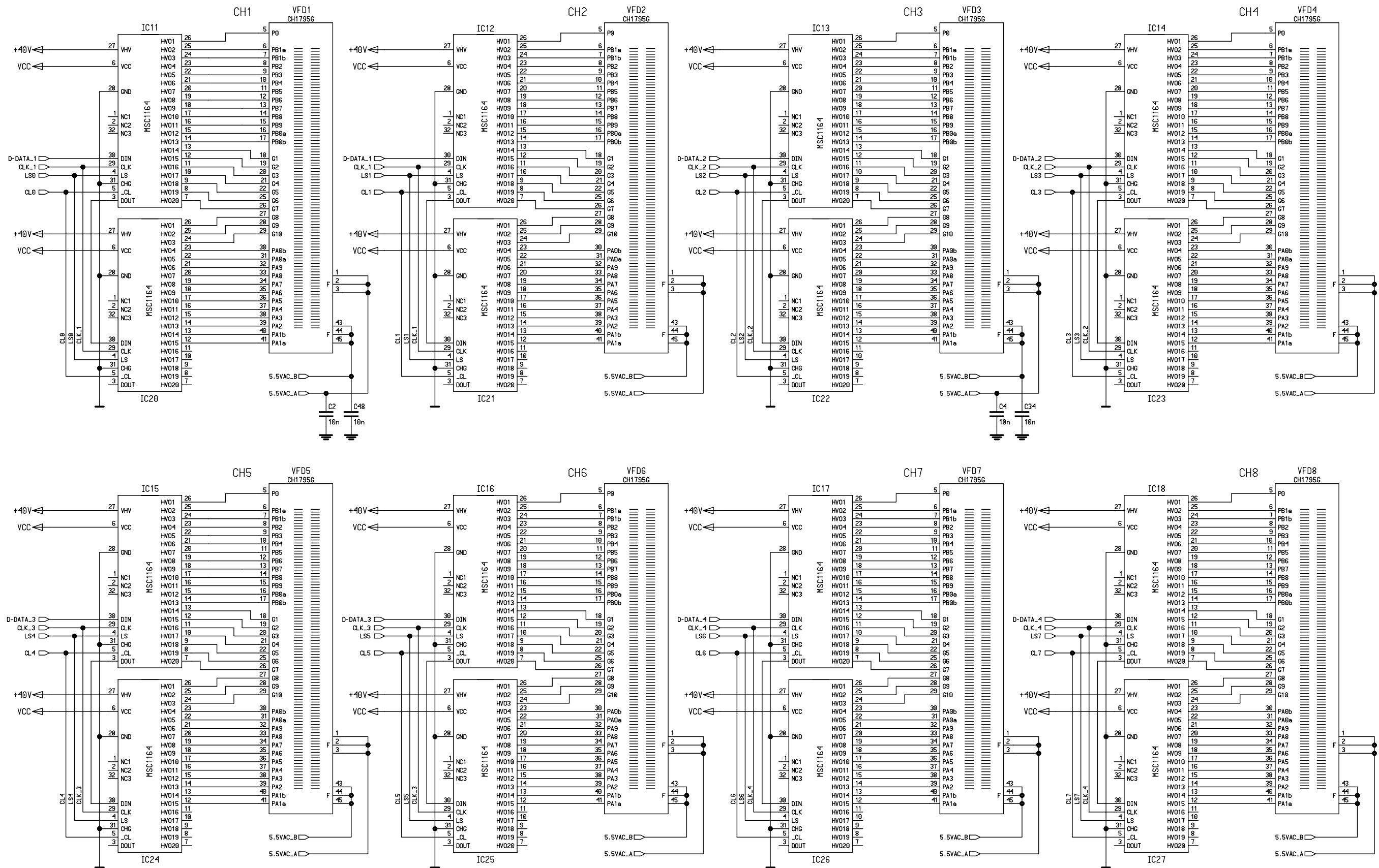
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0 DL 105	50.60.9402	1 pce	yel	SMD LED yellow	0 R 14	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0 DL 106	50.60.9402	1 pce	yel	SMD LED yellow	0 R 15	57.60.1100	1 pce	10R	MF, 1%, 0204, E24
0 DL 107	50.60.9402	1 pce	yel	SMD LED yellow	0 R 16	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 DL 108	50.60.9402	1 pce	yel	SMD LED yellow	0 R 17	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0 DL 109	50.60.9402	1 pce	yel	SMD LED yellow	0 R 18	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0 DL 110	50.60.9402	1 pce	yel	SMD LED yellow	0 R 19	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 111	50.60.9402	1 pce	yel	SMD LED yellow	0 R 20	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0 DL 112	50.60.9402	1 pce	yel	SMD LED yellow	0 R 21	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 113	50.60.9402	1 pce	yel	SMD LED yellow	0 R 22	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0 DL 114	50.60.9402	1 pce	yel	SMD LED yellow	0 R 23	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 115	50.60.9402	1 pce	yel	SMD LED yellow	0 R 24	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0 DL 116	50.60.9402	1 pce	yel	SMD LED yellow	0 R 25	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 117	50.60.9402	1 pce	yel	SMD LED yellow	0 R 26	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0 DL 118	50.60.9402	1 pce	yel	SMD LED yellow	0 R 27	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 119	50.60.9402	1 pce	yel	SMD LED yellow	0 R 28	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0 DL 120	50.60.9402	1 pce	yel	SMD LED yellow	0 R 29	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 121	50.60.9402	1 pce	yel	SMD LED yellow	0 R 30	57.60.1181	1 pce	180R	MF, 1%, 0204, E24
0 DL 122	50.60.9402	1 pce	yel	SMD LED yellow	0 R 31	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 123	50.60.9402	1 pce	yel	SMD LED yellow	0 R 32	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 DL 124	50.60.9402	1 pce	yel	SMD LED yellow	0 R 33	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 DL 125	50.60.9402	1 pce	yel	SMD LED yellow	0 R 34	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 DL 126	50.60.9402	1 pce	yel	SMD LED yellow	0 R 35	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 DL 127	50.60.9402	1 pce	yel	SMD LED yellow	0 R 36	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 DL 128	50.60.9402	1 pce	yel	SMD LED yellow	0 R 37	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 DL 135	50.60.9402	1 pce	yel	SMD LED yellow	0 R 38	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 DL 138	50.60.9402	1 pce	yel	SMD LED yellow	0 R 39	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 DL 148	50.60.9401	1 pce	red	SMD LED superred	0 R 40	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 DL 149	50.60.9402	1 pce	yel	SMD LED yellow	0 R 41	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 DL 151	50.60.9417	1 pce	grn	SMD LED 1.25*2.0	0 R 42	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 DL 153	50.60.9402	1 pce	yel	SMD LED yellow	0 R 43	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 DL 155	50.60.9417	1 pce	grn	SMD LED 1.25*2.0	0 R 44	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 DL 157	50.60.9402	1 pce	yel	SMD LED yellow	0 R 45	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 DL 159	50.60.9402	1 pce	yel	SMD LED yellow	0 R 46	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 161	50.60.9402	1 pce	yel	SMD LED yellow	0 R 47	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 163	50.60.9402	1 pce	yel	SMD LED yellow	0 R 48	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 165	50.60.9402	1 pce	yel	SMD LED yellow	0 R 49	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 167	50.60.9402	1 pce	yel	SMD LED yellow	0 R 50	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 DL 169	50.60.9402	1 pce	yel	SMD LED yellow	0 R 51	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 IC 1	50.16.0155	1 pce		Keyboard encoder	0 R 52	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 IC 2	50.63.2001	1 pce		Reset Generator	0 R 53	57.60.1681	1 pce	680R	MF, 1%, 0204, E24
0 IC 3	50.62.1595	1 pce		8bit shift/output register	0 R 54	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 IC 5	50.62.1595	1 pce		8bit shift/output register	0 R 55	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 IC 6	50.62.1595	1 pce		8bit shift/output register	0 R 56	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 L 1	62.60.0113	1 pce		SMD 10% 1210	0 R 57	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 MP 1	1.949.128.13	1 pce		Center Frontboard PCB Top	0 R 58	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 MP 2	1.949.128.10	1 pce		NR. ETIKETTE 5x20	0 R 59	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 MP 3	43.01.0108	1 pce	Label	ESE-WARNSCHILD	0 R 60	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0 MP 4	1.949.128.01	1 pce		Rubber Key Set	0 R 61	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 P 1	54.14.2053	1 pce	26p	Stecker gerade Au	0 R 62	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 P 2	54.12.0706	1 pce	6p	Stecker gerade PCB	0 R 63	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 Q 1	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 64	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 Q 2	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 65	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 Q 3	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 66	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 Q 4	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 67	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 Q 5	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 68	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 Q 6	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 69	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 Q 7	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 70	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 Q 8	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 71	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 Q 9	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 72	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 Q 10	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 73	57.60.1152	1 pce	1k5	MF, 1%, 0204, E24
0 Q 11	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 103	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 12	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 104	57.60.1680	1 pce	68R	MF, 1%, 0204, E24
0 Q 13	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 109	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 14	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 137	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 29	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 155	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 30	50.60.1101	1 pce	FMMT717	PNP 12V 1.5A SOT 23	0 R 160	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 32	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 161	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 33	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 162	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 34	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 164	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 35	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 165	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 36	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 R 167	57.60.1270	1 pce	27R	MF, 1%, 0204, E24
0 Q 37	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	0 S 1	55.12.1321	1 pce		Jog-shuttle switch
0 Q 38	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23	End of List				
0 Q 39	50.60.0050	1 pce	BC817-25	NPN 45V 800mA SOT 23					
0 R 1	57.60.1471	1 pce	470R	MF, 1%, 0204, E24					
0 R 2	57.60.1471	1 pce	470R	MF, 1%, 0204, E24					
0 R 3	57.60.1471	1 pce	470R	MF, 1%, 0204, E24					
0 R 4	57.60.1103	1 pce	10k	MF, 1%, 0204, E24					
0 R 5	57.60.1471	1 pce	470R	MF, 1%, 0204, E24					
0 R 6	57.60.1471	1 pce	470R	MF, 1%, 0204, E24					
0 R 7	57.60.1471	1 pce	470R	MF, 1%, 0204, E24					
0 R 8	57.60.1103	1 pce	10k	MF, 1%, 0204, E24					
0 R 9	57.60.1221	1 pce	220R	MF, 1%, 0204, E24					
0 R 10	not used	1 pce	10R	MF, 1%, 0204, E24					
0 R 11	not used	1 pce	10R	MF, 1%, 0204, E24					
0 R 12	57.60.1623	1 pce	62k	MF, 1%, 0204, E24					
0 R 13	57.60.1681	1 pce	680R	MF, 1%, 0204, E24					

Center Bargraph 1.949.143.00 (0)

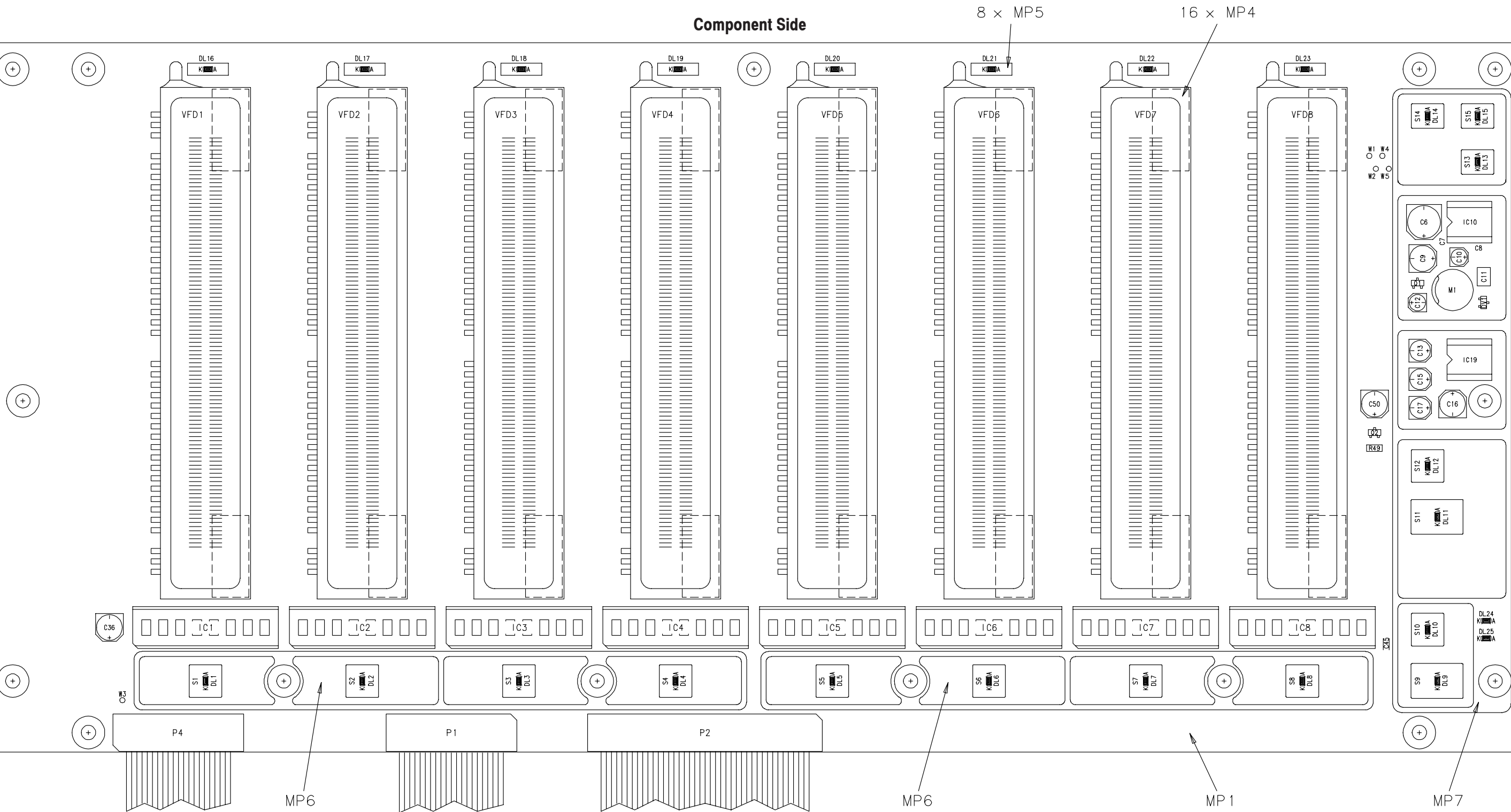


Q	16.10.2001	PZ	VISTA	PAGE 2 OF 3
STUDER				SC 1.949.143.00
BARGRAPH CENTER				

Center Bargraph 1.949.143.00 (0)

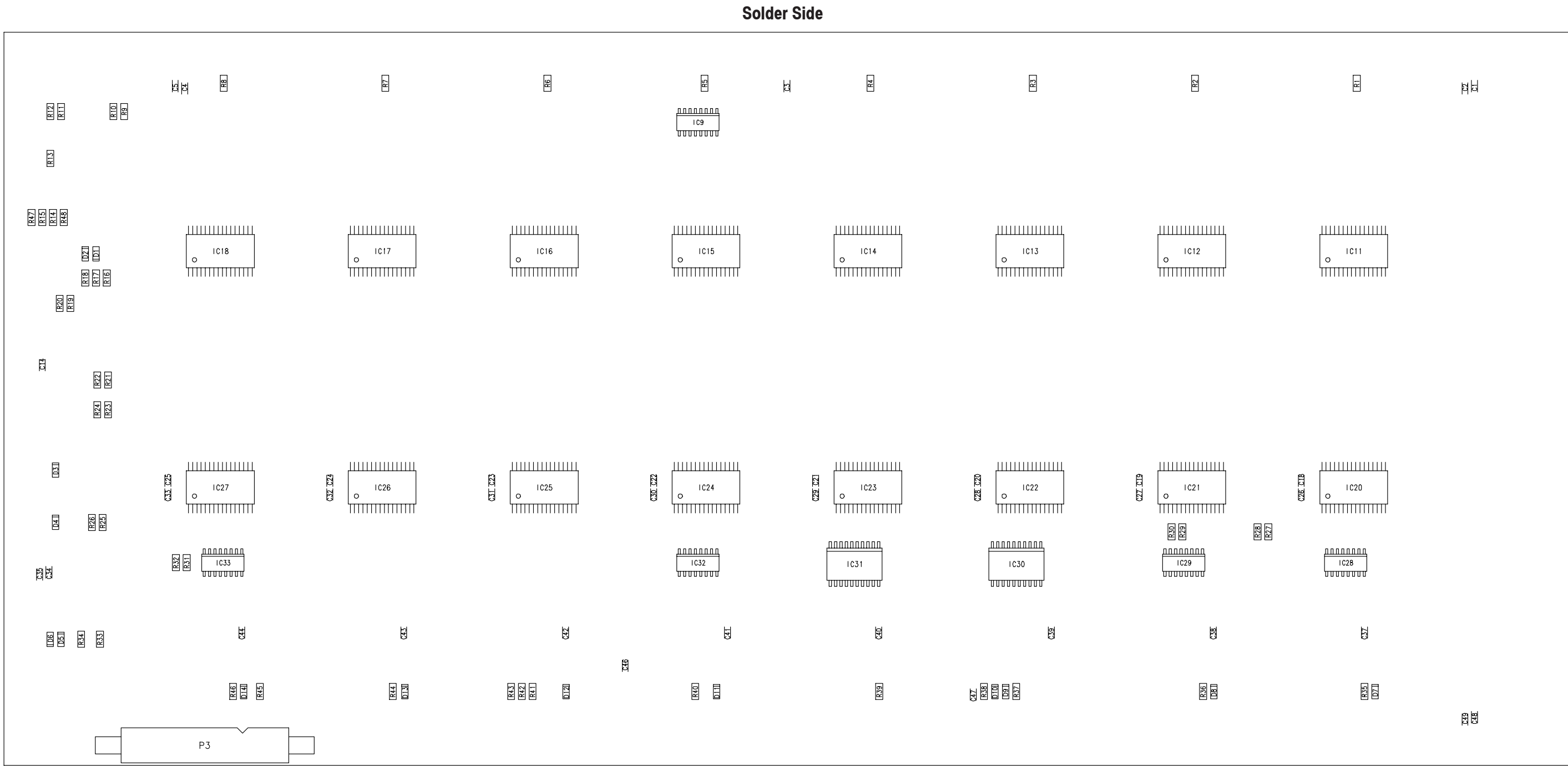


Center Bargraph 1.949.143.00 (0)



Accompanying documents: Zugehörige Unterlagen: PL		General tolerance: Freimasstoleranz:		Scale: Masstab:		Edition Ausgabe	16.10.2001	PZ	ML	HW	⊙
							Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer:						Page: Seite:		1 / 2			
STUDER REGENSDORF		Description: Benennung:		BARGRAPH CENTER, ESE		Z	Number: Number:		1.949.143.00		

Center Bargraph 1.949.143.00 (0)



Accompanying documents: Zugehoerige Unterlagen: PL			General tolerance: Freimasstoleranz: .		Scale: Massstab:		Edition Ausgabe	16.10.2001	PZ	ML	HW	⊙
								Date Datum	Visa Gez.	Checked Gepr.	Seen Ges.	Index
Substitute for: Ersatz fuer:							Page: Seite:					
							2 / 2					
STUDER REGENSDORF		Description: Benennung:			BARGRAPH CENTER, ESE		Z	Number: Nummer:				
								1.949.143.00				

Center Bargraph 1.949.143.00 (0)

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Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 2	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 3	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 4	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 5	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 6	59.68.0071	1 pce	100u	EL 16V, 8.0*6.3
0	C 7	59.60.2237	1 pce	33p	CER 50V, 5%, C0G, 0603
0	C 8	59.60.2257	1 pce	220p	CER 50V, 5%, C0G, 0603
0	C 9	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 10	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0	C 11	59.63.0125	1 pce	100n	PEN 50V, 5%, 1812
0	C 12	59.68.0127	1 pce	1u0	EL 50V, 4.0*5.7
0	C 13	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 14	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 15	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 16	59.68.0111	1 pce	22u	EL 35V, 6.3*5.7
0	C 17	59.68.0067	1 pce	22u	EL 16V, 5.0*5.7
0	C 18	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 19	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 20	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 21	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 22	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 23	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 24	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 25	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 26	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 27	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 28	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 29	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 30	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 31	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 32	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 33	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 34	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 35	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 36	59.68.0029	1 pce	100u	EL 6V, 6.3*5.7
0	C 37	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 38	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 39	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 40	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 41	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 42	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 43	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 44	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 45	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 46	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 47	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 48	59.60.3325	1 pce	10n	CER 50V, 10%, X7R, 0805
0	C 49	59.60.3337	1 pce	100n	CER 50V, 10%, X7R, 0805
0	C 50	59.68.0111	1 pce	22u	EL 35V, 6.3*5.7
0	D 1	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 2	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 3	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 4	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 5	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 6	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 7	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 8	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 9	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 10	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 11	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 12	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 13	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	D 14	50.60.8001	1 pce	4448	200mA 75V 4ns SOD 80
0	DL 1	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 2	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 3	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 4	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 5	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 6	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 7	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 8	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 9	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 10	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 11	50.60.9401	1 pce	red	SMD LED superred
0	DL 12	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 13	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 14	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 15	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 16	50.60.9401	1 pce	red	SMD LED superred
0	DL 17	50.60.9401	1 pce	red	SMD LED superred
0	DL 18	50.60.9401	1 pce	red	SMD LED superred
0	DL 19	50.60.9401	1 pce	red	SMD LED superred
0	DL 20	50.60.9401	1 pce	red	SMD LED superred
0	DL 21	50.60.9401	1 pce	red	SMD LED superred
0	DL 22	50.60.9401	1 pce	red	SMD LED superred
0	DL 23	50.60.9401	1 pce	red	SMD LED superred

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	DL 24	50.60.9402	1 pce	yel	SMD LED yellow
0	DL 25	50.60.9402	1 pce	yel	SMD LED yellow
0	DV 1	50.60.9012	1 pce	6V2	5%, 0.2W, SOT 23
0	IC 1	73.01.0409	1 pce	8character	5*7 Dot matrix display green
0	IC 2	73.01.0409	1 pce	8character	5*7 Dot matrix display green
0	IC 3	73.01.0409	1 pce	8character	5*7 Dot matrix display green
0	IC 4	73.01.0409	1 pce	8character	5*7 Dot matrix display green
0	IC 5	73.01.0409	1 pce	8character	5*7 Dot matrix display green
0	IC 6	73.01.0409	1 pce	8character	5*7 Dot matrix display green
0	IC 7	73.01.0409	1 pce	8character	5*7 Dot matrix display green
0	IC 8	73.01.0409	1 pce	8character	5*7 Dot matrix display green
0	IC 9	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 10	50.05.0244	1 pce	5534A	IC 5534 ANB, NE 5534 SAN, ,A
0	IC 11	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 12	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 13	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 14	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 15	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 16	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 17	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 18	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 19	50.09.0124	1 pce	2142	Audio balanced line driver
0	IC 20	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 21	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 22	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 23	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 24	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 25	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 26	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 27	50.62.0008	1 pce	MSC1164GS-K	VF Display driver
0	IC 28	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 29	50.62.1165	1 pce	74HC165	8bit shift register
0	IC 30	50.62.1244	1 pce	74HC244	Octal buffer line driver/recei
0	IC 31	50.62.1244	1 pce	74HC244	Octal buffer line driver/recei
0	IC 32	50.62.1595	1 pce	74HC595	8bit shift/output register
0	IC 33	50.62.1595	1 pce	74HC595	8bit shift/output register
0	M 1	89.01.3450	1 pce	Mic	Elektret-Kapsel mit Stiften
0	MP 1	1.949.143.11	1 pce		Bargraph Center PCB
0	MP 2	1.949.143.10	1 pce		Nr. ETIKETTE 5x20
0	MP 3	43.01.0108	1 pce	Label	ESE-WARNschild
0	MP 4	65.99.0189	16 pcs		Polyurethan-Klebband ws 9*1.6
0	MP 5	50.60.9416	8 pcs	laengae 20mm 3.7/7*12	Lichtleiter rechteckig für LED
0	MP 6	1.949.030.11	2 pcs		Tastenmatte Assign
0	MP 7	1.949.030.12	1 pce		Tastenmatte Power
0	P 1	1.023.112.16	1 pce		FLACHKABEL 20 POL. 0,17M
0	P 2	1.023.114.04	1 pce		FLACHKABEL 40 POL. 0,16 M
0	P 3	54.14.2052	1 pce	16p	Stecker gerade Au
0	P 4	1.023.112.11	1 pce		FLACHKABEL 20 POL. 0,40M
0	Q 1	50.60.2001	1 pce	J112	JFET N-Channel
0	Q 2	50.60.0001	1 pce	BC847B	NPN 45V 100mA SOT 23
0	R 1	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 2	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 3	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 4	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 5	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 6	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 7	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 8	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 9	57.60.1000	1 pce	0R0	MF, 0204
0	R 10	not used	1 pce	0R0	MF, 0204
0	R 11	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 12	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 13	57.60.1471	1 pce	470R	MF, 1%, 0204, E24
0	R 14	57.60.1104	1 pce	100k	MF, 1%, 0204, E24
0	R 15	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 16	57.60.1330	1 pce	33R	MF, 1%, 0204, E24
0	R 17	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 18	57.60.1105	1 pce	1M	MF, 1%, 0204, E24
0	R 19	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 20	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 21	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 22	57.60.1103	1 pce	10k	MF, 1%, 0204, E24
0	R 23	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 24	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0	R 25	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 26	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 27	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 28	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 29	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 30	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0	R 31	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	R 32	57.60.1561	1 pce	560R	MF, 1%, 0204, E24
0	R 33	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 34	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 35	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0	R 36	57.60.1331	1 pce	330R	MF, 1%, 0204, E24

Center Bargraph 1.949.143.00 (0)

Page: 2 of 2

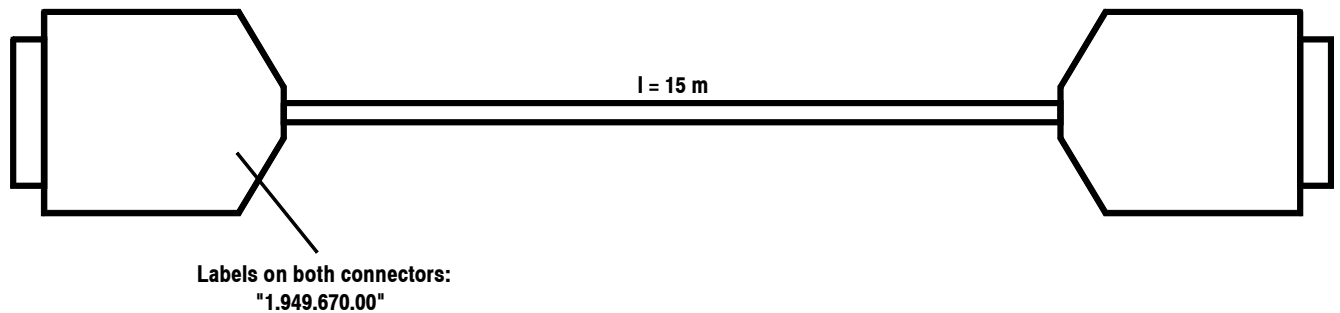
Idx. Pos.	Part No.	Qty.	Type/Val.	Description
0 R 37	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 R 38	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 39	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 R 40	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 R 41	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 R 42	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 43	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 44	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 R 45	57.60.1102	1 pce	1k0	MF, 1%, 0204, E24
0 R 46	57.60.1331	1 pce	330R	MF, 1%, 0204, E24
0 R 47	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 48	57.60.1332	1 pce	3k3	MF, 1%, 0204, E24
0 R 49	57.60.1222	1 pce	2k2	MF, 1%, 0204, E24
0 VFD 1	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0 VFD 2	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0 VFD 3	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0 VFD 4	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0 VFD 5	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0 VFD 6	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0 VFD 7	73.01.0302	1 pce	Bargraph	Dual Bargraph Display
0 VFD 8	73.01.0302	1 pce	Bargraph	Dual Bargraph Display

End of List

Idx. Pos.	Part No.	Qty.	Type/Val.	Description
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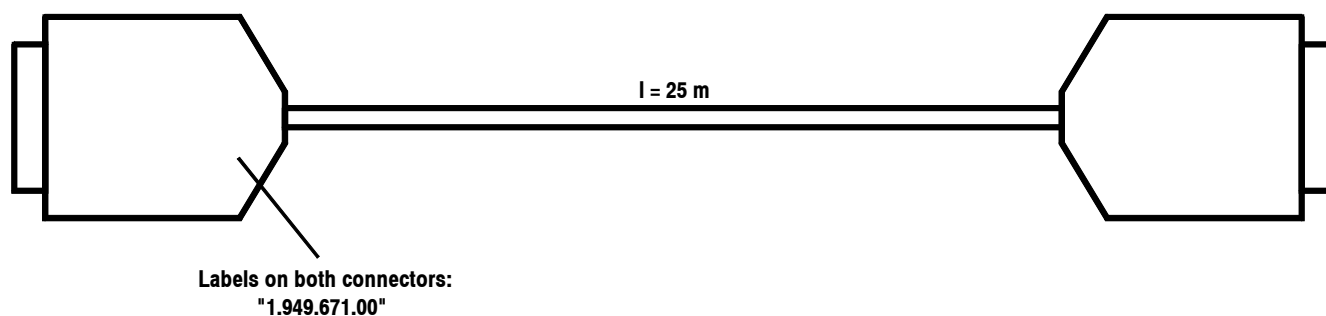
Cable Monitoring – Desk, 15 m 1.949.670.00



Connector: 15-pin D-type f: 54.02.0441 Case: 54.13.7042 Crimp contacts: 54.02.0450	Cable: 5 x 2 x 0.14: 64.03.0184 Cut unused wires. Individual screens: insulated.	Connector: 15-pin D-type m: 54.02.0446 Case: 54.13.7042 Crimp contacts: 54.02.0451
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Pin	Colour	Signal	Colour	Pin
5	blk	Talkback Mic a (line level)	blk	1
13	yel	Talkback Mic b (line level)	yel	9
6	screen	Talkback Mic screen	screen	2
10	screen	Headphones screen	screen	10
3	org	Headphones left	org	3
11	blk	Headphones right	blk	11
14	screen	RS 485 screen	screen	14
7	brn	RS 485 –	brn	7
15	blk	RS 485 +	blk	15

(0) 20.02.02 ML

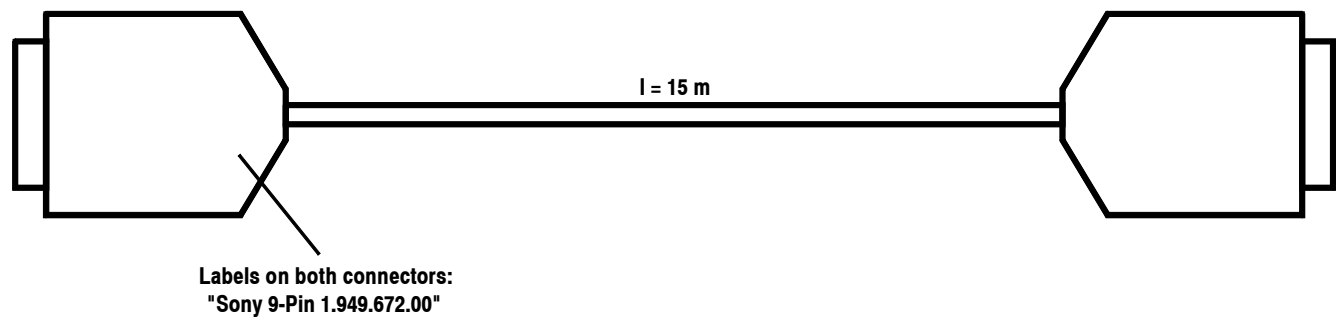
Cable Monitoring – Desk, 25 m 1.949.671.00

Connector: 15-pin D-type f: 54.02.0441 Case: 54.13.7042 Crimp contacts: 54.02.0450	Cable: 5 x 2 x 0.14: 64.03.0184 Cut unused wires. Individual screens: insulated.	Connector: 15-pin D-type m: 54.02.0446 Case: 54.13.7042 Crimp contacts: 54.02.0451
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Pin	Colour	Signal	Colour	Pin
5	blk	Talkback Mic a (line level)	blk	1
13	yel	Talkback Mic b (line level)	yel	9
6	screen	Talkback Mic screen	screen	2
10	screen	Headphones screen	screen	10
3	org	Headphones left	org	3
11	blk	Headphones right	blk	11
14	screen	RS 485 screen	screen	14
7	brn	RS 485 –	brn	7
15	blk	RS 485 +	blk	15

(0) 20.02.02 ML

Sony 9-Pin Cable for Vista 1.949.672.00

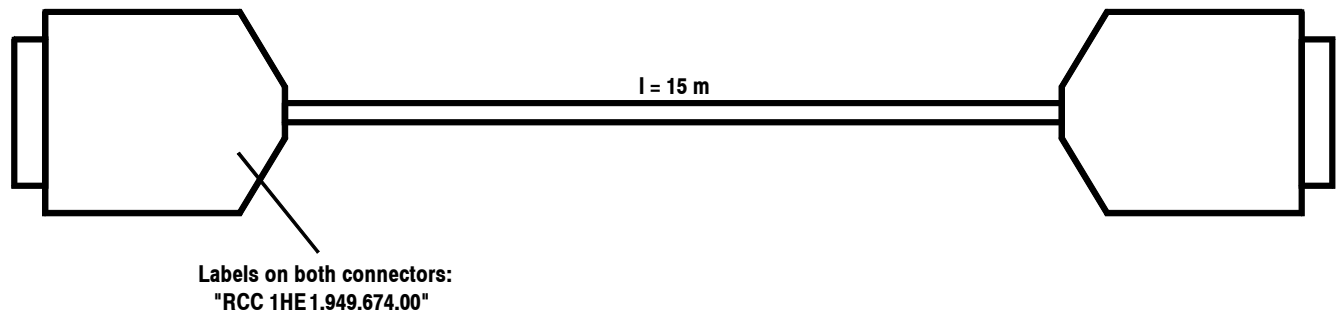


Connector #1: 9-pin D-type f: 54.02.0440 Case: 54.13.7041 Crimp contacts: 54.02.0454	Cable: 2 x 2 x 0.22: 64.03.1005 Individual screens: insulated. Screen foil folded back by 10 mm and clamped with inner strain release	Connector #2: 9-pin D-type m: 54.02.0445 Case: 54.13.7041 Crimp contacts: 54.02.0455
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Pin	Colour	Signal	Colour	Pin
1	red	RX +	red	7
4	blk	RX –	blk	2
5 *	screen	GND	screen	4 *
2	wht	TX +	wht	3
3	blk	TX –	blk	8
5 *	screen	GND	screen	6 *
* instead of crimping two different screens to pin 5 in connector #1, a wire link from pins 4 to 6 in connector #2 is allowed.				

(0) 20.02.02 ML

RS422 Cable, Vista – RCC, 15 m – 1 U 1.949.674.00

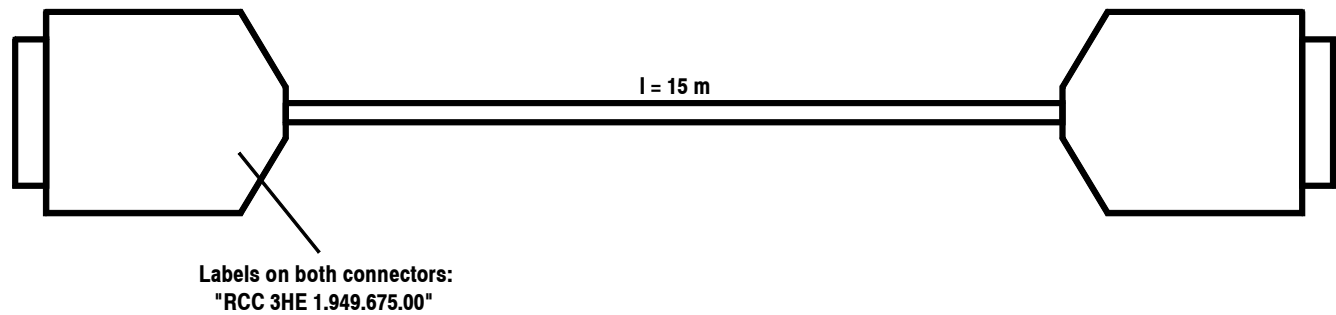


Connector: 9-pin D-type f: 54.02.0440 Case: 54.13.7041 Crimp contacts: 54.02.0454	Cable: 2 x 2 x 0.22: 64.03.1005 Individual screens: insulated. Screen foil folded back by 10 mm and clamped with inner strain release	Connector: 15-pin D-type m: 54.02.0446 Case: 54.13.7042 Crimp contacts: 54.02.0455
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Pin	Colour	Signal	Colour	Pin
1	red	RX +	red	7
4	blk	RX –	blk	8
5	screen	GND	screen	4
2	wht	TX +	wht	6
3	blk	TX –	blk	5
	screen	cut	screen	9

(0) 20.02.02 ML; (1) 24.03.02

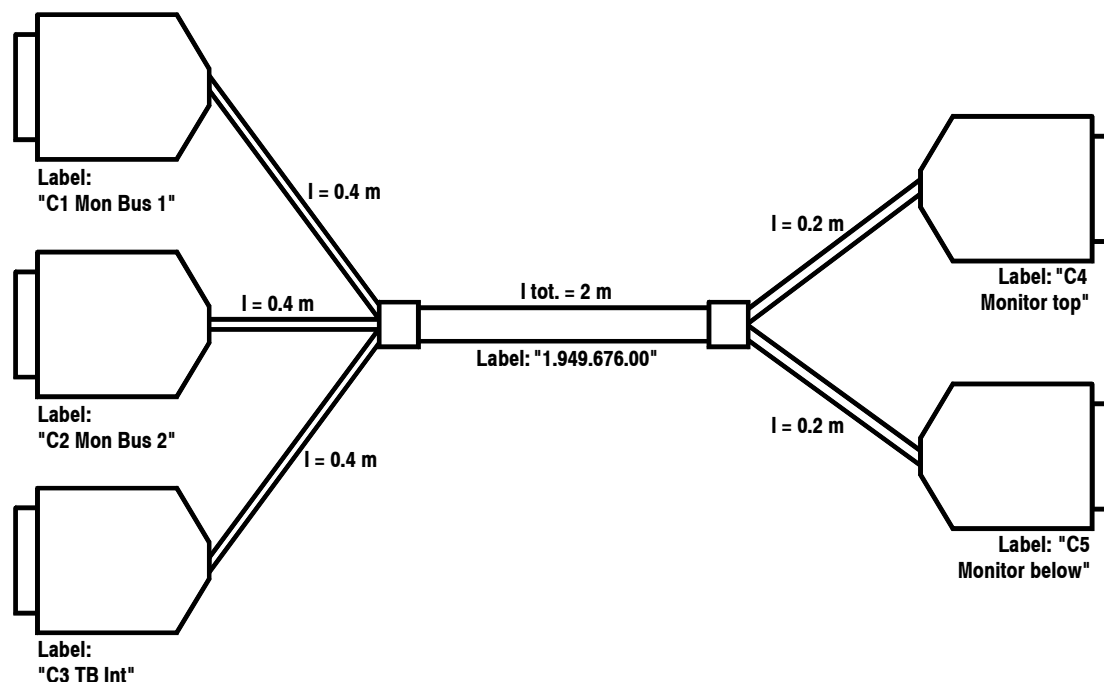
RS422 Cable, Vista – RCC, 15 m – 3 U 1.949.675.00



Connector: 9-pin D-type f: 54.02.0440 Case: 54.13.7041 Crimp contacts: 54.02.0454	Cable: 2 x 2 x 0.22: 64.03.1005 Individual screens: insulated. Screen foil folded back by 10 mm and clamped with inner strain release	Connector: 9-pin D-type m: 54.02.0445 Case: 54.13.7041 Crimp contacts: 54.02.0455
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Pin	Colour	Signal	Colour	Pin
1	red	RX +	red	7
4	blk	RX –	blk	8
5	screen	GND	screen	4
2	wht	TX +	wht	6
3	blk	TX –	blk	5
	screen	cut	screen	9

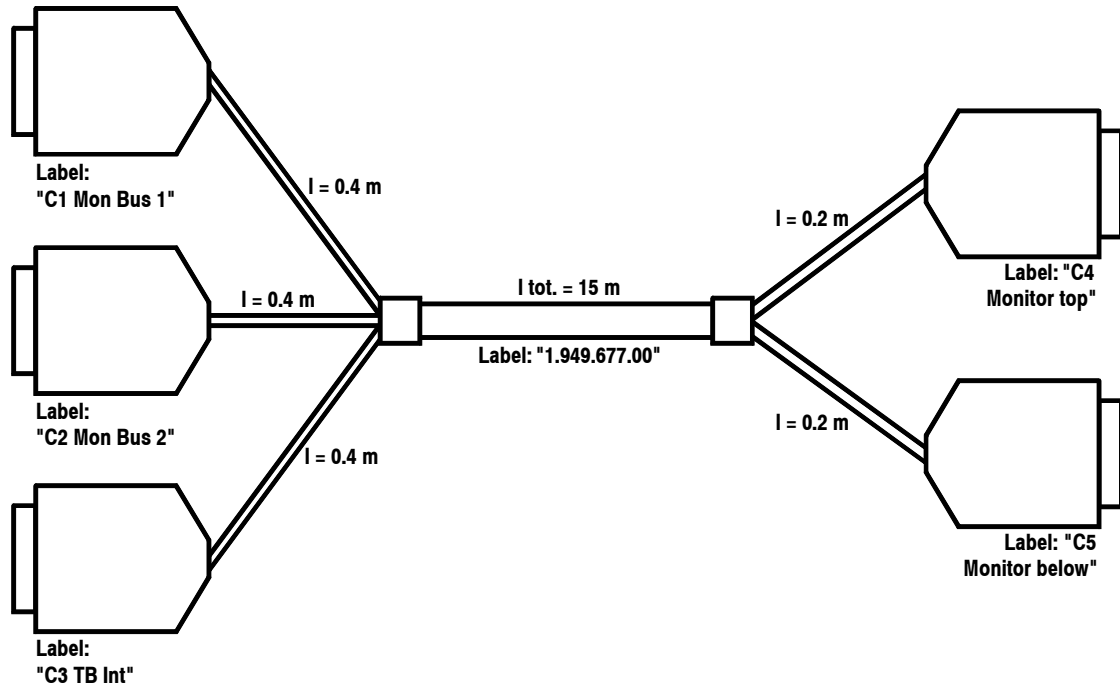
(0) 31.05.02 ML

Cable DSP Core – Monitoring, 1.5 m 1.949.676.00

C1, C2: 15-pin D-type f: 54.02.0441 Case: 54.13.7042 Crimp contacts: 54.02.0450 C3: 15-pin D-type m: 54.02.0446 Case: 54.13.7042 Crimp contacts: 54.02.0451	Cable: 10 x 2 x 0.15: 64.03.1009 Unused wires go to C3 as a strain relief. Individual screens: insulated. Overall screen connected with wire to case of C3.	C4, C5: 15-pin D-type m: 54.02.0446 Case: 54.13.7042 Crimp contacts: 54.02.0451
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Connector	Pin	Colour	Signal	Colour	Pin	Connector
C1	1	wht	AES PFL a	wht	1	C4
	9	org	AES PFL b	org	9	
	2	screen	AES PFL screen	screen	2	
	10	screen	AES CR left/right screen	screen	10	
	3	grn	AES CR left/right b	grn	3	
	11	wht	AES CR left/right a	wht	11	
	5	wht	AES CR Ls/Rs a	wht	5	
	13	yel	AES CR Ls/Rs b	yel	13	
	6	screen	AES CR Ls/Rs screen	screen	6	
	14	screen	AES CR C/Sub screen	screen	14	
	7	gry	AES CR C/Sub b	gry	7	
	15	wht	AES CR C/Sub a	wht	15	
C2	1	wht	AES CR Lc/Rc a	wht	1	C5
	9	blu	AES CR Lc/Rc b	blu	9	
	2	screen	AES CR Lc/Rc screen	screen	2	
	5	wht	AES ST2 a	wht	5	
	13	vio	AES ST2 b	vio	13	
	6	screen	AES ST2 screen	screen	6	
	14	screen	AES ST1 screen	screen	14	
	7	tan	AES ST1 b	tan	7	
	15	wht	AES ST1 a	wht	15	
C3	2	screen	AES TB Int screen	screen	10	
	9	blk	AES TB Int b	blk	3	
	1	wht	AES TB Int a	wht	11	

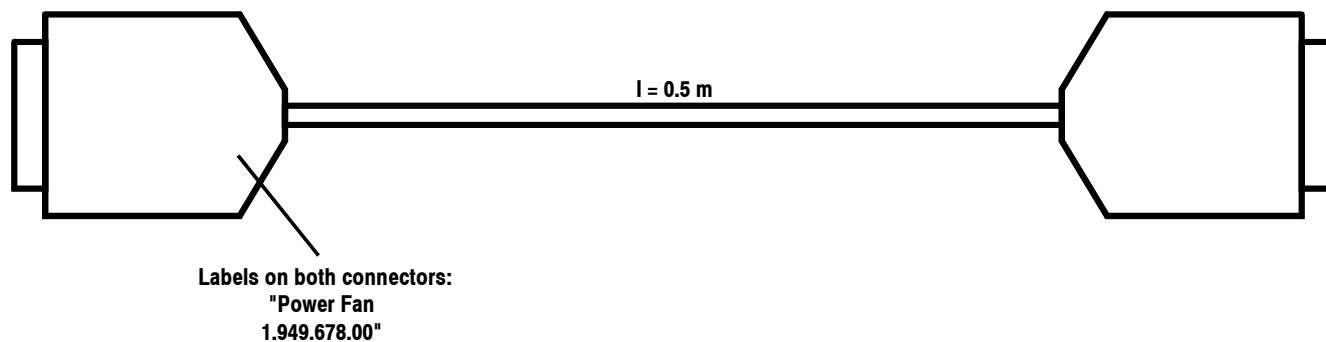
(0) 20.02.02 ML

Cable DSP Core – Monitoring, 15 m 1.949.677.00

C1, C2: 15-pin D-type f: 54.02.0441 Case: 54.13.7042 Crimp contacts: 54.02.0450 C3: 15-pin D-type m: 54.02.0446 Case: 54.13.7042 Crimp contacts: 54.02.0451	Cable: 10 x 2 x 0.15: 64.03.1009 Unused wires go to C3 as a strain relief. Individual screens: insulated. Overall screen connected with wire to case of C3.	C4, C5: 15-pin D-type m: 54.02.0446 Case: 54.13.7042 Crimp contacts: 54.02.0451
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Connector	Pin	Colour	Signal	Colour	Pin	Connector
C1	1	wht	AES PFL a	wht	1	C4
	9	org	AES PFL b	org	9	
	2	screen	AES PFL screen	screen	2	
	10	screen	AES CR left/right screen	screen	10	
	3	grn	AES CR left/right b	grn	3	
	11	wht	AES CR left/right a	wht	11	
	5	wht	AES CR Ls/Rs a	wht	5	
	13	yel	AES CR Ls/Rs b	yel	13	
	6	screen	AES CR Ls/Rs screen	screen	6	
	14	screen	AES CR C/Sub screen	screen	14	
	7	gry	AES CR C/Sub b	gry	7	
	15	wht	AES CR C/Sub a	wht	15	
C2	1	wht	AES CR Lc/Rc a	wht	1	C5
	9	blu	AES CR Lc/Rc b	blu	9	
	2	screen	AES CR Lc/Rc screen	screen	2	
	5	wht	AES ST2 a	wht	5	
	13	vio	AES ST2 b	vio	13	
	6	screen	AES ST2 screen	screen	6	
	14	screen	AES ST1 screen	screen	14	
	7	tan	AES ST1 b	tan	7	
	15	wht	AES ST1 a	wht	15	
C3	2	screen	AES TB Int screen	screen	10	
	9	blk	AES TB Int b	blk	3	
	1	wht	AES TB Int a	wht	11	

(0) 20.02.02 ML

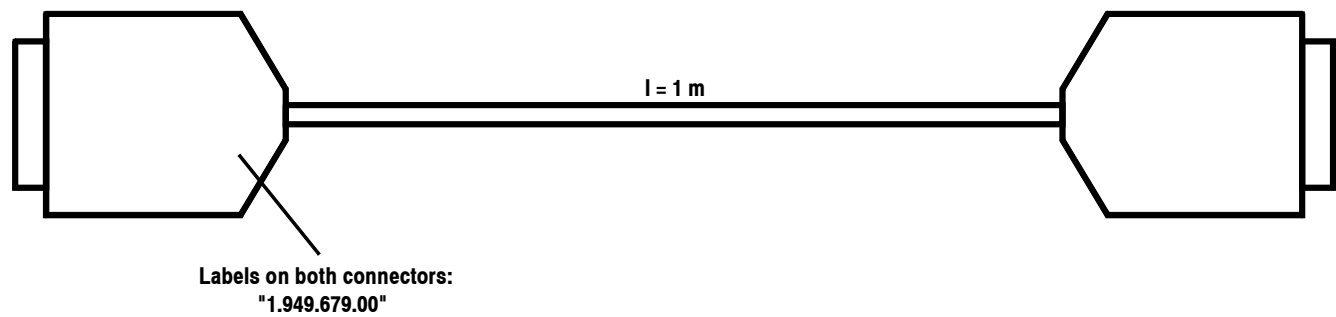
Cable Power Fan 1.949.678.00

Connector: 15-pin D-type f: 54.02.0441 Case: 54.13.7042 Crimp contacts: 54.02.0454	Cable: 2 x approx. 0.5 mm ² , DIN 47100; Li-yy (Heiniger 999 883 023)	Connector: 9-pin D-type m: 54.02.0445 Case: 54.13.7041 Crimp contacts: 54.02.0455
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Pin	Colour	Signal	Colour	Pin
1	wht	0 V	wht	8
3	brn	-15 V	brn	9

(0) 20.02.02 ML

Cable AES/EBU In-Out 1.949.679.00



Connector: 15-pin D-type f: 54.02.0441 Case: 54.13.7042 Crimp contacts: 54.02.0450	Cable: 4 x 2 x 0.14: 64.03.1007 Individual screens: insulated. Screen foil folded back by 10 mm and clamped with inner strain release	Connector: 15-pin D-type m: 54.02.0446 Case: 54.13.7042 Crimp contacts: 54.02.0451
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Pin	Colour	Signal	Colour	Pin
1	wht	AES 1 a	wht	1
9	yel	AES 1 b	yel	9
2	screen	AES 1 screen	screen	2
10	screen	AES 2 screen	screen	10
3	grn	AES 2 b	grn	3
11	wht	AES 2 a	wht	11
5	wht	AES 4 a	wht	5
13	brn	AES 4 b	brn	13
6	screen	AES 4 screen	screen	6
14	screen	AES 3 screen	screen	14
7	gry	AES 3 b	gry	7
15	wht	AES 3 a	wht	15

(0) 01.02.02 ML

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