

STUDER A827 MCH

Up-date to the service manual Part II Studer A827 MCH

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- KB Audio Remote Par. 8CH	1.328.509.00

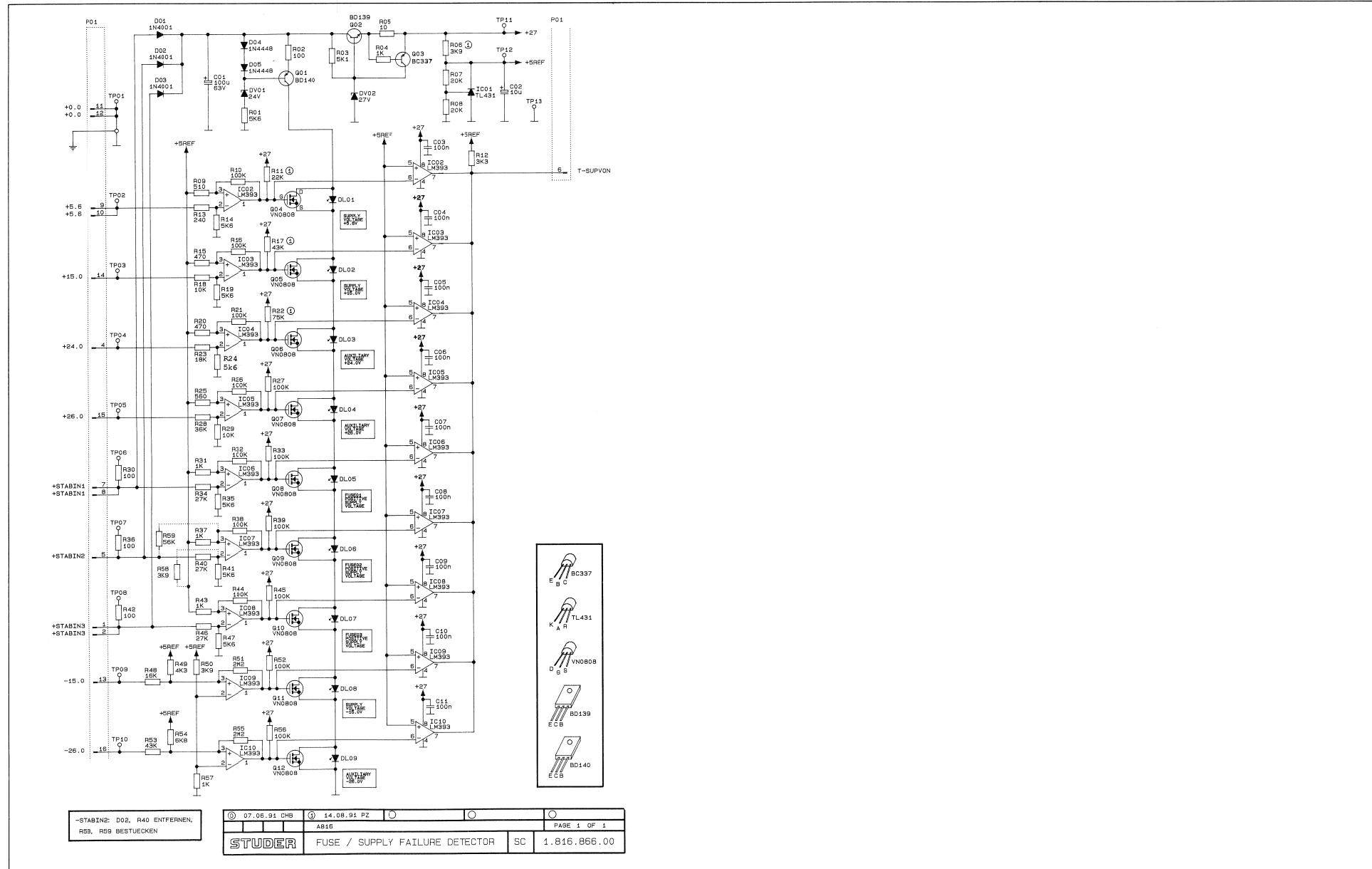
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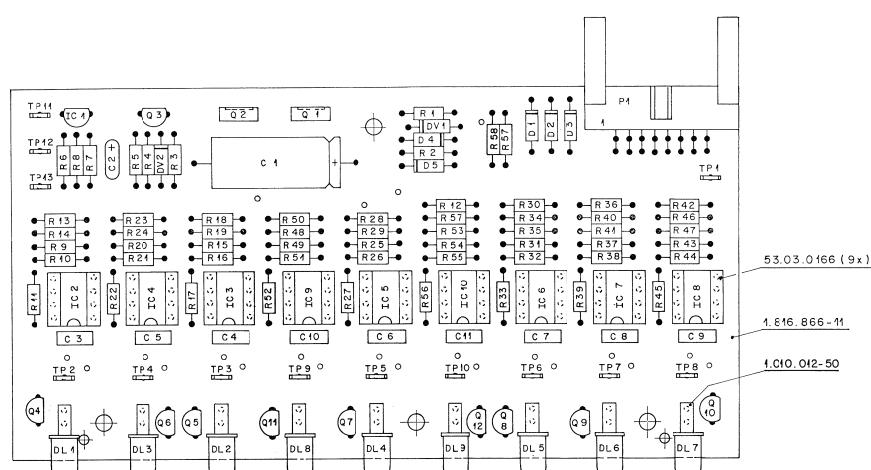
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FUSE / SUPPLY FAILURE DETECTOR 1.816.866.00



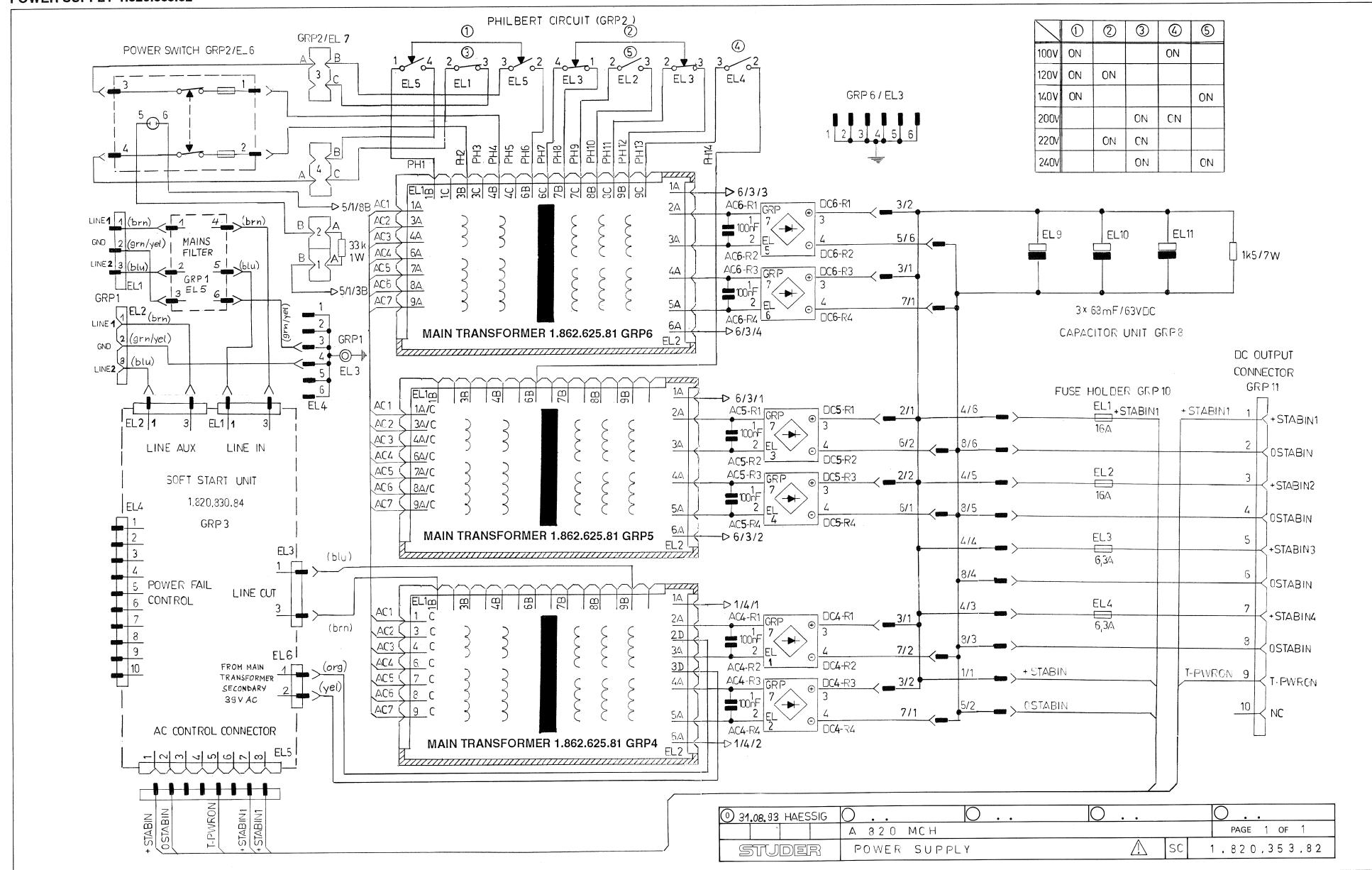
STUDER A827 MCH

FUSE / SUPPLY FAILURE DETECTOR 1.816.866.00

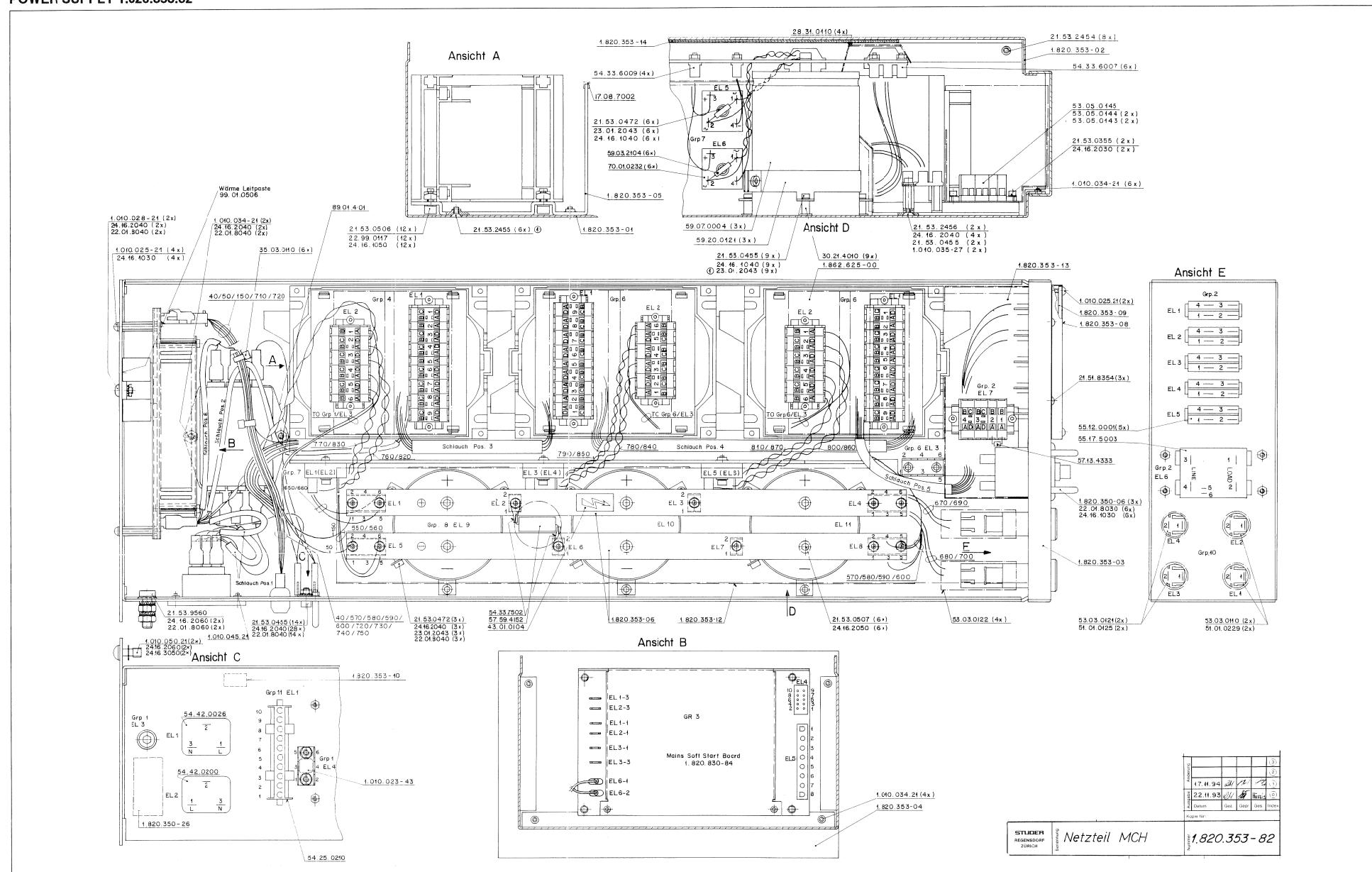


Ad	...POS...	REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	...POS...	REF.No...	DESCRIPTION.....	MANUFACTURER
C.....1	59.06.0101	100 nF	20%, 63 V, El	Ph	R.....44	57.11.3104	100 kOhm	5k	
C.....2	59.06.0100	100 nF	20%, 16 V, Sa1		R.....45	57.11.3104	100 kOhm	5k	
C.....3	59.06.0104	100 nF	PETP		R.....46	57.11.3273	27 kOhm	1%	
C.....4	59.06.0104	100 nF	10%, PETP		R.....47	57.11.3562	5.6 kOhm	1%	
C.....5	59.06.0104	100 nF	10%, PETP		R.....48	57.11.3163	16 kOhm	1%	
C.....6	59.06.0104	100 nF	10%, PETP		R.....49	57.11.3392	4.2 kOhm	1%	
C.....7	59.06.0104	100 nF	10%, PETP		R.....50	57.11.3392	3.9 kOhm	1%	
C.....8	59.06.0104	100 nF	10%, PETP		R.....51	57.11.8225	2.2 MOhm	5%	
C.....9	59.06.0104	100 nF	10%, PETP		R.....52	57.11.3104	100 kOhm	1%	
C.....10	59.06.0104	100 nF	10%, PETP		R.....53	57.11.3433	43 kOhm	1%	
C.....11	59.06.0104	100 nF	10%, PETP		R.....54	57.11.3392	6.7 kOhm	1%	
					R.....55	57.11.5225	2.2 MOhm	5%	
1.....1	50.04.0122	IN 4001	... IN 4004	GI,Mot	R.....56	57.11.3104	100 kOhm	5k	
1.....2	50.04.0122	IN 4001	... IN 4004	GI,Mot	R.....57	57.11.3102	1 kOhm	1%	
1.....3	50.04.0122	IN 4001	... IN 4004	GI,Mot	R.....58	. . . 0	not used		
1.....4	50.04.0122	IN 4001	... IN 4004	Fc,IT,Tn,Tf	R.....59	. . . 0	not used		
D.....1	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....1	54.02.0320	Testpoint		
D.....2	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....2	54.02.0320	Testpoint		
D.....3	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....3	54.02.0320	Testpoint		
D.....4	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....4	54.02.0320	Testpoint		
D.....5	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....5	54.02.0320	Testpoint		
D.....6	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....6	54.02.0320	Testpoint		
D.....7	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....7	54.02.0320	Testpoint		
D.....8	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....8	54.02.0320	Testpoint		
D.....9	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....9	54.02.0320	Testpoint		
D.....10	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....10	54.02.0320	Testpoint		
D.....11	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....11	54.02.0320	Testpoint		
D.....12	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....12	54.02.0320	Testpoint		
D.....13	50.04.2113	NV 5453	CH 384 B, HMP-3507	GI,HP	TP....13	54.02.0320	Testpoint		
DV....1	50.04.1121	24V, 5%	.40W, Z,						
DV....2	50.04.1126	27V, 5%	.40W, Z,						
IC.....1	50.10.0106	TL431CLP		Mot,TI				14.08.91 (01) Correction of tolerance.	
IC.....2	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
IC.....3	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
IC.....4	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
IC.....5	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
IC.....6	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
IC.....7	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
IC.....8	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
IC.....9	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
IC.....10	50.05.0283	NM 393 N	LM 393 P	Tl,NS					
P.....1	54.14.2112		Winkelstecker 16P						
Q.....1	50.03.0452	BD 140		Not,Ph,SGS,Tf,Io					
Q.....2	50.03.0451	BD 139		Tho,Not,Ph,SGS,Tf,Io					
Q.....3	50.03.0451	BD 139	0.027 J E						
Q.....4	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
Q.....5	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
Q.....6	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
Q.....7	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
Q.....8	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
Q.....9	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
Q.....10	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
Q.....11	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
Q.....12	50.03.1505	VN 0808M	ZVN0108	Fe,Six					
R.....1	57.11.3162	5.6 kOhm	5%						
R.....2	57.11.3101	100 kOhm	5%						
R.....3	57.11.3101	5.1 kOhm	5%						
R.....4	57.11.3101	20 kOhm	5%						
R.....5	57.11.3101	10 Ohm	5%						
R.....6	57.11.3512	5.1 kOhm	5%						
R.....7	57.11.3392	3.9 kOhm	5%						
R.....8	57.11.3203	20 kOhm	5%						
R.....9	57.11.3511	510 Ohm	1%						
R.....10	57.11.3104	100 kOhm	5%						
R.....11	57.11.3123	22 kOhm	5%						
R.....12	57.11.3332	3.3 kOhm	5%						
R.....13	57.11.3241	240 Ohm	1%						
R.....14	57.11.3162	5.5 kOhm	1%						
R.....15	57.11.3104	470 Ohm	1%						
R.....16	57.11.3104	100 kOhm	5%						
R.....17	57.11.3104	100 kOhm	5%						
R.....18	57.11.3433	43 kOhm	5%						
R.....19	57.11.3162	5.5 kOhm	1%						
R.....20	57.11.3471	470 Ohm	1%						
R.....21	57.11.3104	100 kOhm	5%						
R.....22	57.11.3104	100 kOhm	5%						
R.....23	57.11.3188	75 kOhm	5%						
R.....24	57.11.3512	5.6 kOhm	1%						
R.....25	57.11.3561	560 Ohm	1%						
R.....26	57.11.3104	100 kOhm	5%						
R.....27	57.11.3104	100 kOhm	5%						
R.....28	57.11.3363	36 kOhm	1%						
R.....29	57.11.3103	10 kOhm	1%						
R.....30	57.11.3101	100 kOhm	5%						
R.....31	57.11.3101	100 kOhm	5%						
R.....32	57.11.3104	100 kOhm	5%						
R.....33	57.11.3104	100 kOhm	5%						
R.....34	57.11.3273	27 kOhm	1%						
R.....35	57.11.3162	5.5 kOhm	1%						
R.....36	57.11.3104	100 kOhm	5%						
R.....37	57.11.3102	10 kOhm	1%						
R.....38	57.11.3104	100 kOhm	5%						
R.....39	57.11.3104	100 kOhm	5%						
R.....40	57.11.3101	27 kOhm	1%						
R.....41	57.11.3162	5.6 kOhm	1%						
R.....42	57.11.3101	100 Ohm	5%						
R.....43	57.11.3102	1 kOhm	1%						

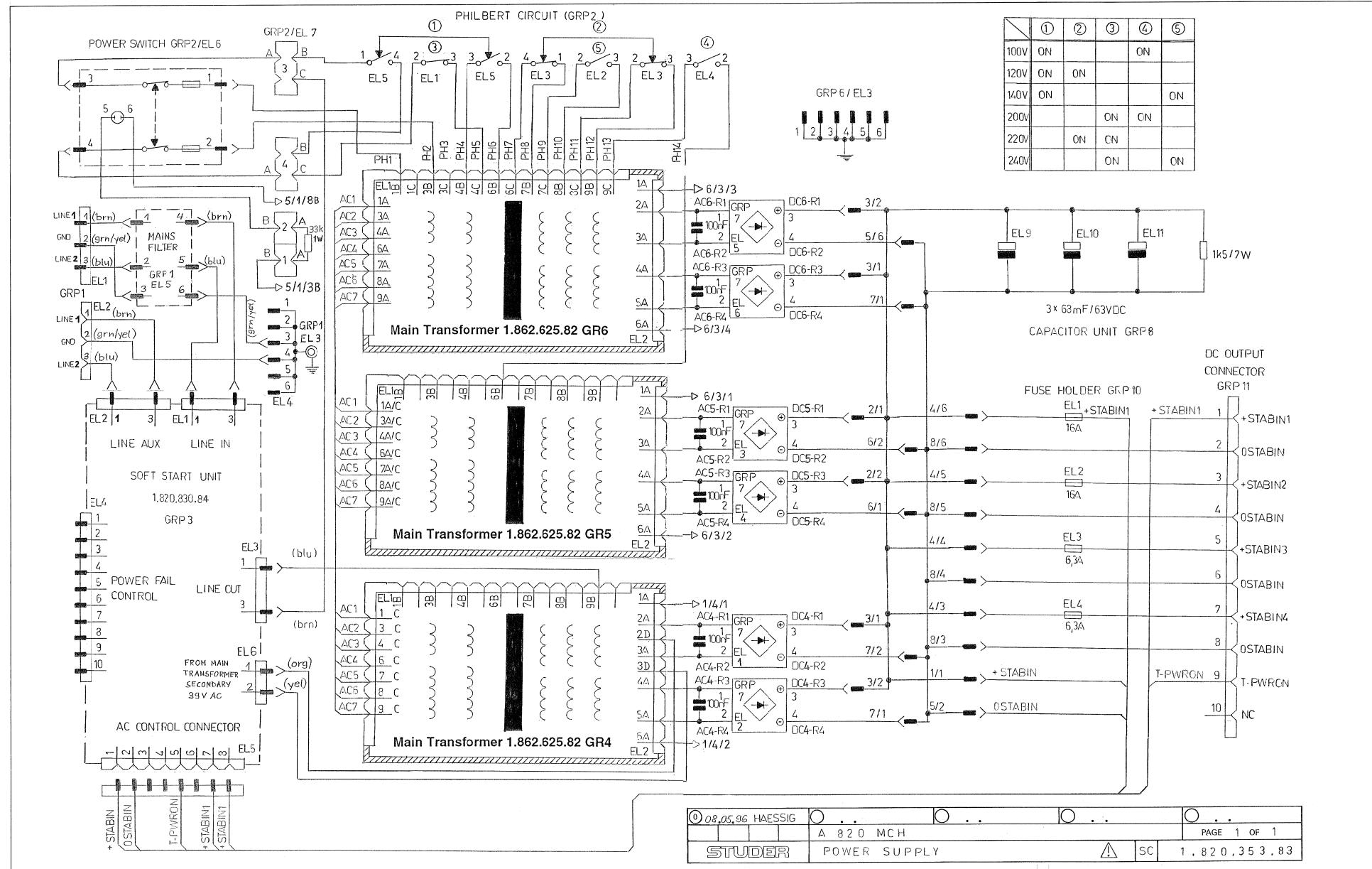
POWER SUPPLY 1.820.353.82



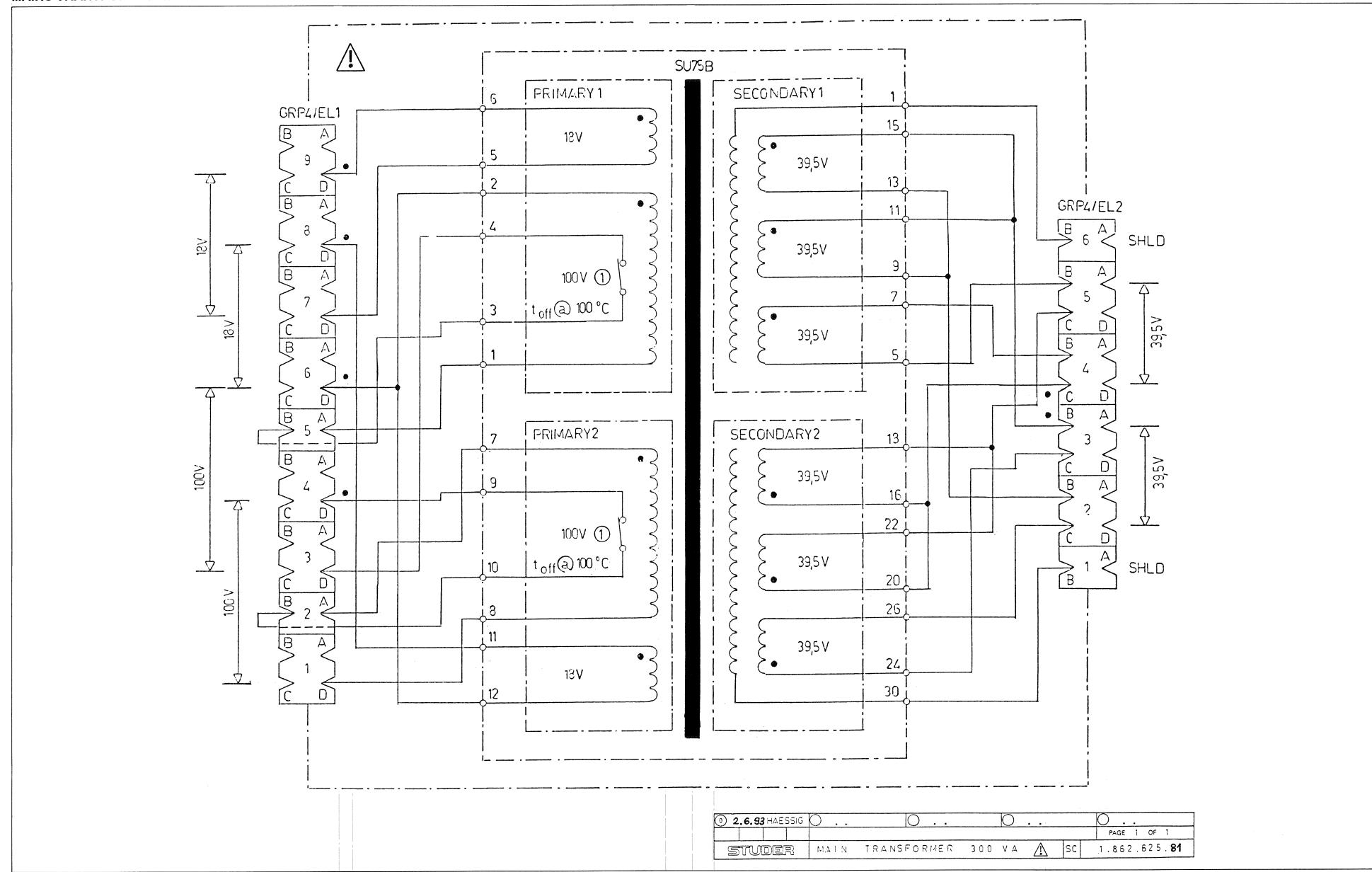
POWER SUPPLY 1.820.353.82



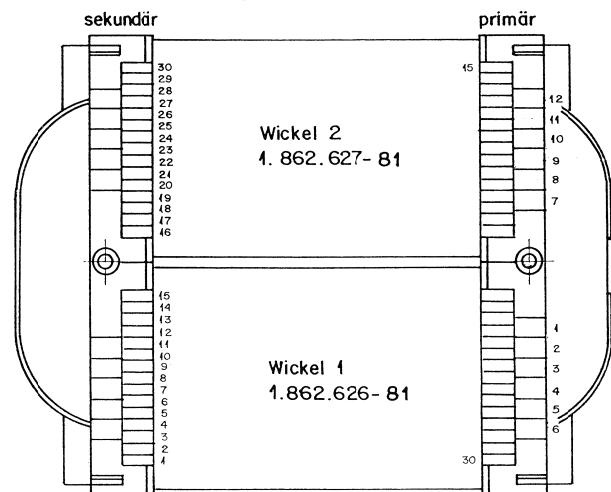
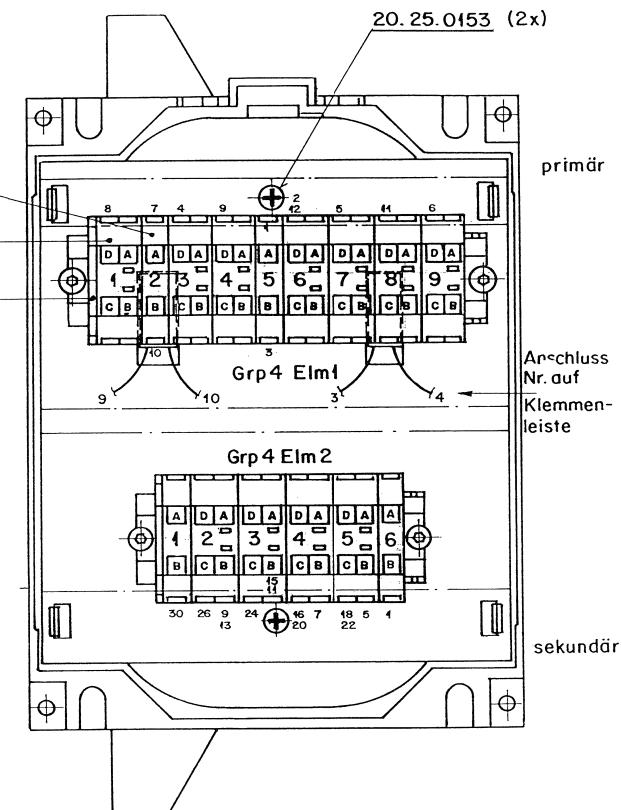
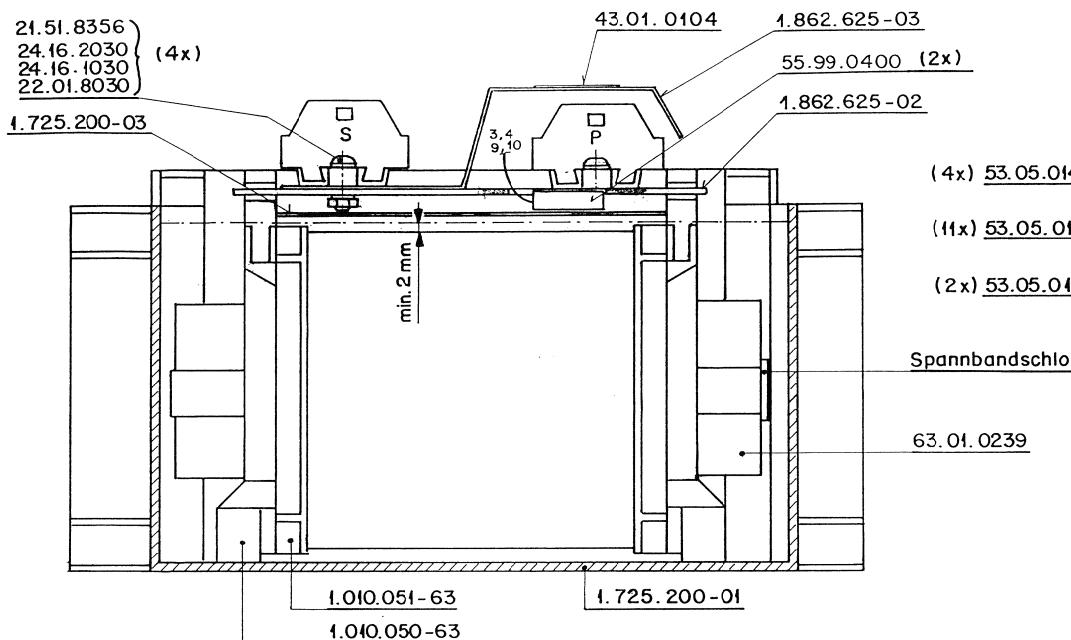
POWER SUPPLY 1.820.353.83



MAINS TRANSFORMER 1.862.625.81

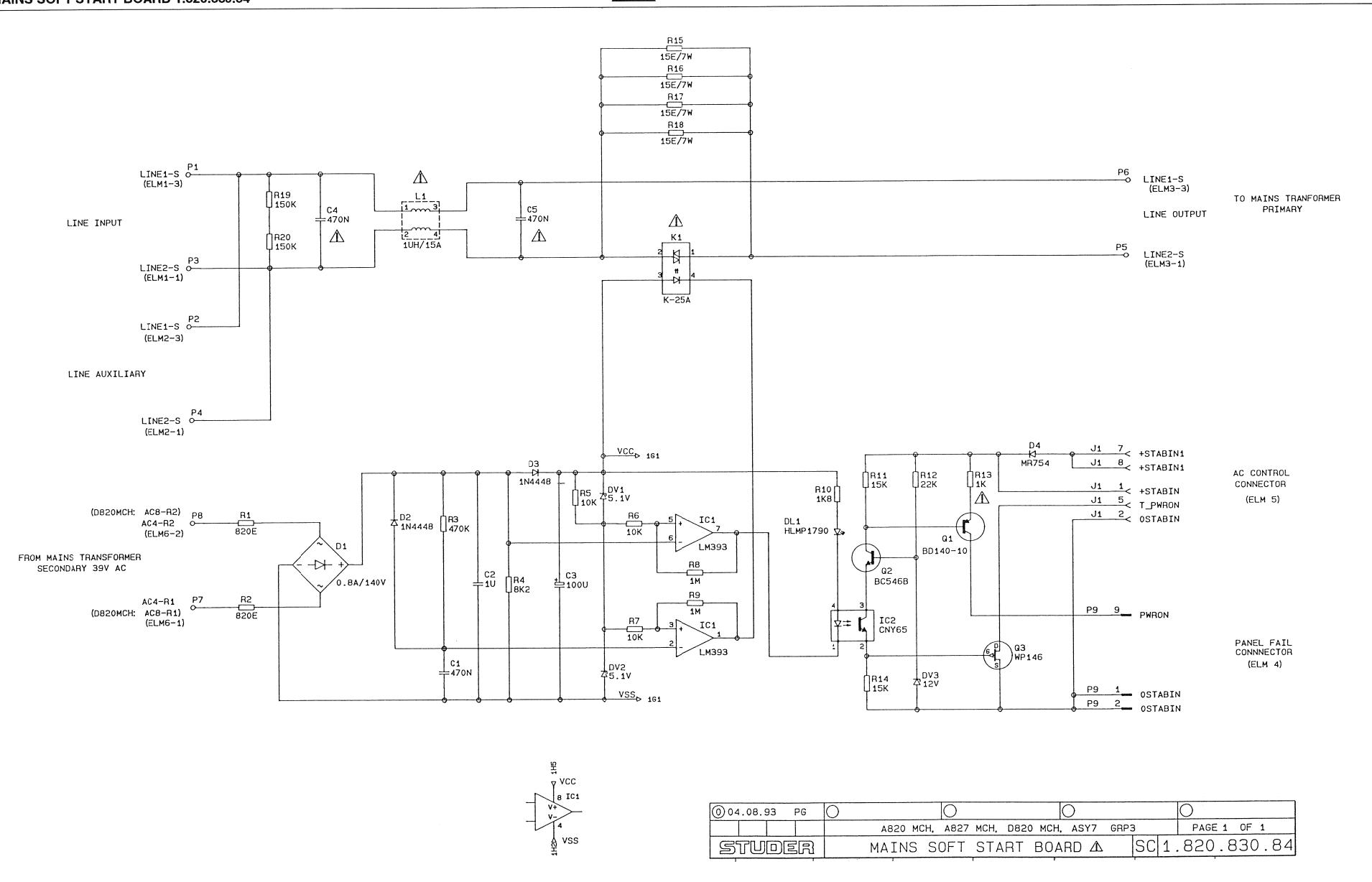


MAINS TRANSFORMER 1.862.625.81

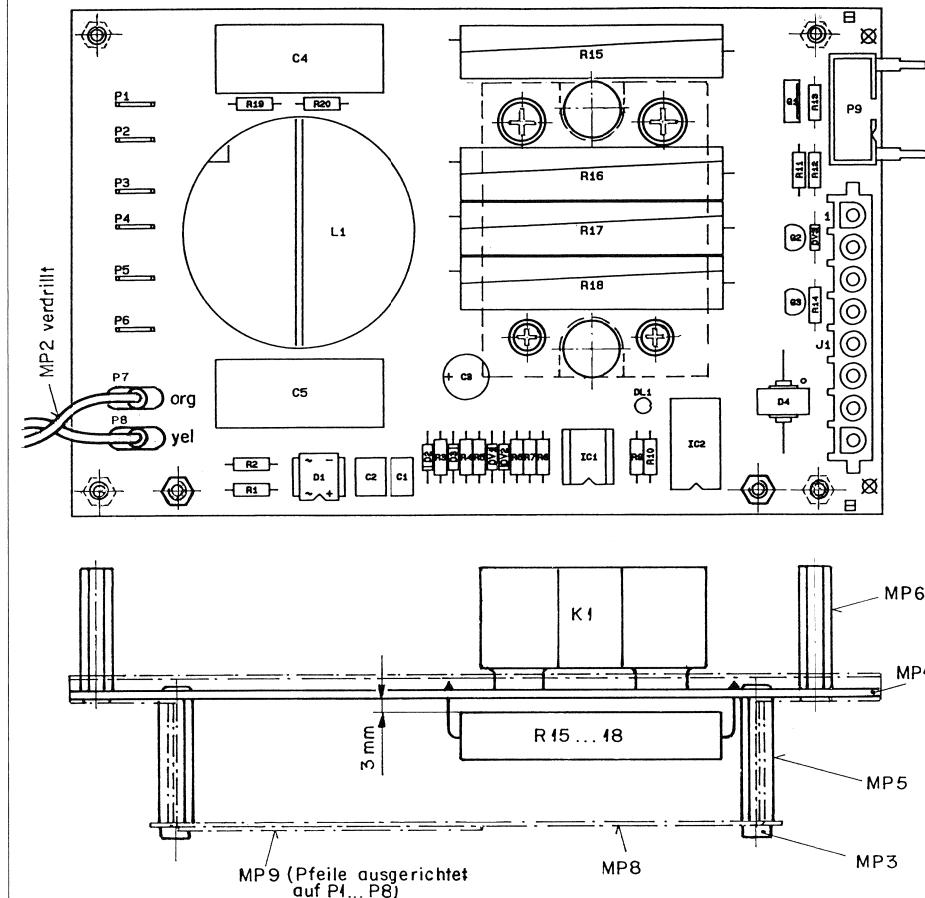


STUDER	REGENSDOOR	ZURICH	Main Power Transformer	1.862.625-81
2.6.93	Off	On		
Datum	Out	In		
Kontakt Nr.				

MAINS SOFT START BOARD 1.820.830.84



MAINS SOFT START BOARD 1.820.830.84



Ad ... POS... REF. No... DESCRIPTION..... MANUFACTURER

C.....1	59.06.5474	470n	5 %, 50V, PETP	
C.....2	59.06.5475	1u	5 %, 50V, PETP	
C.....3	59.22.5101	100n	-20 %, 250V, EI	
C.....4	59.14.3474	470n	20 %, 300VAC, X2, /1\	
C.....5	59.14.3474	470n	20 %, 300VAC, X2, /1\	
D.....1	70.01.0216	DF 02 M	0.8 A, 200V, BRIDGE RECTIFIER	GI
D.....2	50.04.0125	IN4448	0.15A, 75V, RECTIFIER	IT, NS, Ph, R-O, Tf
D.....3	50.04.0125	IN4448	0.15A, 75V, RECTIFIER	IT, NS, Ph, R-O, Tf
D.....4	50.04.0518	MR754	6 A, 400V, RECTIFIER	Not
DL....1	50.04.2202	HLMP1790	GRN DIF, LED 3.18MM	HP, GI
DV....1	50.04.1112	5.1V	5 %, 0.5 W, Z,	IT, Mot, Ph, Tf, SGS/Tho
DV....2	50.04.1112	5.1V	5 %, 0.5 W, Z,	IT, Mot, Ph, Tf, SGS/Tho
DV....3	50.04.1117	12 V	5 %, 0.5 W, Z,	IT, Mot, Ph, Tf, SGS/Tho
IC....1	50.05.0283	LMS93	DIP8, DUAL COMPARATOR	NS, Ph, T1, SGS/Tho
IC....2	50.04.2148	CNY65	DIOP8, OPTOCOUPLER	Tf
J.....1	54.25.0008	8-P	see note 1	
K....1	56.02.0201	SC842110	25 A, 250 V, Solid State Relay /1\ CELDUC	
L....1	62.03.0115	1 mH	15 A, COMMON MODE, /1\ Hartmann,Sie,Tokin	
MP....1	1.820.830.14	1 pce	MAIN SOFT START PCB, /1\	St
MP....2	1.820.830.93	1 pce	LL MAIN SOFT START BOARD	St
MP....3	57.11.3107	2 pcs	Z-Schutz, NYLON, M3 = 6	
MP....4	43.01.0108	1 pce	ESE-Warnschild	
MP....5	1.010.022.22	2 pce	Nietmutter, M3 = 25	St
MP....6	1.010.053.22	4 pce	Nietmutter, M3 = 25	St
MP....7	1.010.053.22	1 pce	Nietmutter, M3 = 20	St
MP....8	1.820.830.04	1 pce	Isolation, MAIN SOFT START BOARD	St
MP....9	1.820.830.05	1 pce	Bezeichnungsschild, Anschluesse	St
P....1	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8	
P....2	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8	
P....3	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8	
P....4	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8	
P....5	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8	
P....6	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8	
P....7	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8	
P....8	54.02.0335	1-P	STR., MALE, FLATPIN 6.3*0.8	
P....9	54.14.2101	10-P	STR., MALE, FLATPIN 6.3*0.8	
Q....1	50.03.0452	B0140-10	PNP, TO126-1	Ph, Tf, To, SGS/Tho
Q....2	50.03.0491	BC546B	MPN, T092-1	Ph, Sie
Q....3	50.03.0329	WP146	PFET, T092-6	Six
R....1	57.11.3281	820 Ohm	1 %, 0.4W, MF	
R....2	57.11.3281	820 Ohm	1 %, 0.4W, MF	
R....3	57.11.3474	470 kOhm	1 %, 0.4W, MF	
R....4	57.11.3822	8.2 kOhm	1 %, 0.4W, MF	
R....5	57.11.3103	10 kOhm	1 %, 0.4W, MF	
R....6	57.11.3103	10 kOhm	1 %, 0.4W, MF	
R....7	57.11.3103	10 kOhm	1 %, 0.4W, MF	
R....8	57.11.3103	1 MOhm	1 %, 0.4W, MF	
R....9	57.11.3103	1 MOhm	1 %, 0.4W, MF	
R....10	57.11.3103	1.8 kOhm	1 %, 0.4W, MF	
R....11	57.11.3153	15 kOhm	1 %, 0.4W, MF	
R....12	57.11.3223	22 kOhm	1 %, 0.4W, MF	
R....13	57.11.3102	1 MOhm	10 %, 7 W, Fusible Resistor, /1\	
R....14	57.11.3153	15 kOhm	1 %, 0.4W, MF	
R....15	57.59.6150	15 Ohm	10 %, 7 W, Wirewound Resistor with Fuse	
R....16	57.59.6150	15 Ohm	10 %, 7 W, Wirewound Resistor with Fuse	
R....17	57.59.6150	15 Ohm	10 %, 7 W, Wirewound Resistor with Fuse	
R....18	57.59.6150	15 Ohm	10 %, 7 W, Wirewound Resistor with Fuse	
R....19	57.11.3154	150 kOhm	1 %, 0.4W, MF	
R....20	57.11.3154	150 kOhm	1 %, 0.4W, MF	

Note 1 - Connector, 8 contacts:
case: AMP Nr. 826 851-3

Note 2 - Connector, 10 contacts:
case: Siemens Nr. V 23535 - A 2700 - A 102
Thomas + Betts Nr. 501 - 1027 ES

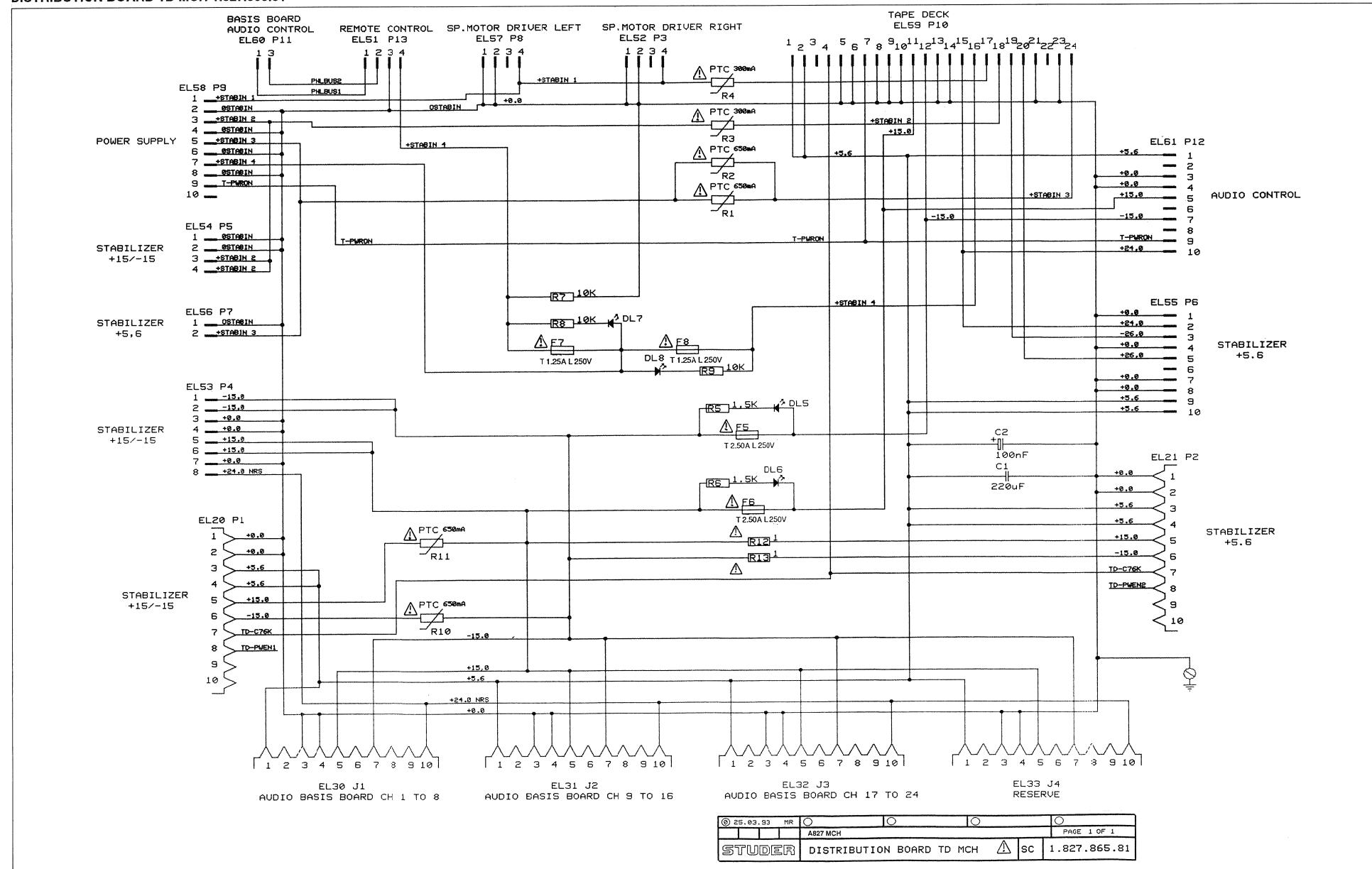
MF = Metal Film, PETP = Polyesterfilm, EI = Electrolytic,

MANUFACTURER: GI-General Instruments, HP=Hewlett Packard, St=Studer,
IR=International Rectifier, ITT=Intertel, Mot=Motorola,
NS=National Semiconductors, Ph=Philips, R=0-M-Ohm,
SGS=SGS/Ates, Sie=Siemens, Six=Siliconix, Tf=Telefunken,
Tho=Thomson, Ti=Texas Instruments, To=Toshiba.

1.820.830.84 MAIN SOFT START BOARD /1\ GP 93/08/0400

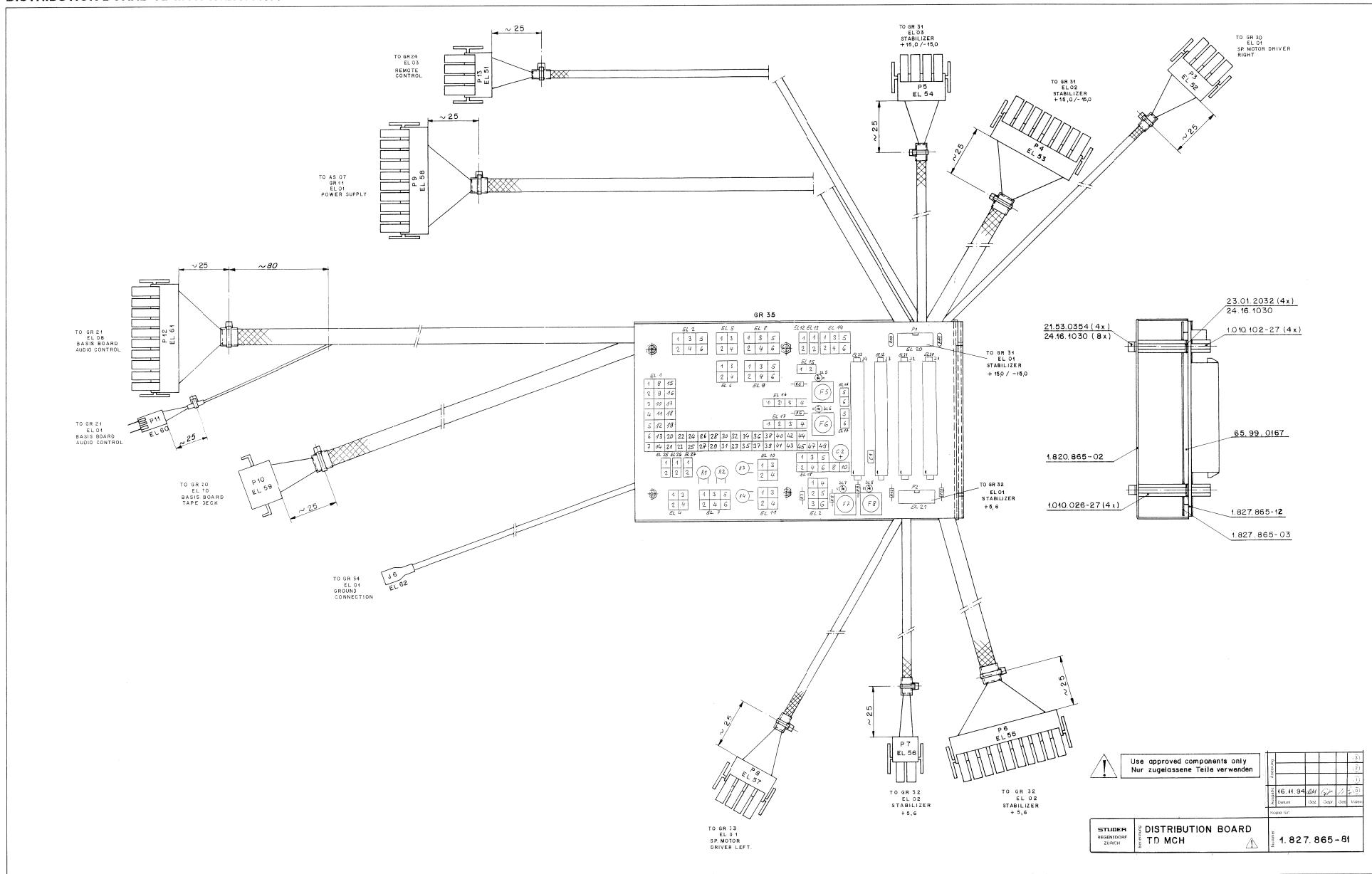
STUDER	Mains Soft Start Board ESE				1.820.830-84
REGENSDORF	Bezeichnung				
ZÜRICH	Ausgabe				
	Anfordung				
	6.9.93	24	Fr	16	(5)
	Ausgabe	Datum	Gef	Ges	Index
	Kopie für				

DISTRIBUTION BOARD TD MCH 1.827.865.81





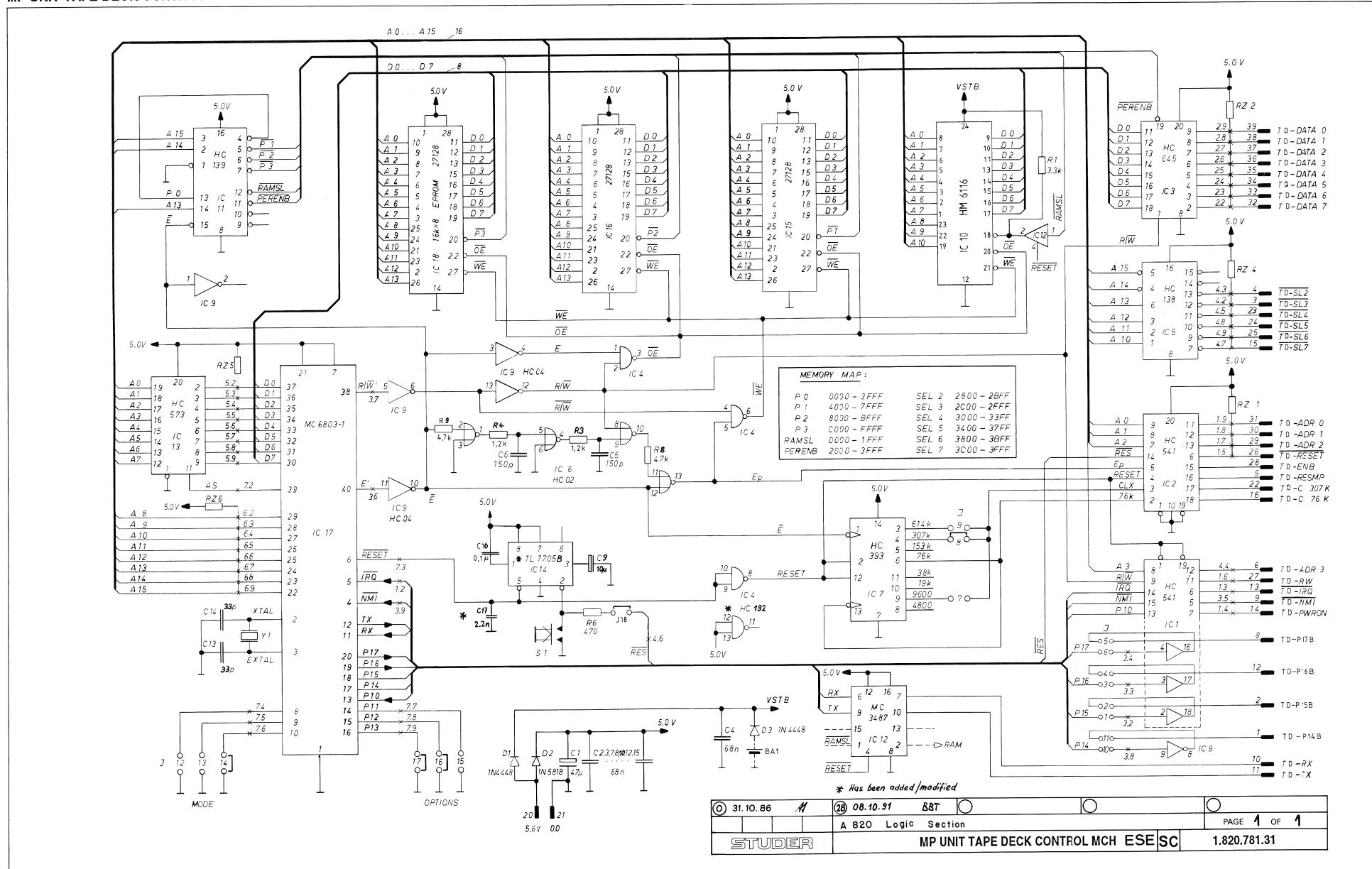
DISTRIBUTION BOARD TD MCH 1.827.865.81



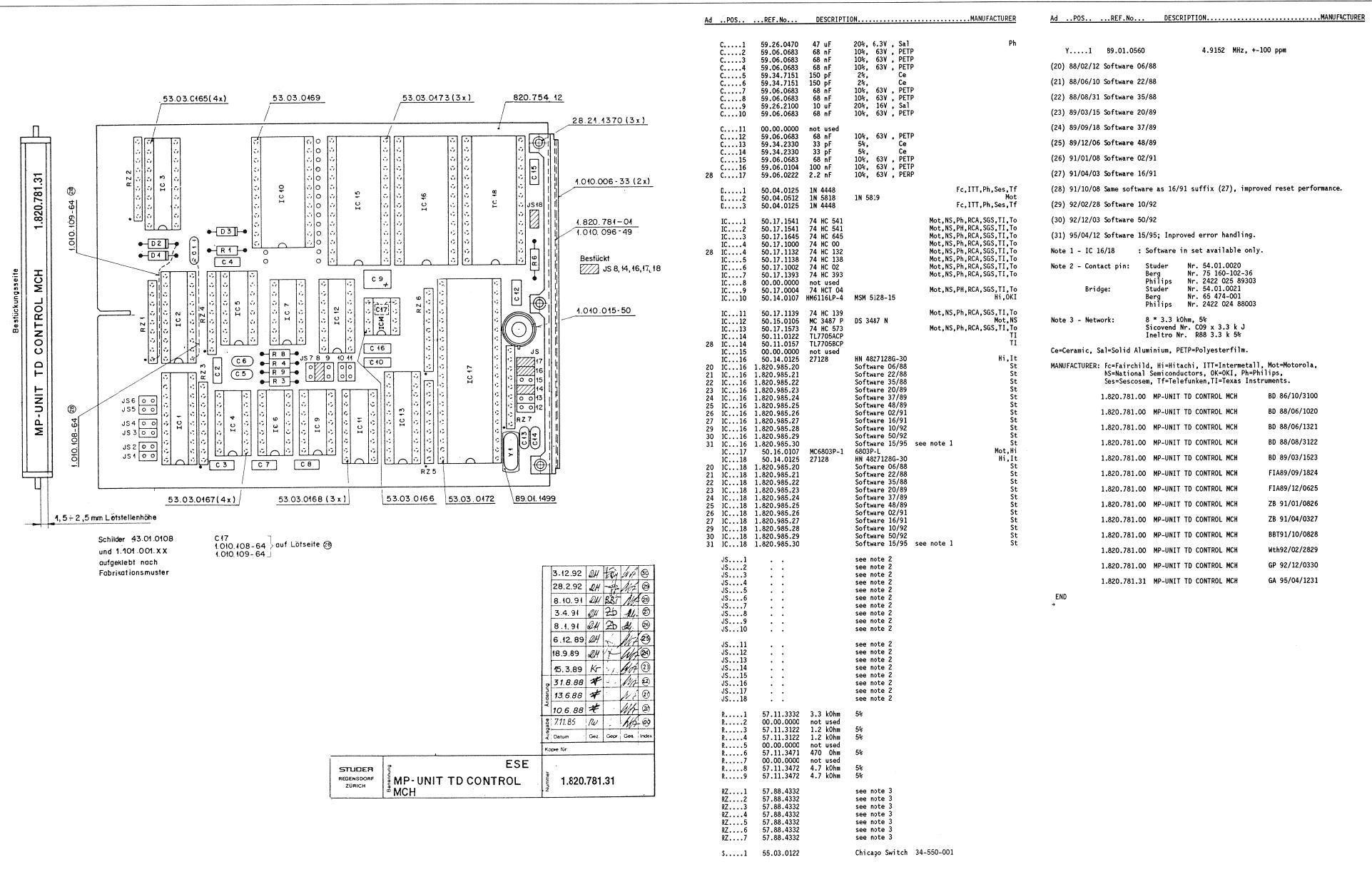


DISTRIBUTION BOARD TD MCH 1.827.865.81

MP UNIT TAPE DECK CONTROL MCH 1.820.781.31

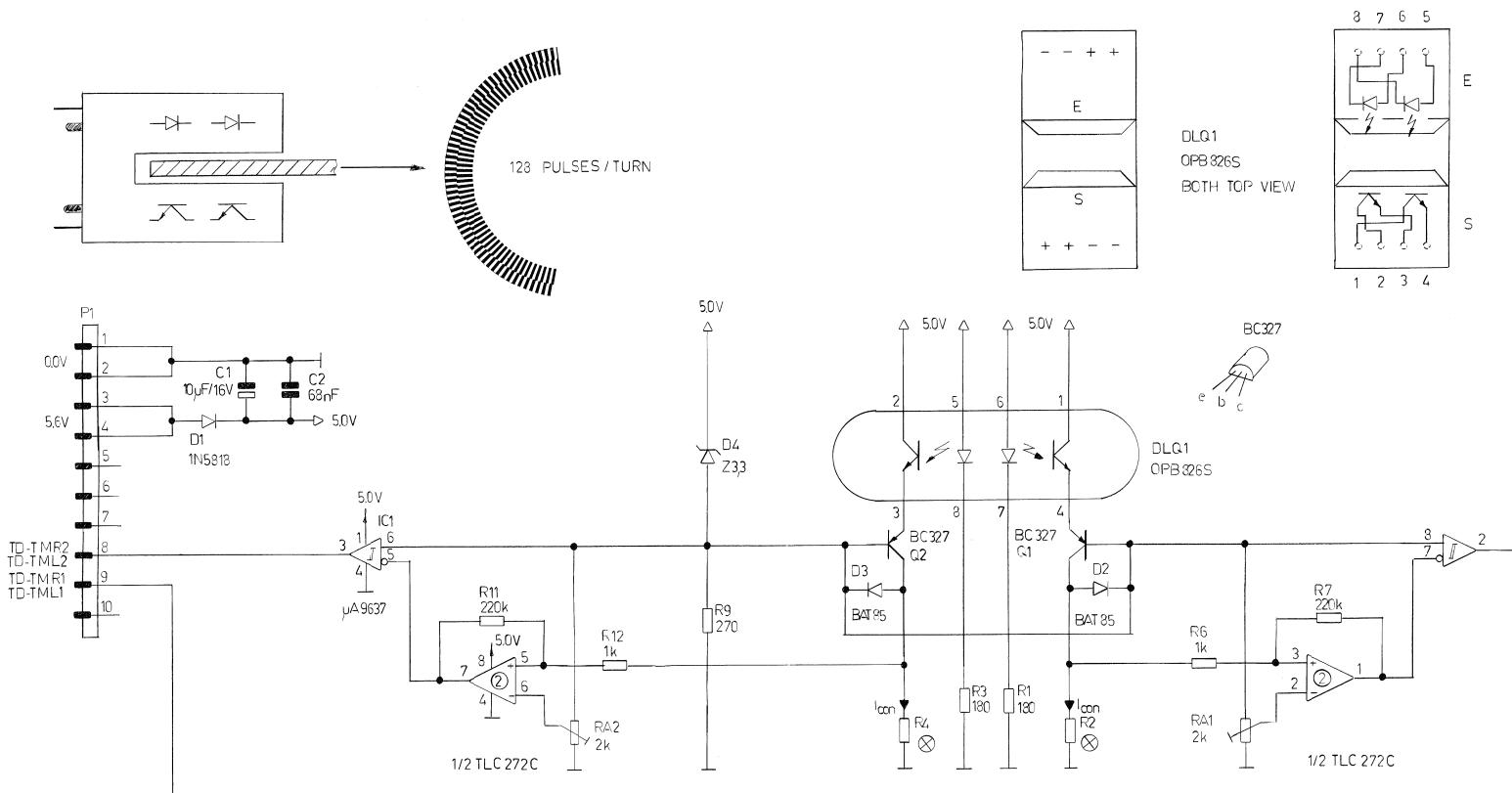


MP UNIT TAPE DECK CONTROL MCH 1.820.781.31

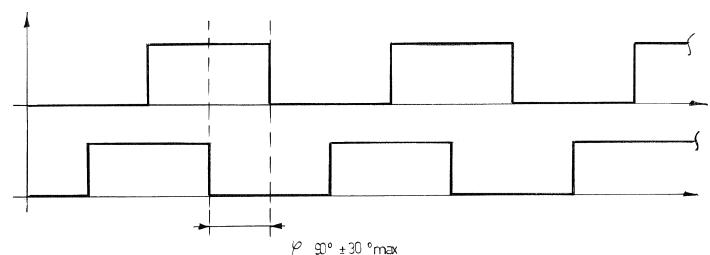




MOTOR TACHO 1.820.771.84



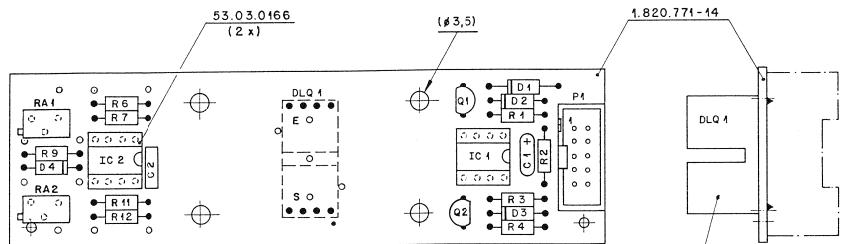
- ⊗ R2/R4 factory adjusted according to following table
coupling measured without tacho disk



Icon $250 \mu\text{A}$ $360 \mu\text{A}$ $520 \mu\text{A}$ $720 \mu\text{A}$ 107 mA 155 mA 22 mA 31 mA 46 mA 65 mA 10 mA

① 15.11.89 ZOLLER	① . .	① . .	① . .	① . .
	A 320			PAGE 1 OF 1
STUDER	MOTOR TACHO	SC 1.820.771.84		

MOTOR TACHO 1.820.771.84



DLQ4 soll aufliegend auf Lötsseite montiert.
Nach der Montage, beschichtet mit Epoxid - Lock roch BV 682.
Hierbei 4 Bohrungen ø 3,5 abgedeckt mit Klebeband (müssen frei bleiben von Lock).

Ad ... Pos. ... Ref. No. Description..... Manufacturer

C.....1 59.06.2100 10 uF 20% 16V, SAI
C.....2 59.06.0683 68 nF 10% 63V, PETP
C.....3 00.00.0000 not used
C.....4 00.00.0000 not used

		MOTOR TACHO BOARD	1.820.771-84
		STUDER Hochstrasse 10 ZURICH	
D.....1	50.04.0512	1N 5818 IN 5918	Op
D.....2	50.04.0127	AT 42 BAT 85, BAS 40-02,	Ph, Sie, Tho
D.....3	50.04.0127	AT 42 BAT 85, BAS 40-02,	Ph, Sie, Tho
D.....4	50.04.1107	BZX 55-C3V3	ITT, Mot, Ph, If, Tho
DLQ.....1	50.99.0166	OPB 826	
IC.....1	50.15.0114	uA9637ACP 9637 ATC	Fc, TI
IC.....2	50.05.0285	LM 358 N LM 358 P	NS, Mot, SGS, TI
01 IC.....2	50.09.0122	TLC 272 C TS 272 CH	SGS, TI
P.....1	54.14.2001	10 cont. see note 1	
Q.....1	50.03.0351	BC 327-25	ITT, Ph, Sie
Q.....2	50.03.0351	BC 327-25	ITT, Ph, Sie
R.....1	57.11.3181	180 Ohm 1%	
R.....2	00.00.0000	factory adjusted	
R.....3	57.11.3181	180 Ohm 1%	
R.....4	00.00.0000	factory adjusted	
R.....5	00.00.0000	not used 1%	
R.....6	57.11.3102	1 kOhm 1%	
R.....7	57.11.3102	220 kOhm 1%	
R.....8	00.00.0000	not used	
R.....9	57.11.3271	270 Ohm 1%	
R.....10	00.00.0000	not used	
R.....11	57.11.3224	220 kOhm 1%	
R.....12	57.11.3102	1 kOhm 1%	
R.....13	00.00.0000	not used	
RA.....1	58.05.0202	2 kOhm 10%, multi turn	
RA.....2	58.05.0202	2 kOhm 10%, multi turn	

(01) 11.01.90 Printout error

Note 1 - Connector 10 contact:

Yamichi nr. FAP-10-08-0055
Burndy nr. BPD 9 810 100 GS
3M nr. 7610-6002 YZ

E=Electrolytic, SAI=Solid aluminum

MANUFACTURER: Fc=Fairchild, ITT=Intertek, Mot=Motorola, NS=National Semiconductor, Op=Optron, Ph=Philips, SGS=SGS/Ates, Sie=Siemens, Tf=Telefunken, Th=Thomson, TI=Texas Instrument.

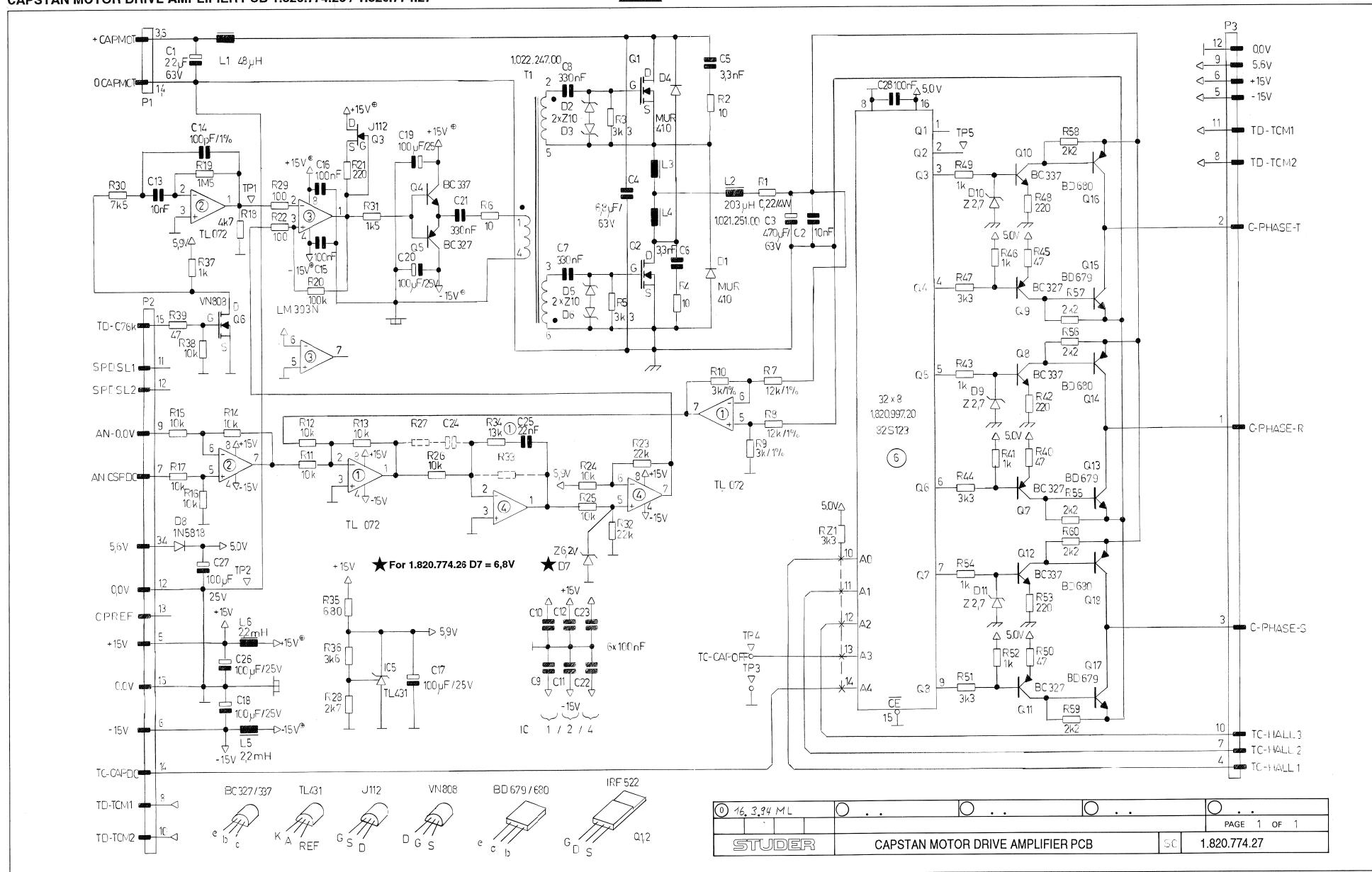
1.820.771.83 MOTOR TACHO

PZ 89/11/150C

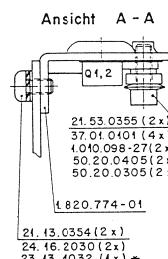
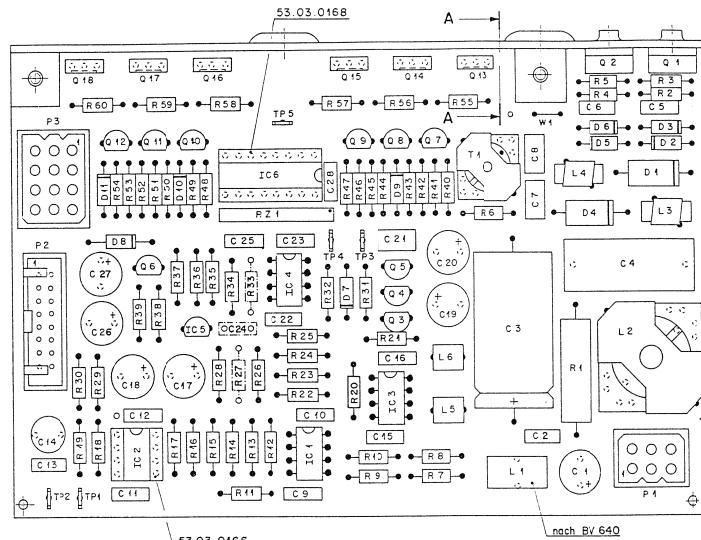
1.820.771.83 MOTOR TACHO

PZ 90/01/1101

CAPSTAN MOTOR DRIVE AMPLIFIER PCB 1.820.774.26 / 1.820.774.27



CAPSTAN MOTOR DRIVE AMPLIFIER PCB 1.820.774.26 / 1.820.774.27



1.820.774-14

STUDER	CAPSTAN MOTOR
REGENSBERG	DRIVE AMPL.
ZURICH	ESE

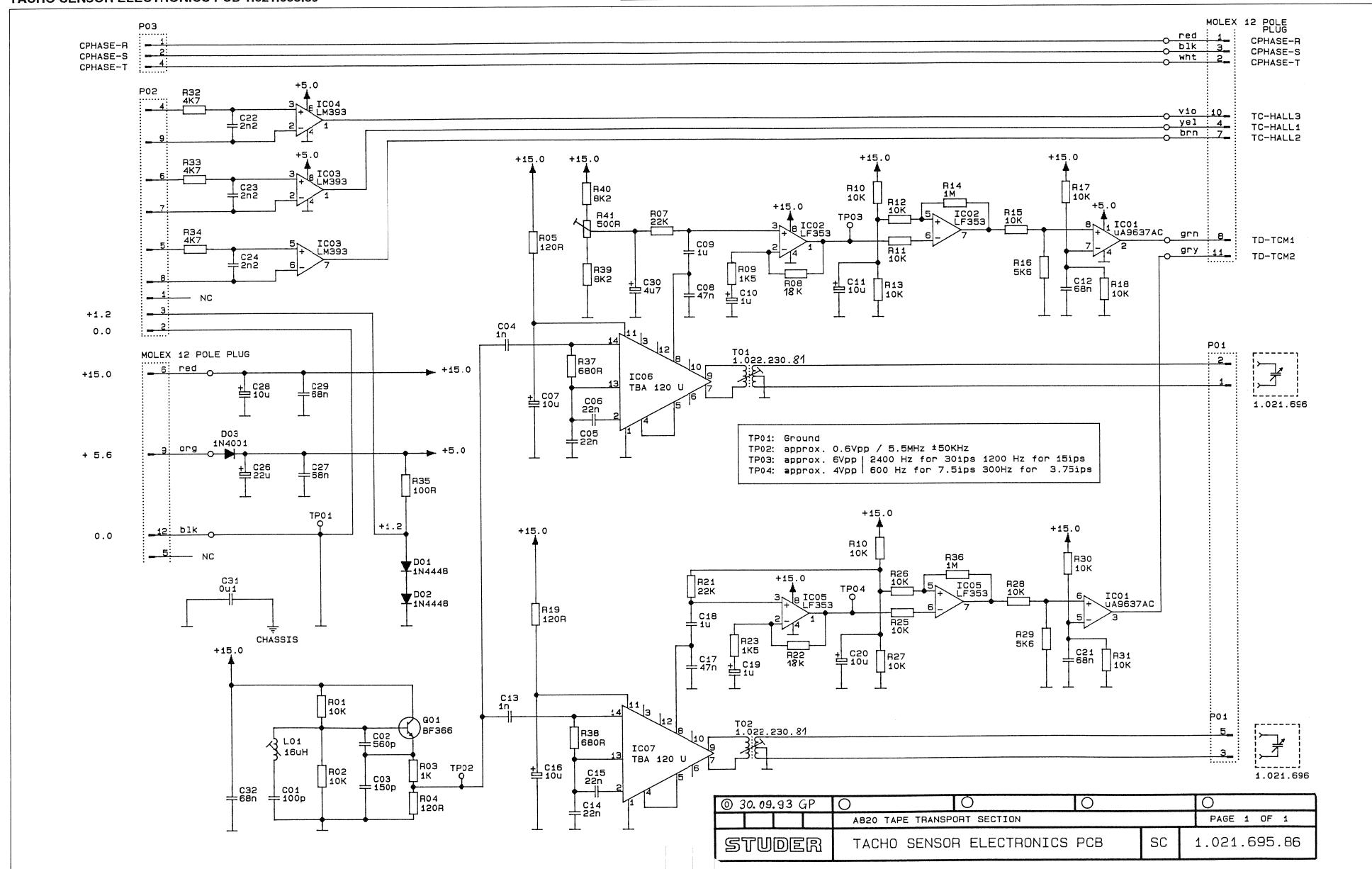
1.820.774-27

Ad	POS.	REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	POS.	REF.No...	DESCRIPTION.....	MANUFACTURER
C.....1	59.22.8220	22 uF	-20%, 63V, EL		R....23	57.11.3223	22 kOhm	10k	
C.....2	59.06.0103	10 nF	10%, 63V, PETP		R....24	57.11.3103	10 kOhm	10k	
C.....3	59.25.6477	470 uF	-20%, 63V, EL		R....25	57.11.3103	10 kOhm	10k	
C.....4	59.06.0325	3.3 nF	10%, 63V, MPC		R....26	57.11.3103	10 kOhm	10k	
C.....5	59.06.0332	3.3 nF	10%, 63V, PETP		R....27	00.00.0000	not used		
C.....6	59.06.0332	3.3 nF	10%, 63V, PETP		R....28	57.11.3272	2.7 kOhm	1k	
C.....7	59.06.0334	330 nF	10%, 63V, PETP		R....29	57.11.3101	100 Ohm	10k	
C.....8	59.06.0334	330 nF	10%, 63V, PETP		R....30	57.11.3752	7.5 kOhm	1k	
C.....9	59.06.0104	100 nF	10%, 63V, PETP		R....31	57.11.3152	1.5 kOhm	10k	
C.....10	59.06.0104	100 nF	10%, 63V, PETP		R....32	57.11.3223	22 kOhm	10k	
C.....11	59.06.0104	100 nF	10%, 63V, PETP		R....33	00.00.0000	not used		
C.....12	59.06.0104	100 nF	10%, 63V, PETP		R....34	57.11.3133	13 kOhm	1k	
C.....13	59.06.0103	10 nF	10%, 63V, PETP		R....35	57.11.3681	680 Ohm	10k	
C.....14	59.05.1101	100 pF	1% 63V, PP		R....36	57.11.3362	3.6 kOhm	1k	
C.....15	59.06.0104	100 nF	10%, 63V, PETP		R....37	57.11.3103	3 kOhm	10k	
C.....16	59.06.0104	100 nF	10%, 63V, PETP		R....38	57.11.3103	10 kOhm	10k	
C.....17	59.22.5101	100 uF	-20%, 25V, EL		R....39	57.11.3470	47 Ohm	10k	
C.....18	59.22.5101	100 uF	-20%, 25V, EL		R....40	57.11.3470	47 Ohm	10k	
C.....19	59.22.5101	100 uF	-20%, 25V, EL						
C.....20	59.22.5101	100 uF	-20%, 25V, EL						
C.....21	59.06.0334	330 nF	10%, 63V, PETP		R....41	57.11.3102	1 kOhm	10k	
C.....22	59.06.0104	100 nF	10%, 63V, PETP		R....42	57.11.3221	220 Ohm	10k	
C.....23	59.06.0104	100 nF	10%, 63V, PETP		R....43	57.11.3102	1 kOhm	10k	
C.....24	00.00.0000	not used			R....44	57.11.3332	3.3 kOhm	10k	
C.....25	59.06.0223	22 nF	10%, 63V, PETP		R....45	57.11.3102	47 Ohm	10k	
C.....26	59.22.5101	100 uF	-20%, 25V, EL		R....46	57.11.3102	1 kOhm	10k	
C.....27	59.22.5101	100 uF	-20%, 25V, EL		R....47	57.11.3332	3.3 kOhm	10k	
C.....28	59.06.0104	100 nF	10%, 63V, PETP		R....48	57.11.3221	220 Ohm	10k	
D.....1	50.04.0521	MUR 410		MoT, Gi	R....49	57.11.3102	1 kOhm	10k	
D.....2	50.04.1216	Z 10 V	5%, 1.3W	ITT, Mot, Ph, Tf, SGS	R....50	57.11.3102	220 Ohm	10k	
D.....3	50.04.1216	Z 10 V	5%, 1.3W	ITT, Mot, Ph, Tf, SGS	R....51	57.11.3102	1 kOhm	10k	
D.....4	50.04.0521	MUR 410		MoT, Gi	R....52	57.11.3102	2.2 kOhm	10k	
D.....5	50.04.1216	Z 10 V	5%, 1.3W	ITT, Mot, Ph, Tf, SGS	R....53	57.11.3222	2.2 kOhm	10k	
D.....6	50.04.1216	Z 10 V	5%, 1.3W	ITT, Mot, Ph, Tf, SGS	R....54	57.11.3222	2.2 kOhm	10k	
D.....7	50.04.1116	Z 6.2 V	5%, 1.0W	ITT, Mot, Ph, Tf, SGS	R....55	57.11.3222	2.2 kOhm	10k	
D.....8	50.04.1106	Z 2.7 V	5%, .4W	ITT, Mot, Ph, Tf, SGS	R....56	57.11.3222	2.2 kOhm	10k	
D.....9	50.04.1106	Z 2.7 V	5%, .4W	ITT, Mot, Ph, Tf, SGS	R....57	57.11.3222	2.2 kOhm	10k	
D.....10	50.04.1106	Z 2.7 V	5%, .4W	ITT, Mot, Ph, Tf, SGS	R....58	57.11.3222	2.2 kOhm	10k	
D.....11	50.04.1106	Z 2.7 V	5%, .4W	ITT, Mot, Ph, Tf, SGS	RZ....1	57.88.4332	Network, 8 * 3.3 kOhm, 24, SIP 9		
I1....1	50.09.0101	TL 072 CP		MoT, Ti, NS	T.....1	1.022.247.00	Drive Transformer		St
I1....2	50.09.0101	TL 072 CP		MoT, Ti, NS	TP....1	54.02.0320	Connector 1 contact, 2.8*0.8, flat		
I1....3	50.05.0283	LM 393		NS, Sig, Ti, Tho	TP....2	54.02.0320	Connector 1 contact, 2.8*0.8, flat		
I1....4	50.04.0521	TL 072 CP		MoT, NS	TP....3	54.02.0320	Connector 1 contact, 2.8*0.8, flat		
I1....5	50.10.0106	TL 431CLP		MoT, NS	TP....4	54.02.0320	Connector 1 contact, 2.8*0.8, flat		
I1....6	1.820.99.26	Commutation logic device		St	TP....5	54.02.0320	Connector 1 contact, 2.8*0.8, flat		
L.....1	62.03.0010	48 uH	2 A, filter		W.....1	1.010.321.64	Wire bridge		
L.....2	1.022.251.00	203 uH	Filtercoil						
L.....3	62.99.0113	1.0 uH							
L.....4	62.99.0113	1.0 uH							
L.....5	62.02.3222	2.2 mH	10%, Rad, RM 5						
L.....6	62.02.3222	2.2 mH	10%, Rad, RM 5						
P.....1	54.02.0418	Connector	6 contacts, MOLEX, see note 2						
P.....2	54.14.2102	Connector	12 contacts, Latch, flat cable						
P.....3	54.02.0406	Connector	12 contacts, MOLEX, see note 1						
Q.....1	50.03.1502	IRF 522	MTP 8M10	IR, Mot					
Q.....2	50.03.1502	IRF 522	MTP 8M10	IR, Mot					
Q.....3	50.03.0340	BC 327-55		MoT, Ph, Sie					
Q.....4	50.03.0351	BC 327-55		IT, Ph, Sie					
Q.....5	50.03.1505	VN 0808 M	ZVN 0108 A	Fe, Six					
Q.....6	50.03.0351	BC 327-55		IT, Ph, Sie					
Q.....7	50.03.0351	BC 327-55		IT, Ph, Sie					
Q.....8	50.03.0351	BC 327-55		IT, Ph, Sie					
Q.....9	50.03.0351	BC 327-55		IT, Ph, Sie					
Q.....10	50.03.0340	BC 327-55		IT, Ph, Sie					
Q.....11	50.03.0351	BC 327-55		IT, Ph, Sie					
Q.....12	50.03.0340	BC 327-55		IT, Ph, Sie					
Q.....13	50.03.0749	BD 679	see note 3	Ph					
Q.....14	50.03.0749	BD 679	see note 3	Ph					
Q.....15	50.03.0749	BD 679	see note 3	Ph					
Q.....16	50.03.0749	BD 679	see note 3	Ph					
Q.....17	50.03.0749	BD 679	see note 3	Ph					
Q.....18	50.03.0749	BD 680	see note 3	Ph					
R.....1	57.56.5228	0.22 Ohm	10%, 4 W, WW						
R.....2	57.11.3100	10 kOhm	10%						
R.....3	57.11.3332	3.3 kOhm	10%						
R.....4	57.11.3103	10 Ohm	10%						
R.....5	57.11.3332	3.3 kOhm	10%						
R.....6	57.11.3103	10 kOhm	10%						
R.....7	57.11.3123	12 kOhm	1%						
R.....8	57.11.3123	12 kOhm	1%						
R.....9	57.11.3302	3 kOhm	1%						
R.....10	57.11.3302	3 kOhm	1%						
R.....11	57.11.3103	10 kOhm	10%						
R.....12	57.11.3103	10 kOhm	10%						
R.....13	57.11.3103	10 kOhm	10%						
R.....14	57.11.3332	10 kOhm	10%						
R.....15	57.11.3103	10 kOhm	10%						
R.....16	57.11.3103	10 kOhm	10%						
R.....17	57.11.3103	10 kOhm	10%						
R.....18	57.11.3103	100 kOhm	10%						
R.....19	57.11.3155	1.5 Mohm	10%						
R.....20	57.11.3101	100 kOhm	10%						
R.....21	57.11.3221	220 Ohm	10%						
R.....22	57.11.3101	100 Ohm	10%						

1.820.774.27 CAP. MOT. DRIVE AMP. BOARD ML 94/02/2400

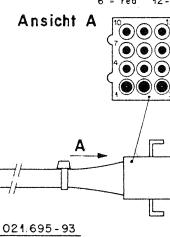
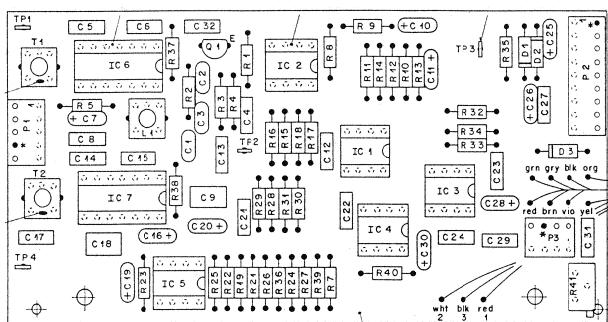
END

TACHO SENSOR ELECTRONICS PCB 1.021.695.86





TACHO SENSOR ELECTRONICS PCB 1.021.695.86



Änderung	(1)	(2)
10.7.96	R	P
30.9.93	44	14
Datum	Ges.	Ges.
Kopie für	Ges.	Indo

STUDER
REGENSCHAF
ZURICHTACHO SENSOR
EL. BOARD ESE

Nummer: 1.021.695.-86

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	C 1	59.34.4101	100p	CER 63V, 5%, N750	
0	C 2	59.34.5561	560p	CER 63V, 5%, N1500	
0	C 3	59.34.4151	150p	CER 63V, 5%, N750	
0	C 4	59.06.0102	1n0	PETP, 63V, 10%, RM5	
0	C 5	59.06.0223	22n	PETP, 63V, 10%, RM5	
0	C 6	59.06.0223	22n	PETP, 63V, 10%, RM5	
0	C 7	59.26.2100	10u	SAL 20%, 16V	
0	C 8	59.06.0473	47n	PETP, 63V, 10%, RM5	
0	C 9	59.06.0105	1u0	PETP, 50V, 10%, RM5	
0	C 10	59.26.9109	1u	SAL 20%, 40V	
0	C 11	59.26.2100	10u	SAL 20%, 16V	
0	C 12	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	C 13	59.06.0102	1n0	PETP, 63V, 10%, RM5	
0	C 14	59.06.0223	22n	PETP, 63V, 10%, RM5	
0	C 15	59.06.0223	22n	PETP, 63V, 10%, RM5	
0	C 16	59.26.2100	10u	SAL 20%, 16V	
0	C 17	59.06.0473	47n	PETP, 63V, 10%, RM5	
0	C 18	59.06.0105	1u0	PETP, 50V, 10%, RM5	
0	C 19	59.26.9109	1u	SAL 20%, 40V	
0	C 20	59.26.2100	10u	SAL 20%, 16V	
0	C 21	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	C 22	59.06.0222	2n2	PETP, 63V, 10%, RM5	
0	C 23	59.06.0222	2n2	PETP, 63V, 10%, RM5	
0	C 24	59.06.0222	2n2	PETP, 63V, 10%, RM5	
0	C 25	59.26.1220	22u	SAL 20%, 10V	
0	C 26	59.26.1220	22u	SAL 20%, 10V	
0	C 27	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	C 28	59.26.2100	10u	SAL 20%, 16V	
0	C 29	59.06.0683	68n	PETP, 63V, 10%, RM5	
0	C 30	59.26.1479	4u7	SAL 20%, 10V	
0	C 31	59.06.0104	100p	PETP, 63V, 10%, RM5	
0	C 32	59.06.0683	68n	PETP, 63V, 10%, RM5	

0	D 1	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0	D 2	50.04.0125	1N4448	75V, 150mA, 4ns, DO-35
0	D 3	50.04.0122	1N4001	1A, DO-41
0	IC 1	50.15.0114	9637	Dual diff Line Receiver
0	IC 2	50.09.0101	TLC72	IC TL 072 CN .A
0	IC 3	50.05.0283	LM993	Dual Comparator
0	IC 4	50.05.0283	LM993	Dual Comparator
0	IC 5	50.09.0101	TLC72	IC TL 072 CN .A
0	IC 6	50.11.0151	TBA120U	IC TBA 120 UV/5
0	IC 7	50.11.0151	TBA120U	IC TBA 120 UV/5

0	L 1	1.022.222.00	L16mH	HF-DROSSEL 16 MH
0	P 1	54.01.0288	5-P	J LEISTE 5 POL CIS AUFST.
0	P 2	54.01.0217	9-P	J LEISTE 9 POL CIS AUFST
0	P 3	54.01.0241	4-P	J LEISTE 4 POL CIS AUFST
0	Q 1	50.03.0514	BF366	BF 366 NPN
0	R 1	57.11.3103	10k	MF, 1%, 0207
0	R 2	57.11.3103	10k	MF, 1%, 0207
0	R 3	57.11.3102	1k0	MF, 1%, 0207
0	R 4	57.11.3121	120R	MF, 1%, 0207
0	R 5	57.11.3121	120R	MF, 1%, 0207
0	R 6	not used	not used	not used
0	R 7	57.11.3223	22k	MF, 1%, 0207
0	R 8	57.11.3183	18k	MF, 1%, 0207
0	R 9	57.11.3152	1k5	MF, 1%, 0207
0	R 10	57.11.3103	10k	MF, 1%, 0207
0	R 11	57.11.3103	10k	MF, 1%, 0207
0	R 12	57.11.3103	10k	MF, 1%, 0207
0	R 13	57.11.3103	10k	MF, 1%, 0207
0	R 14	57.11.3105	1M0	MF, 1%, 0207
0	R 15	57.11.3103	10k	MF, 1%, 0207
0	R 16	57.11.3562	5k6	MF, 1%, 0207
0	R 17	57.11.3103	10k	MF, 1%, 0207
0	R 18	57.11.3103	10k	MF, 1%, 0207
0	R 19	57.11.3121	120R	MF, 1%, 0207
0	R 20	not used	not used	not used
0	R 21	57.11.3223	22k	MF, 1%, 0207
0	R 22	57.11.3183	18k	MF, 1%, 0207
0	R 23	57.11.3152	1k5	MF, 1%, 0207
0	R 24	57.11.3103	10k	MF, 1%, 0207
0	R 25	57.11.3103	10k	MF, 1%, 0207
0	R 26	57.11.3103	10k	MF, 1%, 0207
0	R 27	57.11.3103	10k	MF, 1%, 0207
0	R 28	57.11.3103	10k	MF, 1%, 0207
0	R 29	57.11.3562	5k6	MF, 1%, 0207
0	R 30	57.11.3103	10k	MF, 1%, 0207

Idx.	Pos.	Part No.	Qty.	Type/Val.	Description
0	R 31	57.11.3103	10k	MF, 1%, 0207	
0	R 32	57.11.3472	4k7	MF, 1%, 0207	
0	R 33	57.11.3472	4k7	MF, 1%, 0207	
0	R 34	57.11.3472	4k7	MF, 1%, 0207	
0	R 35	57.11.3101	100R	MF, 1%, 0207	
0	R 36	57.11.3105	1M0	MF, 1%, 0207	
0	R 37	57.11.3681	680R	MF, 1%, 0207	
0	R 38	57.11.3681	680R	MF, 1%, 0207	
0	R 39	57.11.3822	8K2	MF, 1%, 0207	
0	R 40	57.11.3822	8K2	MF, 1%, 0207	
0	R 41	58.05.0501	500R	10%, 0.5W, Cermet	
1	T 1	1.022.230.82	Träfo	DISKRIMINATORTRÄFO	
1	T 2	1.022.230.82	Träfo	DISKRIMINATORTRÄFO	

End of List

Comments:

* Note 1: Pot. Bourns. Nr.: 3296 1-501

* Spectrol. Nr.: 64 Z 501 T 000

* Murata. Nr.: Pot 3105 Z-1-501

* Note 2: Plug: 5-Fin AMP, Nr.: -163.680-3

* Note 3: Plug: 9-Fin AMP, Nr.: -163.680-7

* Note 4: Plug: 3-Fin AMP, Nr.: -163.680-1

* CE=Ceramic, EL=Electrolytic, PETP=Polyester Film

* MANUFACTURER: Fc=Fairchild, Gi=General Instruments, ITT=Intermetall,

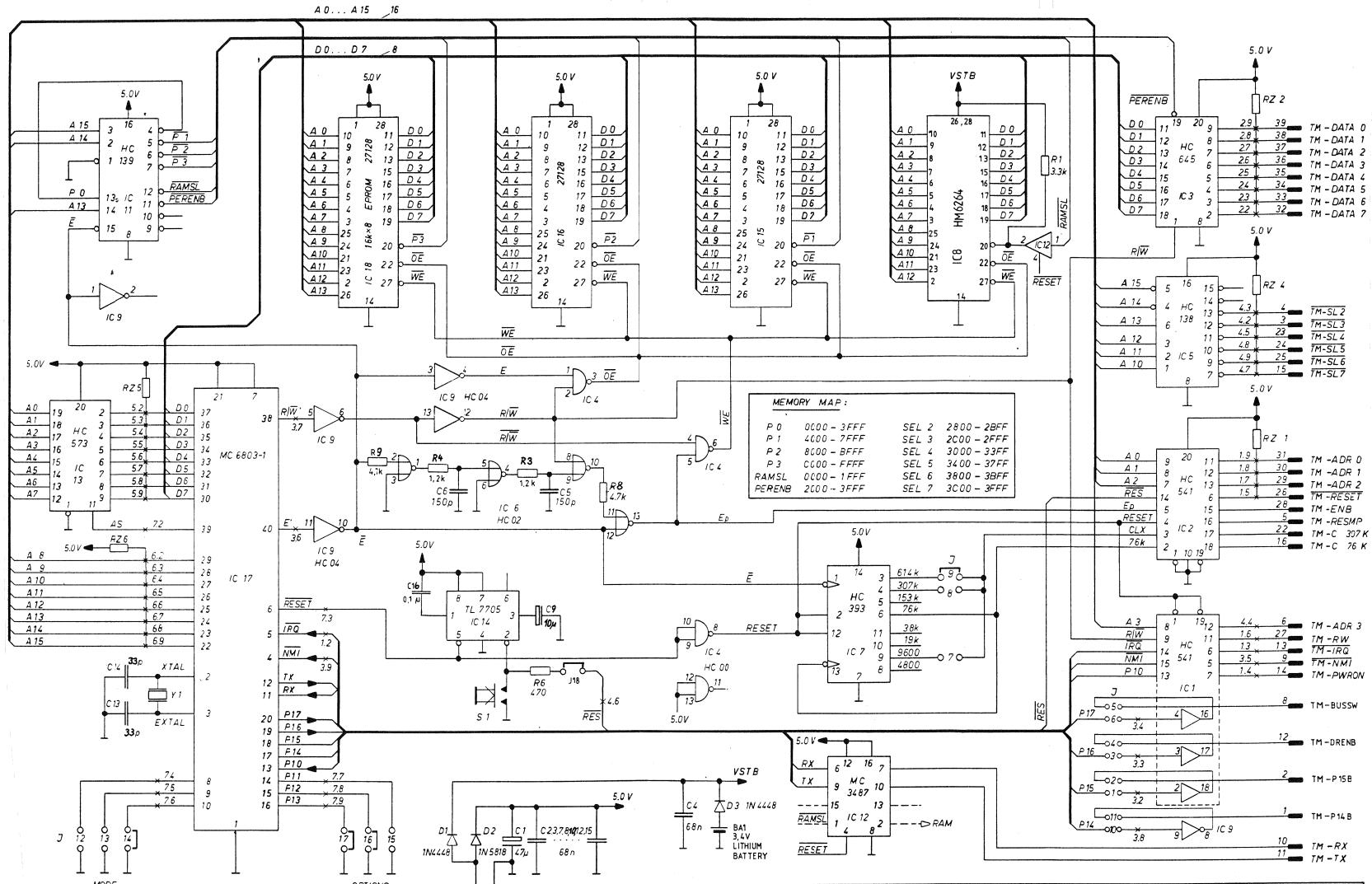
* Mot=Motorola, NS=National Semiconductors, Ph=Philips,

* Sie=Siemens, St=Studer, Ti=Texas Instruments

(o) T1+T2 -81 changed to -82



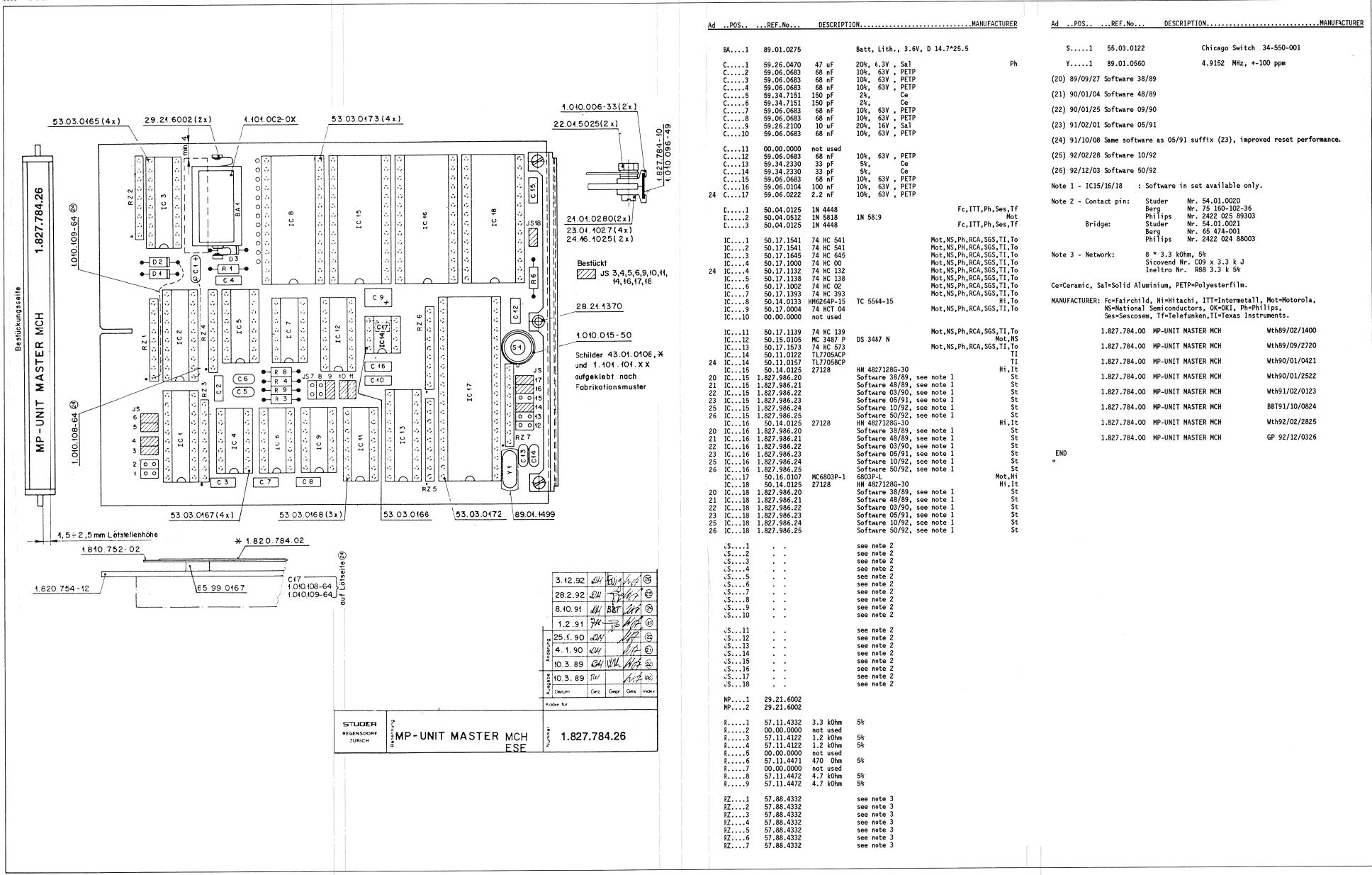
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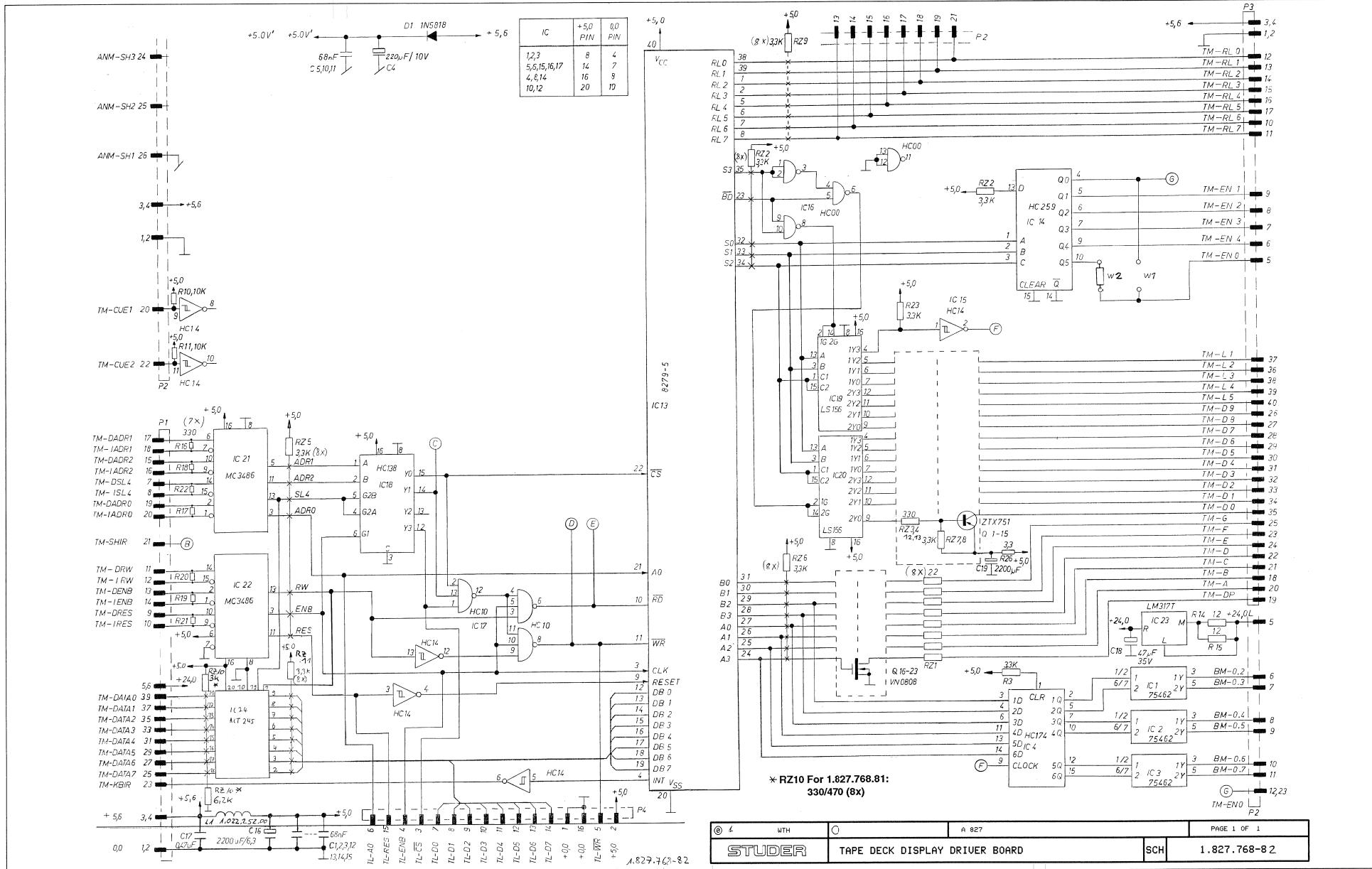
EDITION: JUNI 1995

STUDER A827 MCH

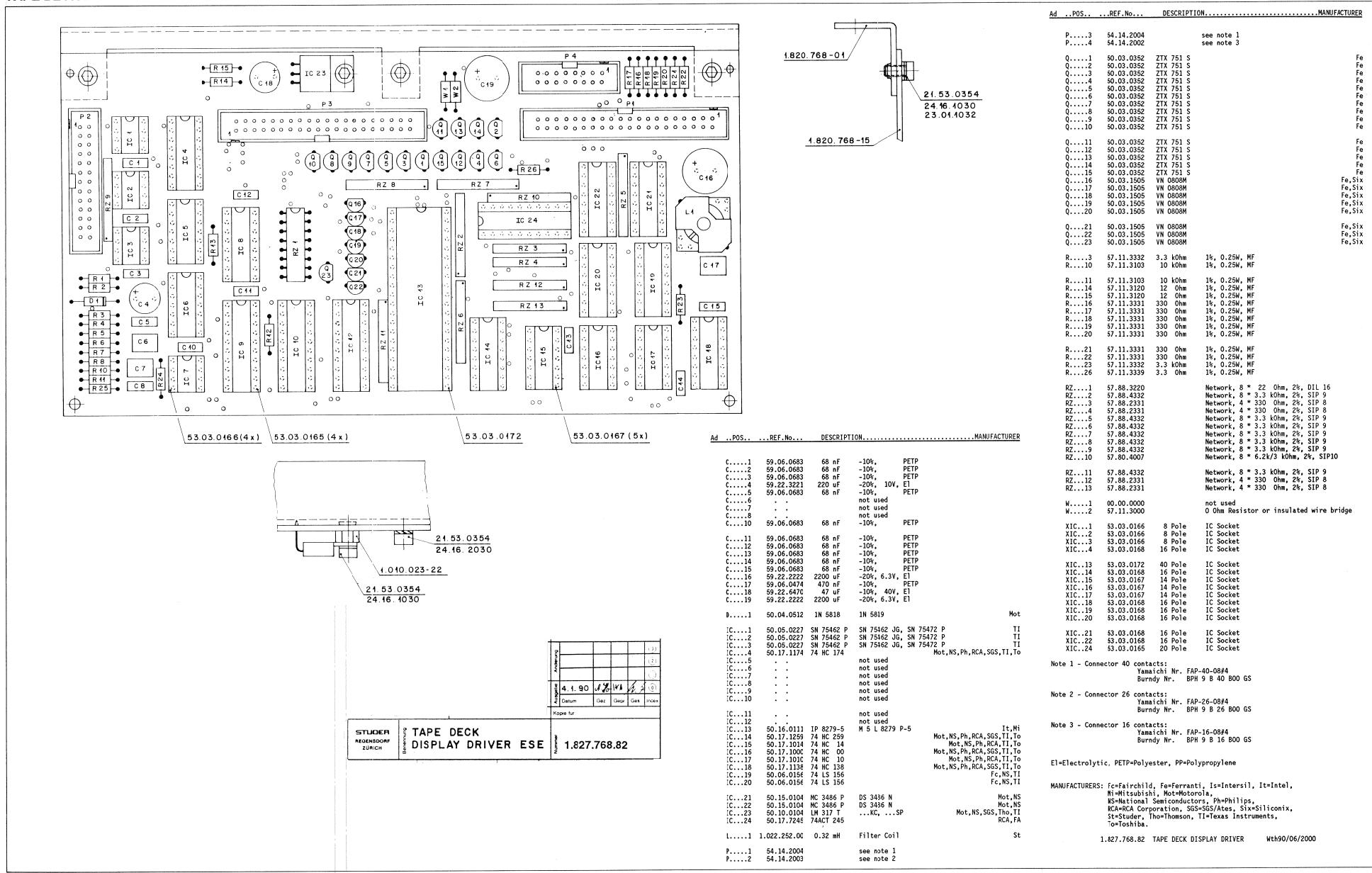
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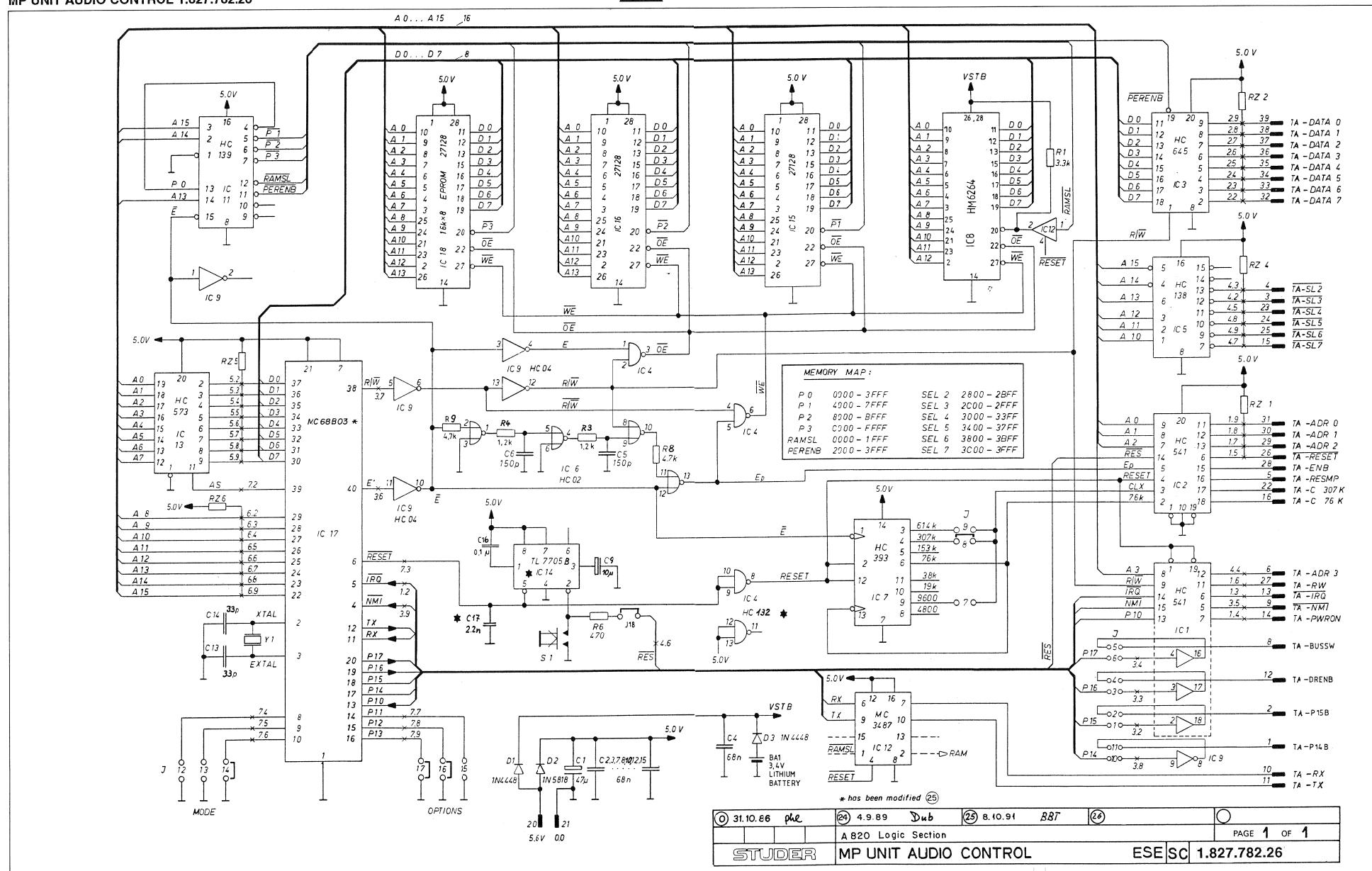
TAPE DECK DISPLAY DRIVER BOARD 1.827.768.82



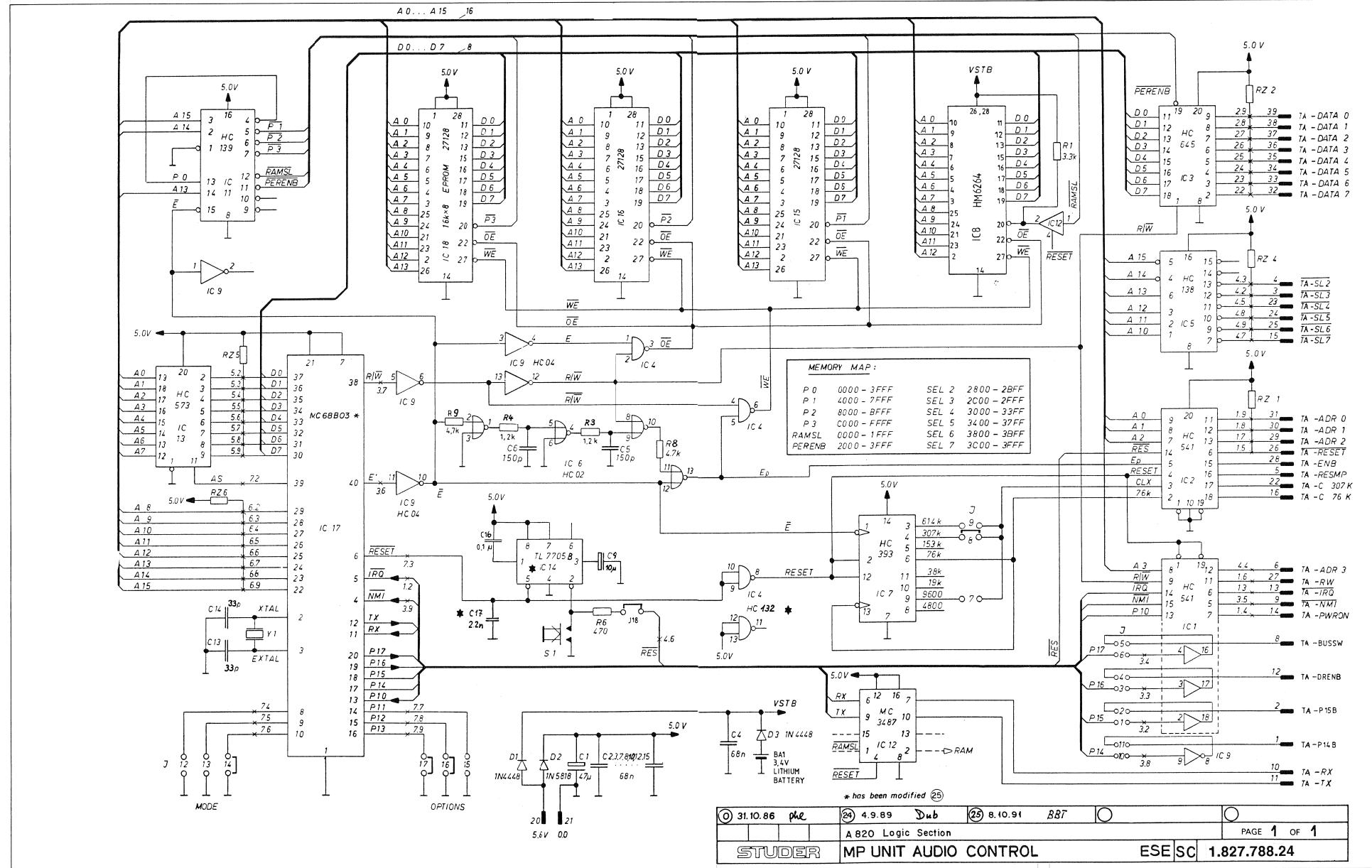
TAPE DECK DISPLAY DRIVER BOARD 1.827.768.82



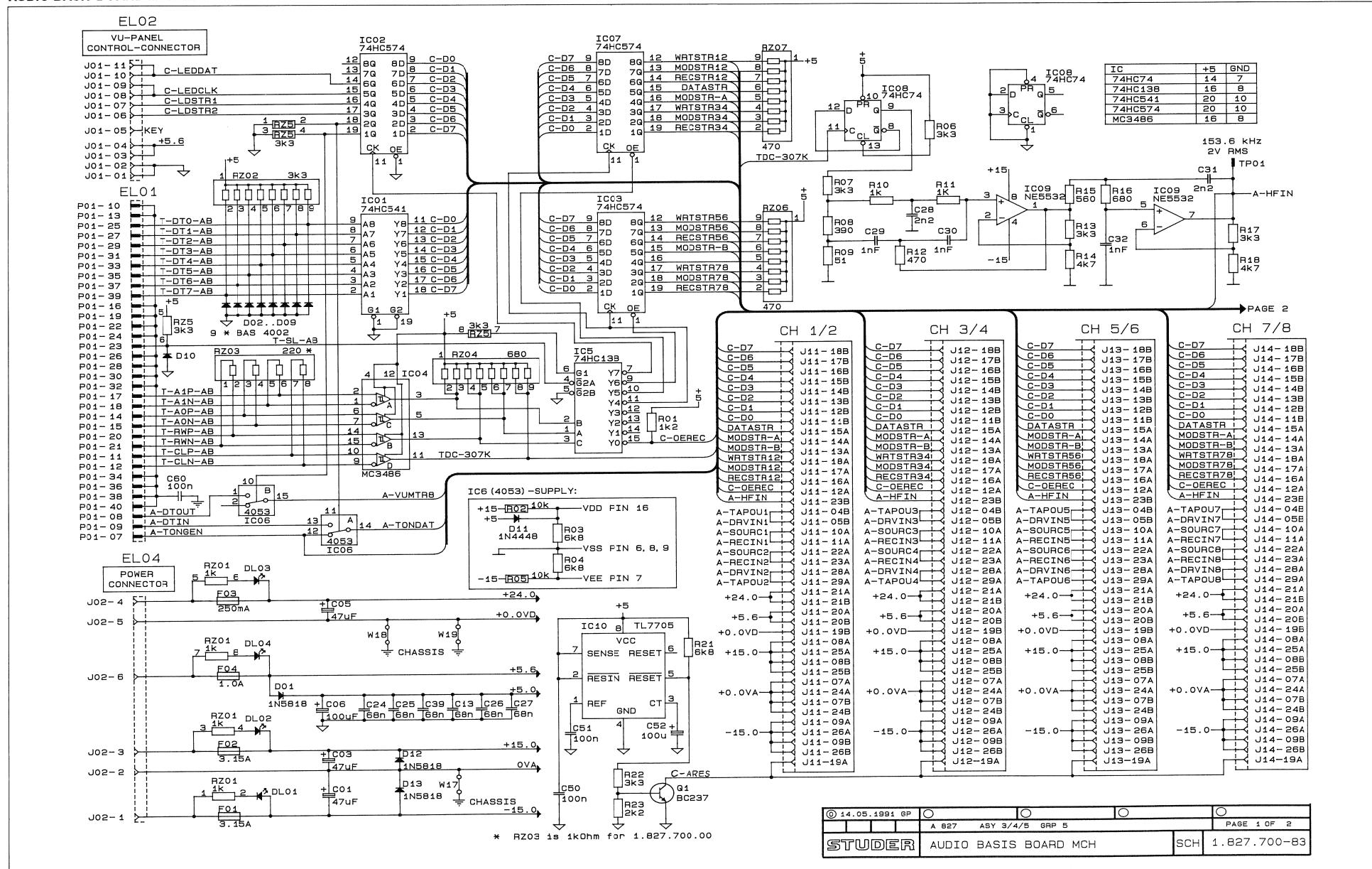
MP UNIT AUDIO CONTROL 1.827.782.26



MP UNIT AUDIO CONTROL 1.827.788.24



AUDIO BASIS BOARD MCH 1.827.700.83



AUDIO BASIS BOARD MCH 1.827.700.83

PAGE 1

LINE INPUT

CHANNEL 1

LINE OUTPUT

CHANNEL 2

CHANNEL 3

CHANNEL 4

EL 11

EL 13

EL 03

EL 05

EL 06

CHANNEL 5

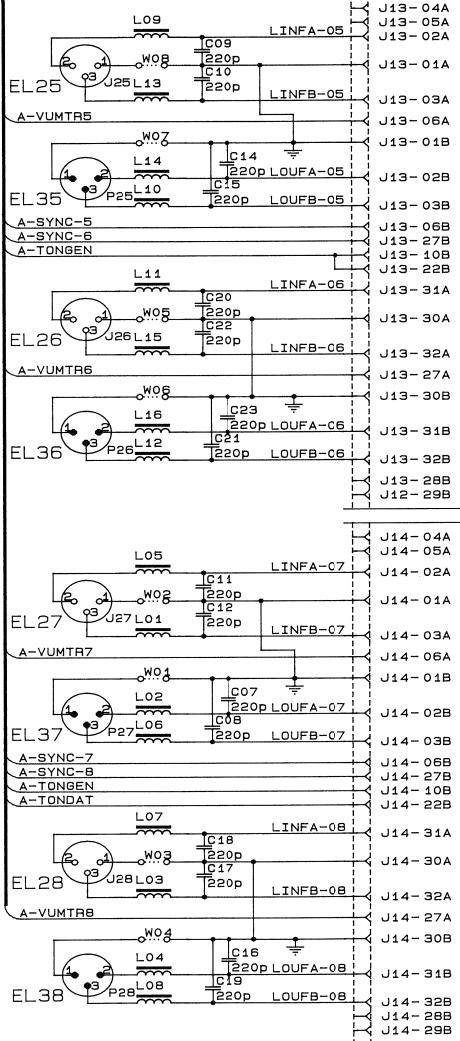
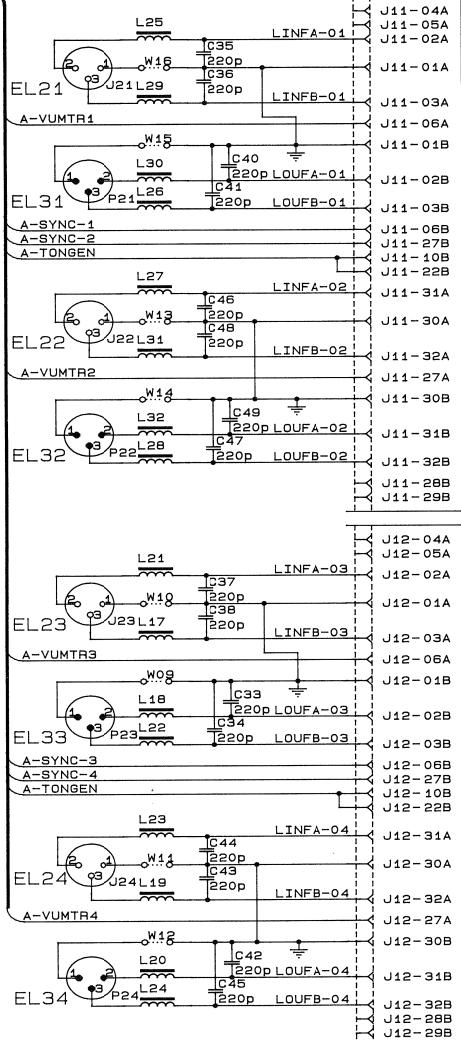
CHANNEL 6

EL 12

EL 14

CHANNEL 7

CHANNEL 8

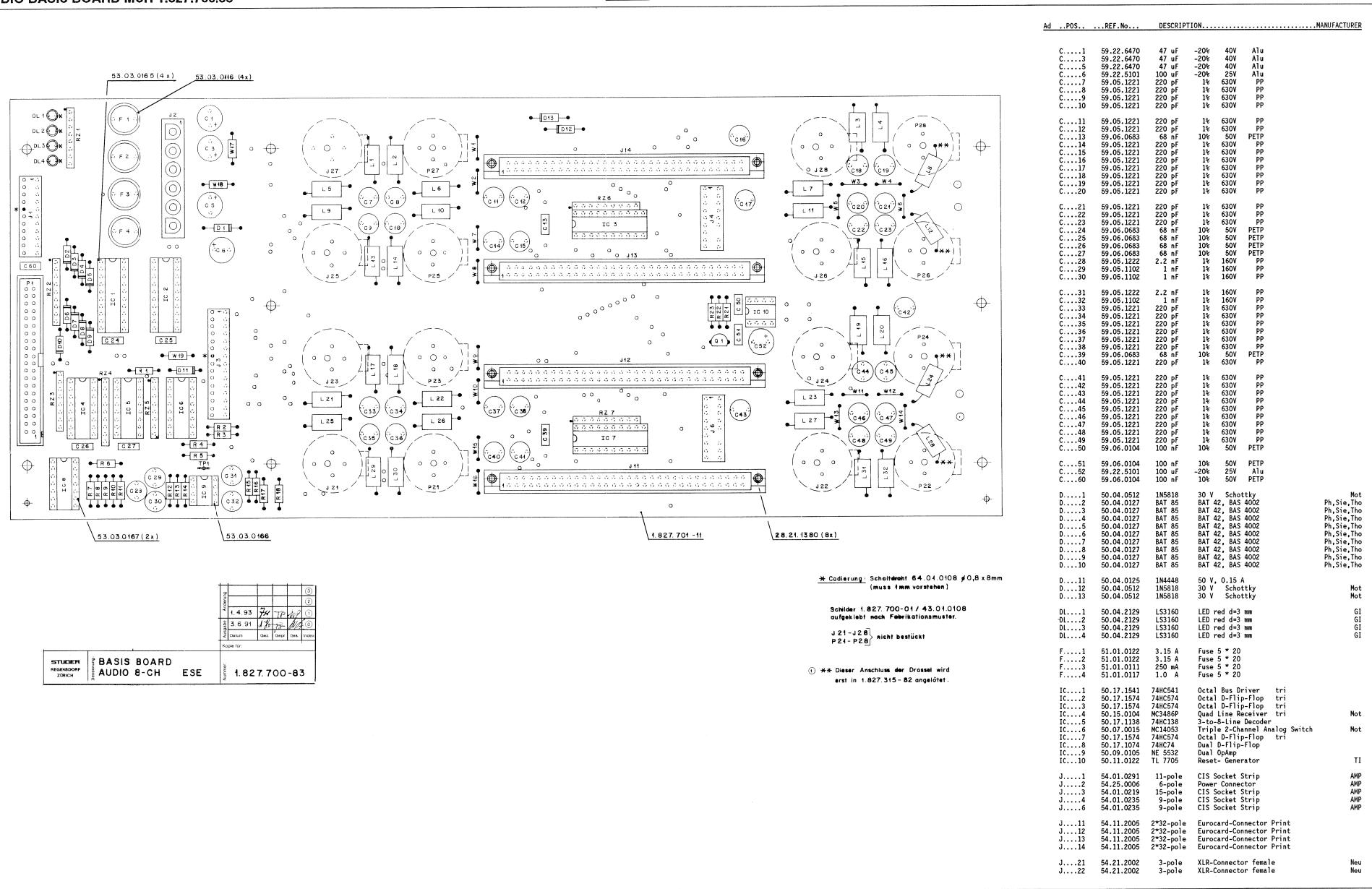


EL 03 VU-PANEL AUDIO CONNECTOR	
A-VUMTR1	J03-15
A-VUMTR2	J03-44
A-VUMTR3	J03-19
A-VUMTR4	J03-12
A-VUMTR5	J03-10
A-VUMTR6	J03-11
A-VUMTR7	J03-09
A-VUMTR8	J03-08
+15	J03-07
OVA	J03-05
-15	J03-02
J03-01	

EL 05 SYNC 1..4	
A-SYNC-1	J06-08
A-SYNC-2	J06-09
A-SYNC-3	J06-02
A-SYNC-4	J06-01
O-SYNC-1	J06-03
O-SYNC-2	J06-06
O-SYNC-3	J06-04
O-SYNC-4	J06-05
	J06-07

EL 06 SYNC 5..8	
A-SYNC-5	J04-08
A-SYNC-6	J04-09
A-SYNC-7	J04-02
A-SYNC-8	J04-01
O-SYNC-5	J04-03
O-SYNC-6	J04-04
O-SYNC-7	J04-07
O-SYNC-8	J04-06

AUDIO BASIS BOARD MCH 1.827.700.83

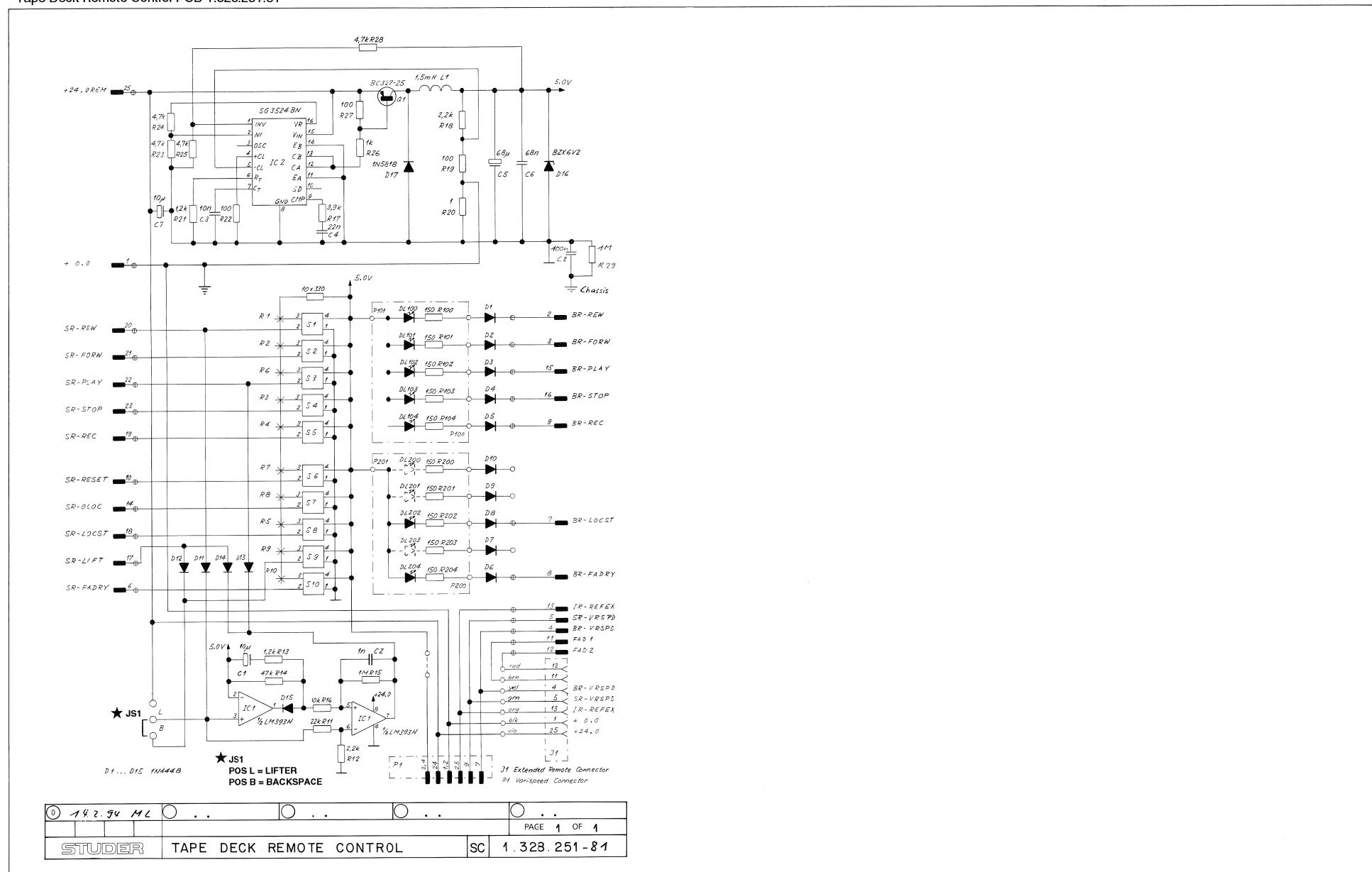




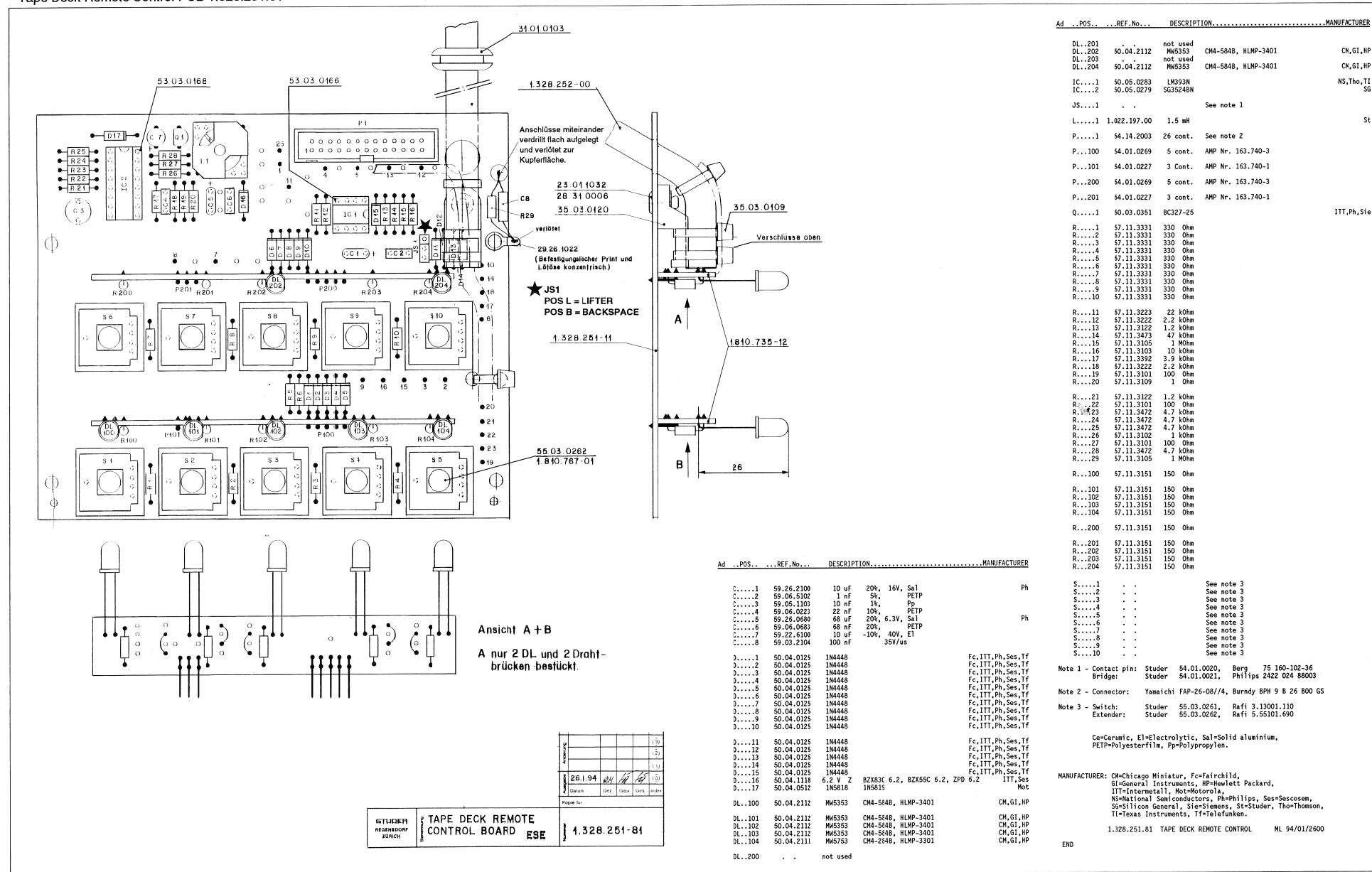
AUDIO BASIS BOARD MCH 1.827.700.83

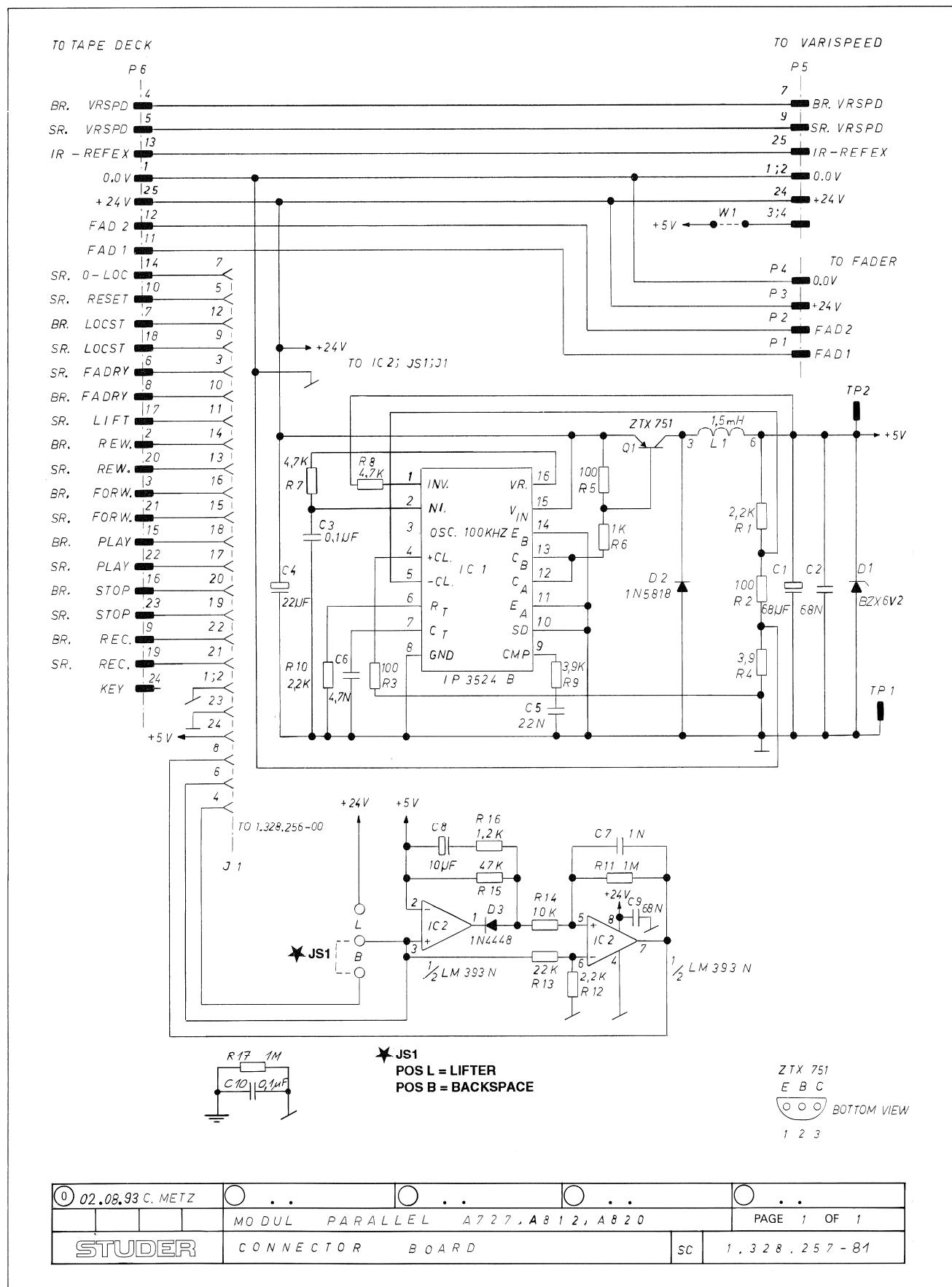
Ad ..	POS..	REF.Nr...	DESCRIPTION.....	MANUFACTURER	Ad ..	POS..	REF.Nr...	DESCRIPTION.....	MANUFACTURER
J....23	54.21.2002	3-pole	XLR-Connector female	Neu	W....11	64.01.0106	Wire Bridge		
J....24	54.21.2002	3-pole	XLR-Connector female	Neu	W....12	64.01.0106	Wire Bridge		
J....25	54.21.2002	3-pole	XLR-Connector female	Neu	W....13	64.01.0106	Wire Bridge		
J....26	54.21.2002	3-pole	XLR-Connector female	Neu	W....14	64.01.0106	Wire Bridge		
J....27	54.21.2002	3-pole	XLR-Connector female	Neu	W....15	64.01.0106	Wire Bridge		
J....28	54.21.2002	3-pole	XLR-Connector female	Neu	W....16	64.01.0106	Wire Bridge		
L....1	62.01.0115		Interference Coil	Ph	W....17	57.11.3000	Wire Bridge		
L....2	62.01.0115		Interference Coil	Ph	W....18	57.11.3000	Wire Bridge		
L....3	62.01.0115		Interference Coil	Ph	W....19	57.11.3000	Wire Bridge		
L....4	62.01.0115		Interference Coil	Ph	XF....1	53.03.0116	5*20 Fuse Holder 6.3 A max.		
L....5	62.01.0115		Interference Coil	Ph	XF....2	53.03.0116	5*20 Fuse Holder 6.3 A max.		
L....6	62.01.0115		Interference Coil	Ph	XF....3	53.03.0116	5*20 Fuse Holder 6.3 A max.		
L....7	62.01.0115		Interference Coil	Ph	XF....4	53.03.0116	5*20 Fuse Holder 6.3 A max.		
L....8	62.01.0115		Interference Coil	Ph	XIC....1	53.03.0165	20-pole IC-Socket		
L....9	62.01.0115		Interference Coil	Ph	XIC....2	53.03.0165	20-pole IC-Socket		
L....10	62.01.0115		Interference Coil	Ph	XIC....3	53.03.0168	16-pole IC-Socket		
L....11	62.01.0115		Interference Coil	Ph	XIC....4	53.03.0168	16-pole IC-Socket		
L....12	62.01.0115		Interference Coil	Ph	XIC....5	53.03.0168	16-pole IC-Socket		
L....13	62.01.0115		Interference Coil	Ph	XIC....6	53.03.0168	16-pole IC-Socket		
L....14	62.01.0115		Interference Coil	Ph	XIC....7	53.03.0165	20-pole IC-Socket		
L....15	62.01.0115		Interference Coil	Ph	XIC....8	53.03.0166	14-pole IC-Socket		
L....16	62.01.0115		Interference Coil	Ph	XIC....9	53.03.0166	8-pole IC-Socket		
L....17	62.01.0115		Interference Coil	Ph	XIC....10	53.03.0166	8-pole IC-Socket		
L....18	62.01.0115		Interference Coil	Ph					
L....19	62.01.0115		Interference Coil	Ph					
L....20	62.01.0115		Interference Coil	Ph					
L....21	62.01.0115		Interference Coil	Ph					
L....22	62.01.0115		Interference Coil	Ph					
L....23	62.01.0115		Interference Coil	Ph					
L....24	62.01.0115		Interference Coil	Ph					
L....25	62.01.0115		Interference Coil	Ph					
L....26	62.01.0115		Interference Coil	Ph					
L....27	62.01.0115		Interference Coil	Ph					
L....28	62.01.0115		Interference Coil	Ph					
L....29	62.01.0115		Interference Coil	Ph					
L....30	62.01.0115		Interference Coil	Ph					
L....31	62.01.0115		Interference Coil	Ph					
L....32	62.01.0115		Interference Coil	Ph					
MP....1	28.21.1380	8 pcs	Rivet D 2.5x 6.5						
MP....2	1.827.700.01	8 pce	EXPL. Drawing Label						
MP....3	1.827.700.01	1 pce	Nr. Label	ST					
MP....4	1.827.701.11	1 pce	AUDIO BASIS PCB 8-CH	ST					
P....1	54.14.2004	40-pole	Connector						
P....21	54.21.2001	1-pole	XLR-Connector male	Neu					
P....22	54.21.2001	1-pole	XLR-Connector male	Neu					
P....23	54.21.2001	1-pole	XLR-Connector male	Neu					
P....24	54.21.2001	1-pole	XLR-Connector male	Neu					
P....25	54.21.2001	1-pole	XLR-Connector male	Neu					
P....26	54.21.2001	1-pole	XLR-Connector male	Neu					
P....27	54.21.2001	1-pole	XLR-Connector male	Neu					
P....28	54.21.2001	1-pole	XLR-Connector male	Neu					
Q....1	50.03.0436	237 B	BC 547 B						
R....1	57.11.3102	1.2 Kohm	1% , 0.25W, MF						
R....2	57.11.3103	10 Kohm	1% , 0.25W, MF						
R....3	57.11.3682	6.8 Kohm	1% , 0.25W, MF						
R....4	57.11.3682	6.8 Kohm	1% , 0.25W, MF						
R....5	57.11.3102	10 Kohm	1% , 0.25W, MF						
R....6	57.11.3332	3.3 Kohm	1% , 0.25W, MF						
R....7	57.11.3332	3.3 Kohm	1% , 0.25W, MF						
R....8	57.11.3391	390 Ohm	1% , 0.25W, MF						
R....9	57.11.3510	51 Ohm	1% , 0.25W, MF						
R....10	57.11.3102	1 Kohm	1% , 0.25W, MF						
R....11	57.11.3102	1 Kohm	1% , 0.25W, MF						
R....12	57.11.3471	470 Ohm	1% , 0.25W, MF						
R....13	57.11.3332	3.3 Kohm	1% , 0.25W, MF						
R....14	57.11.3561	560 Ohm	1% , 0.25W, MF						
R....15	57.11.3561	560 Ohm	1% , 0.25W, MF						
R....16	57.11.3681	680 Ohm	1% , 0.25W, MF						
R....17	57.11.3332	3.3 Kohm	1% , 0.25W, MF						
R....18	57.11.3472	470 Ohm	1% , 0.25W, MF						
RZ....1	57.88.2102	4% , 0.04ohm	5%, Single Line						
RZ....2	57.88.4332	8*1.3kOhm	5%, Single Line						
RZ....3	57.88.2221	4**20 Ohm	5%, Single Line						
RZ....4	57.88.4681	8*480 Ohm	5%, Single Line						
RZ....5	57.88.4332	8*100 Ohm	5%, Single Line						
RZ....6	57.88.4471	8*470 Ohm	5%, Single Line						
RZ....7	57.88.4471	8*470 Ohm	5%, Single Line						
TP....1	54.02.0320	Connector flat 2.8*0.8 Print							
W....1	64.01.0106		Wire Bridge						
W....2	64.01.0106		Wire Bridge						
W....3	64.01.0106		Wire Bridge						
W....4	64.01.0106		Wire Bridge						
W....5	64.01.0106		Wire Bridge						
W....6	64.01.0106		Wire Bridge						
W....7	64.01.0106		Wire Bridge						
W....8	64.01.0106		Wire Bridge						
W....9	64.01.0106		Wire Bridge						
W....10	64.01.0106		Wire Bridge						

TAPE DECK REMOTE CONTROL CABINET (PARALLEL) 1.328.250.81
 - Tape Deck Remote Control PCB 1.328.251.81



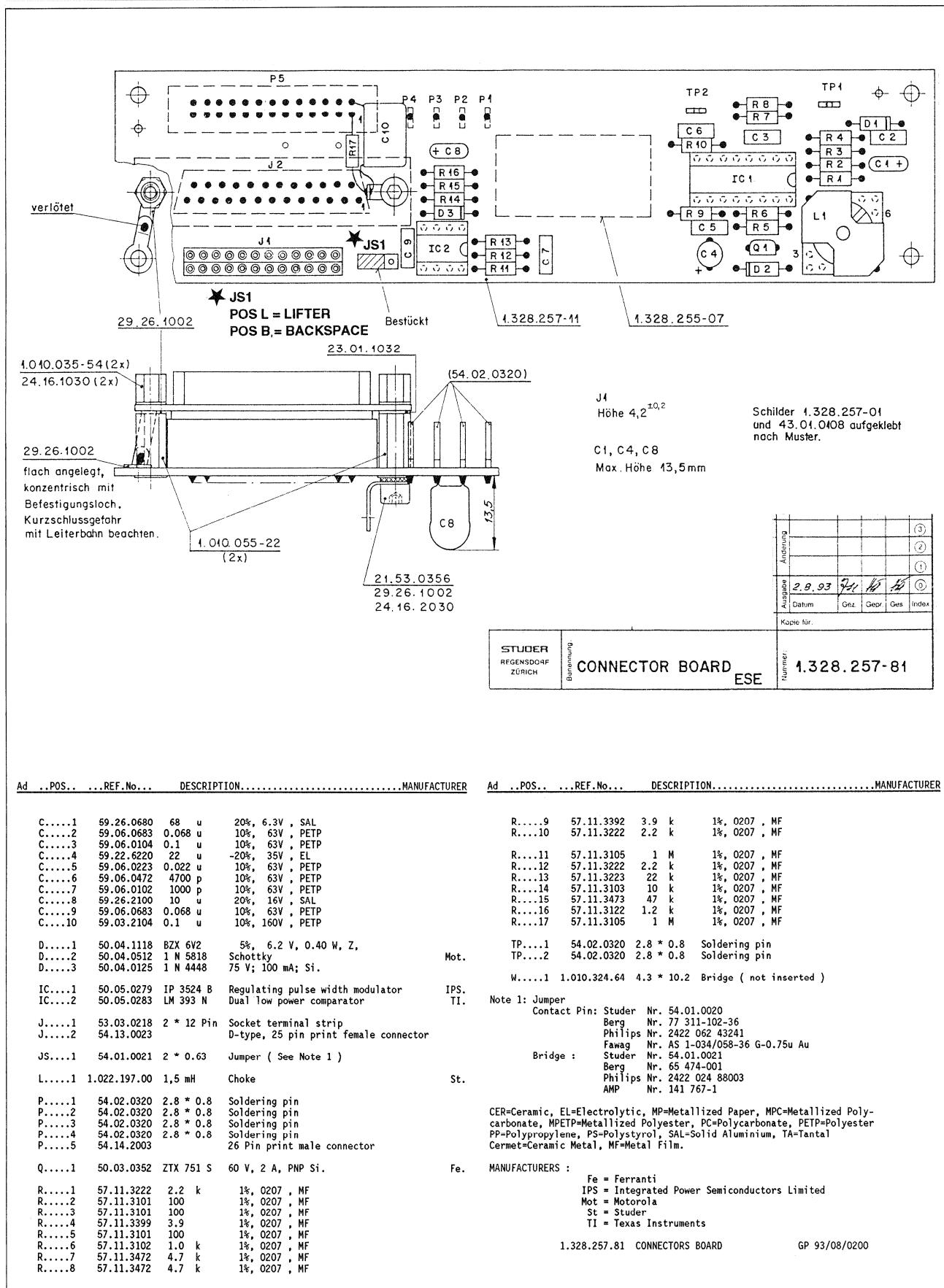
TAPE DECK REMOTE CONTROL CABINET (PARALLEL) 1.328.250.81
 - Tape Deck Remote Control PCB 1.328.251.81



TAPE DECK REMOTE CONTROL MODULE (PARALLEL) 1.328.255.81
- Connector Board 1.328.257.81


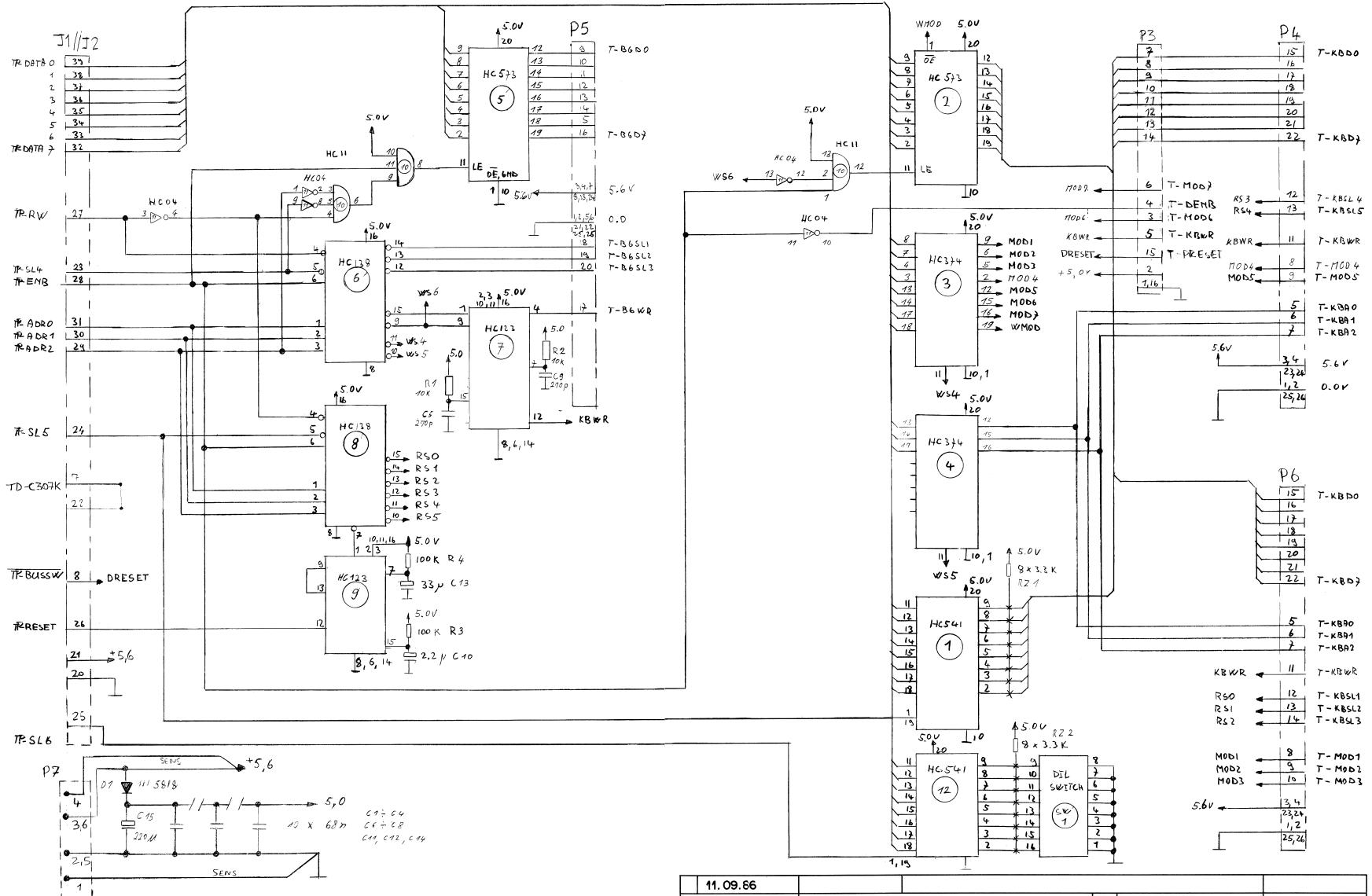
TAPE DECK REMOTE CONTROL MODULE (PARALLEL) 1.328.255.81

- Connector Board 1.328.257.81



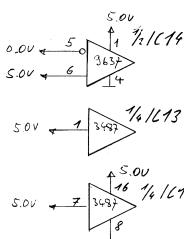
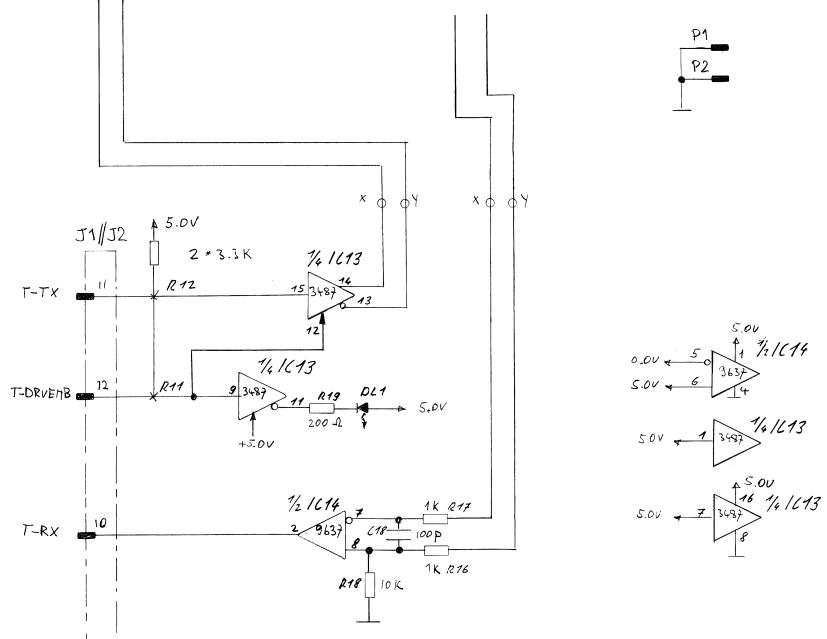
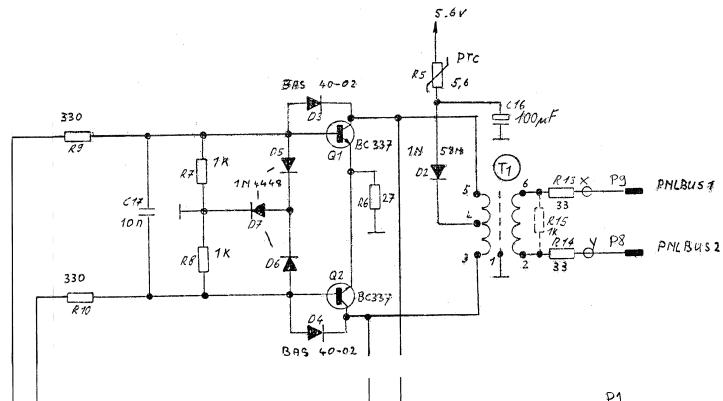
Ad	...POS...	...REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	...POS...	...REF.No...	DESCRIPTION.....	MANUFACTURER
C.....1	59.26.0680	68 u	20%, 6.3V , SAL		R.....9	57.11.3392	3.9 k	1%, 0207 , MF	
C.....2	59.06.0683	0.068 u	10%, 63V , PETP		R.....10	57.11.3222	2.2 k	1%, 0207 , MF	
C.....3	59.06.0104	0.1 u	10%, 63V , PETP		R.....11	57.11.3105	1 M	1%, 0207 , MF	
C.....4	59.22.6220	22 u	-20%, 35V , EL		R.....12	57.11.3222	2.2 k	1%, 0207 , MF	
C.....5	59.06.0223	0.022 u	10%, 63V , PETP		R.....13	57.11.3223	22 k	1%, 0207 , MF	
C.....6	59.06.0472	4700 p	10%, 63V , PETP		R.....14	57.11.3103	10 k	1%, 0207 , MF	
C.....7	59.06.0102	1000 p	10%, 63V , PETP		R.....15	57.11.3473	47 k	1%, 0207 , MF	
C.....8	69.26.2100	10 u	20%, 16V , SAL		R.....16	57.11.3122	1.2 k	1%, 0207 , MF	
C.....9	59.06.0683	0.068 u	10%, 63V , PETP		R.....17	57.11.3105	1 M	1%, 0207 , MF	
C.....10	59.03.2104	0.1 u	10%, 160V , PETP						
D.....1	50.04.1118	BZX 6V2	5%, 6.2 V, 0.40 W, Z,		TP....1	54.02.0320	2.8 * 0.8	Soldering pin	
D.....2	50.04.0512	1 N 5818	Schottky	Mot.	TP....2	54.02.0320	2.8 * 0.8	Soldering pin	
D.....3	50.04.0125	1 N 4448	75 V; 100 mA; Si.		W....1	1.010.324.64	4.3 * 10.2	Bridge (not inserted)	
IC....1	50.05.0279	IP 3524 B	Regulating pulse width modulator	IPS.	Note 1: Jumper				
IC....2	50.05.0283	LM 393 N	Dual low power comparator	TI.	Contact Pin: Studer Nr. 54.01.0020				
J....1	53.03.0218	2 * 12 Pin	Socket terminal strip		Berg Nr. 77 311-102-36				
J....2	54.13.0023	D-type, 25 pin	print female connector		Philips Nr. 2422 062 43241				
JS....1	54.01.0021	2 * 0.63	Jumper (See Note 1)		Fawag Nr. AS 1-034/058-36 G-0.75u Au				
L.....1	1.022.197.00	1,5 mH	Choke	St.	Bridge : Studer Nr. 54.01.0021				
P.....1	54.02.0320	2.8 * 0.8	Soldering pin		Berg Nr. 65 474-001				
P.....2	54.02.0320	2.8 * 0.8	Soldering pin		Philips Nr. 2422 024 88003				
P.....3	54.02.0320	2.8 * 0.8	Soldering pin		AMP Nr. 141 767-1				
P.....4	54.02.0320	2.8 * 0.8	Soldering pin						
P.....5	54.14.2003	26 Pin print male connector							
Q....1	50.03.0352	ZTX 751 S	60 V, 2 A, PNP Si.	Fe.	MANUFACTURERS :				
R....1	57.11.3222	2.2 k	1%, 0207 , MF		Fe = Ferranti				
R....2	57.11.3101	100	1%, 0207 , MF		IPS = Integrated Power Semiconductors Limited				
R....3	57.11.3101	100	1%, 0207 , MF		Mot = Motorola				
R....4	57.11.3399	3.9	1%, 0207 , MF		St = Studer				
R....5	57.11.3101	100	1%, 0207 , MF		TI = Texas Instruments				
R....6	57.11.3102	1.0 k	1%, 0207 , MF						
R....7	57.11.3472	4.7 k	1%, 0207 , MF						
R....8	57.11.3472	4.7 k	1%, 0207 , MF						

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
 -Basis Board VU Panel 1.820.705.00



11.09.66			
STUDER	BASIS BOARD VU PANEL	SC 1.820.705-00	PAGE 1 OF 2

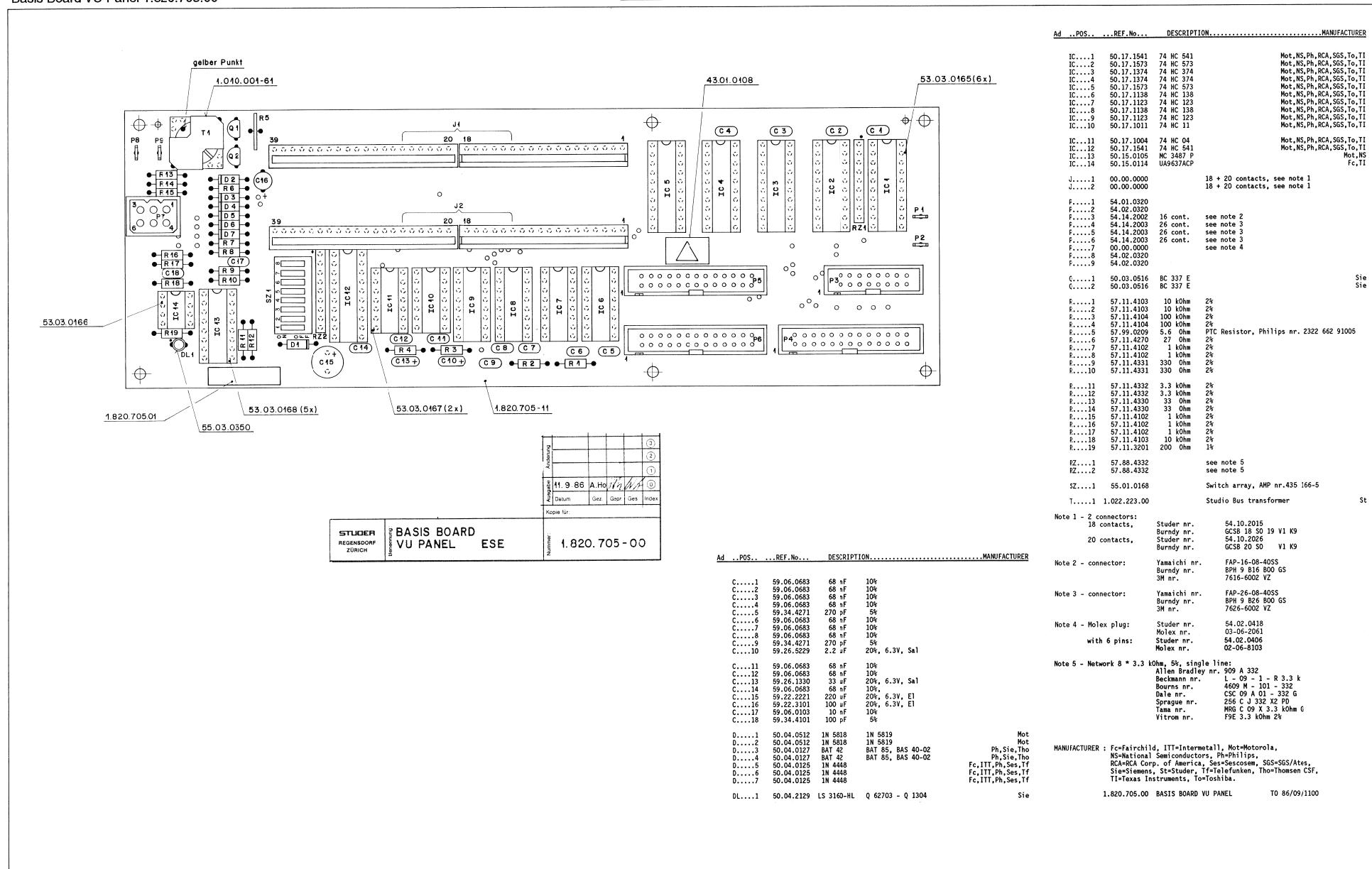
PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
-Basis Board VU Panel 1.820.705.00



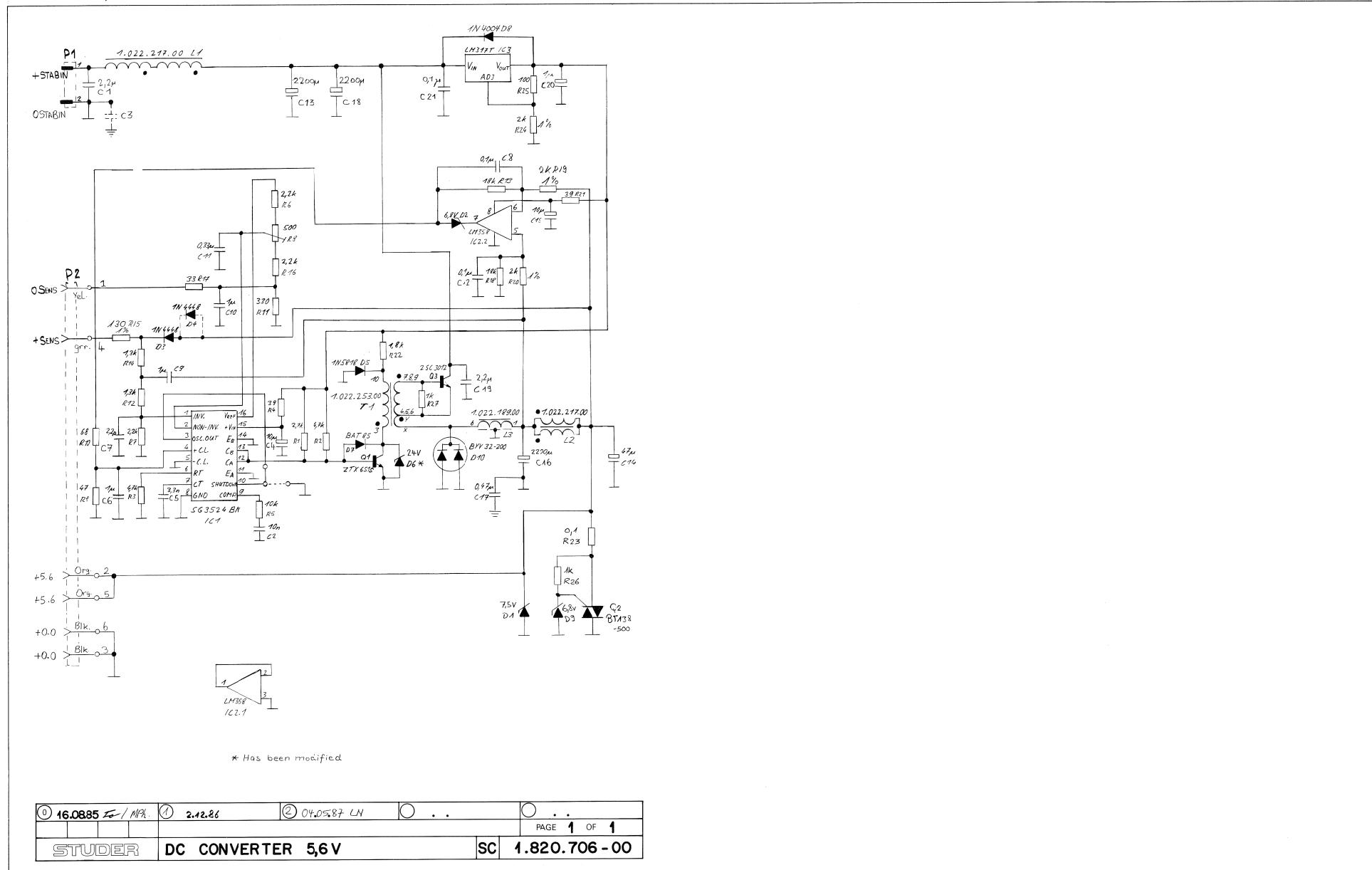
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STUDER	BASIS BOARD VU PANEL	SC 1.820.705-00	PAGE 2 OF 2

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

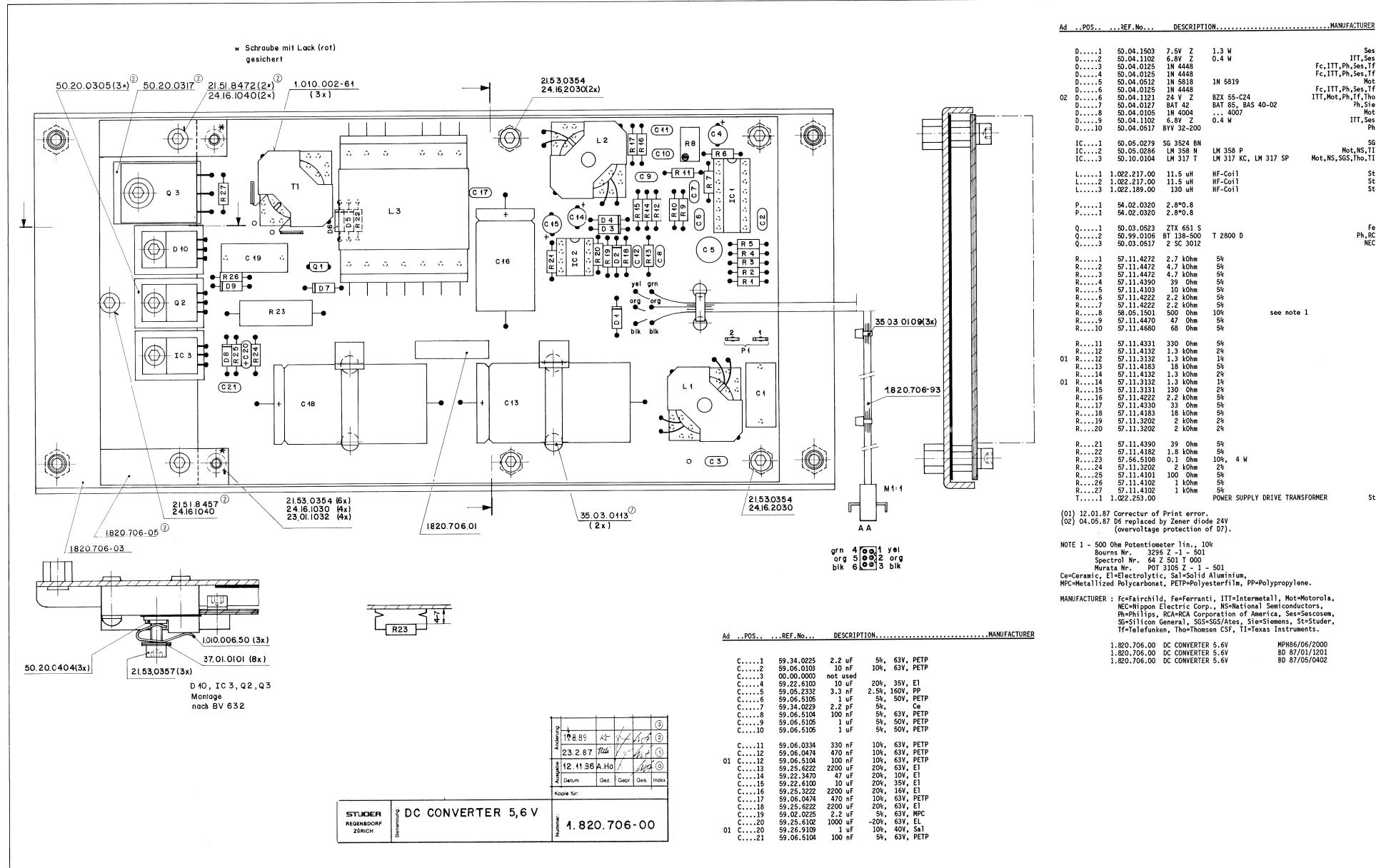
-Basis Board VU Panel 1.820.705.00



PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
 - DC Converter 5,6V 1.820.706.00

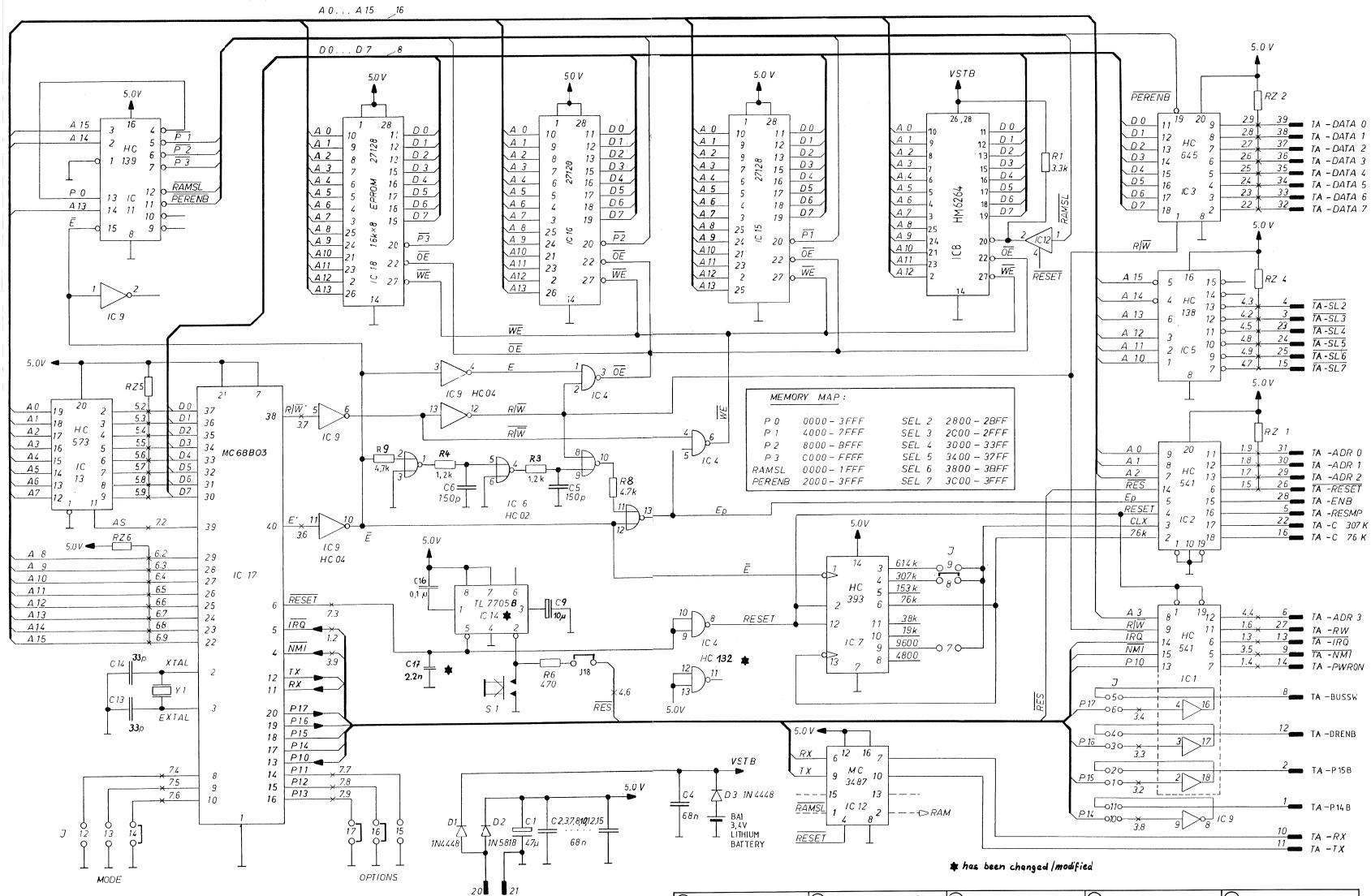


PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
 - DC Converter 5,6V 1.820.706.00

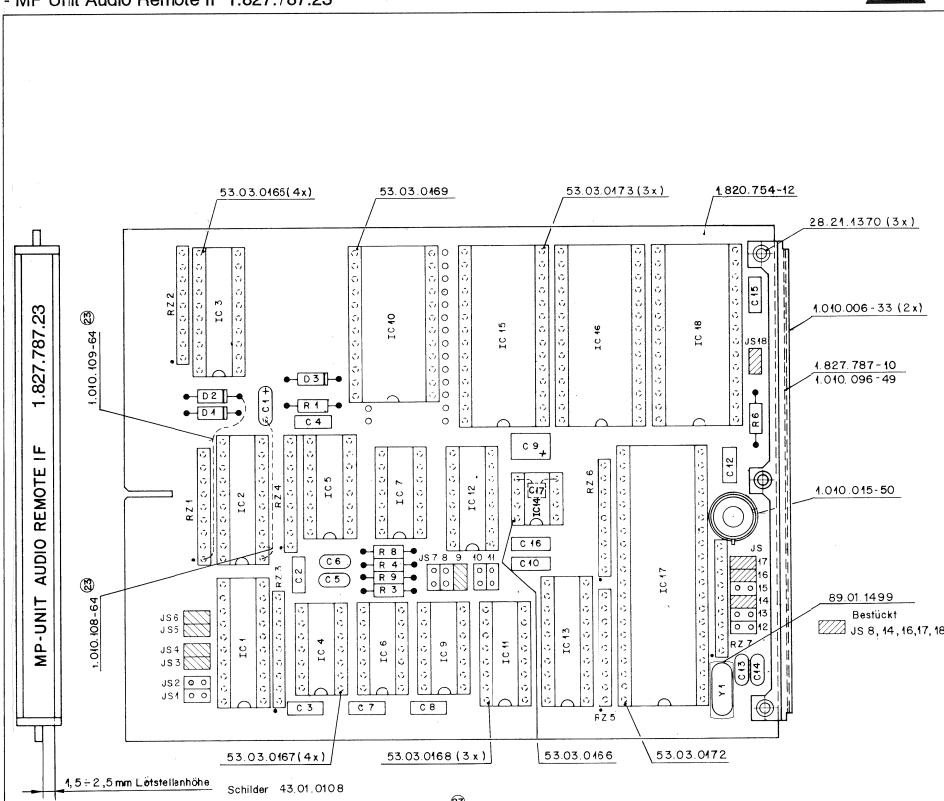


PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- MP Unit Audio Remote IF 1.827.787.23



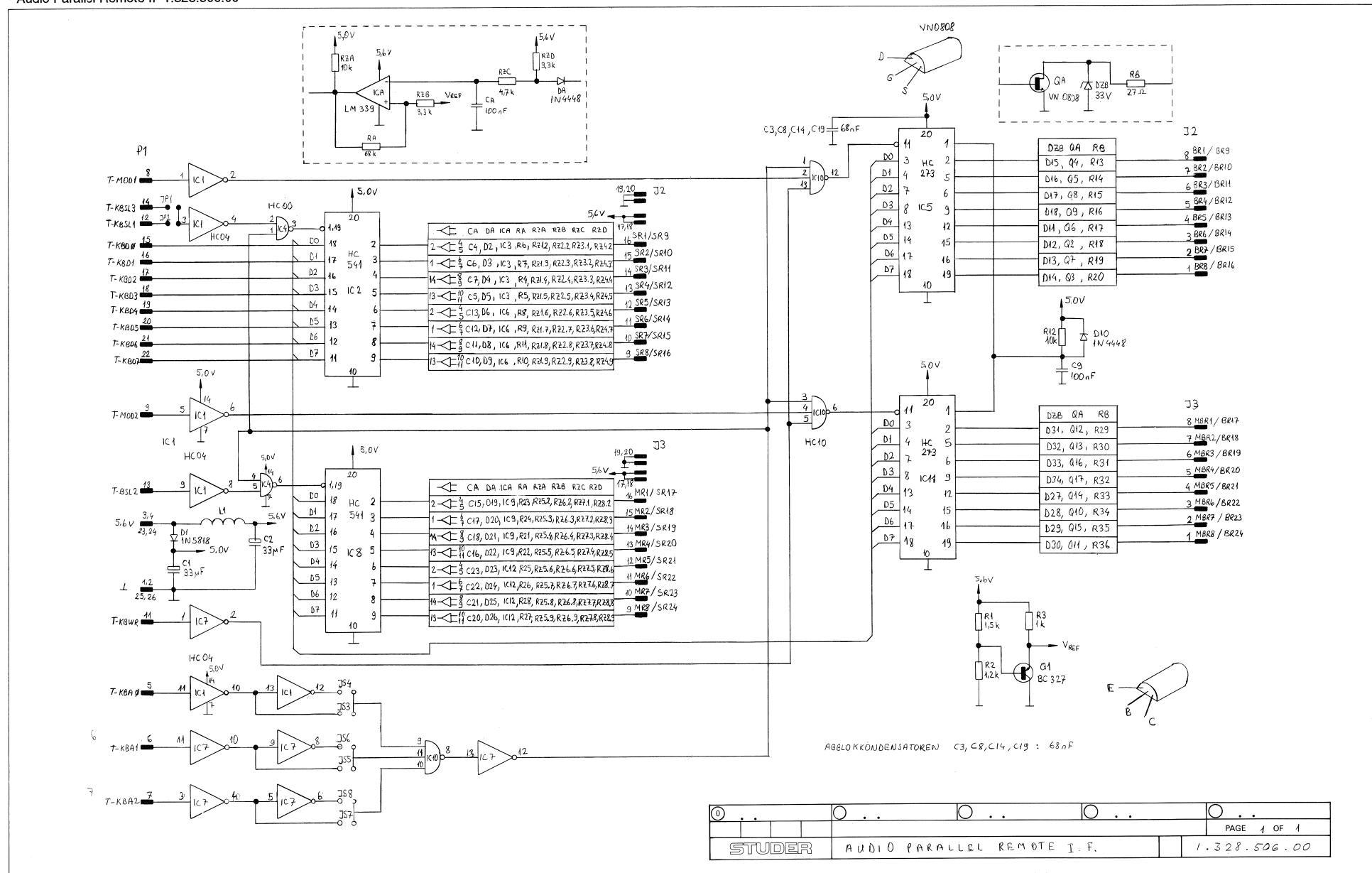
① 15.05.87 phe	② 15.05.87 phe	③ .	④ .
A 820 Logic Section			
STUDER	MP-UNIT AUDIO REMOTE IF	SC	1.827.787.23

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
- MP Unit Audio Remote IF 1.827.787.23

Ad	POS.	REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	POS.	REF.No...	DESCRIPTION.....	MANUFACTURER
	C.....1	59.26.0470	47 uF 20%, 6.3V	Sal		Ph			Ineltr Nr. R88 3.3 k 5%
	C.....2	59.06.0683	68 nF 10%, 63V	PETP					Ce=Ceramic, Sal=Solid Aluminium, PETP=Polyesterfilm.
	C.....3	59.06.0683	68 nF 10%, 63V	PETP					MANUFACTURER: F=Fairchild, Hi=Hitachi, ITT=Intertek, Mot=Motorola, NS=National Semiconductors, OK=OKI, Ph=Philips, Se=Secossem, Tf=Telefunken, TI=Texas Instruments.
	C.....4	59.06.0683	68 nF 10%, 63V	PETP					
	C.....5	59.34.7151	150 pF 2%, Ce						
	C.....6	59.34.7151	150 pF 2%, Ce						
	C.....7	59.06.0683	68 nF 10%, 63V	PETP					1.327.787.00 MP-UNIT AUDIO REMOTE IF Wth89/02/1400
	C.....8	59.06.0683	68 nF 10%, 63V	PETP					1.327.787.00 MP-UNIT AUDIO REMOTE IF Wth89/02/1420
	C.....9	59.26.2100	10 pF 20%, 16V	Sal					1.327.787.00 MP-UNIT AUDIO REMOTE IF Wth90/04/0121
	C.....10	59.06.0683	68 nF 10%, 63V	PETP					1.327.787.00 MP-UNIT AUDIO REMOTE IF Wth91/02/0122
	C.....11	00.00.0000	not used						1.327.787.00 MP-UNIT AUDIO REMOTE IF BBT91/10/0823
	C.....12	59.06.0683	68 nF 10%, 63V	PETP					
	C.....13	59.34.2338	33 pF 5%, Ce						
	C.....14	59.34.2338	33 pF 5%, Ce						
	C.....15	59.06.0683	68 nF 10%, 63V	PETP					
	C.....16	59.06.0683	68 nF 10%, 63V	PETP					
23	C.....17	59.06.0222	2.2 nF 10%, 63V	PETP					
	D.....1	50.04.0128	IN 4448	Fc, ITT, Ph, Ses, Tf					END
	D.....2	50.04.0512	IN 5818	IN 5819					
	D.....3	50.04.0125	IN 4448	Fc, ITT, Ph, Ses, Tf					
	I5.....1	50.17.1541	74 HC 541	Not, NS, Ph, RCA, SGS, TI, To					
	I5.....2	50.17.1541	74 HC 541	Not, NS, Ph, RCA, SGS, TI, To					
	I5.....3	50.17.1545	74 HC 545	Not, NS, Ph, RCA, SGS, TI, To					
	I5.....4	50.17.1000	74 HC 00	Not, NS, Ph, RCA, SGS, TI, To					
	I5.....5	50.17.1132	74 HC 132	Not, NS, Ph, RCA, SGS, TI, To					
	I5.....6	50.17.1138	74 HC 138	Not, NS, Ph, RCA, SGS, TI, To					
	I5.....7	50.17.1393	74 HC 393	Not, NS, Ph, RCA, SGS, TI, To					
	I5.....8	00.00.0000	not used						
	I5.....9	50.17.0000	74 HCT 04	Not, NS, Ph, RCA, SGS, TI, To					
	I5.....10	50.14.0107	HM6116LP-4	HSM 5128-15	Hi, OKI				
	I6.....11	50.17.1139	74 HC 139	Not, NS, Ph, RCA, SGS, TI, To					
	I6.....12	50.15.0105	MC 3487 P	DS 3487 N	Not, NS				
	I6.....13	50.17.1572	74 HC 573	Not, NS, Ph, RCA, SGS, TI, To					
	I6.....14	50.17.1573	TL7705BCP	TL7705BCP	TI				
23	I6.....15	50.11.0157	TL7705BCP	TL7705BCP	TI				
	I6.....16	00.00.0000	not used						
	I6.....17	00.00.0000	not used						
	I6.....18	50.14.0125	HM6803P-1	HM6803P-1	Not, HI				
	I6.....19	1.827.984.20	HN 48271286-30	Software 32/89	Hi, It				
20	I6.....20	1.827.984.21	HN 48271286-30	Software 48/89					
21	I6.....21	1.827.984.22	HN 48271286-30	Software 48/89					
22	I6.....22	1.827.984.22	HN 48271286-30	Software 05/91					
	J5.....1	00.00.0000	see note 1						
	J5.....2	.	see note 1						
	J5.....3	.	see note 1						
	J5.....4	.	see note 1						
	J5.....5	.	see note 1						
	J5.....6	.	see note 1						
	J5.....7	.	see note 1						
	J5.....8	.	see note 1						
	J5.....9	.	see note 1						
	J5.....10	.	see note 1						
	J5.....11	.	see note 1						
	J5.....12	.	see note 1						
	J5.....13	.	see note 1						
	J5.....14	.	see note 1						
	J5.....15	.	see note 1						
	J5.....16	.	see note 1						
	J5.....17	.	see note 1						
	J5.....18	.	see note 1						
	R1.....1	57.11.3332	3.3 kOhm	5%					
	R1.....2	00.00.0000	not used						
	R1.....3	57.11.3122	1.2 kOhm	5%					
	R1.....4	57.11.3122	1.2 kOhm	5%					
	R1.....5	00.00.0000	not used						
	R1.....6	57.11.3122	1.2 kOhm	5%					
	R1.....7	57.11.3472	4.7 kOhm	5%					
	R1.....8	57.11.3472	4.7 kOhm	5%					
	R2.....1	57.88.4332	see note 2						
	R2.....2	57.88.4332	see note 2						
	R2.....3	57.88.4332	see note 2						
	R2.....4	57.88.4332	see note 2						
	R2.....5	57.88.4332	see note 2						
	R2.....6	57.88.4332	see note 2						
	R2.....7	57.88.4332	see note 2						
	S1.....1	55.03.0122	Chicago Switch	34-550-001					
	Y1.....1	89.01.0560	4.9152 MHz, +/-100 ppm						
(20)	89/08/09	Software 32/89							
(21)	90/01/04	Software 48/89							
(22)	91/02/01	Software 05/91							
(23)	91/10/08	Same software as 05/91 suffix (22), improved reset performance.							
Note 1 - Contact pin:	Studer	Nr. 54.01.0020							
	Berg	Nr. 75.160-102-36							
	Philips	Nr. 2422 025 89303							
Bridge:	Studer	Nr. 54.01.0021							
	Berg	Nr. 65.474-001							
	Philips	Nr. 2422 024 88003							
Note 2 - Network:	8 * 3.3 kOhm, 5%								
	Siemens Nr. C09 x 3.3 k J								

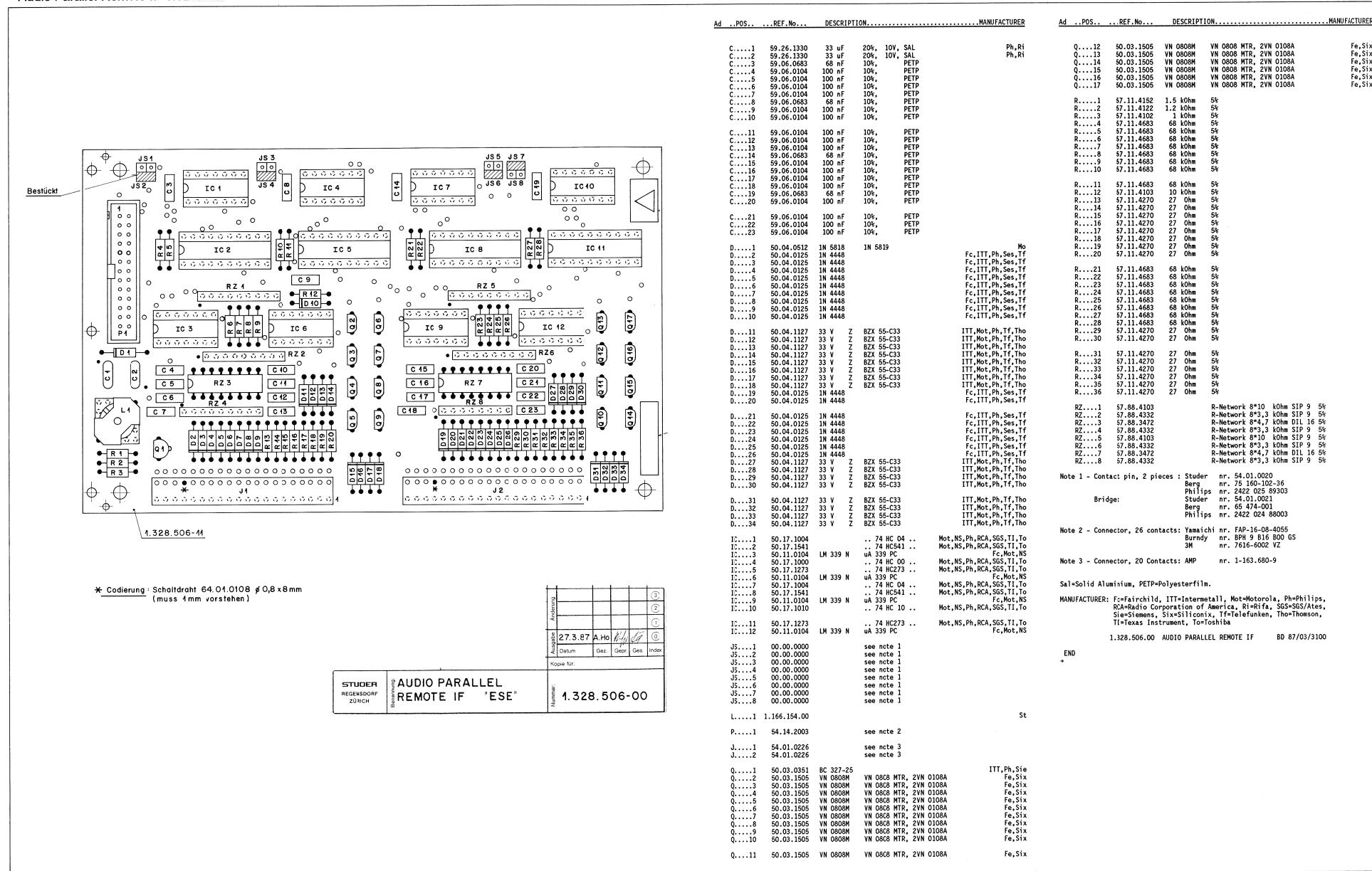
PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- Audio Parallel Remote IF 1.328.506.00



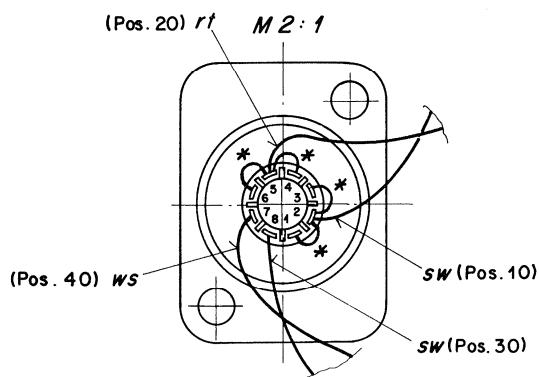
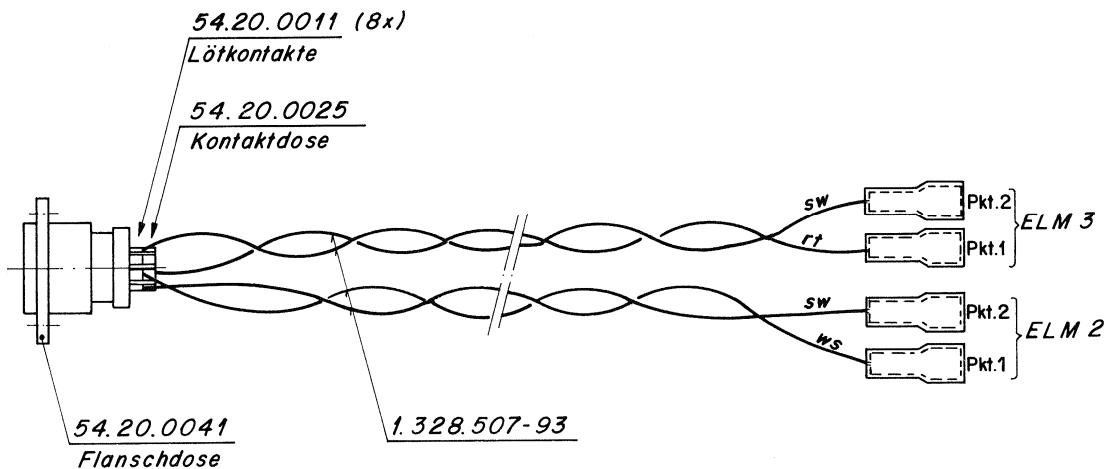
PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- Audio Parallel Remote IF 1.328.506.00



PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- Connector Pre-Wired 1.328.507.00



Änderung				(3)
				(2)
				(1)
Ausgabe				(0)
5.3.87 A.HÖWEL				
Urtum	Gez.	Gepr.	Ges.	Index
Kopie für:				

STUDER
REGENSDORF
ZÜRICH

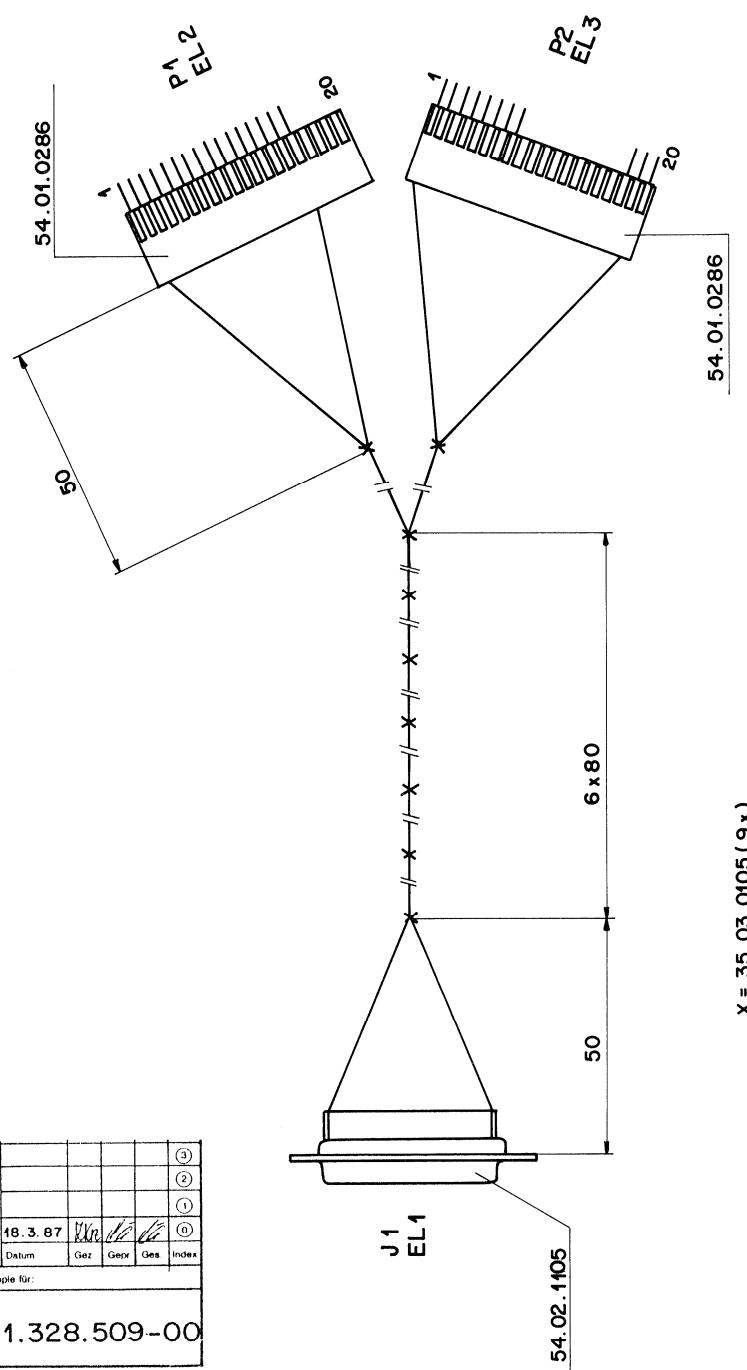
Bemerkung:

Connector pre-wired

Nummer: 1.328.507.00

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- KB Audio Remote Par. 8CH 1.328.509.00



STUDER REGENSDORF ZÜRICH	Bennung: KB Audio Remote Par. 8CH	Nummer: 1.328.509-00
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Anordnung		(3)	(2)	(1)	(0)
18.3.87					
<input checked="" type="checkbox"/> Datum	Gez	Gez	Gez	Index	
Kopie für:					

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- KB Audio Remote Par. 8CH + M 1.328.508.00

