

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

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- KB Audio Remote Par. 8CH+M	1.328.508.00
- KB Audio Remote Par. 8CH	1.328.509.00

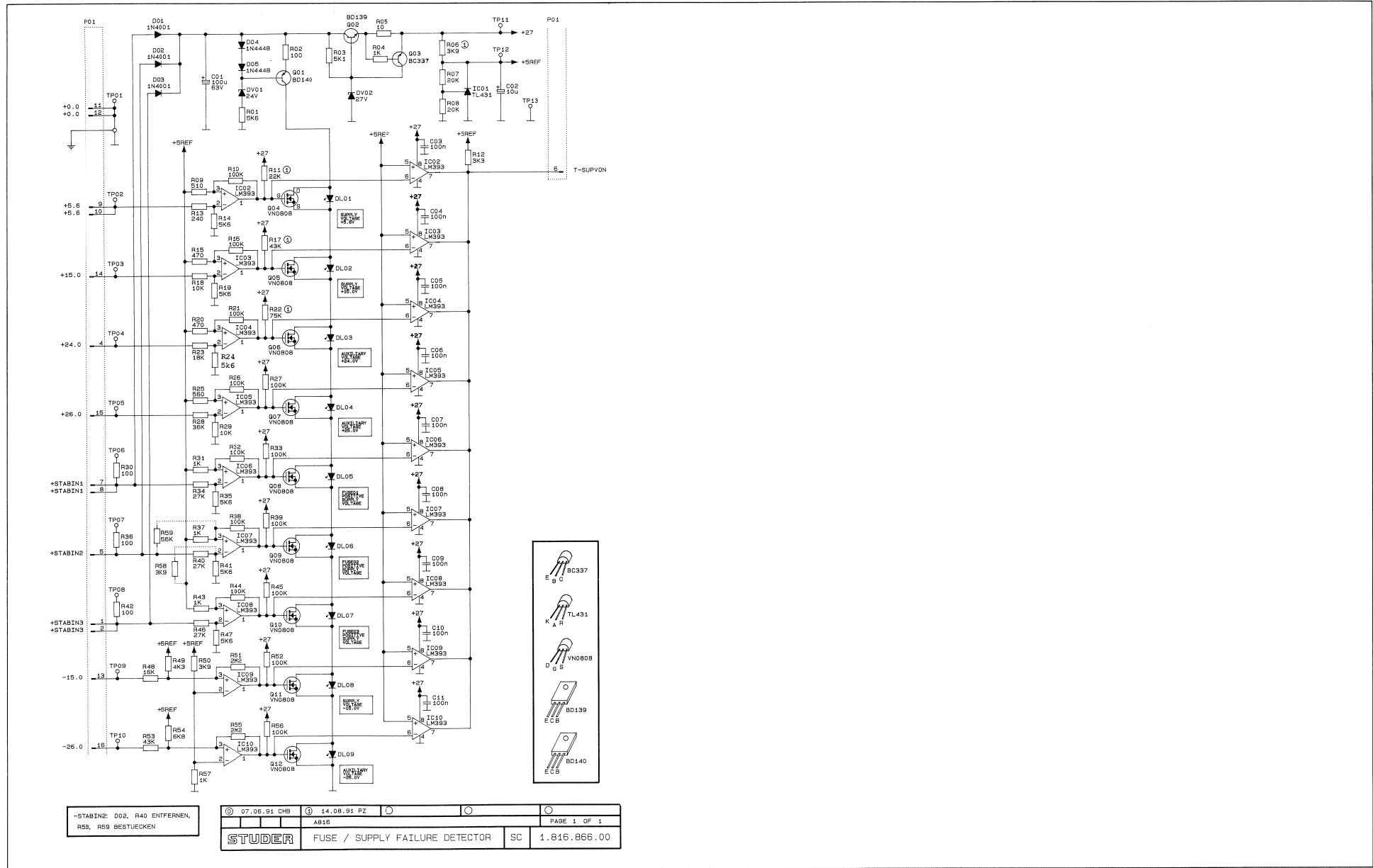
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FUSE / SUPPLY FAILURE DETECTOR 1.816.866.00

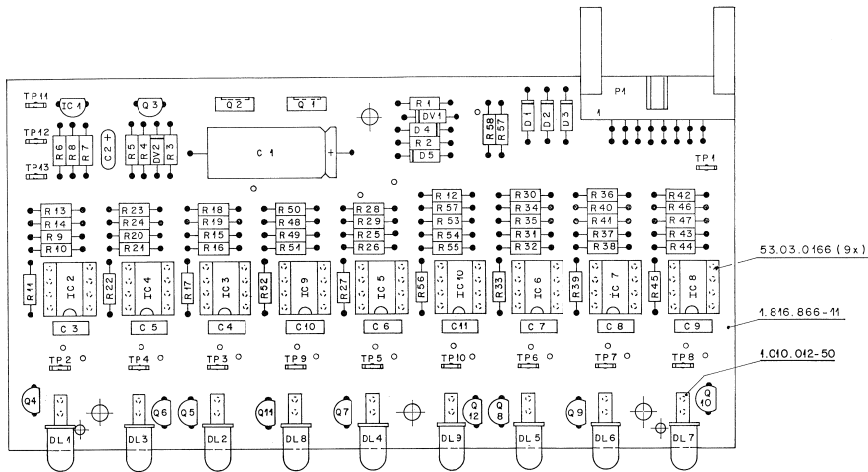


-STAB1N2: D02, R40 ENTFERNEN,
R53, R59 BESTUECKEN

07.06.91 CHB	14.08.91 PZ			
A816				
STUDER	FUSE / SUPPLY FAILURE DETECTOR	SC	1.816.866.00	

- BC337
- TL431
- VN0808
- BD139
- BD140

FUSE / SUPPLY FAILURE DETECTOR 1.816.866.00



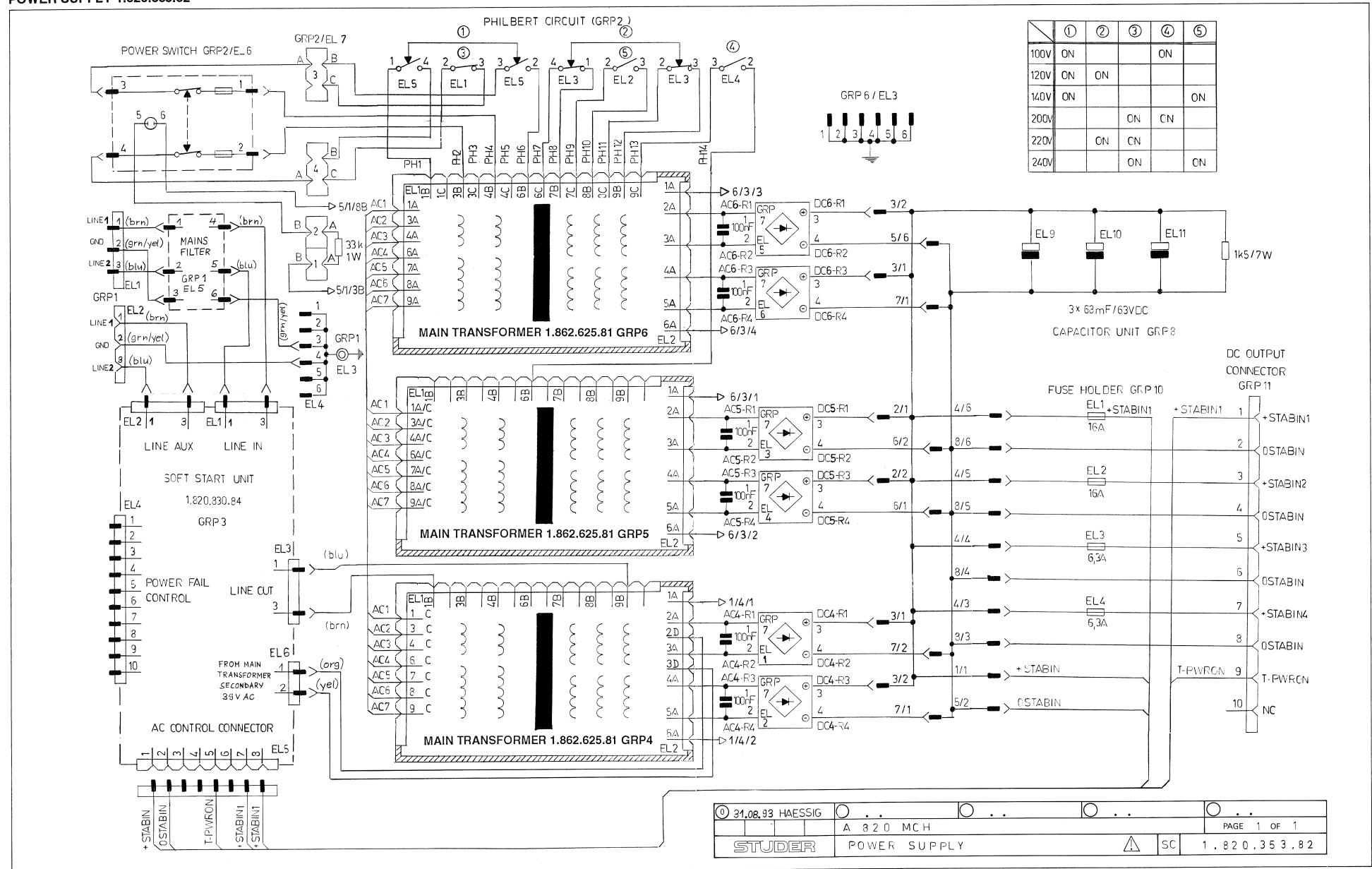
Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER	Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
C....1	59.25.6101	100 nF	-20%, 63 V, EL	Ph	R....44	57.11.3104	100 kOhm	5%	
C....2	59.26.2100	10 nF	20%, 16 V, Sa1		R....45	57.11.3104	100 kOhm	5%	
C....3	59.06.0104	100 nF	10%, PETP		R....46	57.11.3273	27 kOhm	1%	
C....4	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	57.11.3432	4.3 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	57.11.5225	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	57.11.3682	6.8 kOhm	1%	
J.....1	50.04.0122	1N 4001	...	IN 4004	GI, Mot	R....55	57.11.5225	2.2 MOhm	5%
J.....2	50.04.0122	1N 4001	...	IN 4004	GI, Mot	R....56	57.11.3104	100 kOhm	5%
J.....3	50.04.0122	1N 4001	...	IN 4004	GI, Mot	R....57	57.11.3102	1 kOhm	1%
J.....4	50.04.0123	1N 4448	...		Fc,ITT,Ph,TF	R....58	.	0 not used	
J.....5	50.04.0123	1N 4448	...		Fc,ITT,Ph,TF	R....59	.	0 not used	
DL....1	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....1	54.02.0320		Testpoint	
DL....2	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....2	54.02.0320		Testpoint	
DL....3	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....3	54.02.0320		Testpoint	
DL....4	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....4	54.02.0320		Testpoint	
DL....5	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....5	54.02.0320		Testpoint	
DL....6	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....6	54.02.0320		Testpoint	
DL....7	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....7	54.02.0320		Testpoint	
DL....8	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....8	54.02.0320		Testpoint	
DL....9	50.04.2111	MV 5453	CM 4-384 B, HUMP-3507		TP....9	54.02.0320		Testpoint	
DV....1	50.04.1121	24V, 5%	.40W, Z		TP....10	54.02.0320		Testpoint	
DV....2	50.04.1156	27V, 5%	.40W, Z		TP....11	54.02.0320		Testpoint	
IC....1	50.10.0106	TL431CLP		Mot, TI	TP....12	54.02.0320		Testpoint	
IC....2	50.05.0283	LM 393 N	LM 393 P	TI, NS	TP....13	54.02.0320		Testpoint	
IC....3	50.05.0283	LM 393 N	LM 393 P	TI, NS	TP....14	54.02.0320		Testpoint	
IC....4	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC....5	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC....6	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC....7	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC....8	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC....9	50.05.0283	LM 393 N	LM 393 P	TI, NS					
IC....10	50.05.0283	LM 393 N	LM 393 P	TI, NS					
P.....1	54.14.2112		Winkelstecker 16P						
Q.....1	50.03.0465	8D 140		Mot, Ph, SGS, TF, To					
Q.....2	50.03.0451	8D 139		Tho, Mot, Ph, SGS, TF, To					
Q.....3	50.03.0515	BC 337 E		Sie					
Q.....4	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
Q.....5	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
Q.....6	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
Q.....7	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
Q.....8	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
Q.....9	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
Q.....10	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
Q.....11	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
Q.....12	50.03.1505	VN 0808H	ZWNO108	Fe, Six					
R....1	57.11.3562	5.6 kOhm	5%						
R....2	57.11.3101	100 Ohm	5%						
R....3	57.11.3512	5.1 kOhm	5%						
R....4	57.11.3102	1 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	5%						
R....10	57.11.3104	100 kOhm	5%						
R....11	57.11.3104	100 kOhm	5%						
R....12	57.11.3223	22 kOhm	5%						
R....13	57.11.3332	3.3 kOhm	5%						
R....14	57.11.3241	240 Ohm	1%						
R....15	57.11.3562	5.6 kOhm	1%						
R....16	57.11.3471	470 Ohm	5%						
R....17	57.11.3104	100 kOhm	5%						
R....18	57.11.3103	10 kOhm	1%						
R....19	57.11.3562	5.6 kOhm	1%						
R....20	57.11.3471	470 Ohm	5%						
R....21	57.11.3104	100 kOhm	5%						
R....22	57.11.3104	100 kOhm	5%						
R....23	57.11.3753	75 kOhm	5%						
R....24	57.11.3183	18 kOhm	1%						
R....25	57.11.3512	5.6 kOhm	1%						
R....26	57.11.3561	560 Ohm	1%						
R....27	57.11.3104	100 kOhm	5%						
R....28	57.11.3383	36 kOhm	1%						
R....29	57.11.3101	10 kOhm	1%						
R....30	57.11.3101	100 Ohm	5%						
R....31	57.11.3102	1 kOhm	1%						
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	57.11.3562	5.6 kOhm	1%						
R....36	57.11.3101	100 Ohm	5%						
R....37	57.11.3102	1 kOhm	1%						
R....38	57.11.3104	100 kOhm	5%						
R....39	57.11.3104	100 kOhm	5%						
R....40	57.11.3273	27 kOhm	1%						
R....41	57.11.3562	5.6 kOhm	1%						
R....42	57.11.3101	100 Ohm	5%						
R....43	57.11.3102	1 kOhm	1%						

14.08.91 (01) Correction of tolerance.

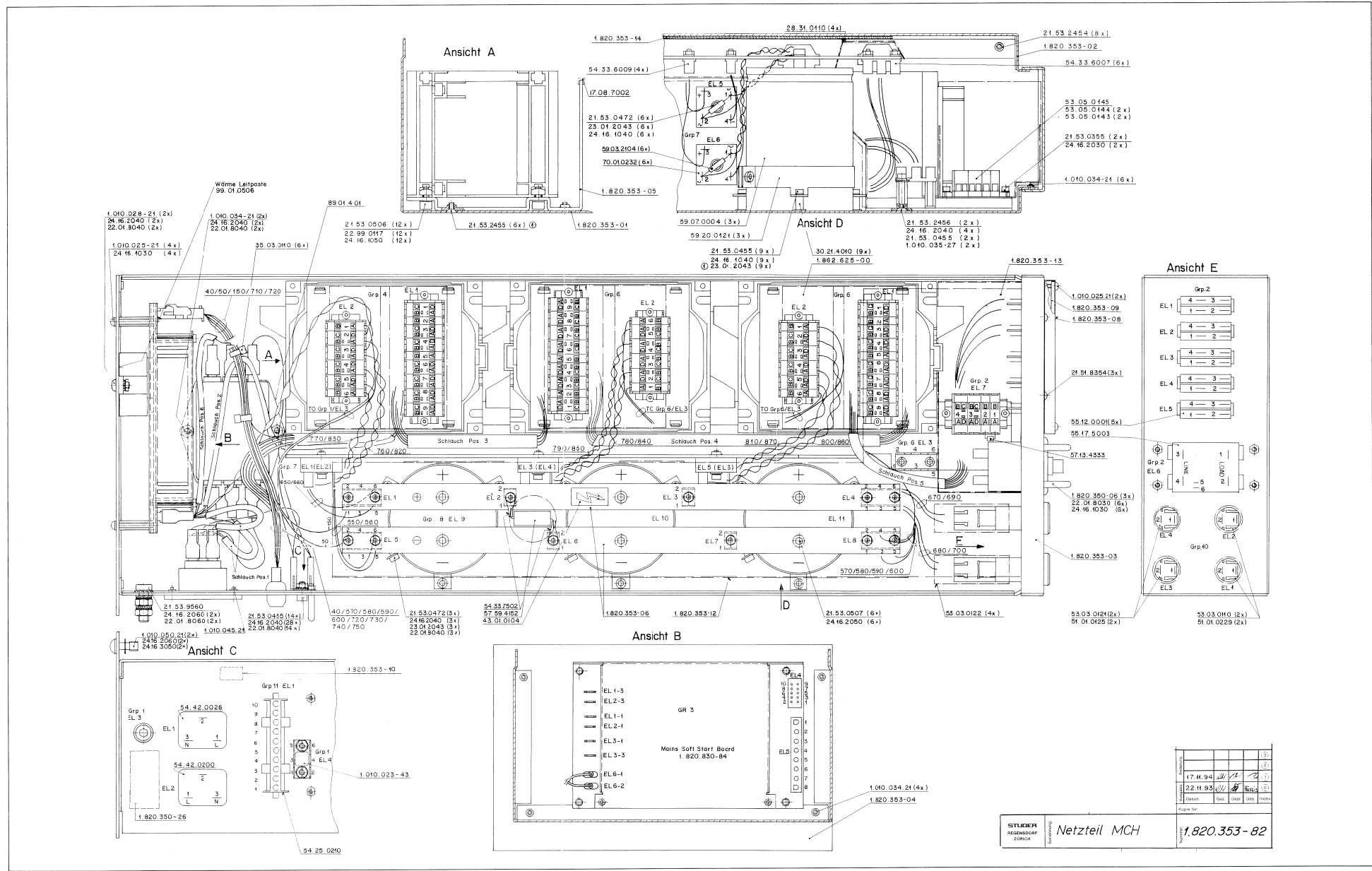
EL=Electrolytic, PETP=Polyesterfilm, Sa1=Solid aluminium.

MANUFACTURER: CM=Chicago Miniatur, Fc=Fairchild, Fe=Ferranti, GI=General Instruments, HP=Hewlett Packard, IT=Intermetall, Mo=Motorola, NS=National Semicond., Ph=Phillips, SGS=SGS/Thomson, Sie=Siemens, Six=Sixcontix, TF=Three-Five, Tho=STM SGS/Thomson, To=Texas Instruments, To=Toshiba

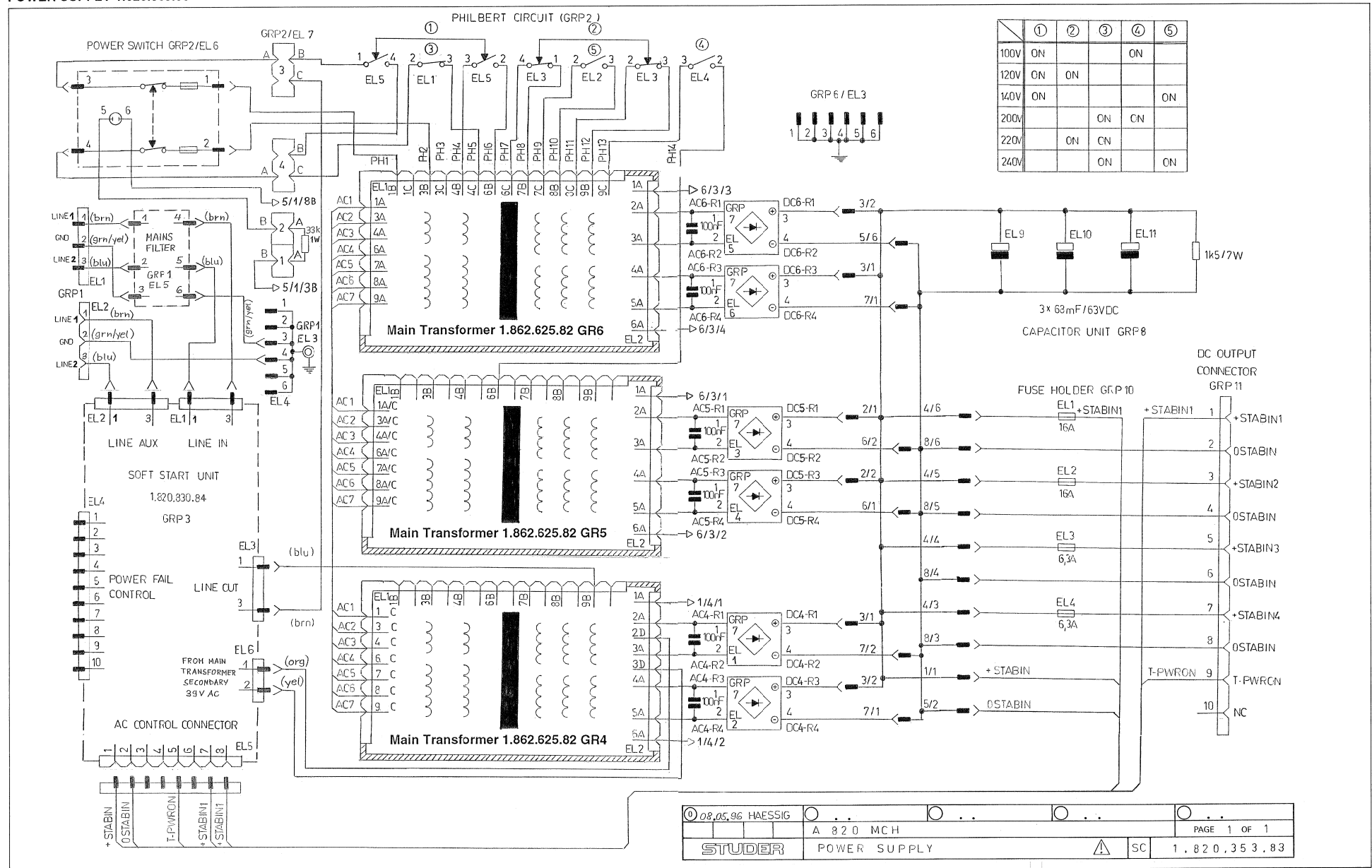
POWER SUPPLY 1.820.353.82



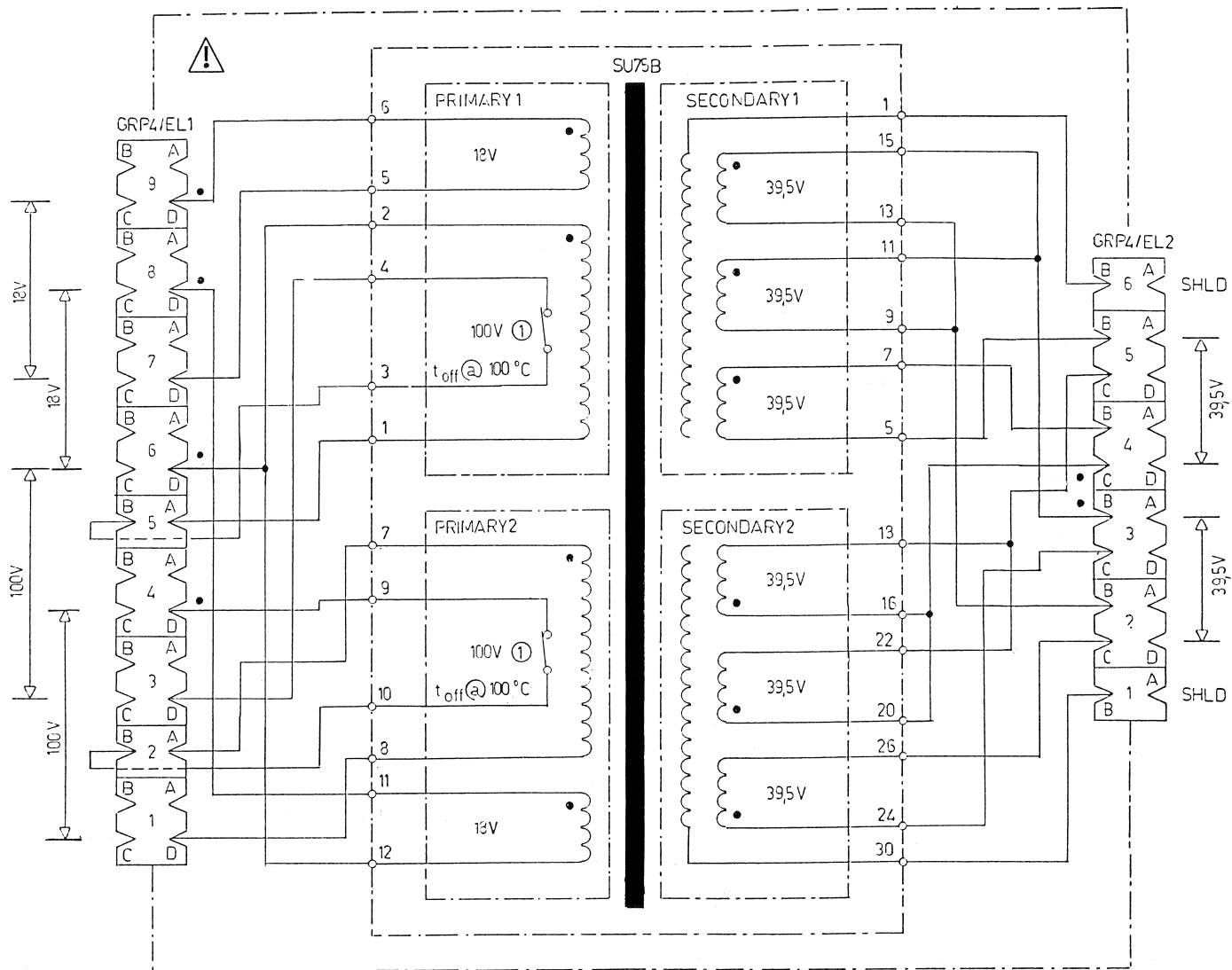
POWER SUPPLY 1.820.353.82



POWER SUPPLY 1.820.353.83

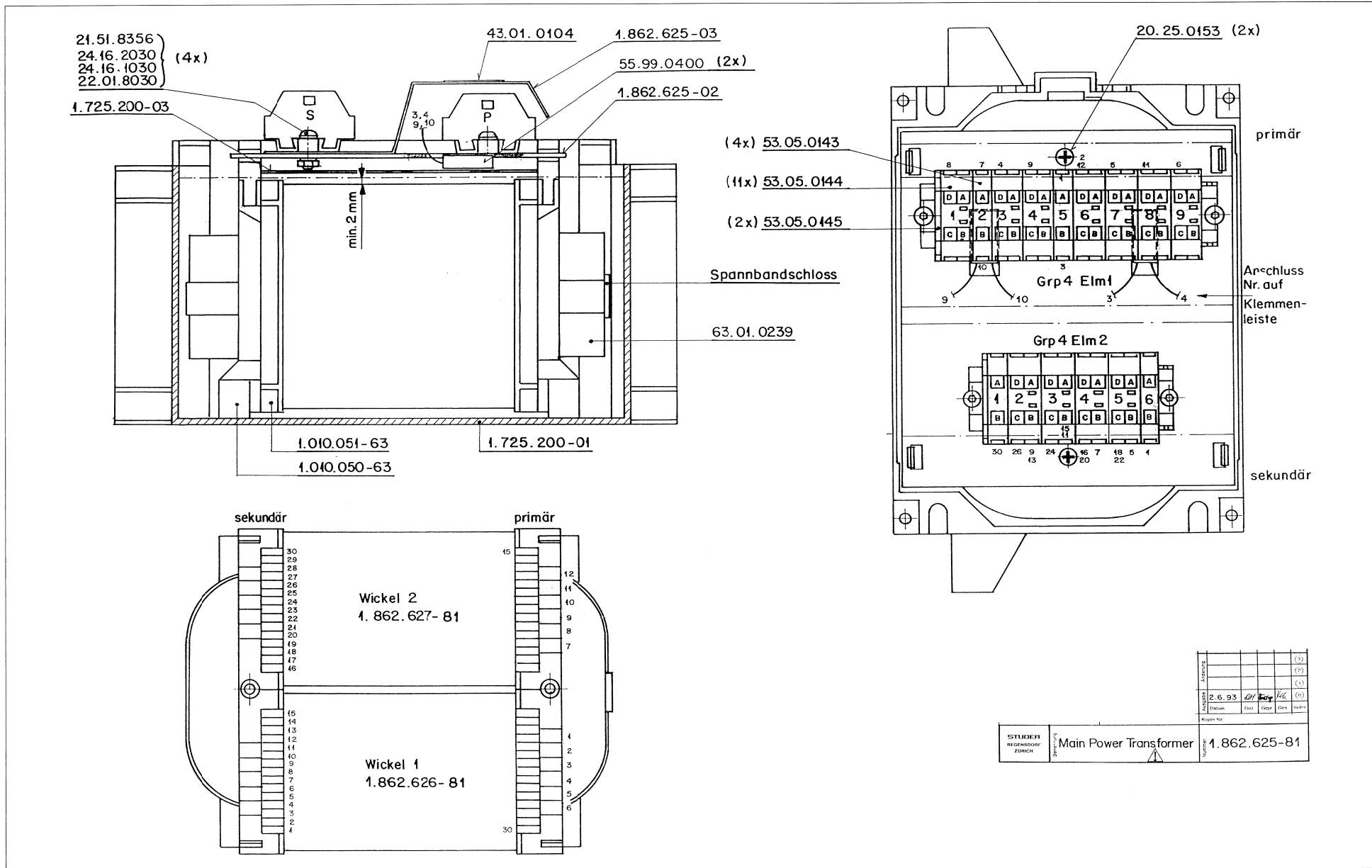


MAINS TRANSFORMER 1.862.625.81

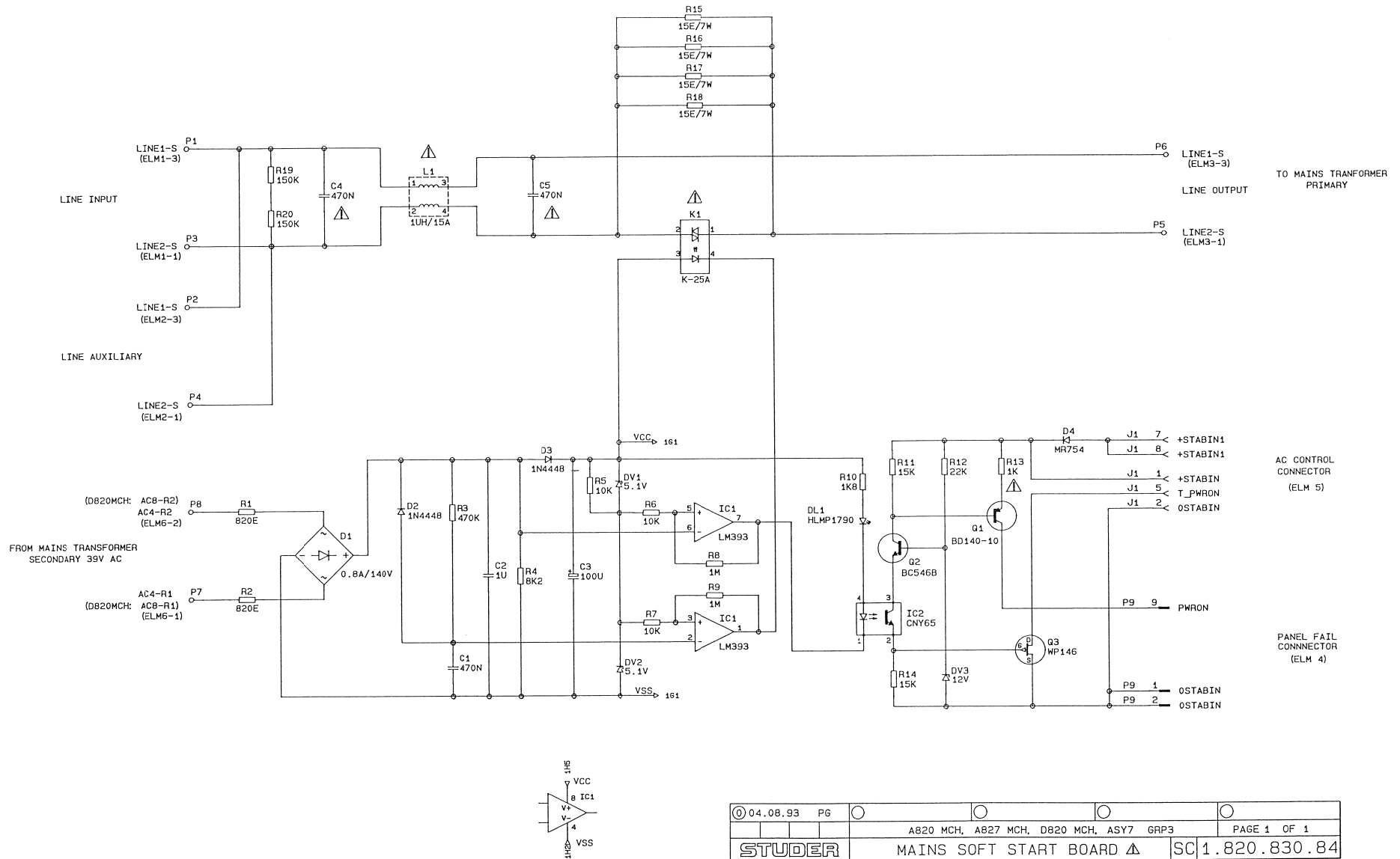


2.6.93	HAESSIG	PAGE 1 OF 1
STUDER	MAIN TRANSFORMER 300 VA	SC 1.862.625.81

MAINS TRANSFORMER 1.862.625.81



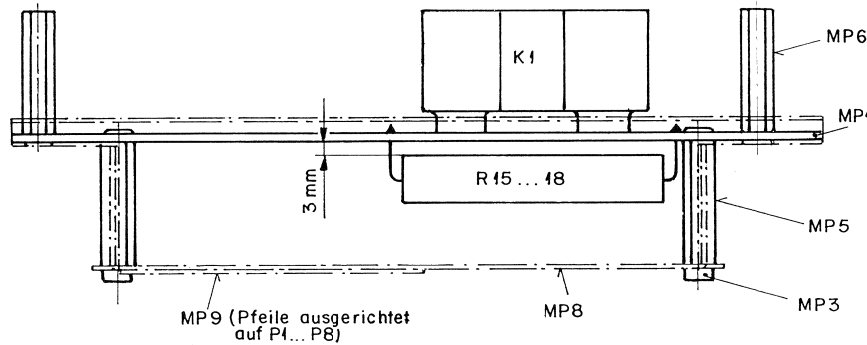
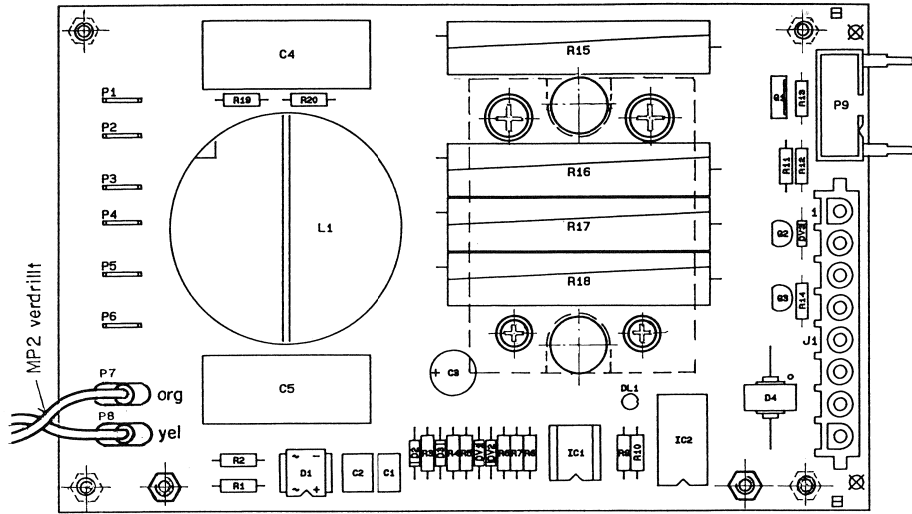
MAINS SOFT START BOARD 1.820.830.84



04.08.93	PG		
A820 MCH, A827 MCH, D820 MCH, ASY7 GRP3		PAGE 1 OF 1	
STUDER		MAINS SOFT START BOARD	
		SC 1.820.830.84	



MAINS SOFT START BOARD 1.820.830.84



UL approved material only

Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
C.....1		59.06.5474	470n 5 %, 50V, PETP	
C.....2		59.06.5105	1u 5 %, 50V, PETP	
C.....3		59.22.5101	100u -20 %, 25V, EI	
C.....4		59.14.3474	470n 20 %, 300VAC, X2, /!\	
C.....5		59.14.3474	470n 20 %, 300VAC, X2, /!\	
D.....1		70.01.0216	DF 02 M 0.8 A, 200V, BRIDGE RECTIFIER	GI
D.....2		50.04.0125	1N4448 0.15A, 75V, RECTIFIER	ITT,NS,Ph,R-0,Tf
D.....3		50.04.0125	1N4448 0.15A, 75V, RECTIFIER	ITT,NS,Ph,R-0,Tf
D.....4		50.04.0518	NR754 6 A, 400V, RECTIFIER	Not
DL.....1		50.04.2202	HUMP1790 GRN DIF, LED 3.18MM	HP,GI
DV.....1		50.04.1112	5.1V 5 %, 0.5 W, Z, ITT,Mot,Ph,Tf,SGS/Tho	
DV.....2		50.04.1112	5.1V 5 %, 0.5 W, Z, ITT,Mot,Ph,Tf,SGS/Tho	
DV.....3		50.04.1112	12 V 5 %, 0.5 W, Z, ITT,Mot,Ph,Tf,SGS/Tho	
IC.....1		50.05.0283	LM323 DIP08, DUAL COMPARATOR	NS,Ph,TI,SGS/Tho
IC.....2		50.04.2145	CN765 DII04, 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 /!\	CELDUC
L.....1		62.03.0115	1 mH 15 A, COMMON MODE, /!\	Hartmann,Sie,Tokin
MP.....1		1.820.830.14	1 pce MAIN SOFT START PCB, /!\	St
MP.....2		1.820.830.93	1 pce L1 MAIN SOFT START BOARD	St
MP.....3		21.99.0117	2 pcs Z-Schr. NYLON, M3 * 6	
MP.....4		43.01.0108	1 pce ESE-Warnschild	
MP.....5		1.010.022.22	2 pcs Nietmutter, M3 * 25	St
MP.....6		1.010.053.22	4 pcs Nietmutter, M3 * 24	St
MP.....7		1.820.830.01	1 pce Nr.-Etikette, 5 * 20	
MP.....8		1.820.830.04	1 pce Isolation, MAIN SOFT START BOARD	
MP.....9		1.820.830.05	1 pce Bezeichnungsschild, Anschluss	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 see note 2	
Q.....1		50.03.0452	BD140-10 PNP, T0126-1	Ph,Tf,To,SGS/Tho
Q.....2		50.03.0491	BC546B NPN, T092-1	Ph,Sie
Q.....3		50.03.0329	WP146 PFET, T092-6	Six
R.....1		57.11.3821	820 Ohm 1 %, 0.4W, MF	
R.....2		57.11.3821	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		57.11.3105	1 Mohm 1 %, 0.4W, MF	
R.....9		57.11.3105	1 Mohm 1 %, 0.4W, MF	
R.....10		57.11.3182	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		57.19.0102	1 Kohm 5 %, 0.3W, Fusible Resistor, /!\	
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=Intermetal, Mot=Motorola, NS=National Semiconductors, Ph=Philips, R-0=Rohm, SGS=SGS/Ates, Sie=Siemens, Six=Siliconix, Tf=Telefunken, Tho=Thomson, TI=Texas Instruments, To=Toshiba.

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

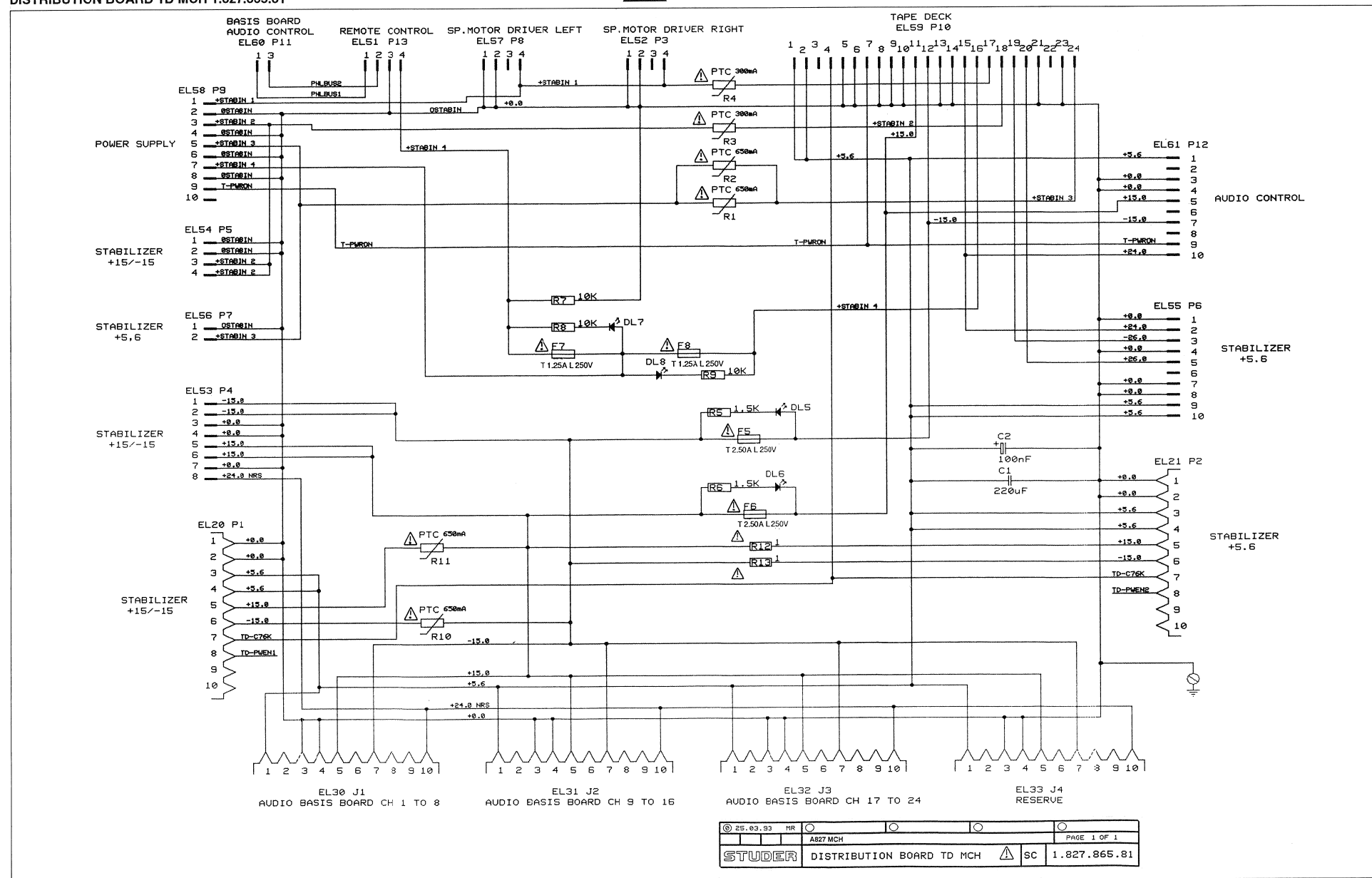
Abbildung									
Angabe	6.9.93	ZH							
Datum	Gez	Gepr	Gez	Index					
Kopie für									

STUDER
REGENSDORF
ZÜRICH

Bezeichnung: Mains Soft Start Board ESE

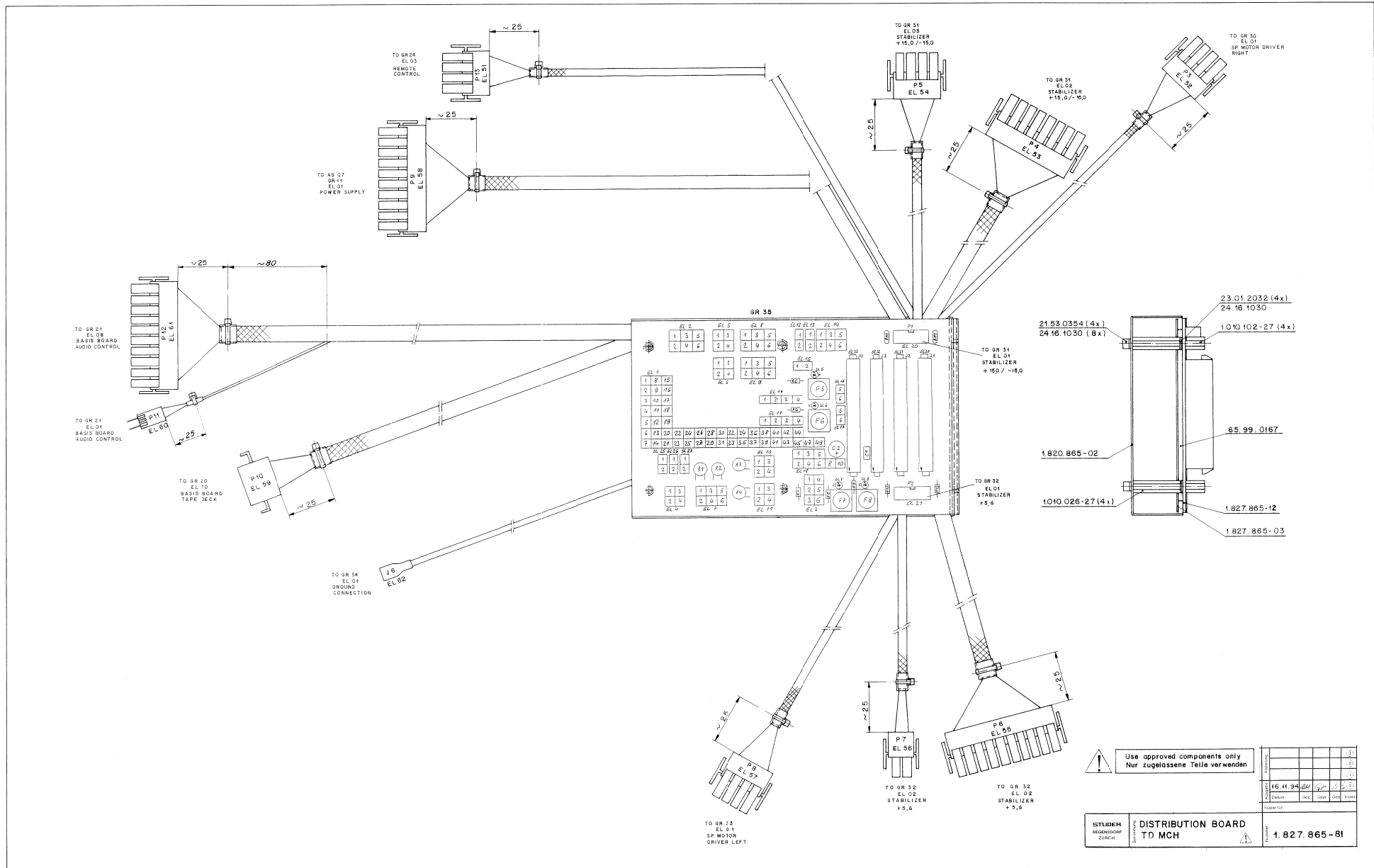
Nr./Art: 1.820.830-84

DISTRIBUTION BOARD TD MCH 1.827.865.81



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A827 MCH			PAGE 1 OF 1							
STUDER	DISTRIBUTION BOARD TD MCH			SC	1.827.865.81					

DISTRIBUTION BOARD TD MCH 1.827.865.81





DISTRIBUTION BOARD TD MCH 1.827.865.81

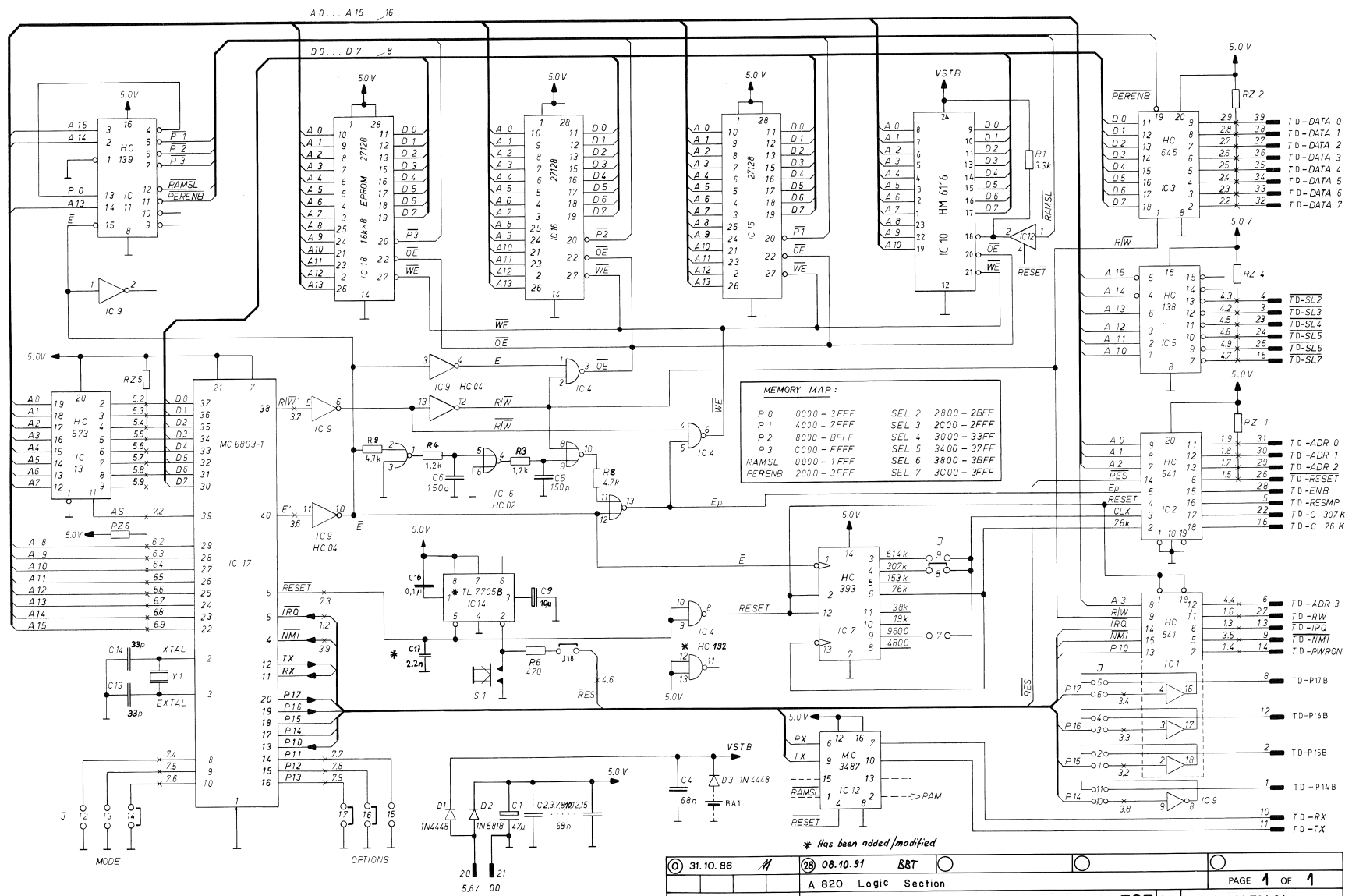
Ad	..POS..	..REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	..POS..	..REF.No...	DESCRIPTION.....	MANUFACTURER
C....1		59.06.0104	100 nF	10% 50V PETP					
C....2		59.22.3221	220 uF	-20% 10V EL					
DL....5		50.04.2129	LS3160	LED red d=3 mm					
DL....6		50.04.2129	LS3160	LED red d=3 mm					
DL....7		50.04.2129	LS3160	LED red d=3 mm					
DL....8		50.04.2129	LS3160	LED red d=3 mm					
F....5		51.01.0121	T2.5 A	L250V Fuse 5*20 /!\					
F....6		51.01.0121	T2.5 A	L250V Fuse 5*20 /!\					
F....7		51.01.0118	T1.25A	L250V Fuse 5*20 /!\					
F....8		51.01.0118	T1.25A	L250V Fuse 5*20 /!\					
J....1		54.25.0010		AMP nr. 826852-3					
J....2		54.25.0010		AMP nr. 826852-3					
J....3		54.25.0010		AMP nr. 826852-3					
J....4		54.25.0010		AMP nr. 826852-3					
MP....1		1.827.865.12	1 pce	Distribution PCB /!\					
MP....2		1.827.865.10	1 pce	Nr. Label					
MP....3		1.827.865.93	1 pce	Wiring List /!\					
MP....4		1.010.119.51	2 pcs	Fuse Label 5*20 (T2.50A)					
MP....5		1.010.116.51	2 pcs	Fuse Label 5*20 (T1.25A)					
P....1		54.14.2001	10 Pole	see note 1					
P....2		54.14.2001	10 Pole	see note 1					
P....3		00.00.0000	4 Pole	see note 3					
P....4		00.00.0000	8 Pole	see note 4					
P....5		00.00.0000	4 Pole	see note 3					
P....6		00.00.0000	10 Pole	see note 5					
P....7		00.00.0000	2 Pole	see note 2					
P....8		00.00.0000	4 Pole	see note 3					
P....9		00.00.0000	10 Pole	see note 6					
P....10		54.02.0416	24 Pole	Molex nr. 03-06-1241					
P....11		54.01.0260	3 Pole	AMP nr. 163.690-1					
P....12		00.00.0000	10 Pole	see note 7					
P....13		00.00.0000	4 Pole	see note 3					
R....1		57.92.7014	650 mA	60V, PTC					
R....2		57.92.7014	650 mA	60V, PTC					
R....3		57.92.7012	300 mA	60V, PTC					
R....4		57.92.7012	300 mA	60V, PTC					
R....5		57.11.3152	1.5 kOhm	1%, 0.25W, MF					
R....6		57.11.3152	1.5 kOhm	1%, 0.25W, MF					
R....7		57.11.3103	10 kOhm	1%, 0.25W, MF					
R....8		57.11.3103	10 kOhm	1%, 0.25W, MF					
R....9		57.11.3103	10 kOhm	1%, 0.25W, MF					
R....10		57.92.7014	650 mA	60V, PTC					
R....11		57.92.7014	650 mA	60V, PTC					
R....12		57.19.0109	1 Ohm	5%, 0.33W /!\ fusible resistor					
R....13		57.19.0109	1 Ohm	5%, 0.33W /!\ fusible resistor					
XF....5		53.03.0148	5 * 20	Fuse Holder /!\					
XF....6		53.03.0148	5 * 20	Fuse Holder /!\					
XF....7		53.03.0148	5 * 20	Fuse Holder /!\					
XF....8		53.03.0148	5 * 20	Fuse Holder /!\					
PETP = Polyesterfilm, EI = Electrolytic.									
Note 1 - Connector, 10 contacts:									
		case:	Studer nr.	54.14.2001					
			Yamaichi nr.	FAP-10-08-40SS					
			Burndy nr.	BPH 9 B10 B00 GS					
			3M nr.	7610-6002 VZ					
Note 2 - Connector, 2 Contacts:									
		case:	Studer nr.	54.25.0302					
			AMP nr.	350777-1					
		pin:	Studer nr.	54.25.0402					
			AMP nr.	926899-1					
Note 3 - Connector, 4 Contacts:									
		case:	Studer nr.	54.25.0304					
			AMP nr.	926298-3, 926298-1					
		pin:	Studer nr.	54.25.0402					
			AMP nr.	926899-1					
Note 4 - Connector, 8 contacts:									
		case:	Studer nr.	54.25.0308					
			AMP nr.	926301-3					
		pin:	Studer nr.	54.25.0402					
			AMP nr.	926899-1					
Note 5 - Connector, 10 contacts:									
		case:	Studer nr.	54.25.0310					
			AMP nr.	926302-3					
		pin:	Studer nr.	54.25.0402					
			AMP nr.	926899-1					
Note 6 - Connector, 10 contacts:									
		case:	Studer nr.	54.25.0310					
			AMP nr.	926302-3					
		8 pins:	Studer nr.	54.25.0402					
			AMP nr.	926899-1					
		1 pin:	Studer nr.	54.25.0401					
			AMP nr.	926887-1					

Note 7 - Connector, 10 contacts:
 case: Studer nr. 54.25.0310
 AMP nr. 926302-3
 6 pins: Studer nr. 54.25.0402
 AMP nr. 926899-1
 1 pin : Studer nr. 54.25.0401
 AMP nr. 926887-1

1.827.865.81 DISTRIBUTION BOARD TD MCH /!\ GP 94/31/1000

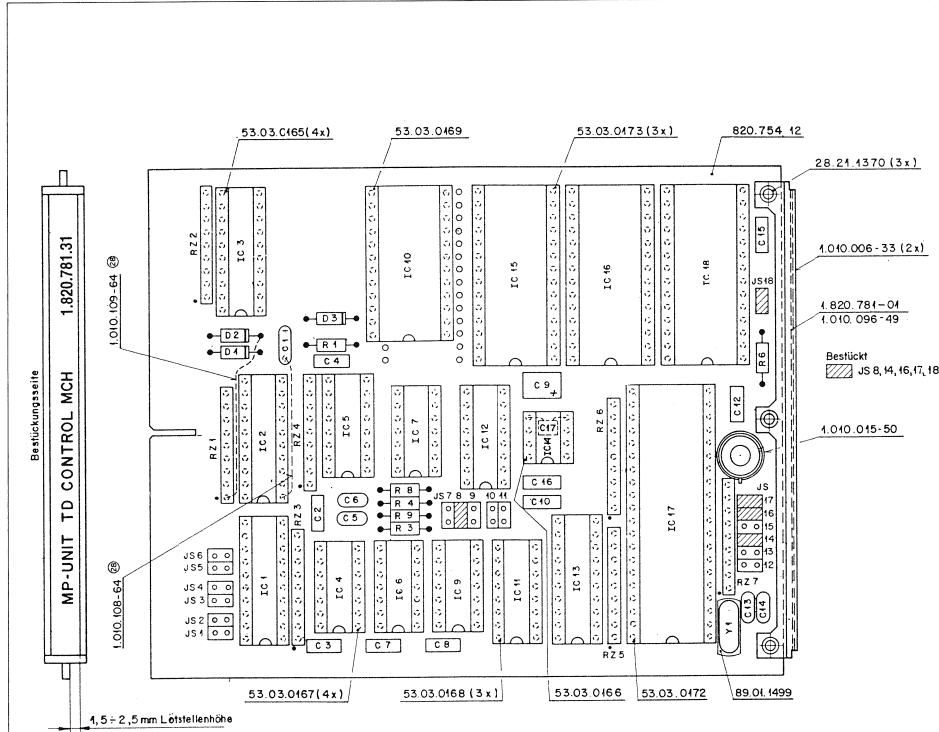
END
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MP UNIT TAPE DECK CONTROL MCH 1.820.781.31





MP UNIT TAPE DECK CONTROL MCH 1.820.781.31



Schilder 43.01.0108 und 1.101.001.XX aufgeklebt nach Fabrikationsmuster
 C17 1.010.408-64 auf Lötseite
 1.010.109-64

Aktion	Abgraben	Angabe	Datum	Gel.	Gepr.	Gepr. Instruk.
3.12.92	OK	F				
28.2.92	OK	F				
8.10.91	OK	F				
3.4.91	OK	F				
8.1.91	OK	F				
6.12.89	OK	F				
18.9.89	OK	F				
15.3.89	Kr.	F				
31.8.88	F					
13.6.88	F					
10.6.88	F					
7.11.85	F					

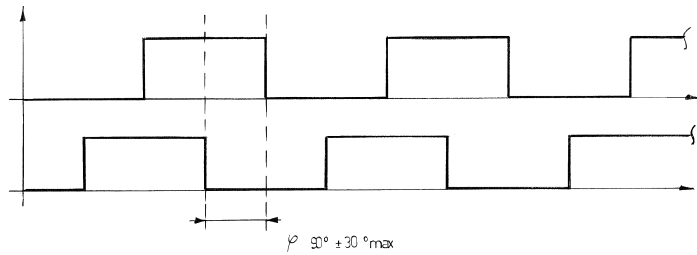
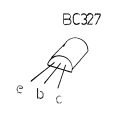
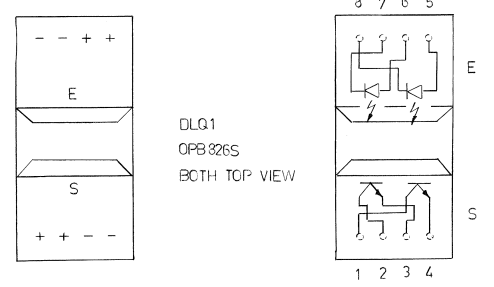
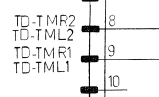
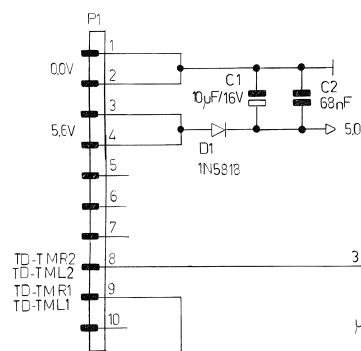
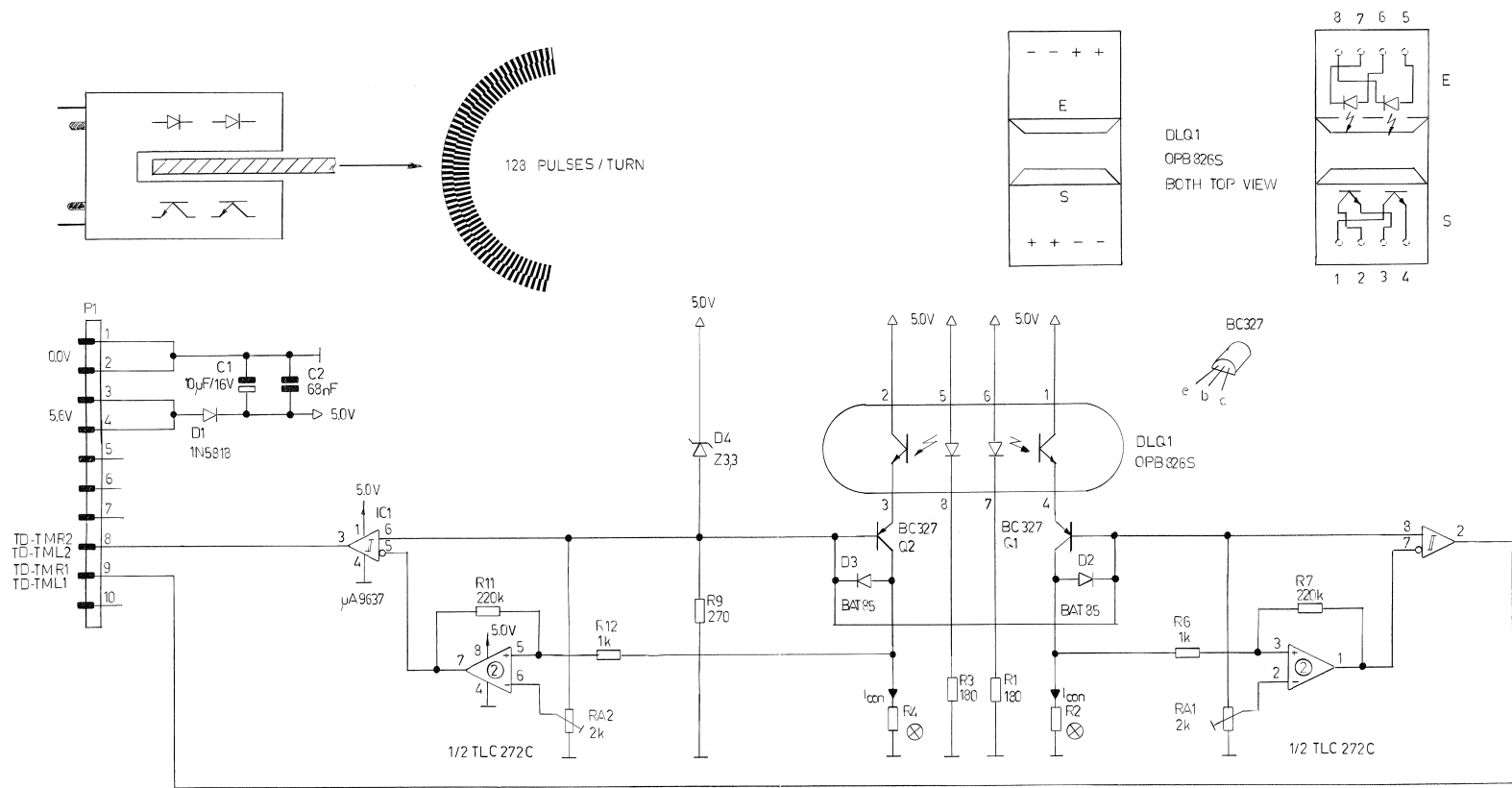
Kopie Nr	Nummer
	1.820.781.31

ESE
STUDER
REGENDORF
ZÜRICH

Ad	..POS..	..REF.No..	DESCRIPTION	MANUFACTURER	Ph
C....1	59.26.0470	47 uF	20%, 6.3V	Sal	
C....2	59.06.0683	68 nF	10%, 63V	PETP	
C....3	59.06.0683	68 nF	10%, 63V	PETP	
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	
C....8	59.06.0683	68 nF	10%, 63V	PETP	
C....9	59.26.2100	10 uF	20%, 16V	Sal	
C....10	59.06.0683	68 nF	10%, 63V	PETP	
C....11	00.00.0000	not used			
C....12	59.06.0683	68 nF	10%, 63V	PETP	
C....13	59.34.2330	33 pF	5%	Ce	
C....14	59.34.2330	33 pF	5%	Ce	
C....15	59.06.0683	68 nF	10%, 63V	PETP	
C....16	59.06.0104	100 nF	10%, 63V	PETP	
C....17	59.06.0222	2.2 nF	10%, 63V	PERP	
C....18	59.06.0683	68 nF	10%, 63V	PETP	
C....19	59.34.2330	33 pF	5%	Ce	
C....20	59.34.2330	33 pF	5%	Ce	
C....21	59.06.0683	68 nF	10%, 63V	PETP	
C....22	59.06.0683	68 nF	10%, 63V	PETP	
C....23	59.06.0683	68 nF	10%, 63V	PETP	
C....24	59.06.0683	68 nF	10%, 63V	PETP	
C....25	59.06.0683	68 nF	10%, 63V	PETP	
C....26	59.06.0683	68 nF	10%, 63V	PETP	
C....27	59.06.0683	68 nF	10%, 63V	PETP	
C....28	59.06.0683	68 nF	10%, 63V	PETP	
C....29	59.06.0683	68 nF	10%, 63V	PETP	
C....30	59.06.0683	68 nF	10%, 63V	PETP	
C....31	59.06.0683	68 nF	10%, 63V	PETP	
C....32	59.06.0683	68 nF	10%, 63V	PETP	
C....33	59.06.0683	68 nF	10%, 63V	PETP	
C....34	59.06.0683	68 nF	10%, 63V	PETP	
C....35	59.06.0683	68 nF	10%, 63V	PETP	
C....36	59.06.0683	68 nF	10%, 63V	PETP	
C....37	59.06.0683	68 nF	10%, 63V	PETP	
C....38	59.06.0683	68 nF	10%, 63V	PETP	
C....39	59.06.0683	68 nF	10%, 63V	PETP	
C....40	59.06.0683	68 nF	10%, 63V	PETP	
C....41	59.06.0683	68 nF	10%, 63V	PETP	
C....42	59.06.0683	68 nF	10%, 63V	PETP	
C....43	59.06.0683	68 nF	10%, 63V	PETP	
C....44	59.06.0683	68 nF	10%, 63V	PETP	
C....45	59.06.0683	68 nF	10%, 63V	PETP	
C....46	59.06.0683	68 nF	10%, 63V	PETP	
C....47	59.06.0683	68 nF	10%, 63V	PETP	
C....48	59.06.0683	68 nF	10%, 63V	PETP	
C....49	59.06.0683	68 nF	10%, 63V	PETP	
C....50	59.06.0683	68 nF	10%, 63V	PETP	



MOTOR TACHO 1.820.771.84

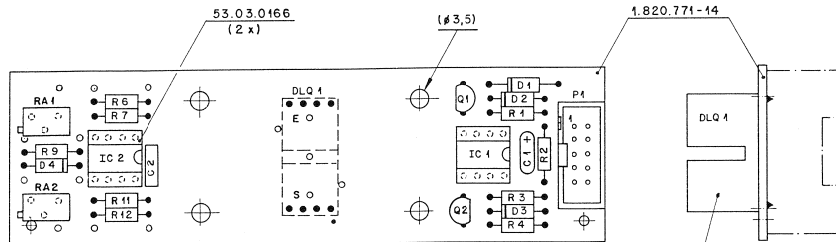


⊗ R2/R4 factory adjusted according to following table
coupling measured without tacho disk
I_{con} measurement R2/R4 replaced by digital milliampere meter

I _{con}	250µA	360µA	520µA	720µA	107mA	155mA	2.2mA	3.1mA	4.6mA	6.5mA	10mA
R2/R4	7k5	5k1	3k6	2k4	1k6	1k2	820	560	390	270	



MOTOR TACHO 1.820.771.84



DLQ4 satt aufliegend auf Lötseite montiert. Nach der Montage, beschichtet mit Epoxid - Lack nach BV 682. Hierbei 4 Bohrungen $\phi 3,5$ abgedeckt mit Klebband (müssen frei bleiben von Lack).

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

Ad	POS	REF.No	DESCRIPTION	MANUFACTURER
C....1	59.26.2100	10 uF	20%, 16V, Sa1	
C....2	59.06.0683	68 nF	10%, 63V, PETP	
C....3	00.00.0000	not used		
C....4	00.00.0000	not used		
D....1	50.04.0512	1N 5818	1N 5918	Not
D....2	50.04.0127	BAT 42	BAT 85, BAS 40-02,	Ph, Sie, Tho
D....3	50.04.0127	BAT 42	BAT 85, BAS 40-02,	Ph, Sie, Tho
D....4	50.04.1107	3,3V Z	82X 55-C3V3	ITT, Mot, Ph, Tf, Tho
DLQ...1	50.99.0166	OPB 826		Op
IC....1	50.15.0114	uA9637ACP	9637 ATC	Fc, TI
IC....2	50.05.0286	LM 358 N	LM 358 P	NS, Mot, SGS, TI
IC....2	50.09.0122	TLC 272 C	TS 272 CN	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		
R....6	57.11.3102	1 kOhm	1%	
R....7	57.11.3224	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 contacts:
 Yamichi nr. FAP-10-08-05SS
 Bursdy nr. BPH 9 B10 800 GS
 3M nr. 7610-6002 VZ

El=Electrolytic, Sa1=Solid aluminium

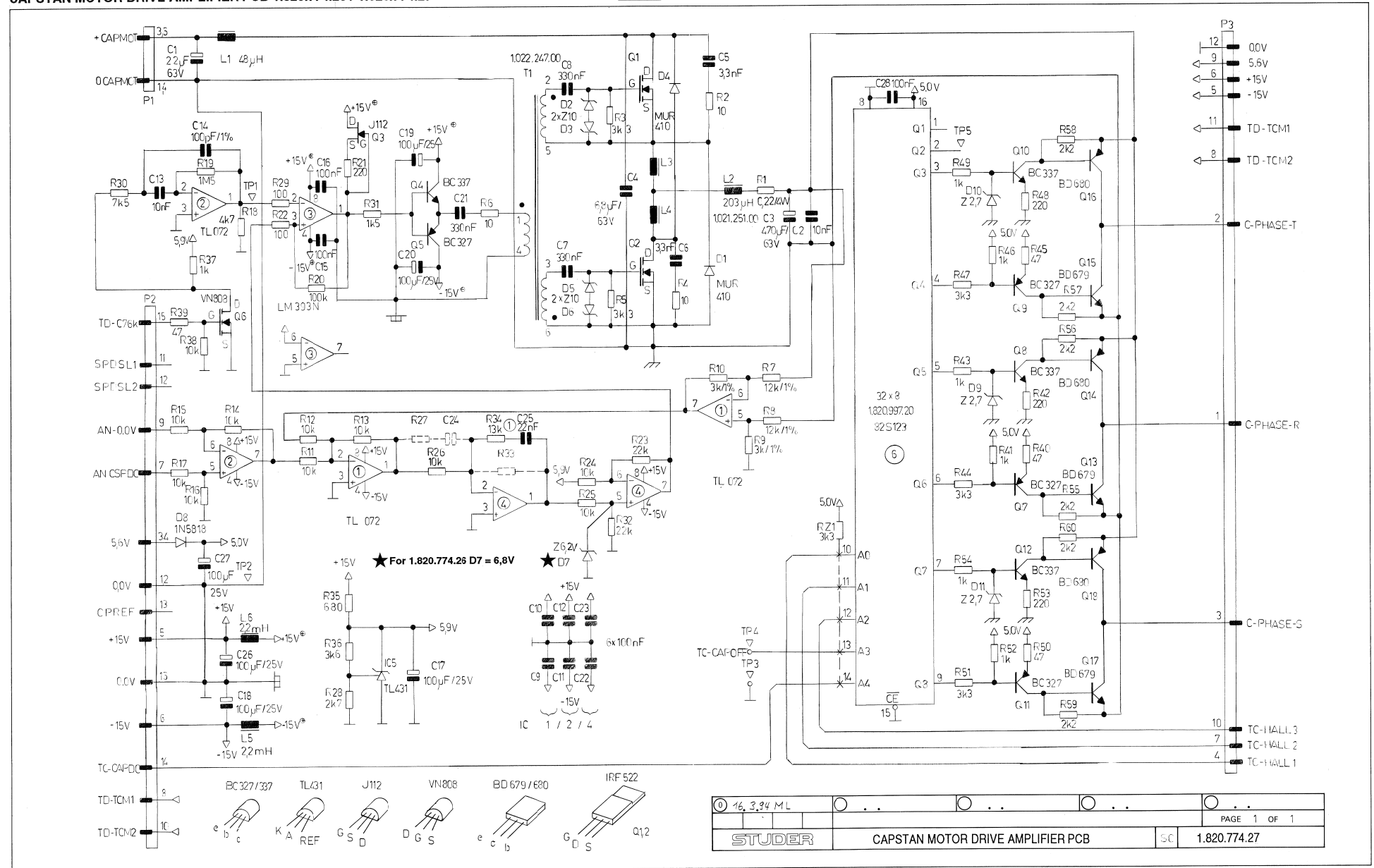
MANUFACTURER: Fc=Fairchild, ITT=Intermetall, Mot=Motorola, NS=National
 Semiconductor, Op=Opton, Ph=Philips, SGS=SGS/Ates,
 Si=Siemens, Tf=Telefunken, Tho=Thomson, TI=Texas Instrument.

1.820.771.83 MOTOR TACHO PZ 89/11/150C
 1.820.771.83 MOTOR TACHO PZ 90/01/1101

Exposition	(1)	(2)	(3)	(4)
NO. 3. 92	PK	100	100	(1)
Material	Expo	Cont	Inter	

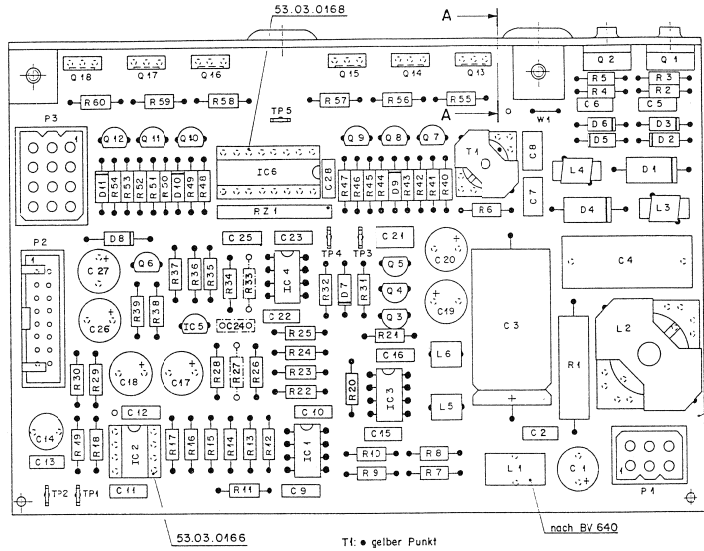
STUDER REGENSDORF ZÜRICH	MOTOR TACHO BOARD ESE	1.820.771- 84
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CAPSTAN MOTOR DRIVE AMPLIFIER PCB 1.820.774.26 / 1.820.774.27

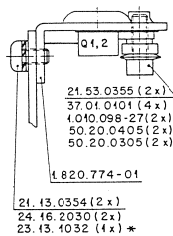




CAPSTAN MOTOR DRIVE AMPLIFIER PCB 1.820.774.26 / 1.820.774.27



Ansicht A - A



1.820.774-14

Table with 4 columns: DATE, DRAWN, CHECKED, and APPROVED. It contains handwritten entries for dates and initials.

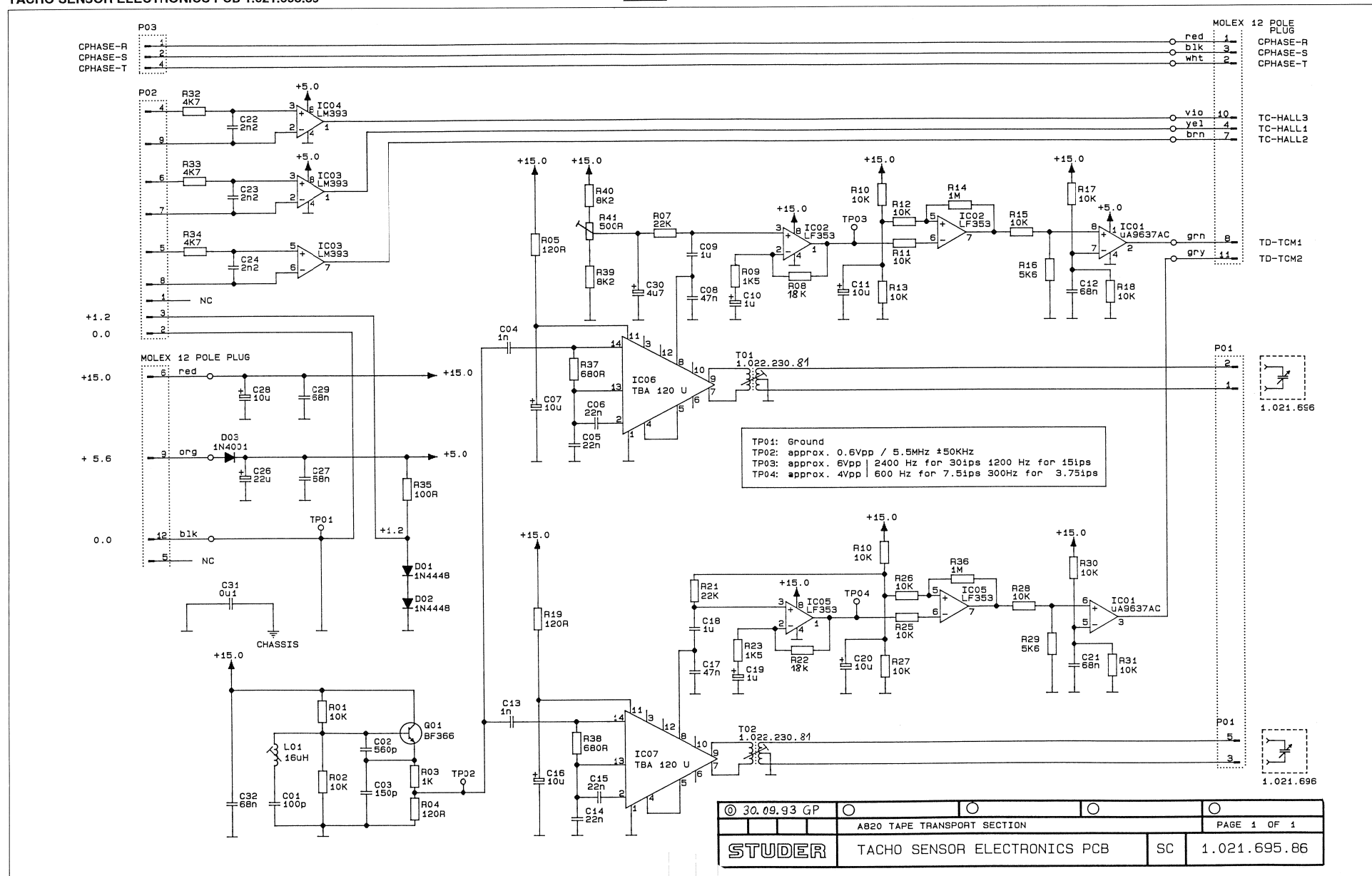
Table with 2 columns: REF. No. and DESCRIPTION. It lists '1.820.774-27' and 'CAPSTAN MOTOR DRIVE AMPL. ESE'.

Main component list table with columns: Ad., POS., REF. No., DESCRIPTION, MANUFACTURER. It lists various electronic components like resistors, capacitors, and integrated circuits with their respective values and manufacturers.

Continuation of the component list table, including connector specifications, transformer details, and wire bridge information. It includes notes about connector types and manufacturer recommendations.



TACHO SENSOR ELECTRONICS PCB 1.021.695.86

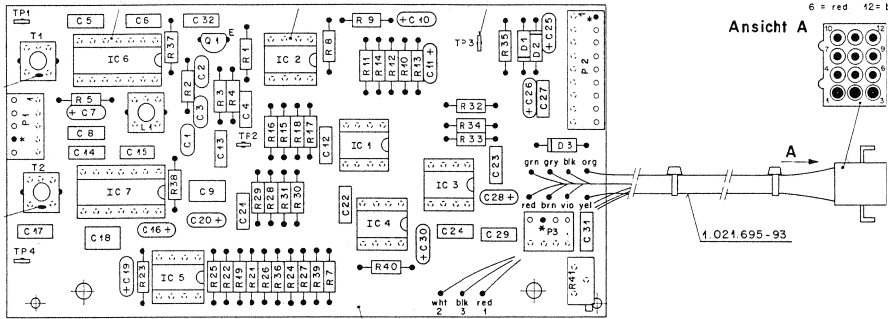


TP01: Ground
 TP02: approx. 0.6Vpp / 5.5MHz ±50KHz
 TP03: approx. 6Vpp | 2400 Hz for 30ips 1200 Hz for 15ips
 TP04: approx. 4Vpp | 600 Hz for 7.5ips 300Hz for 3.75ips

30.09.93 GP	A820 TAPE TRANSPORT SECTION	PAGE 1 OF 1
STUDER	TACHO SENSOR ELECTRONICS PCB	SC 1.021.695.86



TACHO SENSOR ELECTRONICS PCB 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	100n		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	TL072		IC TL 072 CN
0 IC 3	50.05.0283	LM393		Dual Comparator
0 IC 4	50.05.0283	LM393		Dual Comparator
0 IC 5	50.09.0101	TL072		IC TL 072 CN
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			Trafo DISKRIMINATORTRAFO
1 T 2	1.022.230.82			Trafo DISKRIMINATORTRAFO
0 TP 1	29.21.6002	1-P		LOETOESE
0 TP 2	29.21.6002	1-P		LOETOESE
0 TP 3	29.21.6002	1-P		LOETOESE
0 TP 4	29.21.6002	1-P		LOETOESE

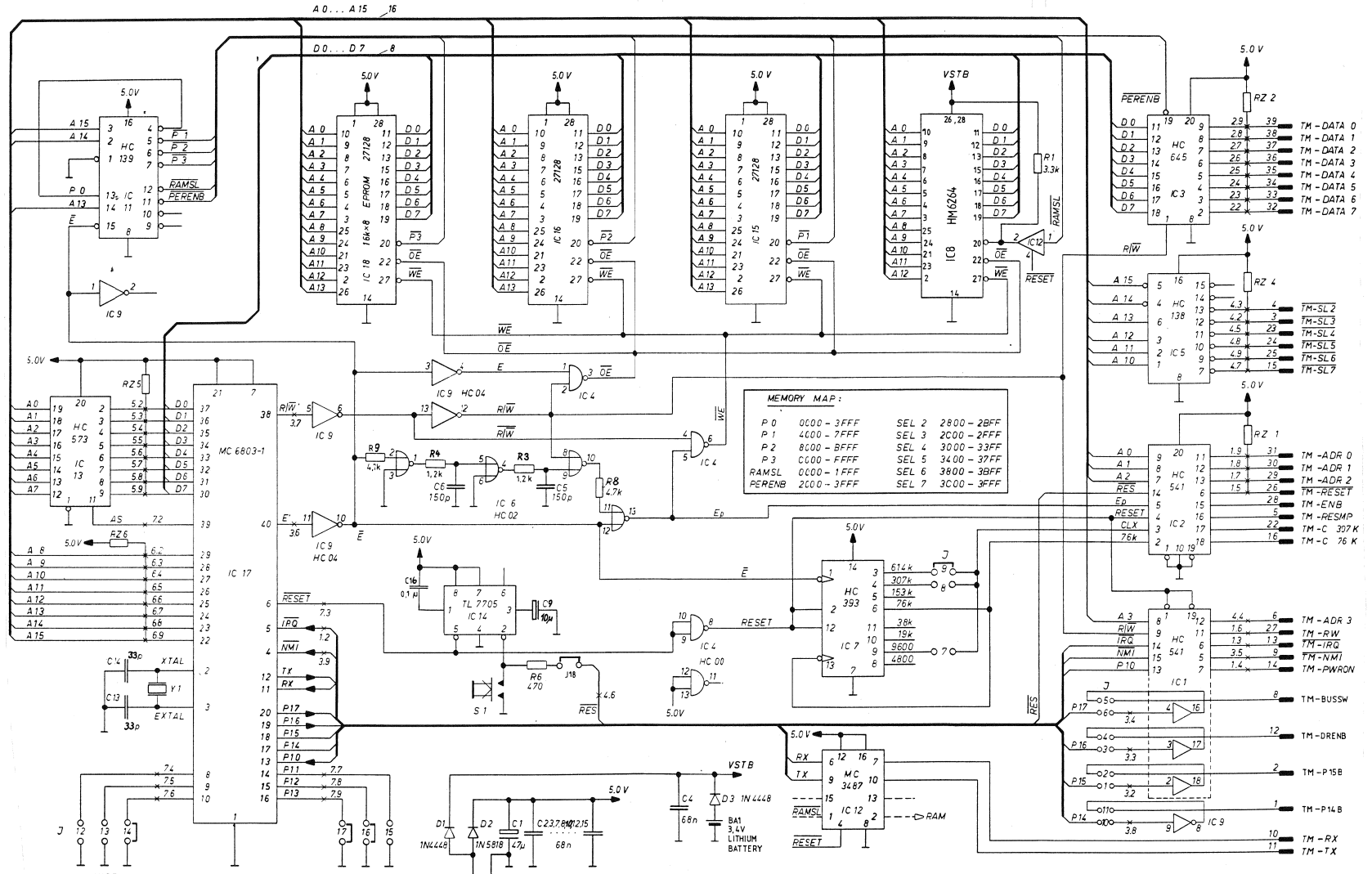
End of List

Comments:
 * Note 1: Pot. Bourns, Nr.: 3296 Z-1-501
 * Spectrol, Nr.: 64 Z 501 T 000
 * Murata, Nr.: Pot3105 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, Phi=Philips,
 * Sie=Siemens, St=Studer, TI=Texas Instruments
 (o1) T1+T2 -81 changed to -82

10.79€					
30.9.93					
Datum	Sez	Conf	Ges	Indes	
Kopie für:					
Nummer: 1.021.695-86					

STUDER REGENSDORF ZÜRICH
 TACHO SENSOR EL. BOARD ESE
 1.021.695-86

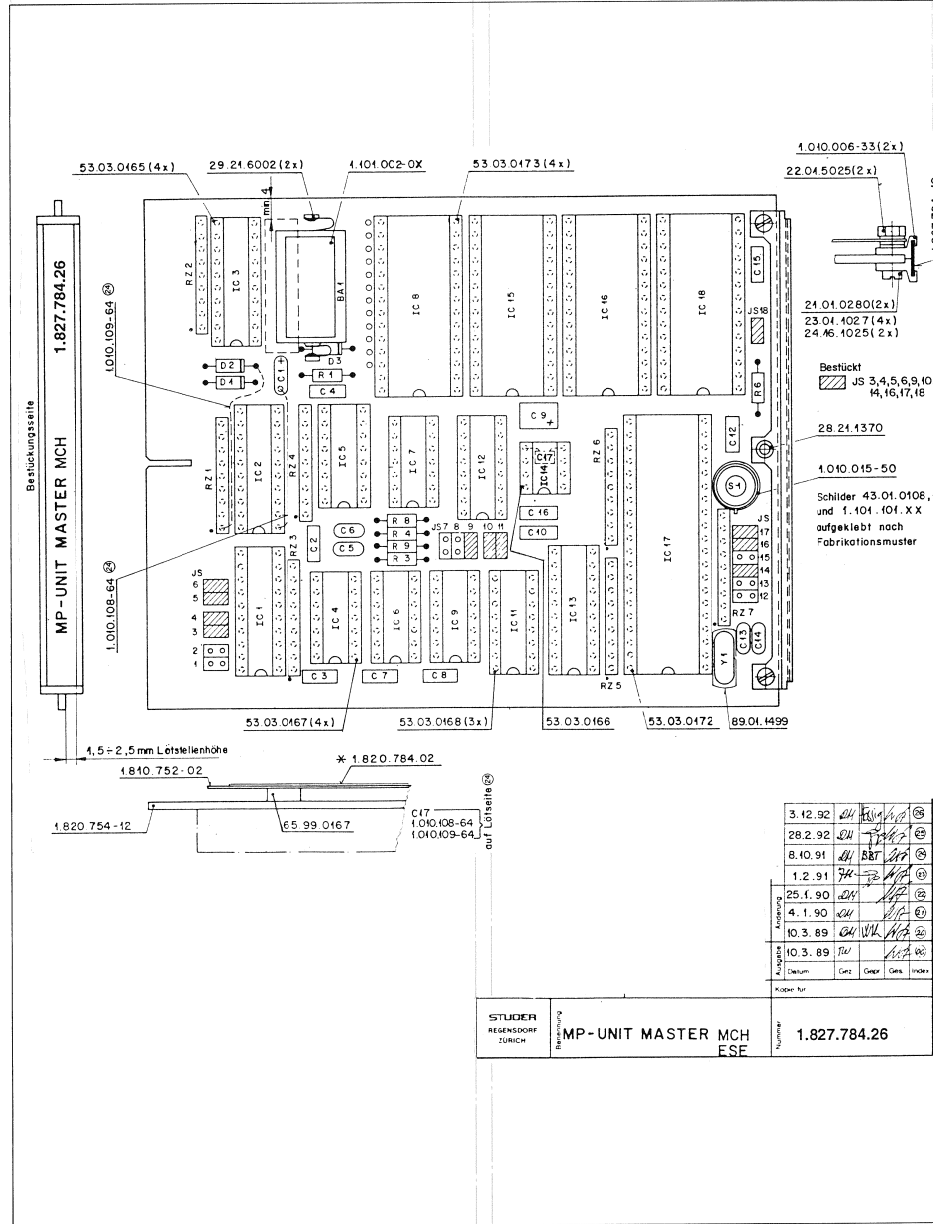
MP UNIT MASTER MCH 1.827.784.26



MEMORY MAP:

P 0	0000 - 3FFF	SEL 2	2800 - 2BFF
P 1	4000 - 7FFF	SEL 3	2C00 - 2BFF
P 2	8000 - BFFF	SEL 4	3000 - 33FF
P 3	C000 - FFFF	SEL 5	3400 - 37FF
RAMSL	0000 - 1FFF	SEL 6	3800 - 3BFF
PERENB	2000 - 3FFF	SEL 7	3C00 - 3FFF

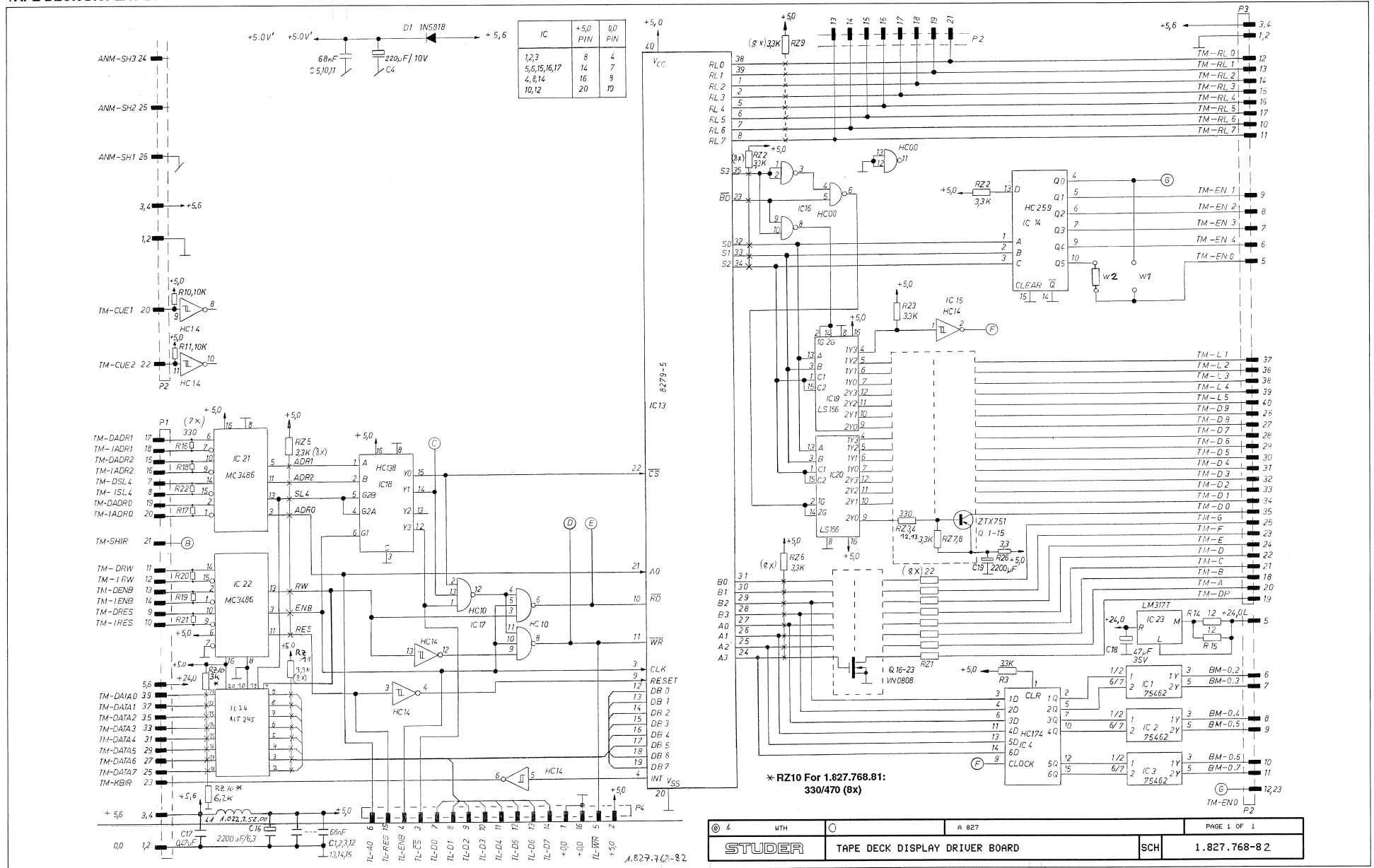
MP UNIT MASTER MCH 1.827.784.26



Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
BA...	1	89.01.0275	Batt, Lith., 3.6V, D 14.7*25.5	
C...	1	59.26.0470	47 uF 20%, 6.3V, SaI	Ph
C...	2	59.06.0683	68 nF 10%, 63V, PETF	
C...	3	59.06.0683	68 nF 10%, 63V, PETF	
C...	4	59.06.0683	68 nF 10%, 63V, PETF	
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, PETF	
C...	8	59.06.0683	68 nF 10%, 63V, PETF	
C...	9	59.26.2100	10 uF 20%, 16V, SaI	
C...	10	59.06.0683	68 nF 10%, 63V, PETF	
C...	11	00.00.0000	not used	
C...	12	59.06.0683	68 nF 10%, 63V, PETF	
C...	13	59.34.2330	33 pF 5%,	Ce
C...	14	59.34.2330	33 pF 5%,	Ce
C...	15	59.06.0683	68 nF 10%, 63V, PETF	
C...	16	59.06.0104	100 nF 10%, 63V, PETF	
C...	17	59.06.0222	2.2 nF 10%, 63V, PETF	
D...	1	50.04.0125	IN 4448	Fc,ITT,Ph,Ses,Tf
D...	2	50.04.0512	IN 5819	Mot
D...	3	50.04.0125	IN 4448	Fc,ITT,Ph,Ses,Tf
IC...	1	50.17.1541	74 HC 541	Mot,NS,Ph,RCA,SGS,TI,To
IC...	2	50.17.1541	74 HC 541	Mot,NS,Ph,RCA,SGS,TI,To
IC...	3	50.17.1665	74 HC 646	Mot,NS,Ph,RCA,SGS,TI,To
IC...	4	50.17.1000	74 HC 00	Mot,NS,Ph,RCA,SGS,TI,To
IC...	4	50.17.1132	74 HC 132	Mot,NS,Ph,RCA,SGS,TI,To
IC...	5	50.17.1000	74 HC 00	Mot,NS,Ph,RCA,SGS,TI,To
IC...	6	50.17.1002	74 HC 02	Mot,NS,Ph,RCA,SGS,TI,To
IC...	7	50.17.1393	74 HC 393	Mot,NS,Ph,RCA,SGS,TI,To
IC...	8	50.14.0143	74 HC 138	Hi,To
IC...	9	50.17.0004	74 HCT 04	Mot,NS,Ph,RCA,SGS,TI,To
IC...	10	00.00.0000	not used	
IC...	11	50.17.1139	74 HC 139	Mot,NS,Ph,RCA,SGS,TI,To
IC...	12	50.15.0105	MC 3487 P	DS 3487 N
IC...	13	50.17.1573	74 HC 573	Mot,NS,Ph,RCA,SGS,TI,To
IC...	14	50.11.0122	TU7705ACP	TI
IC...	14	50.11.0157	TU7705RCP	TI
IC...	15	50.14.0125	27128	HN 48271286-30
IC...	15	1.827.986.20	Software 38/89, see note 1	St
IC...	15	1.827.986.21	Software 48/89, see note 1	St
IC...	15	1.827.986.22	Software 03/90, see note 1	St
IC...	15	1.827.986.23	Software 05/91, see note 1	St
IC...	15	1.827.986.24	Software 10/92, see note 1	St
IC...	15	1.827.986.25	Software 50/92, see note 1	St
IC...	16	50.14.0125	27128	HN 48271286-30
IC...	16	1.827.986.20	Software 38/89, see note 1	St
IC...	16	1.827.986.21	Software 48/89, see note 1	St
IC...	16	1.827.986.22	Software 03/90, see note 1	St
IC...	16	1.827.986.23	Software 05/91, see note 1	St
IC...	16	1.827.986.24	Software 10/92, see note 1	St
IC...	16	1.827.986.25	Software 50/92, see note 1	St
IC...	17	50.16.0107	MC6803P-1	Mot,Hi
IC...	18	50.14.0125	27128	HN 48271286-30
IC...	18	1.827.986.20	Software 38/89, see note 1	St
IC...	18	1.827.986.21	Software 48/89, see note 1	St
IC...	18	1.827.986.22	Software 03/90, see note 1	St
IC...	18	1.827.986.23	Software 05/91, see note 1	St
IC...	18	1.827.986.24	Software 10/92, see note 1	St
IC...	18	1.827.986.25	Software 50/92, see note 1	St
JS...	1	..	see note 2	
JS...	2	..	see note 2	
JS...	3	..	see note 2	
JS...	4	..	see note 2	
JS...	5	..	see note 2	
JS...	6	..	see note 2	
JS...	7	..	see note 2	
JS...	8	..	see note 2	
JS...	9	..	see note 2	
JS...	10	..	see note 2	
JS...	11	..	see note 2	
JS...	12	..	see note 2	
JS...	13	..	see note 2	
JS...	14	..	see note 2	
JS...	15	..	see note 2	
JS...	16	..	see note 2	
JS...	17	..	see note 2	
JS...	18	..	see note 2	
MP...	1	29.21.6002		
MP...	2	29.21.6002		
F...	1	57.11.4332	3.3 kOhm	5%
F...	2	00.00.0000	not used	
F...	3	57.11.4122	1.2 kOhm	5%
F...	4	57.11.4122	1.2 kOhm	5%
F...	5	00.00.0000	not used	
F...	6	57.11.4471	470 Ohm	5%
F...	7	00.00.0000	not used	
F...	8	57.11.4472	4.7 kOhm	5%
F...	9	57.11.4472	4.7 kOhm	5%
FZ...	1	57.88.4332		see note 3
FZ...	2	57.88.4332		see note 3
FZ...	3	57.88.4332		see note 3
FZ...	4	57.88.4332		see note 3
FZ...	5	57.88.4332		see note 3
FZ...	6	57.88.4332		see note 3
FZ...	7	57.88.4332		see note 3

Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
S....	1	55.03.0122	Chicago Switch 34-550-001	
Y....	1	89.01.0560	4.9152 Mhz, +-100 ppm	
(20)	89/09/27	Software 38/89		
(21)	90/01/04	Software 48/89		
(22)	90/01/25	Software 09/90		
(23)	91/02/01	Software 05/91		
(24)	91/10/08	Same software as 05/91 suffix (23), improved reset performance.		
(25)	92/02/28	Software 10/92		
(26)	92/12/03	Software 50/92		
Note 1	IC15/16/18 : Software in set available only.			
Note 2	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 3	Network:	8 * 3.3 kOhm, 5%		
		Sicovent Nr. C09 x 3.3 k J		
		Ineltro Nr. R88 3.3 k 5%		
	Ce=Ceramic, Sa=Solid Aluminium, PETF=Polyesterfilm.			
	MANUFACTURER: Fc=Fairchild, Hi=Hitachi, ITT=Intermetall, Mot=Motorola,			
	NS=National Semiconductors, OK=OKI, Ph=Philips,			
	Ses=Secossem, Tf=Telefunken, TI=Texas Instruments.			
	1.827.784.00	MP-UNIT MASTER MCH	Wth89/02/1400	
	1.827.784.00	MP-UNIT MASTER MCH	Wth89/09/2720	
	1.827.784.00	MP-UNIT MASTER MCH	Wth90/01/0421	
	1.827.784.00	MP-UNIT MASTER MCH	Wth90/01/2522	
	1.827.784.00	MP-UNIT MASTER MCH	Wth91/02/0123	
	1.827.784.00	MP-UNIT MASTER MCH	BET91/10/0824	
	1.827.784.00	MP-UNIT MASTER MCH	Wth92/02/2825	
	1.827.784.00	MP-UNIT MASTER MCH	GP 92/12/0326	
	END			

TAPE DECK DISPLAY DRIVER BOARD 1.827.768.82



TAPE DECK DISPLAY DRIVER BOARD 1.827.768.82

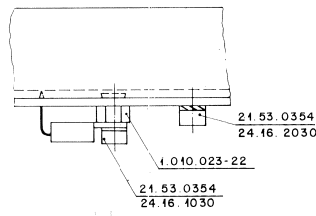
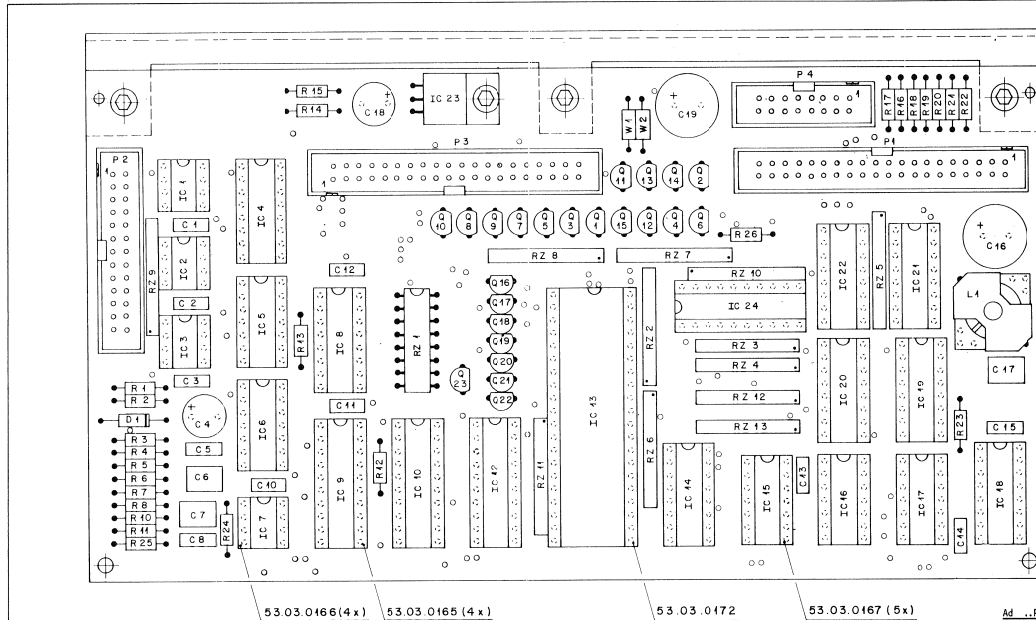


Abbildung	Abkürzung	Best.Nr.	Best.Nr.	Best.Nr.	Best.Nr.	Best.Nr.	Best.Nr.	Best.Nr.
4.1.90								
Datum	Gez.	Gepr.	Gez.	Gepr.	Gez.	Gepr.	Gez.	Gepr.

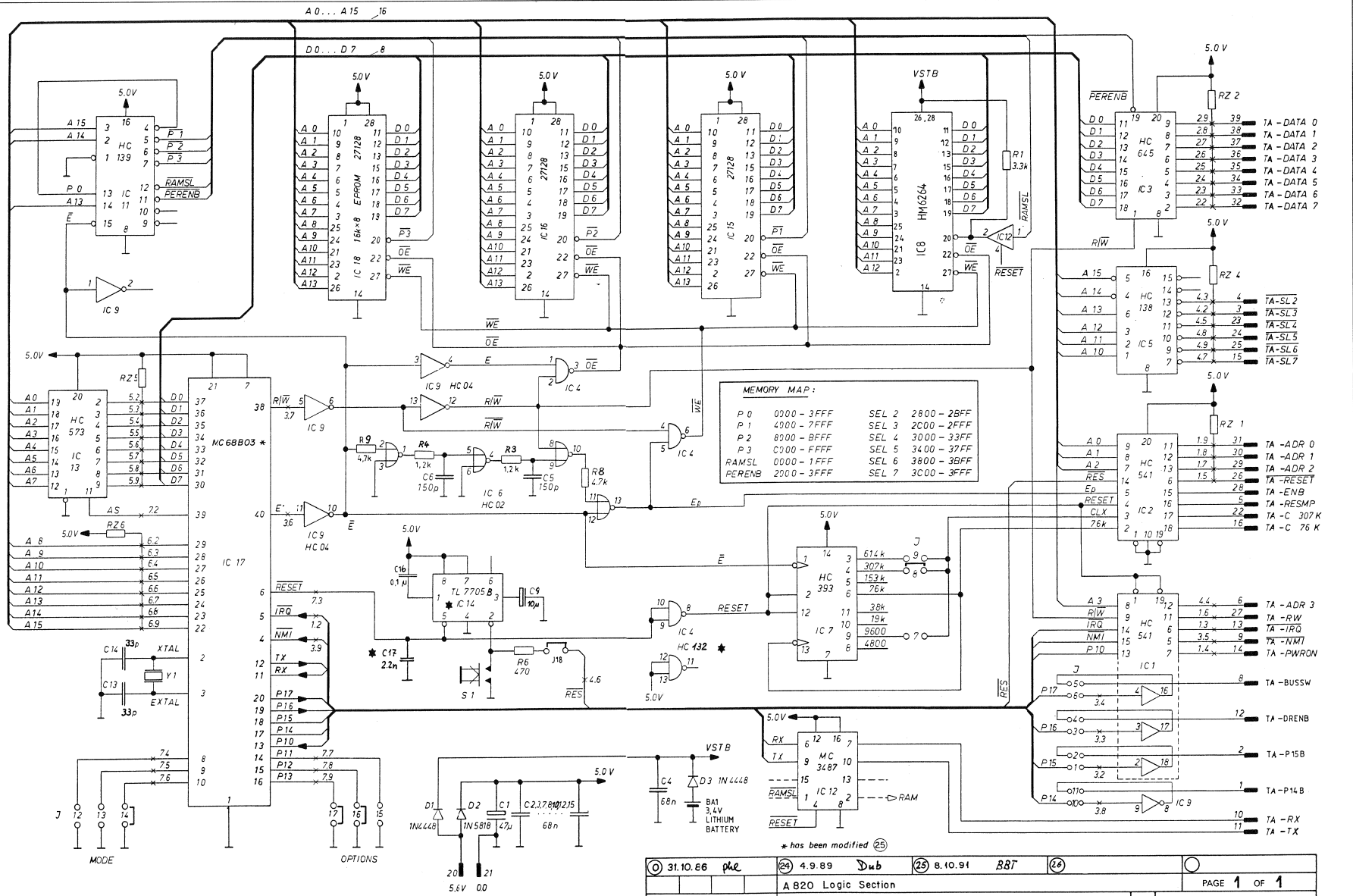
Kopie für

STUDER	REGENDOORF	ZÜRICH
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TAPE DECK DISPLAY DRIVER ESE 1.827.768.82

Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
P....3		54.14.2004		see note 1
P....4		54.14.2002		see note 3
Q....1		50.03.0352	ZTX 751 S	Fe
Q....2		50.03.0352	ZTX 751 S	Fe
Q....3		50.03.0352	ZTX 751 S	Fe
Q....4		50.03.0352	ZTX 751 S	Fe
Q....5		50.03.0352	ZTX 751 S	Fe
Q....6		50.03.0352	ZTX 751 S	Fe
Q....7		50.03.0352	ZTX 751 S	Fe
Q....8		50.03.0352	ZTX 751 S	Fe
Q....9		50.03.0352	ZTX 751 S	Fe
Q....10		50.03.0352	ZTX 751 S	Fe
Q....11		50.03.0352	ZTX 751 S	Fe
Q....12		50.03.0352	ZTX 751 S	Fe
Q....13		50.03.0352	ZTX 751 S	Fe
Q....14		50.03.0352	ZTX 751 S	Fe
Q....15		50.03.0352	ZTX 751 S	Fe
Q....16		50.03.1505	VN 0808M	Fe,Six
Q....17		50.03.1505	VN 0808M	Fe,Six
Q....18		50.03.1505	VN 0808M	Fe,Six
Q....19		50.03.1505	VN 0808M	Fe,Six
Q....20		50.03.1505	VN 0808M	Fe,Six
Q....21		50.03.1505	VN 0808M	Fe,Six
Q....22		50.03.1505	VN 0808M	Fe,Six
Q....23		50.03.1505	VN 0808M	Fe,Six
R....3		57.11.3332	3.3 kOhm	1%, 0.25W, MF
R....10		57.11.3103	10 kOhm	1%, 0.25W, MF
R....11		57.11.3103	10 kOhm	1%, 0.25W, MF
R....14		57.11.3120	12 Ohm	1%, 0.25W, MF
R....15		57.11.3120	12 Ohm	1%, 0.25W, MF
R....16		57.11.3331	330 Ohm	1%, 0.25W, MF
R....17		57.11.3331	330 Ohm	1%, 0.25W, MF
R....18		57.11.3331	330 Ohm	1%, 0.25W, MF
R....19		57.11.3331	330 Ohm	1%, 0.25W, MF
R....20		57.11.3331	330 Ohm	1%, 0.25W, MF
R....21		57.11.3331	330 Ohm	1%, 0.25W, MF
R....22		57.11.3331	330 Ohm	1%, 0.25W, MF
R....23		57.11.3332	3.3 kOhm	1%, 0.25W, MF
R....26		57.11.3339	3.3 Ohm	1%, 0.25W, MF
RZ....1		57.88.3220	Network, 8 * 22 Ohm, 2%, 01L 16	
RZ....2		57.88.4332	Network, 6 * 3.3 kOhm, 2%, SIP 9	
RZ....3		57.88.2331	Network, 4 * 330 Ohm, 2%, SIP 8	
RZ....4		57.88.2331	Network, 4 * 330 Ohm, 2%, SIP 8	
RZ....5		57.88.4332	Network, 6 * 3.3 kOhm, 2%, SIP 9	
RZ....6		57.88.4332	Network, 6 * 3.3 kOhm, 2%, SIP 9	
RZ....7		57.88.4332	Network, 6 * 3.3 kOhm, 2%, SIP 9	
RZ....8		57.88.4332	Network, 6 * 3.3 kOhm, 2%, SIP 9	
RZ....9		57.88.4332	Network, 6 * 3.3 kOhm, 2%, SIP 9	
RZ....10		57.80.4007	Network, 8 * 6.2k/3 kOhm, 2%, SIP10	
RZ....11		57.88.4332	Network, 8 * 3.3 kOhm, 2%, SIP 9	
RZ....12		57.88.2331	Network, 4 * 330 Ohm, 2%, SIP 8	
RZ....13		57.88.2331	Network, 4 * 330 Ohm, 2%, SIP 8	
W....1		00.00.0000	not used	
W....2		57.11.3000	0 Ohm Resistor or insulated wire bridge	
XIC....1		53.03.0166	8 Pole	IC Socket
XIC....2		53.03.0166	8 Pole	IC Socket
XIC....3		53.03.0166	8 Pole	IC Socket
XIC....4		53.03.0168	16 Pole	IC Socket
XIC....13		53.03.0172	40 Pole	IC Socket
XIC....14		53.03.0168	16 Pole	IC Socket
XIC....15		53.03.0167	14 Pole	IC Socket
XIC....16		53.03.0167	14 Pole	IC Socket
XIC....17		53.03.0167	14 Pole	IC Socket
XIC....18		53.03.0168	16 Pole	IC Socket
XIC....19		53.03.0168	16 Pole	IC Socket
XIC....20		53.03.0168	16 Pole	IC Socket
XIC....21		53.03.0168	16 Pole	IC Socket
XIC....22		53.03.0168	16 Pole	IC Socket
XIC....24		53.03.0165	20 Pole	IC Socket
Note 1 - Connector 40 contacts: Yamaichi Nr. FAP-40-08# Burdyr Nr. BPH 9 B 40 800 GS				
Note 2 - Connector 26 contacts: Yamaichi Nr. FAP-26-08# Burdyr Nr. BPH 9 B 25 800 GS				
Note 3 - Connector 16 contacts: Yamaichi Nr. FAP-16-08# Burdyr Nr. BPH 9 B 16 800 GS				
El=Electrolytic, PETP=Polyester, PP=Polypropylene				
MANUFACTURERS: Fc=Fairchild, Fe=Ferranti, Is=Intersil, It=Intel, Ni=Nihsubishi, Mo=Motorola, NS=National Semiconductors, Ph=Philips, RCA=RCA Corporation, SGG=SGS/Ates, Six=Siliconix, St=Studer, Tho=Thomson, TI=Texas Instruments, To=Toshiba.				
C....1		59.06.0683	68 nF	-10%, PETP
C....2		59.06.0683	68 nF	-10%, PETP
C....3		59.06.0683	68 nF	-10%, PETP
C....4		59.22.3221	220 uF	-20%, 10V, EI
C....5		59.06.0683	68 nF	-10%, PETP
C....6				not used
C....7				not used
C....8		59.06.0683	68 nF	-10%, PETP
C....11		59.06.0683	68 nF	-10%, PETP
C....12		59.06.0683	68 nF	-10%, PETP
C....13		59.06.0683	68 nF	-10%, PETP
C....14		59.06.0683	68 nF	-10%, PETP
C....15		59.06.0683	68 nF	-10%, PETP
C....16		59.22.2222	2200 uF	-20%, 6.3V, EI
C....17		59.06.0474	470 nF	-10%, PETP
C....18		59.22.6470	47 uF	-10%, 40V, EI
C....19		59.22.2222	2200 uF	-20%, 6.3V, EI
D....1		50.04.0512	1N 5818	1N 5818
IC....1		50.05.0227	SN 75462 P	SN 75462 JG, SN 75472 P
IC....2		50.05.0227	SN 75462 P	SN 75462 JG, SN 75472 P
IC....3		50.05.0227	SN 75462 P	SN 75462 JG, SN 75472 P
IC....4		50.17.1174	74 HC 174	74 HC 174, Mot,NS,Ph,RCA,SGS,TI,To
IC....5				not used
IC....6				not used
IC....7				not used
IC....8				not used
IC....9				not used
IC....10				not used
IC....11				not used
IC....12				not used
IC....13		50.16.0111	IP 8279-5	M 5 L 8279 P-5
IC....14		50.17.1259	74 HC 259	Mot,NS,Ph,RCA,SGS,TI,To
IC....15		50.17.1014	74 HC 14	Mot,NS,Ph,RCA,SGS,TI,To
IC....16		50.17.1000	74 HC 00	Mot,NS,Ph,RCA,SGS,TI,To
IC....17		50.17.1010	74 HC 10	Mot,NS,Ph,RCA,SGS,TI,To
IC....18		50.17.1138	74 HC 138	Mot,NS,Ph,RCA,SGS,TI,To
IC....19		50.06.0156	74 LS 156	Fc,NS,TI
IC....20		50.06.0156	74 LS 156	Fc,NS,TI
IC....21		50.15.0104	MC 3486 P	DS 3486 N
IC....22		50.15.0104	MC 3486 P	DS 3486 N
IC....23		50.10.0104	LM 317 T	...KC, ...SP
IC....24		50.17.7245	74ACT 245	Mot,NS,SGS,Tho,TI,RA,FA
L....1		1.022.252.00	0.32 mH	Filter Coil
P....1		54.14.2004		see note 1
P....2		54.14.2003		see note 2
1.827.768.82 TAPE DECK DISPLAY DRIVER Mch90/06/2000				

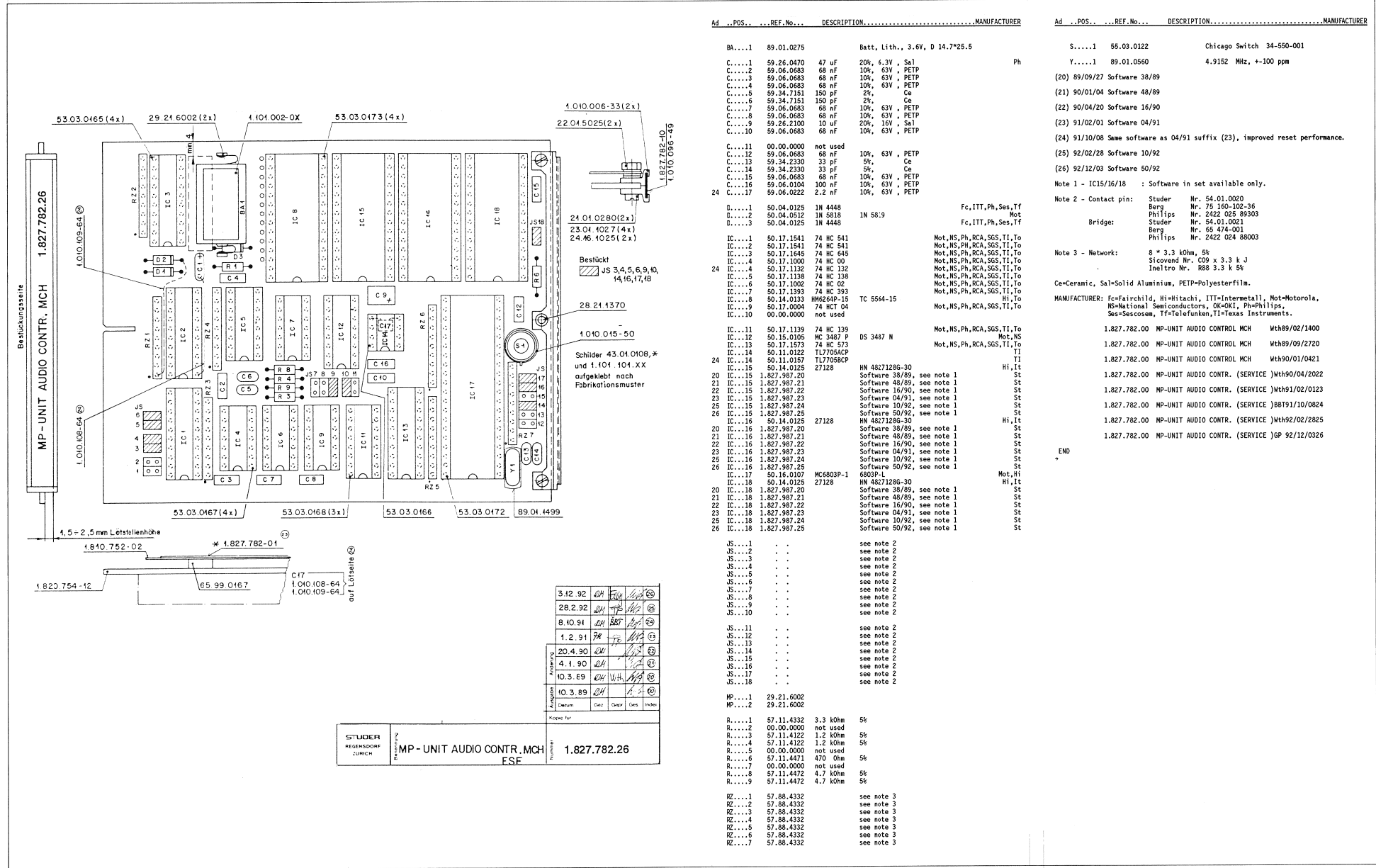
MP UNIT AUDIO CONTROL 1.827.782.26



31.10.86	phe	24	4.9.89	Dub	29	8.10.91	B87	62	
A 820 Logic Section								PAGE 1 OF 1	
STUDER				MP UNIT AUDIO CONTROL				ESE/SC 1.827.782.26	



MP UNIT AUDIO CONTROL 1.827.782.26



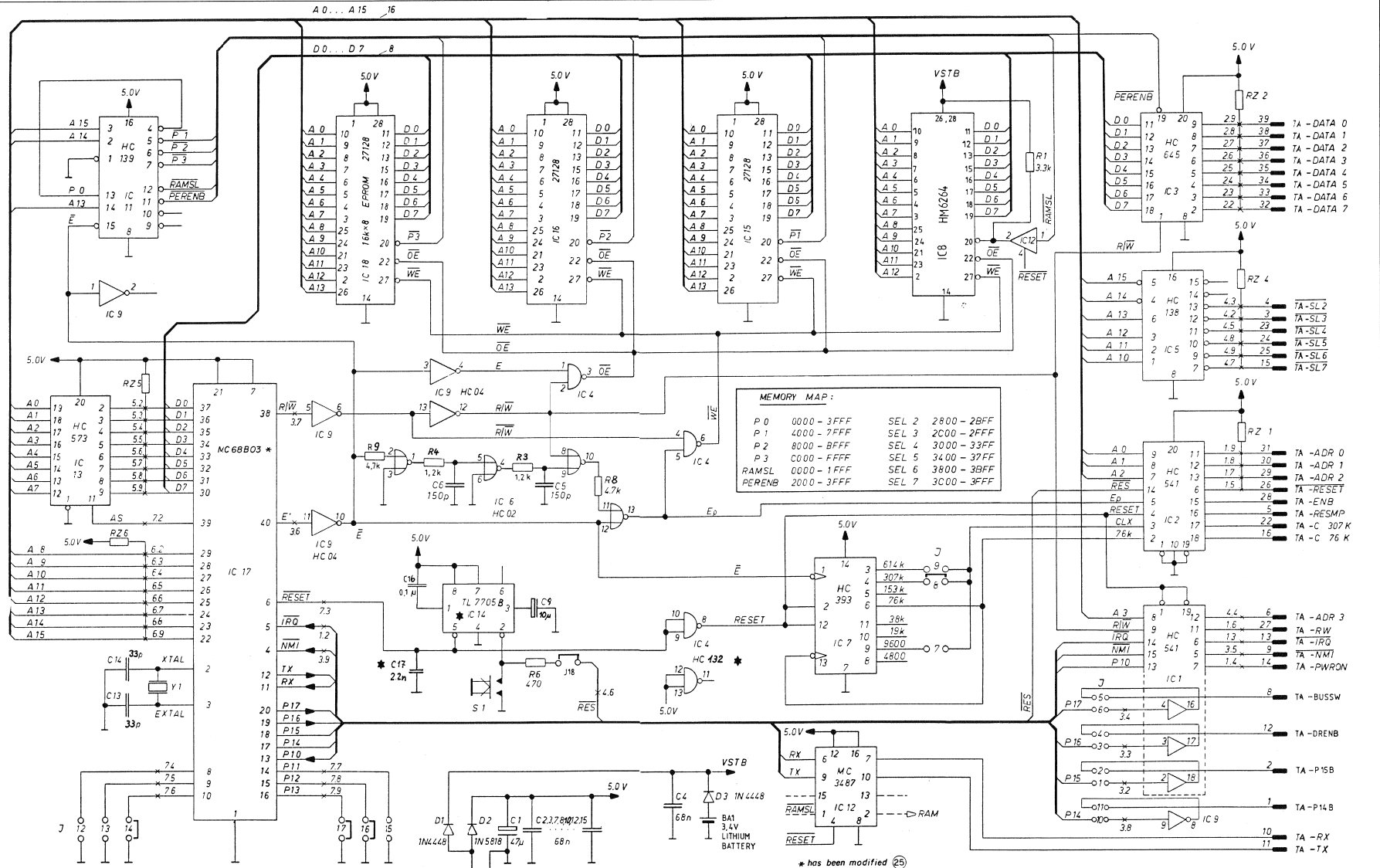
Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
BA...	1	89.01.0275	Batt, Lith., 3.6V, D 14.7*25.5	
C...	1	59.26.0470	47 uF 20%, 4.3V, Sa1	Ph
C...	2	59.06.0683	68 nF 10%, 63V, PETP	
C...	3	59.06.0683	68 nF 10%, 63V, PETP	
C...	4	59.06.0683	68 nF 10%, 63V, PETP	
C...	5	59.34.7151	150 pF 2%, Ce	
C...	6	59.34.7151	150 pF 2%, Ce	
C...	7	59.06.0683	68 nF 10%, 63V, PETP	
C...	8	59.06.0683	68 nF 10%, 63V, PETP	
C...	9	59.26.2100	10 uF 20%, 16V, Sa1	
C...	10	59.06.0683	68 nF 10%, 63V, PETP	
C...	11	00.00.0000	not used	
C...	12	59.06.0683	68 nF 10%, 63V, PETP	
C...	13	59.34.2330	33 pF 5%, Ce	
C...	14	59.34.2330	33 pF 5%, Ce	
C...	15	59.06.0683	68 nF 10%, 63V, PETP	
C...	16	59.06.0104	100 nF 10%, 63V, PETP	
C...	17	59.06.0222	2.2 nF 10%, 63V, PETP	
D...	1	50.04.0125	IN 4448	Fc,ITT,Ph,Ses,Tf
D...	2	50.04.0512	IN 5818	Mot
D...	3	50.04.0125	IN 4448	Fc,ITT,Ph,Ses,Tf
IC...	1	50.17.1541	74 HC 541	Mot,NS,Ph,RCA,SGS,TI,To
IC...	2	50.17.1541	74 HC 541	Mot,NS,Ph,RCA,SGS,TI,To
IC...	3	50.17.1646	74 HC 545	Mot,NS,Ph,RCA,SGS,TI,To
IC...	4	50.17.1000	74 HC 00	Mot,NS,Ph,RCA,SGS,TI,To
IC...	4	50.17.1132	74 HC 132	Mot,NS,Ph,RCA,SGS,TI,To
IC...	5	50.17.1388	74 HC 138	Mot,NS,Ph,RCA,SGS,TI,To
IC...	5	50.17.1002	74 HC 02	Mot,NS,Ph,RCA,SGS,TI,To
IC...	7	50.17.1393	74 HC 393	Mot,NS,Ph,RCA,SGS,TI,To
IC...	8	50.17.1573	74 HC 573	Hi,To
IC...	8	50.17.0004	74 HCT 04	TC 5544-15
IC...	10	00.00.0000	not used	Mot,NS,Ph,RCA,SGS,TI,To
IC...	11	50.17.1139	74 HC 139	Mot,NS,Ph,RCA,SGS,TI,To
IC...	12	50.15.0105	MC 3487 P	DS 3487 N
IC...	13	50.17.1573	74 HC 573	Mot,NS,Ph,RCA,SGS,TI,To
IC...	14	50.11.0122	TL7705ACP	TI
IC...	14	50.11.0157	TL7705BCP	TI
IC...	15	50.14.0125	27128	Hi,It
IC...	15	1.827.987.20	HN 48271286-30	Software 38/89, see note 1
IC...	15	1.827.987.21	Software 48/89, see note 1	St
IC...	15	1.827.987.22	Software 16/90, see note 1	St
IC...	15	1.827.987.23	Software 04/91, see note 1	St
IC...	15	1.827.987.24	Software 10/92, see note 1	St
IC...	15	1.827.987.25	Software 50/92, see note 1	St
IC...	16	50.14.0125	27128	Hi,It
IC...	16	1.827.987.20	HN 48271286-30	Software 38/89, see note 1
IC...	16	1.827.987.21	Software 48/89, see note 1	St
IC...	16	1.827.987.22	Software 16/90, see note 1	St
IC...	16	1.827.987.23	Software 04/91, see note 1	St
IC...	16	1.827.987.24	Software 10/92, see note 1	St
IC...	16	1.827.987.25	Software 50/92, see note 1	St
IC...	17	50.16.0107	MC6803P-1	Mot,Hi
IC...	18	50.14.0125	27128	Hi,It
IC...	18	1.827.987.20	HN 48271286-30	Software 38/89, see note 1
IC...	18	1.827.987.21	Software 48/89, see note 1	St
IC...	18	1.827.987.22	Software 16/90, see note 1	St
IC...	18	1.827.987.23	Software 04/91, see note 1	St
IC...	18	1.827.987.24	Software 10/92, see note 1	St
IC...	18	1.827.987.25	Software 50/92, see note 1	St

Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
S....	1	55.03.0122	Chicago Switch 34-550-001	
Y....	1	89.01.0560	4.9152 Mhz, +/-100 ppm	
(20)	89/09/27	Software 38/89		
(21)	90/01/04	Software 48/89		
(22)	90/04/20	Software 16/90		
(23)	91/02/01	Software 04/91		
(24)	91/10/08	Same software as 04/91 suffix (23), improved reset performance.		
(25)	92/02/28	Software 10/92		
(26)	92/12/03	Software 50/92		
Note 1	IC15/16/18	: Software in set available only.		
Note 2	Contact pin:	Studer Nr. 54.01.0020		
		Barg Nr. 78.160.102-36		
		Philips Nr. 2422.025.89303		
	Bridge:	Studer Nr. 54.01.0021		
		Barg Nr. 65.474-001		
		Philips Nr. 2422.024.88003		
Note 3	Network:	8 * 3.3 kOhm, 5k		
		Sicovend Nr. C09 x 3.3 k J		
		Ineltro Nr. R88 3.3 k 5k		
		Ce=Ceramic, Sa=Solid Aluminium, PETP=Polyesterfilm.		
		MANUFACTURER: Fc=Fairchild, Hi=Hitachi, ITT=Intermetall, Mot=Motorola,		
		NS=National Semiconductors, OK=OKI, Ph=Philips,		
		Ses=Secoscom, Tf=Telefunken, TI=Texas Instruments.		
		1.827.782.00 MP-UNIT AUDIO CONTROL MCH Wth89/02/1400		
		1.827.782.00 MP-UNIT AUDIO CONTROL MCH Wth89/09/2720		
		1.827.782.00 MP-UNIT AUDIO CONTROL MCH Wth90/01/0421		
		1.827.782.00 MP-UNIT AUDIO CONTR. (SERVICE) Wth89/02/2022		
		1.827.782.00 MP-UNIT AUDIO CONTR. (SERVICE) Wth91/02/0123		
		1.827.782.00 MP-UNIT AUDIO CONTR. (SERVICE) Wth91/10/0824		
		1.827.782.00 MP-UNIT AUDIO CONTR. (SERVICE) Wth92/02/2825		
		1.827.782.00 MP-UNIT AUDIO CONTR. (SERVICE) GP 92/12/0326		
		END		

Part No.	QTY	UNIT	REVISION	DATE	BY
3.12.92	1	EW	1	12.92	EW
28.2.92	1	EW	1	28.2.92	EW
8.10.91	1	EW	1	8.10.91	EW
1.2.91	1	PH	1	1.2.91	PH
20.4.90	1	EW	1	20.4.90	EW
4.1.90	1	EW	1	4.1.90	EW
10.3.89	1	EW	1	10.3.89	EW
10.3.89	1	EW	1	10.3.89	EW

STUDER REGENSDORF ZURICH	MP-UNIT AUDIO CONTR. MCH ESF	1.827.782.26
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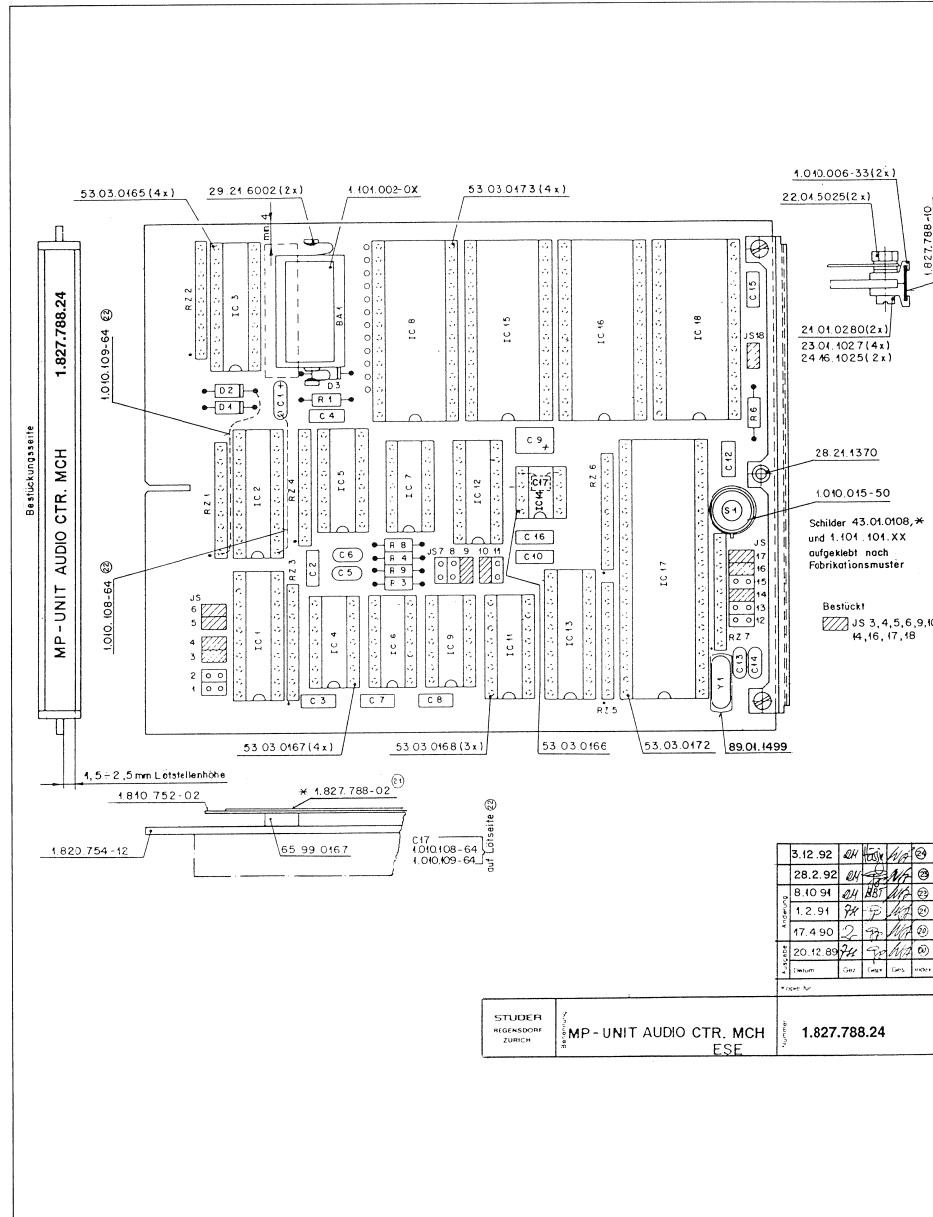
MP UNIT AUDIO CONTROL 1.827.788.24



31.10.86	4.9.89	8.10.91	
A B20 Logic Section			PAGE 1 OF 1
STUDER		MP UNIT AUDIO CONTROL	ESE/SC 1.827.788.24



MP UNIT AUDIO CONTROL 1.827.788.24

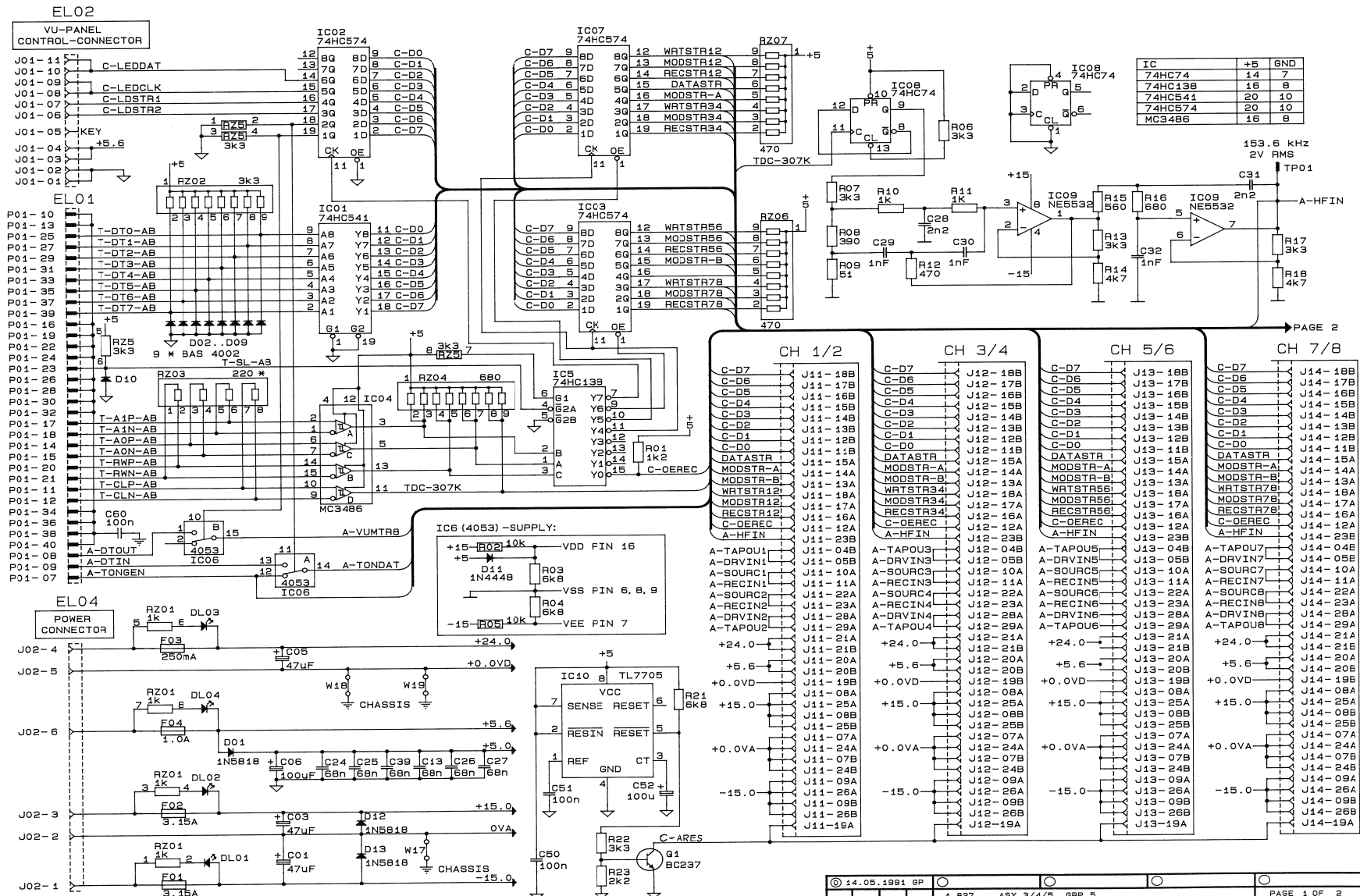


Ad	.POS.	.REF.No.	DESCRIPTION	MANUFACTURER
Ba....1		89.01.0275	Batt, Lith., 3.6V, D 14.7*25.5	
C.....1		59.26.0470	47 uF	Ph
C.....2		59.06.0683	68 nF	10%, 53V, PETP
C.....3		59.06.0683	68 nF	10%, 53V, PETP
C.....4		59.06.0683	68 nF	10%, 53V, PETP
C.....5		59.34.7151	150 pF	2%, Ce
C.....6		59.34.7151	150 pF	2%, Ce
C.....7		59.06.0683	68 nF	10%, 53V, PETP
C.....8		59.06.0683	68 nF	10%, 53V, PETP
C.....9		59.26.2100	10 uF	20%, 16V, Sal
C.....10		59.06.0683	68 nF	10%, 53V, PETP
C.....11		00.00.0000	not used	
C.....12		59.06.0683	68 nF	10%, 53V, PETP
C.....13		59.34.2330	33 pF	5%, Ce
C.....14		59.34.2330	33 pF	5%, Ce
C.....15		59.06.0683	68 nF	10%, 53V, PETP
C.....16		59.06.0104	100 nF	10%, 63V, PETP
C.....17		59.06.0222	2.2 nF	10%, 63V, PETP
D.....1		50.04.0125	1N 4448	Fc,ITT,Ph,Ses,Tf
D.....2		50.04.0512	1N 5818	Not
D.....3		50.04.0125	1N 4448	Fc,ITT,Ph,Ses,Tf
IC.....1		50.17.1541	74 HC 541	Mot,NS,Ph,RCA,SGS,TI,To
IC.....2		50.17.1541	74 HC 541	Mot,NS,Ph,RCA,SGS,TI,To
IC.....3		50.17.1645	74 HC 645	Mot,NS,Ph,RCA,SGS,TI,To
IC.....4		50.17.1000	74 HC 00	Mot,NS,Ph,RCA,SGS,TI,To
IC.....5		50.17.1122	74 HC 132	Mot,NS,Ph,RCA,SGS,TI,To
IC.....6		50.17.1138	74 HC 138	Mot,NS,Ph,RCA,SGS,TI,To
IC.....7		50.17.1002	74 HC 02	Mot,NS,Ph,RCA,SGS,TI,To
IC.....8		50.17.1393	74 HC 393	Mot,NS,Ph,RCA,SGS,TI,To
IC.....9		50.14.0133	HM5264P-15	Hi,To
IC.....10		50.17.0004	74 HCT 04	Mot,NS,Ph,RCA,SGS,TI,To
IC.....11		00.00.0000	not used	
IC.....12		50.17.1139	74 HC 139	Mot,NS,Ph,RCA,SGS,TI,To
IC.....13		50.15.0105	MC 3487 P	Mot,NS
IC.....14		50.17.1573	74 HC 573	Mot,NS,Ph,RCA,SGS,TI,To
IC.....15		50.11.0122	TL7705ACP	TI
IC.....16		50.11.0127	TL7705BCP	TI
IC.....17		50.14.0125	27128	HN 48271286-30
IC.....18		1.827.989.20	Software 16/90, see note 1	St
IC.....19		1.827.989.21	Software 05/91, see note 1	St
IC.....20		1.827.989.22	Software 10/92, see note 1	St
IC.....21		1.827.989.23	Software 50/92, see note 1	St
IC.....22		50.14.0125	27128	HN 48271286-30
IC.....23		1.827.989.20	Software 16/90, see note 1	St
IC.....24		1.827.989.21	Software 05/91, see note 1	St
IC.....25		1.827.989.22	Software 10/92, see note 1	St
IC.....26		1.827.989.23	Software 50/92, see note 1	St
IC.....27		50.16.0107	MC6803P-1	Mot,Hi
IC.....28		50.14.0125	27128	HN 48271286-30
IC.....29		1.827.989.20	Software 16/90, see note 1	St
IC.....30		1.827.989.21	Software 05/91, see note 1	St
IC.....31		1.827.989.22	Software 10/92, see note 1	St
IC.....32		1.827.989.23	Software 50/92, see note 1	St
JS.....1				see note 2
JS.....2				see note 2
JS.....3				see note 2
JS.....4				see note 2
JS.....5				see note 2
JS.....6				see note 2
JS.....7				see note 2
JS.....8				see note 2
JS.....9				see note 2
JS.....10				see note 2
JS.....11				see note 2
JS.....12				see note 2
JS.....13				see note 2
JS.....14				see note 2
JS.....15				see note 2
JS.....16				see note 2
JS.....17				see note 2
JS.....18				see note 2
MP.....1		29.21.6002		
MP.....2		29.21.6002		
F.....1		57.11.4332	3.3 kOhm	5k
F.....2		00.00.0000	not used	5k
F.....3		57.11.4122	1.2 kOhm	5k
F.....4		57.11.4122	1.2 kOhm	5k
F.....5		00.00.0000	not used	5k
F.....6		57.11.4471	470 Ohm	5k
F.....7		00.00.0000	not used	5k
F.....8		57.11.4472	4.7 kOhm	5k
F.....9		57.11.4472	4.7 kOhm	5k
FZ.....1		57.88.4332		see note 3
FZ.....2		57.88.4332		see note 3
FZ.....3		57.88.4332		see note 3
FZ.....4		57.88.4332		see note 3
FZ.....5		57.88.4332		see note 3
FZ.....6		57.88.4332		see note 3
FZ.....7		57.88.4332		see note 3
S.....1		55.03.0122	Chicago Switch	34-550-001
Y.....1		89.01.0560	4.9152 MHz, +-100 ppm	

Ad	.POS.	.REF.No.	DESCRIPTION	MANUFACTURER
(21)	91/02/01		Software 05/91	
(22)	91/10/08		Same software as 05/91 suffix (21), improved reset performance.	
(23)	92/02/28		Software 10/92	
(24)	92/12/03		Software 50/92	
Note 1	-	IC15/16/18	Software in set available only.	
Note 2	-	Contact pin:	Studer Nr. 54.01.0020 Berg Nr. 75.160-102-36 Philips Nr. 2422 025 89303 Studer Nr. 54.01.0021 Berg Nr. 65.474-001 Philips Nr. 2422 024 88003	
Note 3	-	Network:	8 * 3.3 kOhm, 5k Slovend Nr. C09 x 3.3 k J Ineltr Nr. 888 3.3 k 5k	
Ce=Ceramic, Sal=Solid Aluminium, PETP=Polyesterfilm.				
MANUFACTURER: Fc=Fairchild, Hi=Hitachi, ITT=Intermetall, Mot=Motorola, NS=National Semiconductors, OK=OKI, Ph=Philips, Ses=Seosocem, Tf=Telefunken, TI=Texas Instruments.				
		1.827.788.00	MP-UNIT AUDIO CONTROL MCH	Mth89/12/2000
		1.827.788.00	MP-UNIT AUDIO CONTROL MCH	Mth90/04/1720
		1.827.788.00	MP-UNIT AUDIO CONTROL MCH	Mth91/02/0121
		1.827.788.00	MP-UNIT AUDIO CONTROL MCH	Mth91/10/0822
		1.827.788.00	MP-UNIT AUDIO CONTROL MCH	Mth92/02/2823
		1.827.788.00	MP-UNIT AUDIO CONTROL MCH	GP 92/12/0324

END

AUDIO BASIS BOARD MCH 1.827.700.83



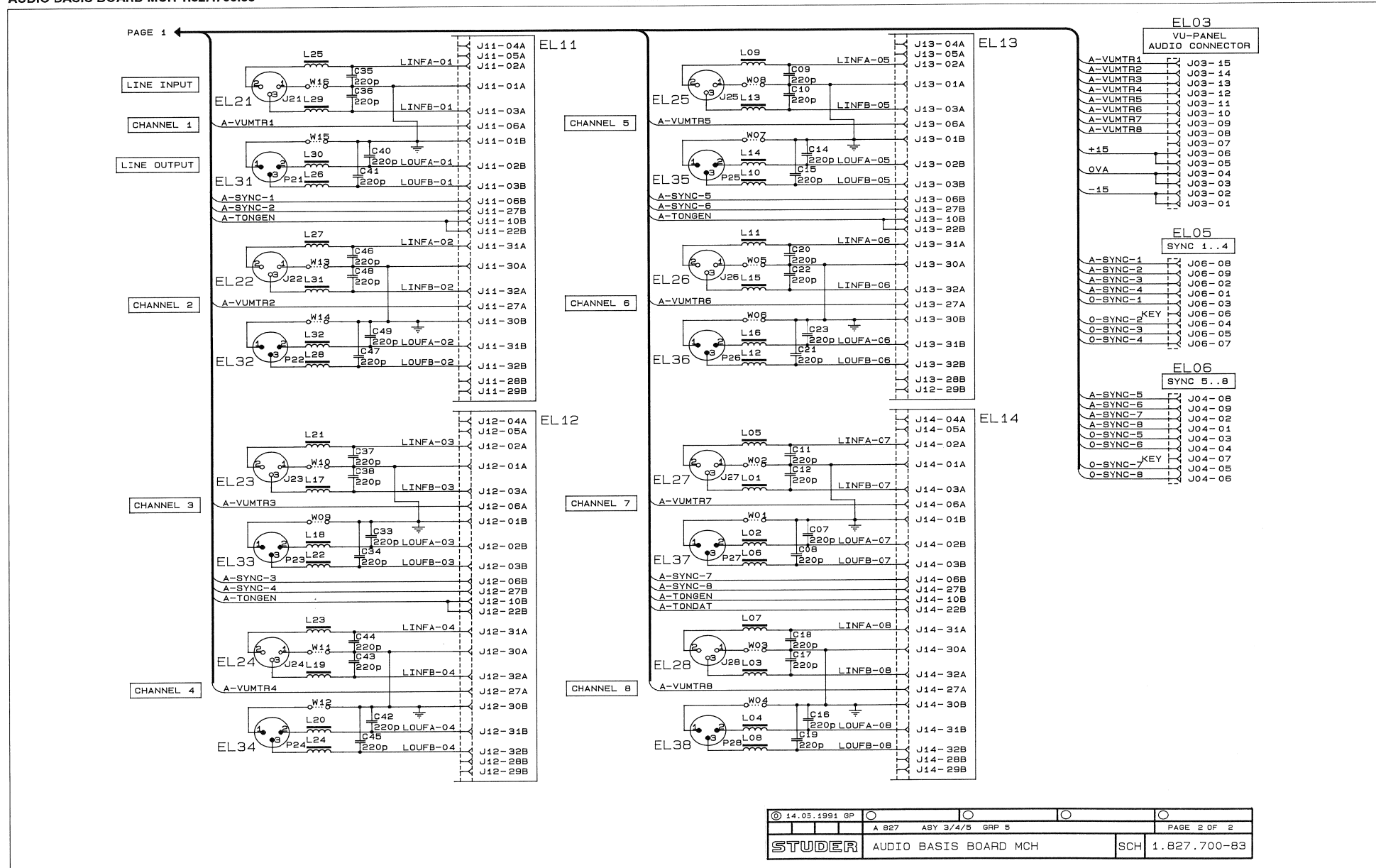
PAGE 2

© 14.05.1991 EP	A 827	ASY 3/4/5	GRP 5	PAGE 1 OF 2
STUDER		AUDIO BASIS BOARD MCH		SCH 1.827.700-83

* RZ03 is 1kOhm for 1.827.700.00

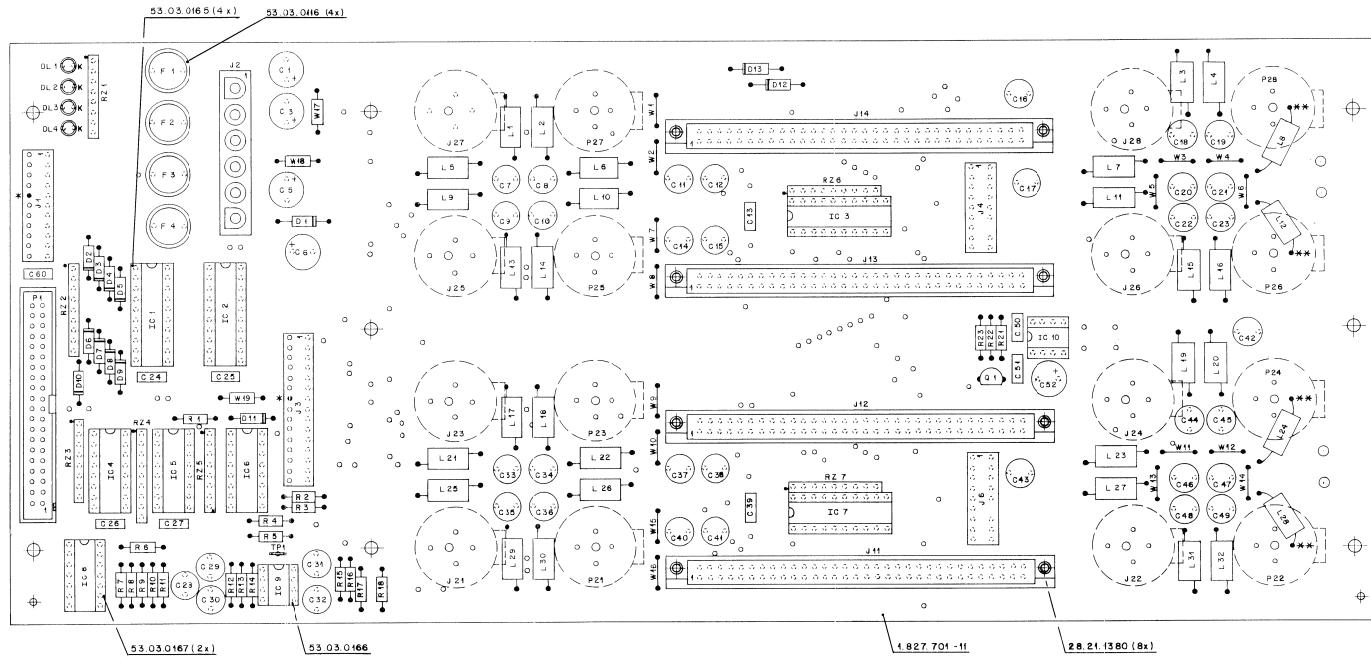


AUDIO BASIS BOARD MCH 1.827.700.83





AUDIO BASIS BOARD MCH 1.827.700.83



STUDER
HERZOGENTORF
ZÜRICH

PROJEKT
BASIS BOARD
AUDIO 8-CH
ESE

NUMMER
1.827.700-83

1.4.93	74	7P	47	1
5.9.91	116	7P	47	1
DATEI	NAME	GRÖSSE	ORIG	NUMMER

Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
C....1	59.22.6470	47 uF	-20% 40V Alu	
C....3	59.22.6470	47 uF	-20% 40V Alu	
C....5	59.22.6470	47 uF	-20% 40V Alu	
C....6	59.22.5101	100 uF	-20% 25V Alu	
C....7	59.05.1221	220 pF	1% 630V PP	
C....8	59.05.1221	220 pF	1% 630V PP	
C....9	59.05.1221	220 pF	1% 630V PP	
C....10	59.05.1221	220 pF	1% 630V PP	
C....11	59.05.1221	220 pF	1% 630V PP	
C....12	59.05.1221	220 pF	1% 630V PP	
C....13	59.06.0683	68 nF	10% 50V PETP	
C....14	59.05.1221	220 pF	1% 630V PP	
C....15	59.05.1221	220 pF	1% 630V PP	
C....16	59.05.1221	220 pF	1% 630V PP	
C....17	59.05.1221	220 pF	1% 630V PP	
C....18	59.05.1221	220 pF	1% 630V PP	
C....19	59.05.1221	220 pF	1% 630V PP	
C....20	59.05.1221	220 pF	1% 630V PP	
C....21	59.05.1221	220 pF	1% 630V PP	
C....22	59.05.1221	220 pF	1% 630V PP	
C....23	59.05.1221	220 pF	1% 630V PP	
C....24	59.06.0683	68 nF	10% 50V PETP	
C....25	59.06.0683	68 nF	10% 50V PETP	
C....26	59.06.0683	68 nF	10% 50V PETP	
C....27	59.06.0683	68 nF	10% 50V PETP	
C....28	59.05.1222	2.2 nF	1% 160V PP	
C....29	59.05.1102	1 nF	1% 160V PP	
C....30	59.05.1102	1 nF	1% 160V PP	
C....31	59.05.1222	2.2 nF	1% 160V PP	
C....32	59.05.1102	1 nF	1% 160V PP	
C....33	59.05.1221	220 pF	1% 630V PP	
C....34	59.05.1221	220 pF	1% 630V PP	
C....35	59.05.1221	220 pF	1% 630V PP	
C....36	59.05.1221	220 pF	1% 630V PP	
C....37	59.05.1221	220 pF	1% 630V PP	
C....38	59.05.1221	220 pF	1% 630V PP	
C....39	59.06.0683	68 nF	10% 50V PETP	
C....40	59.05.1221	220 pF	1% 630V PP	
C....41	59.05.1221	220 pF	1% 630V PP	
C....42	59.05.1221	220 pF	1% 630V PP	
C....43	59.05.1221	220 pF	1% 630V PP	
C....44	59.05.1221	220 pF	1% 630V PP	
C....45	59.05.1221	220 pF	1% 630V PP	
C....46	59.05.1221	220 pF	1% 630V PP	
C....47	59.05.1221	220 pF	1% 630V PP	
C....48	59.05.1221	220 pF	1% 630V PP	
C....49	59.05.1221	220 pF	1% 630V PP	
C....50	59.06.0104	100 nF	10% 50V PETP	
C....51	59.06.0104	100 nF	10% 50V PETP	
C....52	59.22.5101	100 uF	-20% 25V Alu	
C....60	59.06.0104	100 nF	10% 50V PETP	
D....1	50.04.0512	IN5818	30 V Schottky	Hot
D....2	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....3	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....4	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....5	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....6	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....7	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....8	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....9	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....10	50.04.0127	BAT 85	BAT 42, BAS 4002	Ph,Stie,Tho
D....11	50.04.0125	1M448	50 V, 0.15 A	
D....12	50.04.0512	IN5818	30 V Schottky	Hot
D....13	50.04.0512	IN5818	30 V Schottky	Hot
DL....1	50.04.2129	LS3160	LED red d=3 mm	GI
DL....2	50.04.2129	LS3160	LED red d=3 mm	GI
DL....3	50.04.2129	LS3160	LED red d=3 mm	GI
DL....4	50.04.2129	LS3160	LED red d=3 mm	GI
F....1	51.01.0122	3.15 A	Fuse 5 * 20	
F....2	51.01.0122	3.15 A	Fuse 5 * 20	
F....3	51.01.0111	250 mA	Fuse 5 * 20	
F....4	51.01.0117	1.0 A	Fuse 5 * 20	
IC....1	50.17.1541	74HC541	Octal Bus Driver	tri
IC....2	50.17.1574	74HC574	Octal D-Flip-Flop	tri
IC....3	50.17.1574	74HC574	Octal D-Flip-Flop	tri
IC....4	50.15.0104	MC34860	Quad Line Receiver	tri
IC....5	50.17.1138	74HC138	3-to-8-Line Decoder	
IC....6	50.07.0015	MC14053	Triple 2-Channel Analog Switch	Hot
IC....7	50.17.1574	74HC574	Octal D-Flip-Flop	tri
IC....8	50.17.1074	74HC74	Dual D-Flip-Flop	
IC....9	50.09.0105	NE 5532	Dual OpAmp	
IC....10	50.11.0122	TL 7705	Reset-Generator	TI
J....1	54.01.0291	11-pole	CIS Socket Strip	AMP
J....2	54.25.0006	6-pole	Power Connector	AMP
J....3	54.01.0219	15-pole	CIS Socket Strip	AMP
J....4	54.01.0235	9-pole	CIS Socket Strip	AMP
J....6	54.01.0235	9-pole	CIS Socket Strip	AMP
J....11	54.11.2005	2*32-pole	Eurocard-Connector Print	
J....12	54.11.2005	2*32-pole	Eurocard-Connector Print	
J....13	54.11.2005	2*32-pole	Eurocard-Connector Print	
J....14	54.11.2005	2*32-pole	Eurocard-Connector Print	
J....21	54.21.2002	3-pole	XLR-Connector female	Neu
J....22	54.21.2002	3-pole	XLR-Connector female	Neu

* Codierung: Schellblech 64.04.0108 ø0,8 x 8mm
(muss 1mm vorstehen)

Schilder 1.827.700-01 / 43.040108
aufgeblät nach Fabrikationsmuster.

J 21 - J 28
P 24 - P 28 nicht bestückt

Ⓢ ** Dieser Anschluss der Drossel wird
erst in 1.827.715-82 angeflötet.



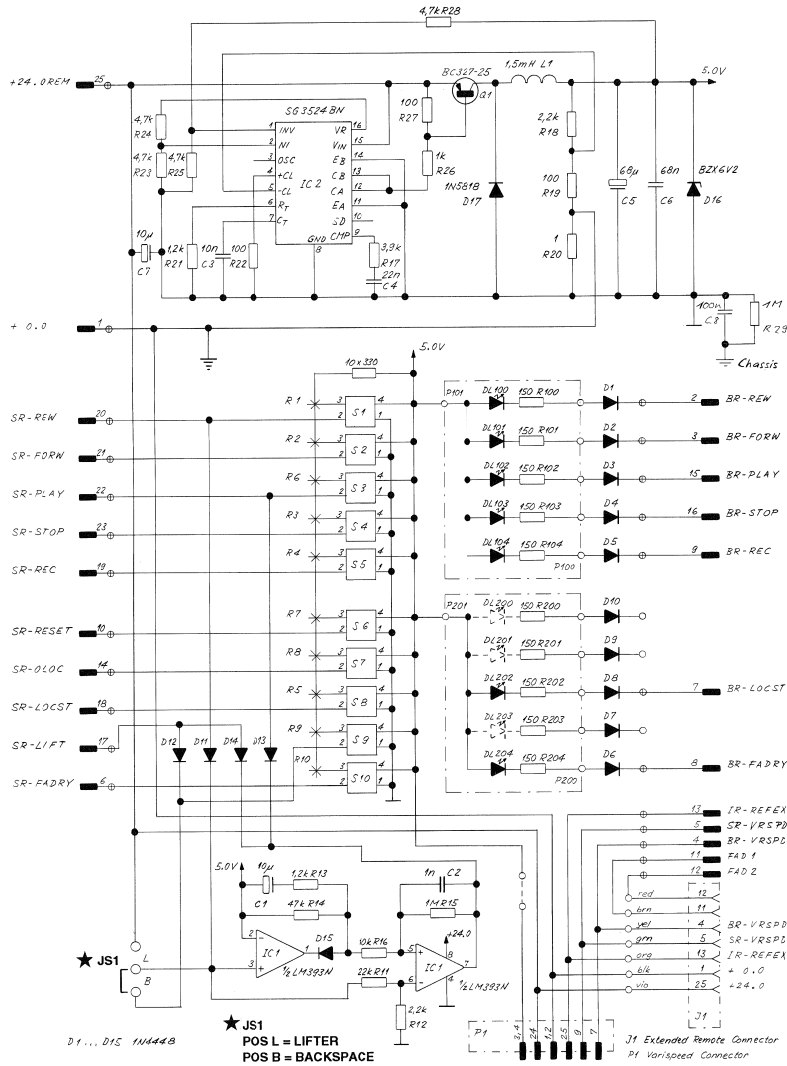
AUDIO BASIS BOARD MCH 1.827.700.83

Ad	..POS..	..REF.No..	DESCRIPTION.....	MANUFACTURER	Ad	..POS..	..REF.No..	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	53.03.0165	20-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	53.03.0167	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 2.25 * 6.5						
MP....2	43.01.0108	1 pce	ESE Warning 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	3-pole	XLR-Connector male	Neu					
P....22	54.21.2001	3-pole	XLR-Connector male	Neu					
P....23	54.21.2001	3-pole	XLR-Connector male	Neu					
P....24	54.21.2001	3-pole	XLR-Connector male	Neu					
P....25	54.21.2001	3-pole	XLR-Connector male	Neu					
P....26	54.21.2001	3-pole	XLR-Connector male	Neu					
P....27	54.21.2001	3-pole	XLR-Connector male	Neu					
P....28	54.21.2001	3-pole	XLR-Connector male	Neu					
Q....1	50.03.0436	BC 237 B	BC 547 B						
R....1	57.11.3122	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	57.11.3103	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	57.11.3472	4.7 kOhm	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	4.7 kOhm	1%, 0.25W, MF						
R....21	57.11.3682	6.8 kOhm	1%, 0.25W, MF						
R....22	57.11.3332	3.3 kOhm	1%, 0.25W, MF						
R....23	57.11.3222	2.2 kOhm	1%, 0.25W, MF						
RZ....1	57.88.2102	4*1.0kOhm	5%, Single Line						
RZ....2	57.88.4332	8*3.3kOhm	5%, Single Line						
RZ....3	57.88.2221	4*220 Ohm	5%, Single Line						
RZ....4	57.88.4881	8*680 Ohm	5%, Single Line						
RZ....5	57.88.2332	4*3.3kOhm	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						

FP= Polypropylen, PET= Polyester, tri= Tri-State Output
 MF= Metal Film
 MANUFACTURER: Mot= Motorola, Ph= Philips, Sie= Siemens, Tho= Thomson-SGS
 GI= General Instruments, Neu= Neutrik, ST= STUDER
 TI= Texas Instruments
 1.827.700.83 AUDIO BASIS BOARD 8-CH GP 91/06/0300

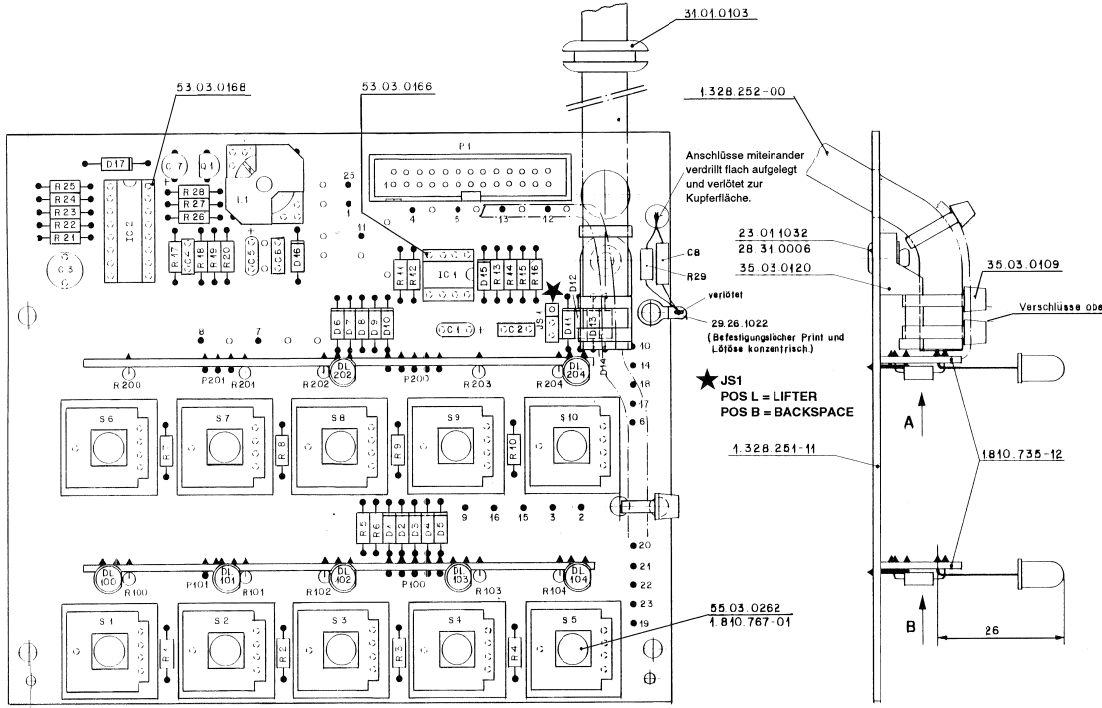
END

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

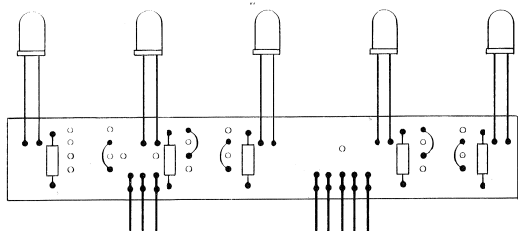


142.94 ML									
PAGE 1 OF 1									
STUDER TAPE DECK REMOTE CONTROL			SC	1.328.251-81					

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



31.04.0103
 1.328.252-00
 Anschlüsse miteinander verdreht flach aufgelegt und verschleißt zur Kupferfläche.
 23.01.1032
 28.31.0006
 35.03.0120
 verschleißt
 28.28.1022 (Befestigungsleiste Print und Lötöse konzentrisch)
 ★ JS1
 POS L = LIFTER
 POS B = BACKSPACE
 1.328.251-11
 1810.735-12
 Verschleißt oben
 55.03.0262
 1.840.767-01



Ansicht A + B
 A nur 2 DL und 2 Drahtbrücken bestückt.

Abmessung	(15)
26.1.94	(15)
Datum	(15)
Gezeichnet	(15)
Geprüft	(15)
Gezeichnet	(15)
Geprüft	(15)

STUDER RESEARCH BUNCH	TAPE DECK REMOTE CONTROL BOARD	ESE	1.328.251-81
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Ad	POS	REF.No	DESCRIPTION	MANUFACTURER
DL..201			not used	
DL..202	50.04.2112	MW5353	CM4-584B, HLMF-3401	CM,GI,HP
DL..203		not used		
DL..204	50.04.2112	MW5353	CM4-584B, HLMF-3401	CM,GI,HP
IC...1	50.05.0283	LH933M		NS,Tho,II
IC...2	50.05.0279	SG3524BN		SG
JS...1			See note 1	
L...1	1.022.197.00	1.5 mH		St
P...1	54.14.2003	26 cont.	See note 2	
P...100	54.01.0269	5 cont.	AMP Nr. 163.740-3	
P...101	54.01.0227	3 Cont.	AMP Nr. 163.740-1	
P...200	54.01.0269	5 cont.	AMP Nr. 163.740-3	
P...201	54.01.0227	3 cont.	AMP Nr. 163.740-1	
Q...1	50.03.0351	BC327-25		ITT,Ph,Stie
R...1	57.11.3331	330 Ohm		
R...2	57.11.3331	330 Ohm		
R...3	57.11.3331	330 Ohm		
R...4	57.11.3331	330 Ohm		
R...5	57.11.3331	330 Ohm		
R...6	57.11.3331	330 Ohm		
R...7	57.11.3331	330 Ohm		
R...8	57.11.3331	330 Ohm		
R...9	57.11.3331	330 Ohm		
R...10	57.11.3331	330 Ohm		
R...11	57.11.3223	22 kOhm		
R...12	57.11.3222	2.2 kOhm		
R...13	57.11.3122	1.2 kOhm		
R...14	57.11.3473	47 kOhm		
R...15	57.11.3105	1 MOhm		
R...16	57.11.3103	10 kOhm		
R...17	57.11.3392	3.9 kOhm		
R...18	57.11.3222	2.2 kOhm		
R...19	57.11.3101	100 Ohm		
R...20	57.11.3109	1 Ohm		
R...21	57.11.3122	1.2 kOhm		
R...22	57.11.3101	100 Ohm		
R...23	57.11.3472	4.7 kOhm		
R...24	57.11.3472	4.7 kOhm		
R...25	57.11.3472	4.7 kOhm		
R...26	57.11.3102	1 kOhm		
R...27	57.11.3101	100 Ohm		
R...28	57.11.3472	4.7 kOhm		
R...29	57.11.3105	1 MOhm		
R...100	57.11.3151	150 Ohm		
R...101	57.11.3151	150 Ohm		
R...102	57.11.3151	150 Ohm		
R...103	57.11.3151	150 Ohm		
R...104	57.11.3151	150 Ohm		
R...200	57.11.3151	150 Ohm		
R...201	57.11.3151	150 Ohm		
R...202	57.11.3151	150 Ohm		
R...203	57.11.3151	150 Ohm		
R...204	57.11.3151	150 Ohm		

Ad	POS	REF.No	DESCRIPTION	MANUFACTURER
C...1	59.26.2100	10 uF	20%, 16V, Sa1	Ph
C...2	59.06.5102	1 nF	5%, PETP	
C...3	59.05.1103	10 nF	1%, Pp	
C...4	59.06.0283	22 nF	10%, PETP	
C...5	59.26.0680	68 uF	20%, 6.3V, Sa1	Ph
C...6	59.06.0683	68 nF	20%, PETP	
C...7	59.22.5100	10 uF	-10%, 40V, EI	
C...8	59.03.2104	100 nF		
D...1	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...2	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...3	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...4	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...5	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...6	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...7	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...8	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...9	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...10	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...11	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...12	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...13	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...14	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...15	50.04.0125		IN4448	Fc,ITT,Ph,Ses,Tf
D...16	50.04.1118	6.2 V Z	BZX83C 6.2, BZX55C 6.2, ZPD 6.2	ITT,Ses
D...17	50.04.0512		1N5818	ITT,Ses
DL..100	50.04.2112	MW5353	CM4-584B, HLMF-3401	CM,GI,HP
DL..101	50.04.2112	MW5353	CM4-584B, HLMF-3401	CM,GI,HP
DL..102	50.04.2112	MW5353	CM4-584B, HLMF-3401	CM,GI,HP
DL..103	50.04.2112	MW5353	CM4-584B, HLMF-3401	CM,GI,HP
DL..104	50.04.2111	MW5763	CM4-244B, HLMF-3301	CM,GI,HP
DL..200			not used	

S...1 See note 3
 S...2 See note 3
 S...3 See note 3
 S...4 See note 3
 S...5 See note 3
 S...6 See note 3
 S...7 See note 3
 S...8 See note 3
 S...9 See note 3
 S...10 See note 3

Note 1 - Contact pin: Studer 54.01.0020, Berg 75 160-102-36
 Bridge: Studer 54.01.0021, Philips 2422 024 88003

Note 2 - Connector: Yamaha FAP-26-08//4, Burndy BPH 9 B 26 B00 GS

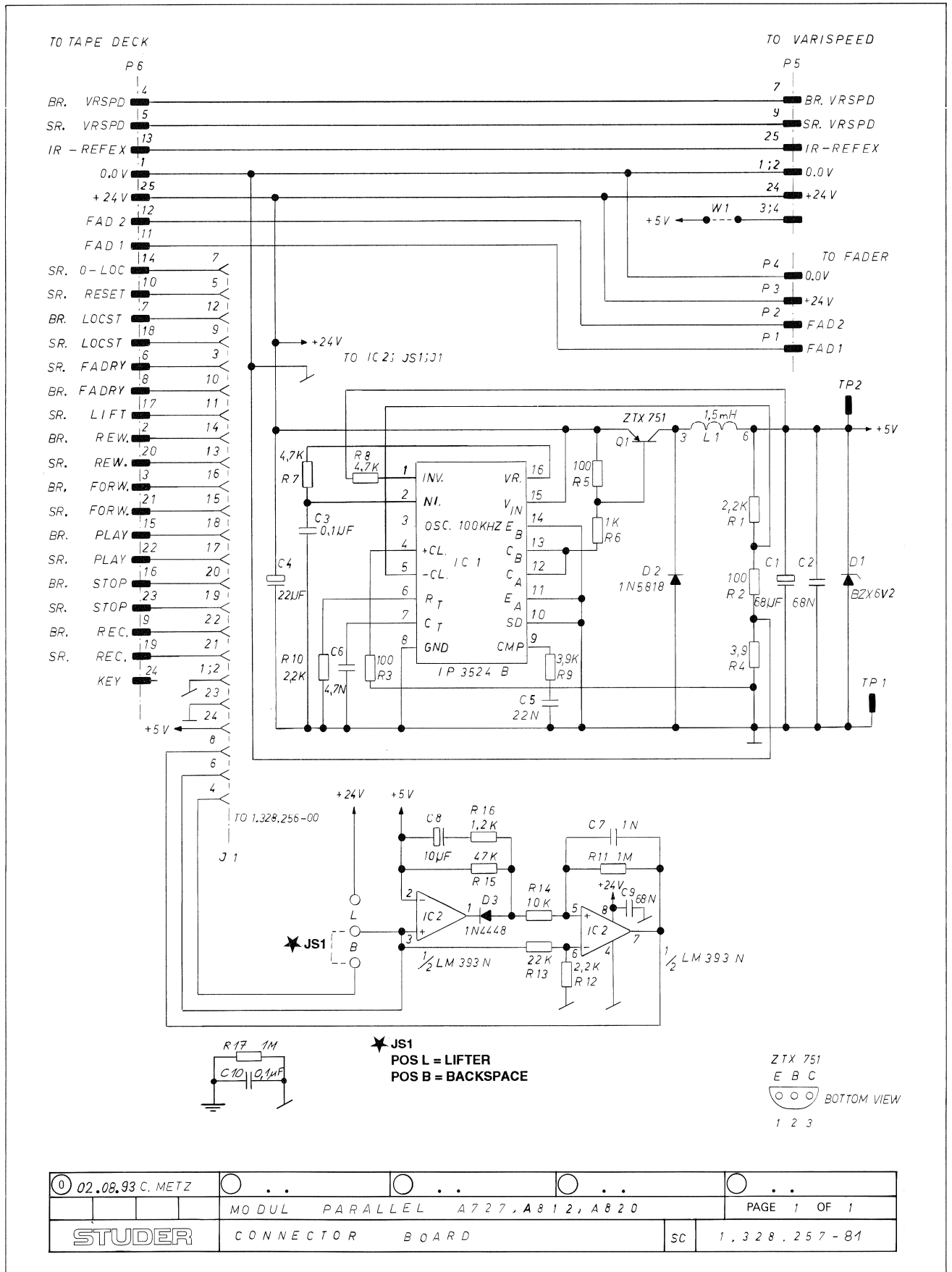
Note 3 - Switch: Studer 55.03.0261, Refi 3.13001.110
 Extender: Studer 55.03.0262, Refi 5.55101.690

C=Ceramic, EI=Electrolytic, Sa=Solid aluminium, PETP=Polyesterfilm, Pp=Polypropylen.

MANUFACTURER: CM=Chicago Miniatur, Fc=Fairchild, GI=General Instruments, HP=Hewlett Packard, ITT=Inertmetall, Mot=Motorola, NS=National Semiconductors, Ph=Philips, Ses=Secosem, SG=Silicon General, St=Studer, Tho=Thomson, Tf=Texas Instruments, Tf=Telefunken

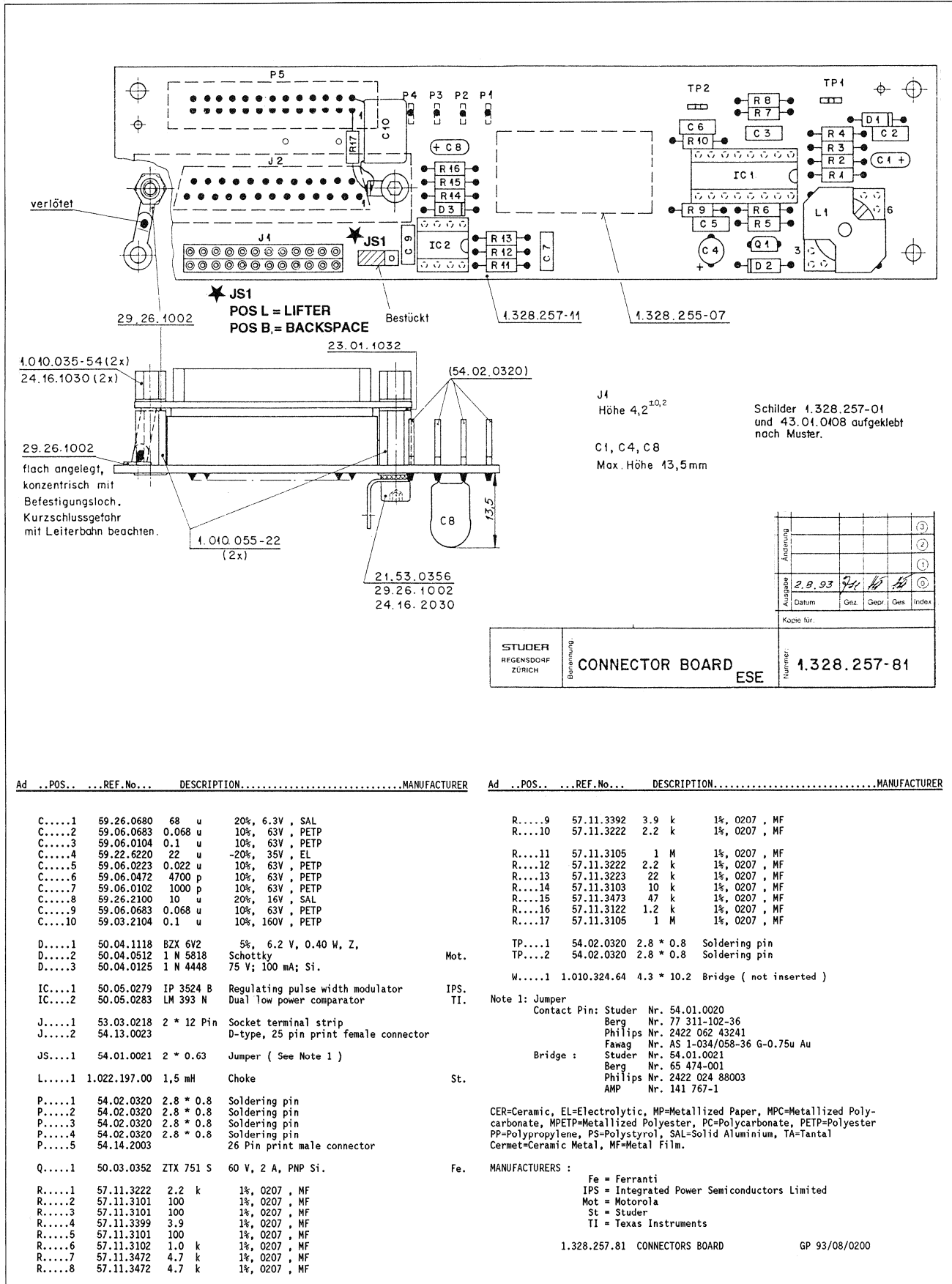
1.328.251.81 TAPE DECK REMOTE CONTROL ML 94/01/2600

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



02.08.93 C. METZ	MODUL PARALLEL A727, A812, A820	PAGE 1 OF 1
STUDER	CONNECTOR BOARD	SC 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
C.....1	59.26.0680	68 u	20%, 6.3V, SAL	
C.....2	59.06.0683	0.068 u	10%, 63V, PETP	
C.....3	59.06.0104	0.1 u	10%, 63V, PETP	
C.....4	59.22.6220	22 u	-20%, 35V, EL	
C.....5	59.06.0223	0.022 u	10%, 63V, PETP	
C.....6	59.06.0472	4700 p	10%, 63V, PETP	
C.....7	59.06.0102	1000 p	10%, 63V, PETP	
C.....8	59.26.2100	10 u	20%, 16V, SAL	
C.....9	59.06.0683	0.068 u	10%, 63V, PETP	
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,	
D.....2	50.04.0512	1 N 5818	Schottky	Mot.
D.....3	50.04.0125	1 N 4448	75 V; 100 mA; Si.	
IC.....1	50.05.0279	IP 3524 B	Regulating pulse width modulator	IPS.
IC.....2	50.05.0283	LM 393 N	Dual low power comparator	TI.
J.....1	53.03.0218	2 * 12 Pin	Socket terminal strip	
J.....2	54.13.0023		D-type, 25 pin print female connector	
JS.....1	54.01.0021	2 * 0.63	Jumper (See Note 1)	
L.....1	1.022.197.00	1,5 mH	Choke	St.
P.....1	54.02.0320	2.8 * 0.8	Soldering pin	
P.....2	54.02.0320	2.8 * 0.8	Soldering pin	
P.....3	54.02.0320	2.8 * 0.8	Soldering pin	
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.
R.....1	57.11.3222	2.2 k	1%, 0207, MF	
R.....2	57.11.3101	100	1%, 0207, MF	
R.....3	57.11.3101	100	1%, 0207, MF	
R.....4	57.11.3399	3.9	1%, 0207, MF	
R.....5	57.11.3101	100	1%, 0207, MF	
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	

Ad	..POS..	..REF.No..	DESCRIPTION	MANUFACTURER
R.....9	57.11.3392	3.9 k	1%, 0207, MF	
R.....10	57.11.3222	2.2 k	1%, 0207, MF	
R.....11	57.11.3105	1 M	1%, 0207, MF	
R.....12	57.11.3222	2.2 k	1%, 0207, MF	
R.....13	57.11.3223	22 k	1%, 0207, MF	
R.....14	57.11.3103	10 k	1%, 0207, MF	
R.....15	57.11.3473	47 k	1%, 0207, MF	
R.....16	57.11.3122	1.2 k	1%, 0207, MF	
R.....17	57.11.3105	1 M	1%, 0207, MF	
TP....1	54.02.0320	2.8 * 0.8	Soldering pin	
TP....2	54.02.0320	2.8 * 0.8	Soldering pin	
W.....1	1.010.324.64	4.3 * 10.2	Bridge (not inserted)	

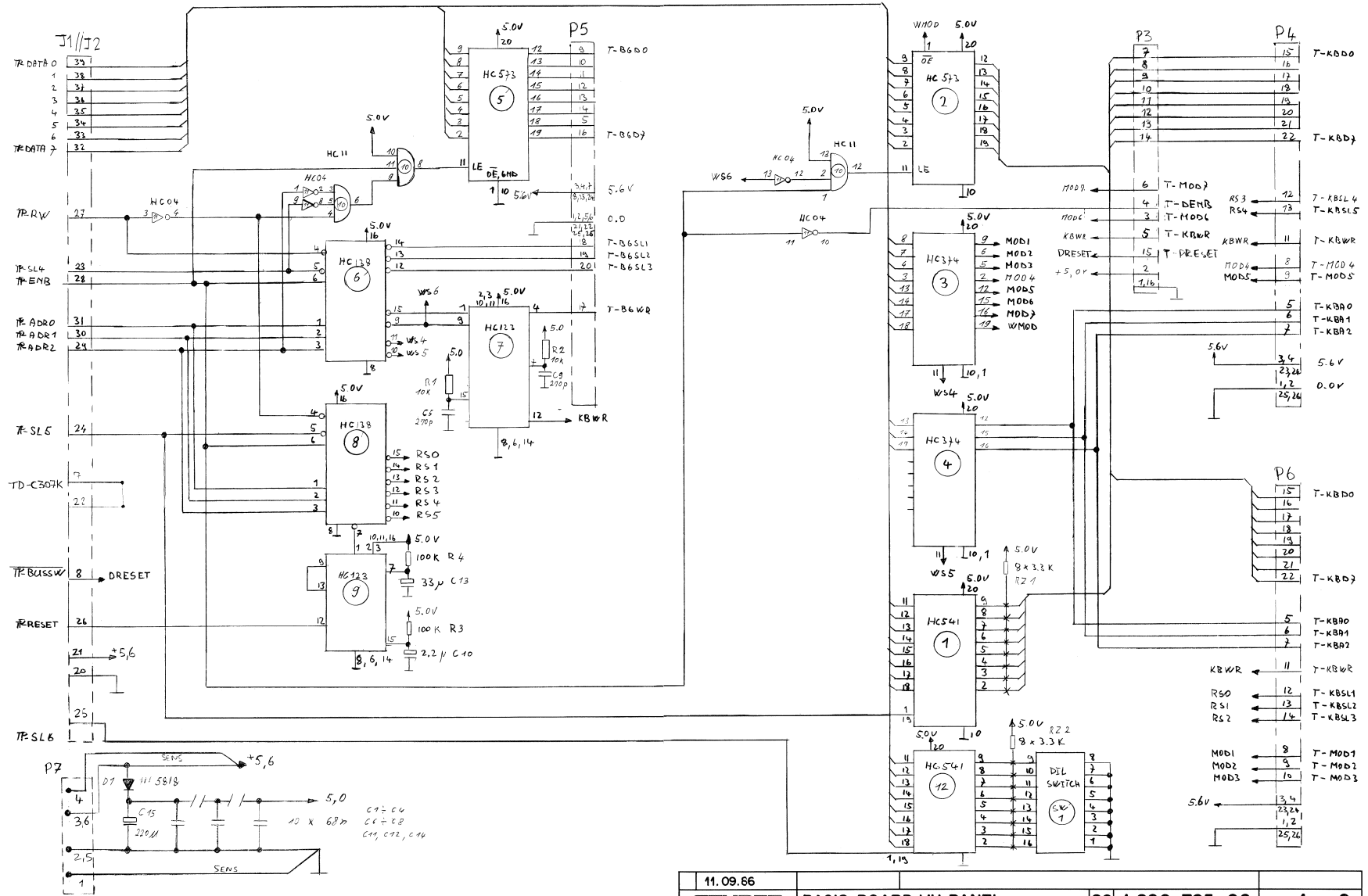
Note 1: Jumper
 Contact Pin: Studer Nr. 54.01.0020
 Berg Nr. 77 311-102-36
 Philips Nr. 2422 062 43241
 Fawag Nr. AS 1-034/058-36 G-0.75u Au
 Bridge : Studer Nr. 54.01.0021
 Berg Nr. 65 474-001
 Philips Nr. 2422 024 88003
 AMP Nr. 141 767-1

CER=Ceramic, EL=Electrolytic, MP=Metallized Paper, MPC=Metallized Poly-carbonate, MPETP=Metallized Polyester, PC=Polycarbonate, PETP=Polyester
 PP=Polypropylene, PS=Polystyrol, SAL=Solid Aluminium, TA=Tantal
 Cermet=Ceramic Metal, MF=Metal Film.

MANUFACTURERS :
 Fe = Ferranti
 IPS = Integrated Power Semiconductors Limited
 Mot = Motorola
 St = Studer
 TI = Texas Instruments

1.328.257.81 CONNECTORS BOARD GP 93/08/0200

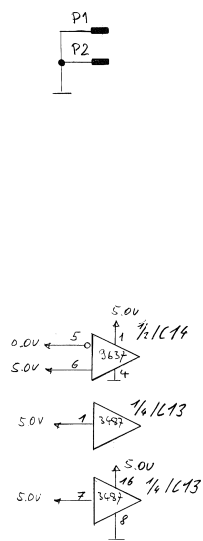
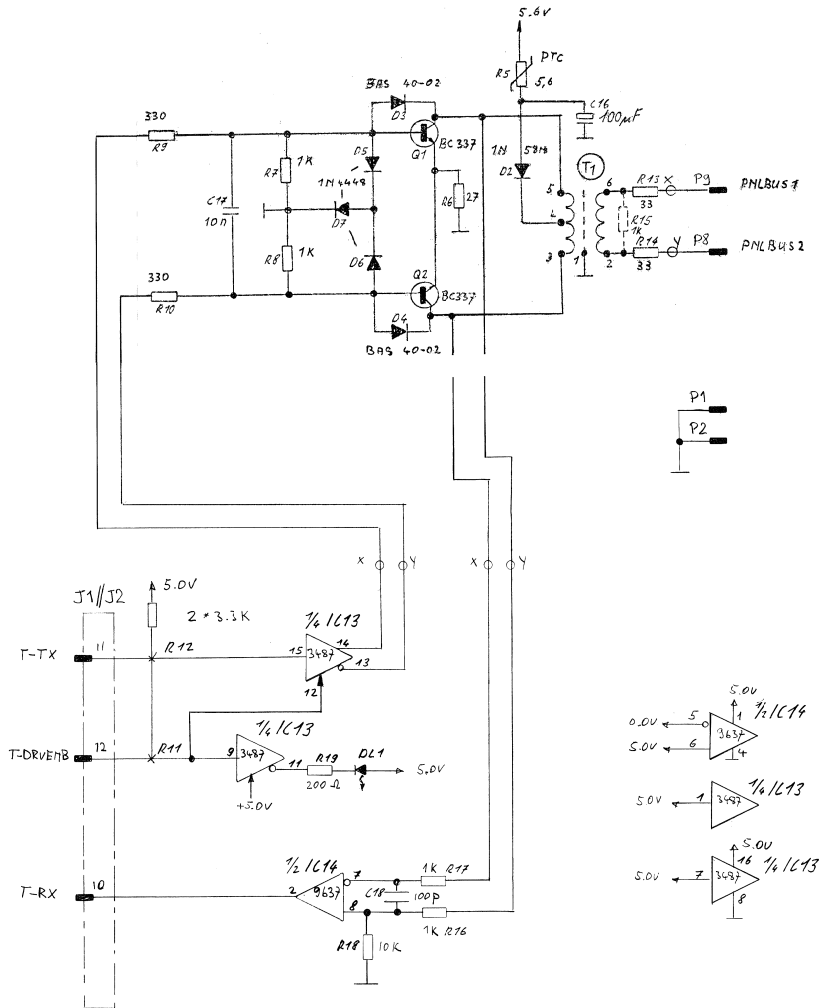
PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00
 -Basis Board VU Panel 1.820.705.00



EDITION: JUNI 1995

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

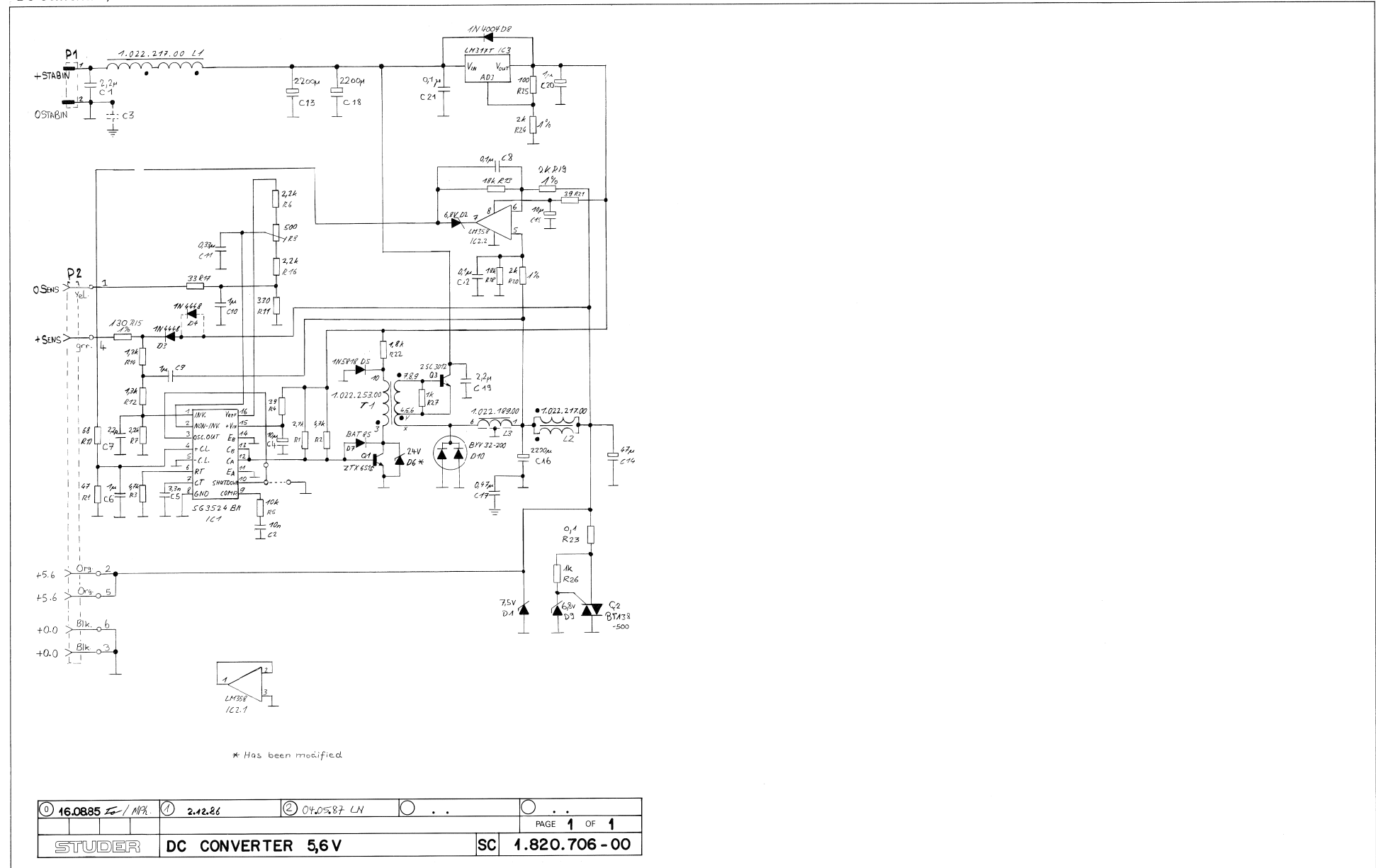
-Basis Board VU Panel 1.820.705.00



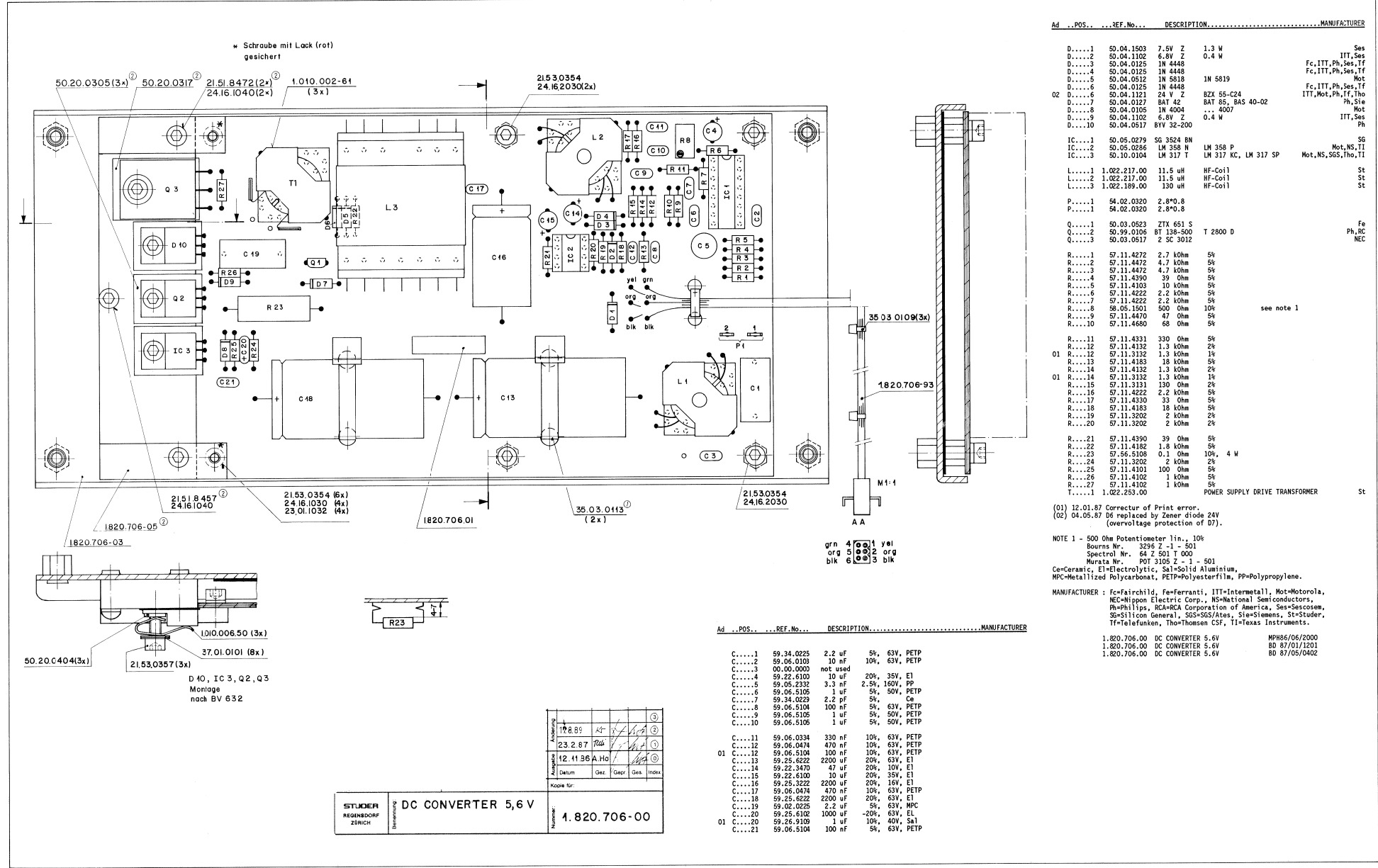
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STUDER	BASIS BOARD VU PANEL	SC 1.820.705-00	PAGE 2 OF 2

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

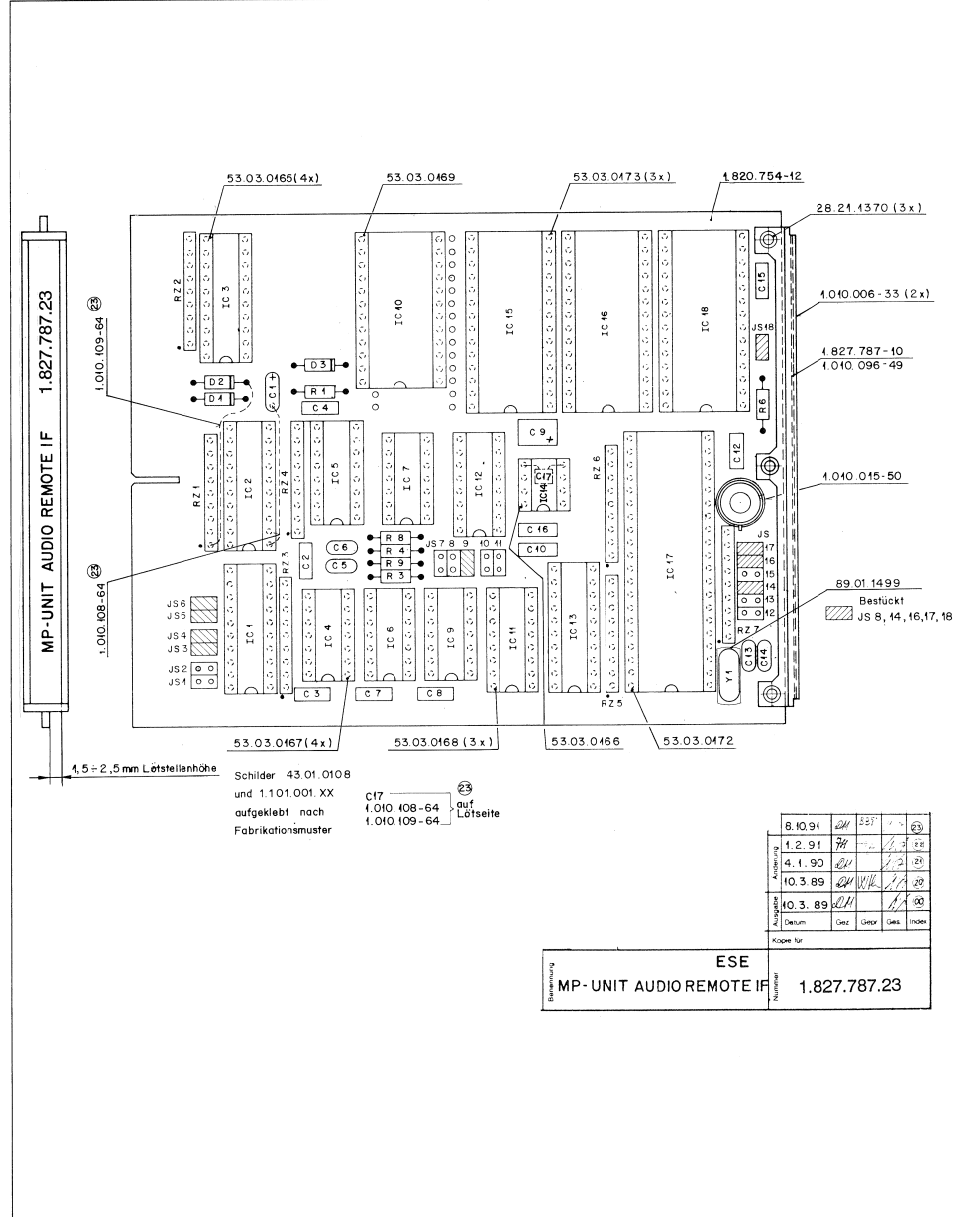
- DC Converter 5,6V 1.820.706.00



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

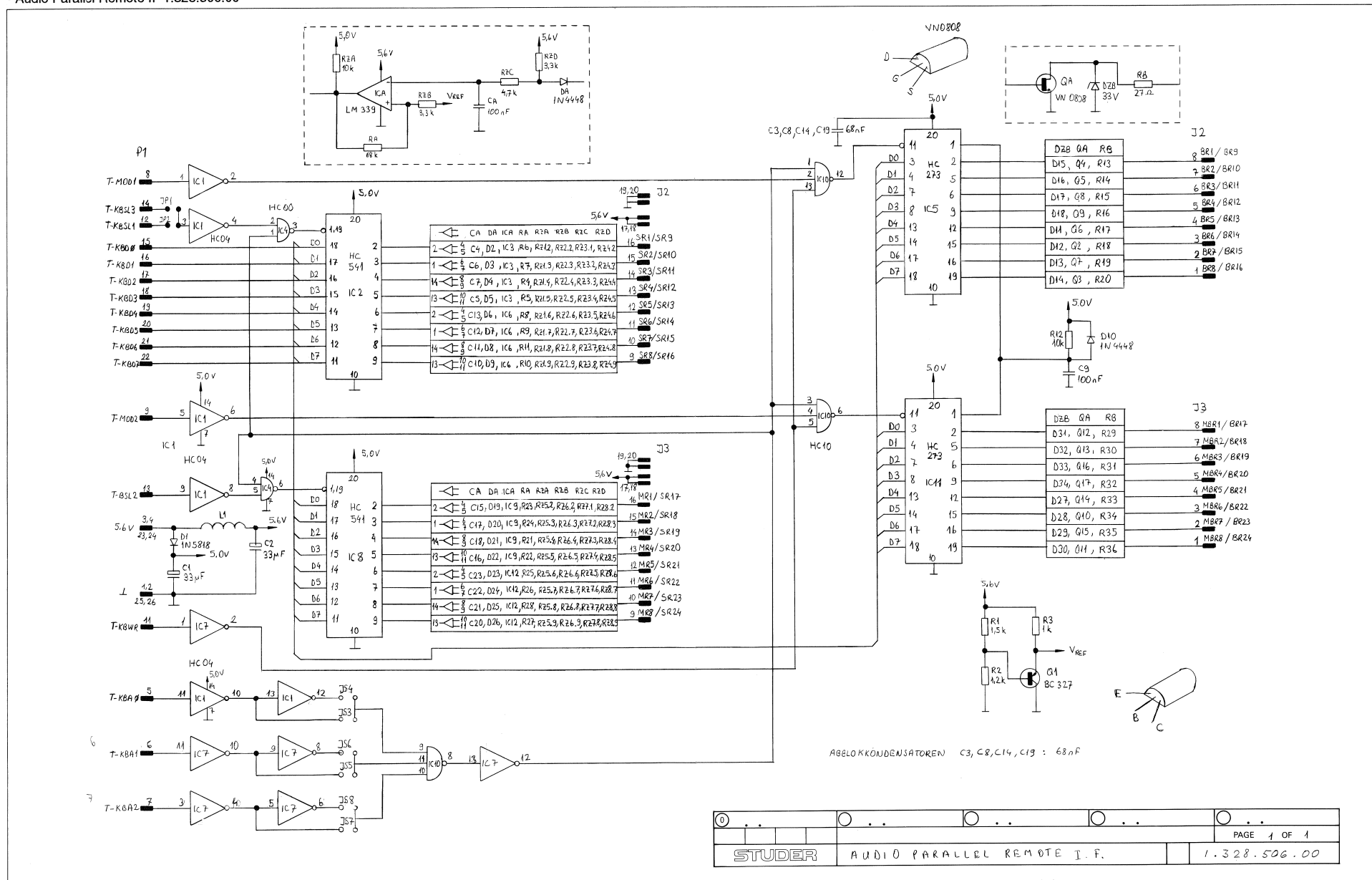


Ad	POS	REF.No	DESCRIPTION	MANUFACTURER
C....1	59.26.0470	47 uF	20%, 6.3V, Sa1	Ph
C....2	59.06.0683	68 nF	10%, 63V, PETP	
C....3	59.06.0683	68 nF	10%, 63V, PETP	
C....4	59.06.0683	68 nF	10%, 63V, PETP	
C....5	59.34.7151	150 pF	2%,	Ce
C....6	59.34.7151	150 pF	2%,	Ce
C....7	59.06.0683	68 nF	10%, 63V, PETP	
C....8	59.06.0683	68 nF	10%, 63V, PETP	
C....9	59.26.2100	10 uF	20%, 16V, Sa1	
C....10	59.06.0683	68 nF	10%, 63V, PETP	
C....11	00.00.0000	not used		
C....12	59.06.0683	68 nF	10%, 63V, PETP	
C....13	59.34.2330	33 pF	5%,	Ce
C....14	59.34.2330	33 pF	5%,	Ce
C....15	59.06.0683	68 nF	10%, 63V, PETP	
C....16	59.06.0104	100 nF	10%, 63V, PETP	
C....17	59.06.0222	2.2 nF	10%, 63V, PETP	
D....1	50.04.0125	IN 4448		Fc,ITT,Ph,Ses,Tf
D....2	50.04.0512	IN 5818	IN 5819	Not
D....3	50.04.0125	IN 4448		Fc,ITT,Ph,Ses,Tf
IC....1	50.17.1541	74 HC 541		Not,NS,Ph,RCA,SGS,TI,To
IC....2	50.17.1541	74 HC 541		Not,NS,Ph,RCA,SGS,TI,To
IC....3	50.17.1545	74 HC 645		Not,NS,Ph,RCA,SGS,TI,To
IC....4	50.17.1000	74 HC 00		Not,NS,Ph,RCA,SGS,TI,To
IC....5	50.17.1132	74 HC 132		Not,NS,Ph,RCA,SGS,TI,To
IC....6	50.17.1138	74 HC 138		Not,NS,Ph,RCA,SGS,TI,To
IC....7	50.17.1002	74 HC 02		Not,NS,Ph,RCA,SGS,TI,To
IC....8	50.17.1393	74 HC 393		Not,NS,Ph,RCA,SGS,TI,To
IC....9	00.00.0000	not used		
IC....10	50.17.0004	74 HCT 04		Not,NS,Ph,RCA,SGS,TI,To
IC....11	50.14.0107	HM6116LP-4	MSM 5128-15	Hi,OKI
IC....12	50.17.1139	74 HC 139		Not,NS,Ph,RCA,SGS,TI,To
IC....13	50.15.0105	MC 3487 P	DS 3487 N	Not,NS
IC....14	50.17.1573	74 HC 573		Not,NS,Ph,RCA,SGS,TI,To
IC....15	50.11.0122	TL7705ACP		TI
IC....16	50.11.0157	TL7705BCP		TI
IC....17	50.16.0107	MC6803P-1	6803P-L	Not,Hi
IC....18	50.14.0125	27128	HN 48271286-30	Hi,11
IC....19	1.827.984.20		Software 32/89	
IC....20	1.827.984.21		Software 48/89	
IC....21	1.827.984.22		Software 05/91	
JS....1	00.00.0000	see note 1		
JS....2	..	see note 1		
JS....3	..	see note 1		
JS....4	..	see note 1		
JS....5	..	see note 1		
JS....6	..	see note 1		
JS....7	..	see note 1		
JS....8	..	see note 1		
JS....9	..	see note 1		
JS....10	..	see note 1		
JS....11	..	see note 1		
JS....12	..	see note 1		
JS....13	..	see note 1		
JS....14	..	see note 1		
JS....15	..	see note 1		
JS....16	..	see note 1		
JS....17	..	see note 1		
JS....18	..	see note 1		
R....1	57.11.8332	3.3 kOhm	5%	
R....2	00.00.0000	not used		
R....3	57.11.3122	1.2 kOhm	5%	
R....4	57.11.3122	1.2 kOhm	5%	
R....5	00.00.0000	not used		
R....6	57.11.3471	470 Ohm	5%	
R....7	00.00.0000	not used		
R....8	57.11.3472	4.7 kOhm	5%	
R....9	57.11.3472	4.7 kOhm	5%	
RZ....1	57.88.4332	see note 2		
RZ....2	57.88.4332	see note 2		
RZ....3	57.88.4332	see note 2		
RZ....4	57.88.4332	see note 2		
RZ....5	57.88.4332	see note 2		
RZ....6	57.88.4332	see note 2		
RZ....7	57.88.4332	see note 2		
S....1	55.03.0122	Chicago Switch 34-550-001		
Y....1	89.01.0560	4.9152 Mhz, +-100 ppm		

Ad	POS	REF.No	DESCRIPTION	MANUFACTURER
			Ineltro Nr. R88 3.3 k 5k	
			Ce=Ceramic, Sa1=Solid Aluminium, PETP=Polyesterfilm.	
			MANUFACTURER: Fc=Fairchild, Hi=Hitachi, ITT=Intermetall, Mot=Motorola, NS=National Semiconductors, OK=OKI, Ph=Philips, Ses=Sesocosem, Tf=Telefunken, TI=Texas Instruments.	
		1.827.787.00	MP-UNIT AUDIO REMOTE IF	Wth89/02/1400
		1.827.787.00	MP-UNIT AUDIO REMOTE IF	Wth89/02/1420
		1.827.787.00	MP-UNIT AUDIO REMOTE IF	Wth90/04/0121
		1.827.787.00	MP-UNIT AUDIO REMOTE IF	Wth91/02/0122
		1.827.787.00	MP-UNIT AUDIO REMOTE IF	BBT91/10/0823
			END	

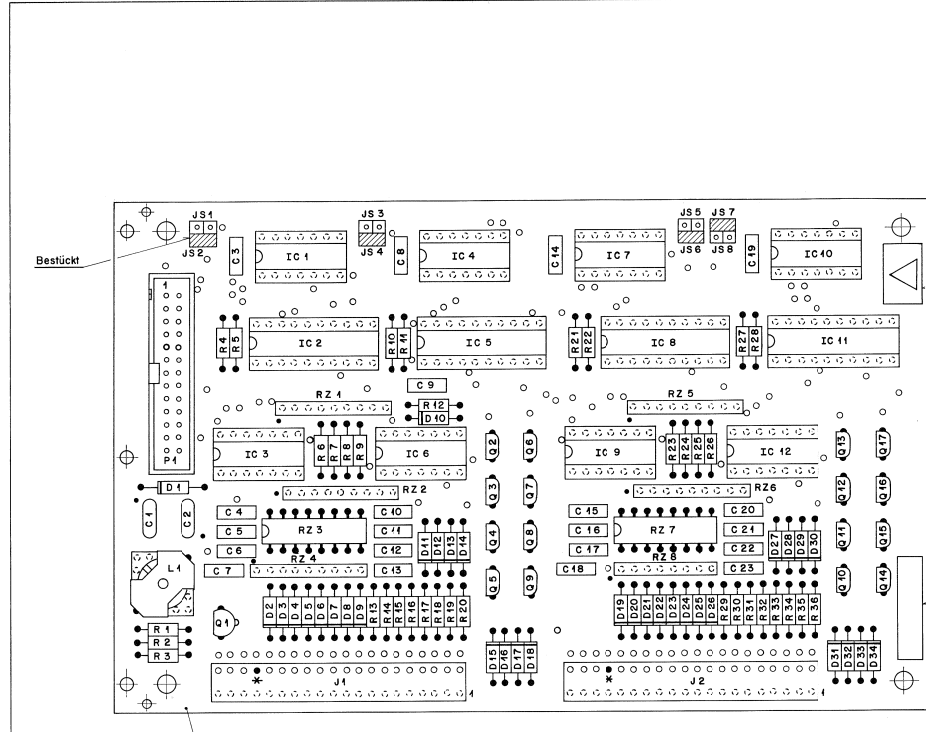
PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- 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



* Codierung: Schielddraht 64.01.0108 ø 0,8 x 8 mm (muss 4mm vorstehen)

STUDER
REGENSDORF
ZÜRICH

1.328.506-00

AUDIO PARALLEL
REMOTE IF "ESE"

Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER	Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
C...	1	59.26.1330	33 uF	20%, 10V, SAL		Q...	12	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A
C...	2	59.26.1330	33 uF	20%, 10V, SAL		Q...	13	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A
C...	3	59.06.0683	68 nF	10%, PETF		Q...	14	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A
C...	4	59.06.0104	100 nF	10%, PETF		Q...	15	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A
C...	5	59.06.0104	100 nF	10%, PETF		Q...	16	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A
C...	6	59.06.0104	100 nF	10%, PETF		Q...	17	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A
C...	7	59.06.0104	100 nF	10%, PETF		R...	1	57.11.4152	1.5 kOhm 5%
C...	8	59.06.0683	68 nF	10%, PETF		R...	2	57.11.4122	1.2 kOhm 5%
C...	9	59.06.0104	100 nF	10%, PETF		R...	3	57.11.4102	1 kOhm 5%
C...	10	59.06.0104	100 nF	10%, PETF		R...	4	57.11.4683	68 kOhm 5%
C...	11	59.06.0104	100 nF	10%, PETF		R...	5	57.11.4683	68 kOhm 5%
C...	12	59.06.0104	100 nF	10%, PETF		R...	6	57.11.4683	68 kOhm 5%
C...	13	59.06.0104	100 nF	10%, PETF		R...	7	57.11.4683	68 kOhm 5%
C...	14	59.06.0683	68 nF	10%, PETF		R...	8	57.11.4683	68 kOhm 5%
C...	15	59.06.0104	100 nF	10%, PETF		R...	9	57.11.4683	68 kOhm 5%
C...	16	59.06.0104	100 nF	10%, PETF		R...	10	57.11.4683	68 kOhm 5%
C...	17	59.06.0104	100 nF	10%, PETF		R...	11	57.11.4683	68 kOhm 5%
C...	18	59.06.0104	100 nF	10%, PETF		R...	12	57.11.4103	10 kOhm 5%
C...	19	59.06.0683	68 nF	10%, PETF		R...	13	57.11.4270	27 Ohm 5%
C...	20	59.06.0104	100 nF	10%, PETF		R...	14	57.11.4270	27 Ohm 5%
C...	21	59.06.0104	100 nF	10%, PETF		R...	15	57.11.4270	27 Ohm 5%
C...	22	59.06.0104	100 nF	10%, PETF		R...	16	57.11.4270	27 Ohm 5%
C...	23	59.06.0104	100 nF	10%, PETF		R...	17	57.11.4270	27 Ohm 5%
C...	24	59.06.0104	100 nF	10%, PETF		R...	18	57.11.4270	27 Ohm 5%
C...	25	59.06.0104	100 nF	10%, PETF		R...	19	57.11.4270	27 Ohm 5%
D...	1	50.04.0512	1N 5818	1N 5819	Mo	R...	20	57.11.4270	27 Ohm 5%
D...	2	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	21	57.11.4683	68 kOhm 5%
D...	3	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	22	57.11.4683	68 kOhm 5%
D...	4	50.04.0127	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	23	57.11.4683	68 kOhm 5%
D...	5	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	24	57.11.4683	68 kOhm 5%
D...	6	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	25	57.11.4683	68 kOhm 5%
D...	7	50.04.0127	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	26	57.11.4683	68 kOhm 5%
D...	8	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	27	57.11.4683	68 kOhm 5%
D...	9	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	28	57.11.4683	68 kOhm 5%
D...	10	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf	R...	29	57.11.4270	27 Ohm 5%
D...	11	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho	R...	30	57.11.4270	27 Ohm 5%
D...	12	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	13	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	14	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	15	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	16	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	17	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	18	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	19	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf				
D...	20	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf				
D...	21	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf				
D...	22	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf				
D...	23	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf				
D...	24	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf				
D...	25	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf				
D...	26	50.04.0125	1N 4448		Fc,ITT,Ph,Ses,Tf				
D...	27	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	28	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	29	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	30	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	31	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	32	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	33	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
D...	34	50.04.1127	33 V Z	BZX 55-C33	ITT,Mot,Ph,Tf,Tho				
IC...	1	50.17.1004	.. 74 HC 04 ..	Mot,NS,Ph,RCa,SGS,TI,To					
IC...	2	50.17.1541	.. 74 HC541 ..	Mot,NS,Ph,RCa,SGS,TI,To					
IC...	3	50.11.0104	uA 339 PC	Fc,Mot,NS					
IC...	4	50.17.1000	.. 74 HC 00 ..	Mot,NS,Ph,RCa,SGS,TI,To					
IC...	5	50.17.1273	.. 74 HC273 ..	Mot,NS,Ph,RCa,SGS,TI,To					
IC...	6	50.11.0104	uA 339 PC	Fc,Mot,NS					
IC...	7	50.17.1004	.. 74 HC 04 ..	Mot,NS,Ph,RCa,SGS,TI,To					
IC...	8	50.17.1541	.. 74 HC541 ..	Mot,NS,Ph,RCa,SGS,TI,To					
IC...	9	50.11.0104	uA 339 PC	Fc,Mot,NS					
IC...	10	50.17.1010	.. 74 HC 10 ..	Mot,NS,Ph,RCa,SGS,TI,To					
IC...	11	50.17.1273	.. 74 HC273 ..	Mot,NS,Ph,RCa,SGS,TI,To					
IC...	12	50.11.0104	uA 339 PC	Fc,Mot,NS					
JS...	1	00.00.0000	see ncte 1						
JS...	2	00.00.0000	see ncte 1						
JS...	3	00.00.0000	see ncte 1						
JS...	4	00.00.0000	see ncte 1						
JS...	5	00.00.0000	see ncte 1						
JS...	6	00.00.0000	see ncte 1						
JS...	7	00.00.0000	see ncte 1						
JS...	8	00.00.0000	see ncte 1						
L...	1	1.166.154.00		St					
P...	1	54.14.2003	see ncte 2						
J...	1	54.01.0226	see ncte 3						
J...	2	54.01.0226	see ncte 3						
Q...	1	50.03.0351	BC 327-25	ITT,Ph,Sie					
Q...	2	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	3	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	4	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	5	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	6	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	7	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	8	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	9	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	10	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					
Q...	11	50.03.1505	VN 0808M VN 0808 MTR, 2VN 0108A	Fe,Six					

Note 1 - Contact pin, 2 pieces : Studer nr. 54.01.0020 Berg nr. 75 160-102-36 Philips nr. 2422 025 89303 Studer nr. 54.01.0021 Berg nr. 65 474-001 Philips nr. 2422 024 88003

Note 2 - Connector, 26 contacts: Yamaha nr. FAP-16-08-4055 Burdy nr. BPH 9 B16 B00 G5 3M nr. 7616-6002 VZ

Note 3 - Connector, 20 Contacts: AMP nr. 1-163.680-9

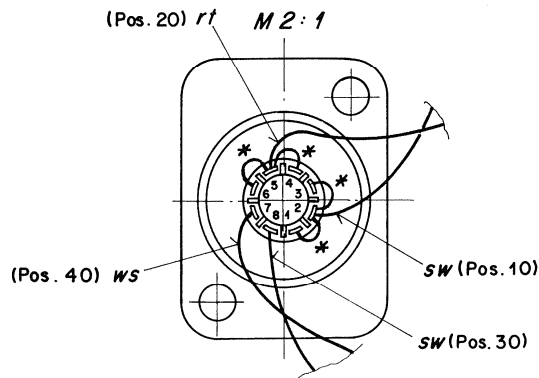
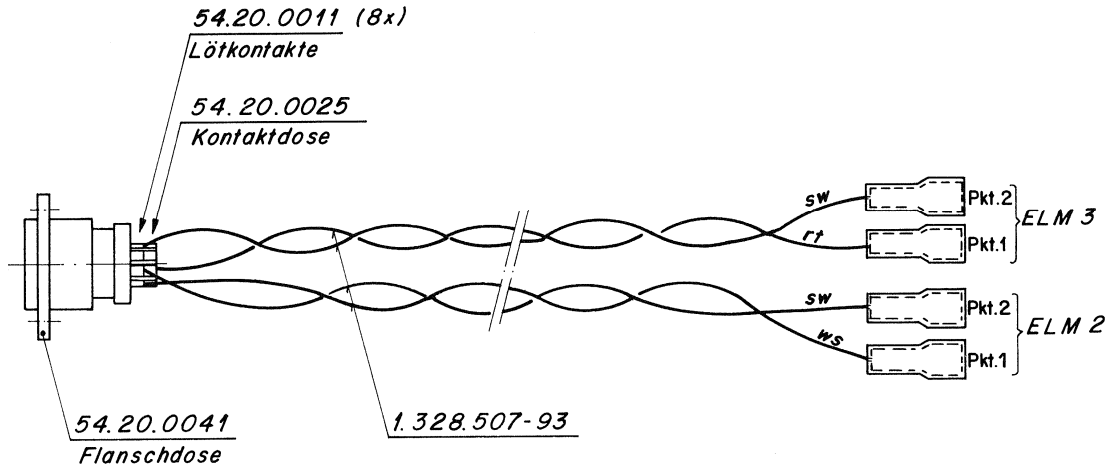
Sal=Solid Aluminium, PETF=Polyesterfilm.
MANUFACTURER: F=Fairchild, ITT=Intermetall, Mot=Motorola, Ph=Philips, RCa=Radio Corporation of America, Ri=Rifa, SGS=SGS/Ates, Sie=Siemens, Six=Siliconix, Tf=Telefunken, Tho=Thomson, TI=Texas Instrument, To= Toshiba

1.328.506.00 AUDIO PARALLEL REMOTE IF BD 87/03/3100

END

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- Connector Pre-Wired 1.328.507.00



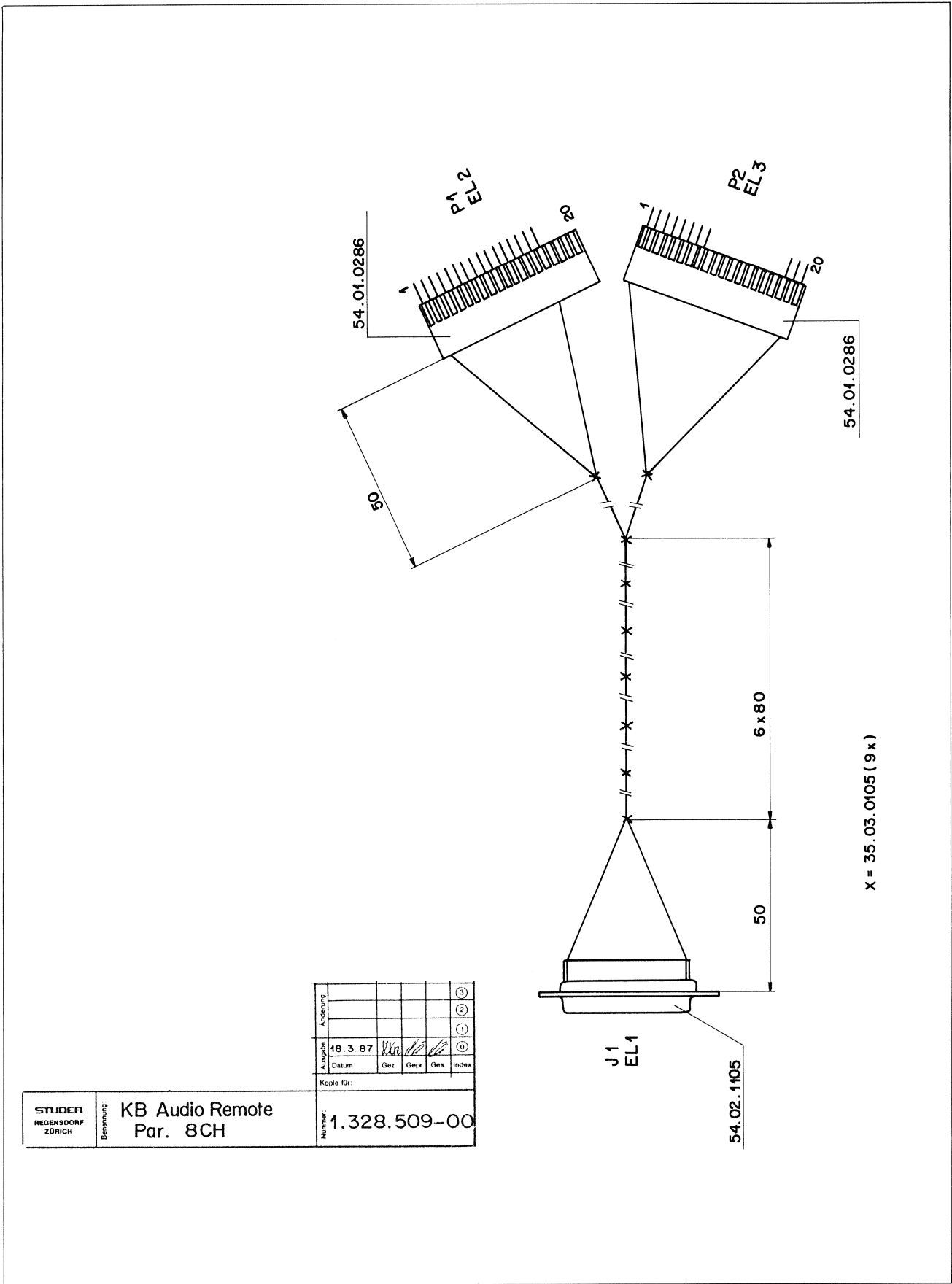
* Schaltdraht

Ausgabe	Änderung					③
						②
						①
	Datum	Gez.	Gepr.	Gbs.	Index	④
Kopie für:						

STUDER REGENSDORF ZÜRICH	Benennung:	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

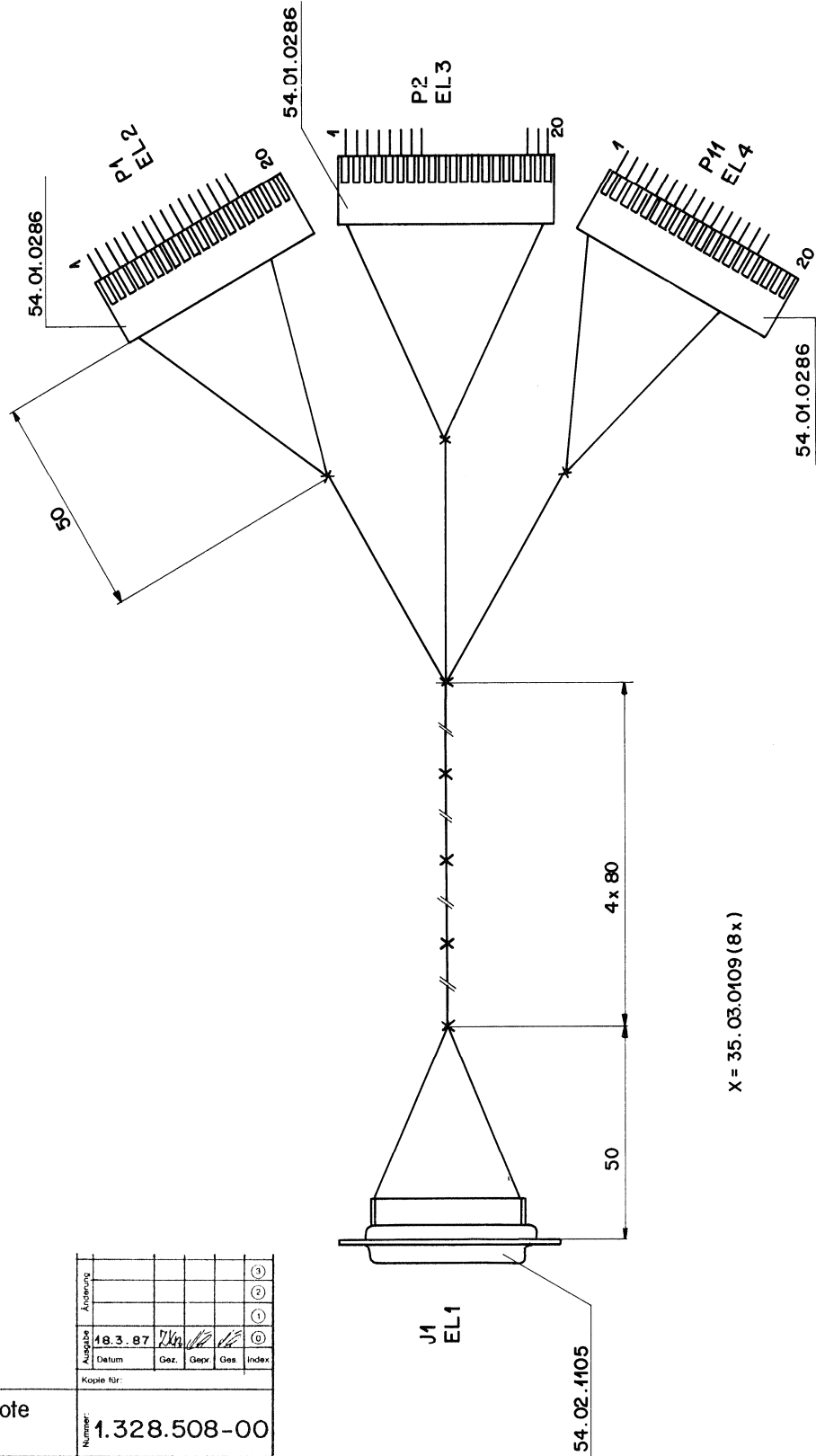


Änderung					④
③					
②					
①					
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Datum	Gez	Gen	Ges	Index	

STUDER REGENSDORF ZÜRICH	Benennung	KB Audio Remote Par. 8CH	Kopie für:
			Nummer: 1.328.509-00

PARALLEL REMOTE CHANNEL CONTROL INTERFACE 1.328.540.00

- KB Audio Remote Par. 8CH + M 1.328.508.00



STUDER REGENSDORF ZÜRICH	Benennung KB Audio Remote Par. 8CH + M	Ausgabe				①
		Datum				②
		18.3.87	Gez.	Gepr.	Gez.	Index
Kopie für:		③				
Nummer:		1.328.508-00				