

Up-date to the service manual Studer A812 MKII

UP-DATE Tape Deck Section 5

Stabilizer	1.811.790.81
Basis Board	1.811.700.83
Tape Deck Controller	1.811.774.34
Capstan Motor Drive Amplifier PCB	1.820.774.27
Tacho Sensor Electronics PCB	1.021.695.86

UP-DATE Audio Section 6

Line Amplifier with Trafo	1.820.814.81
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UP-DATE Remote Controls Section 7

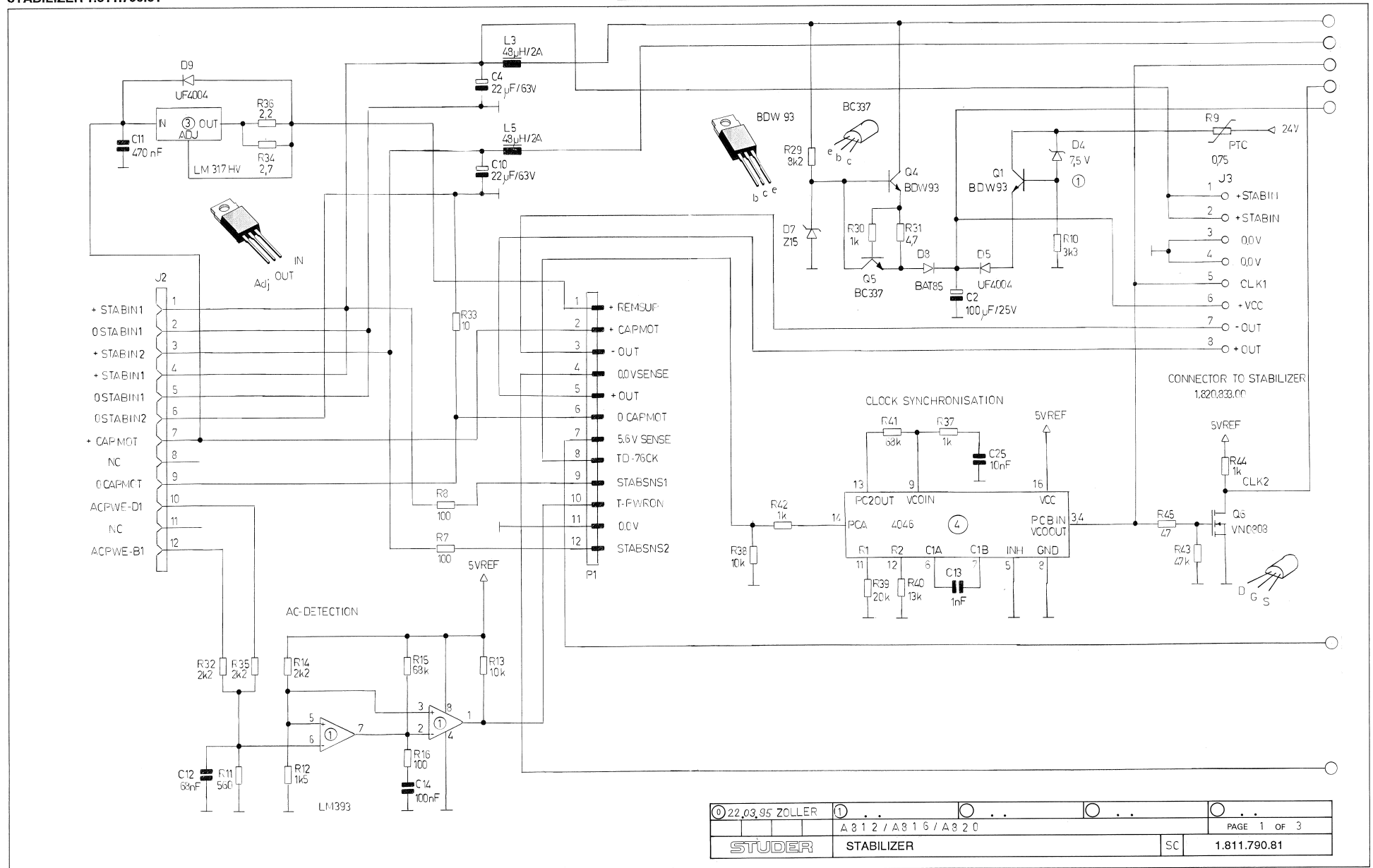
Tape Deck Remote Control Cabinet (Parallel)	1.328.250.81
- Tape Deck Remote Control PCB	1.328.251.81
- Connector PCB	1.328.257.81
Parallel Channel Remote Control	1.328.260.00/1.328.267.00
- Display Board	1.328.261.00
- Key Board	1.328.262.00
Parallel Channel Remote Control Interface (Kit No. 20.812.939.00)	1.811.903.00
- Channel Remote Interface	1.328.264.00
- Channel Remote Logik Board	1.328.265.00

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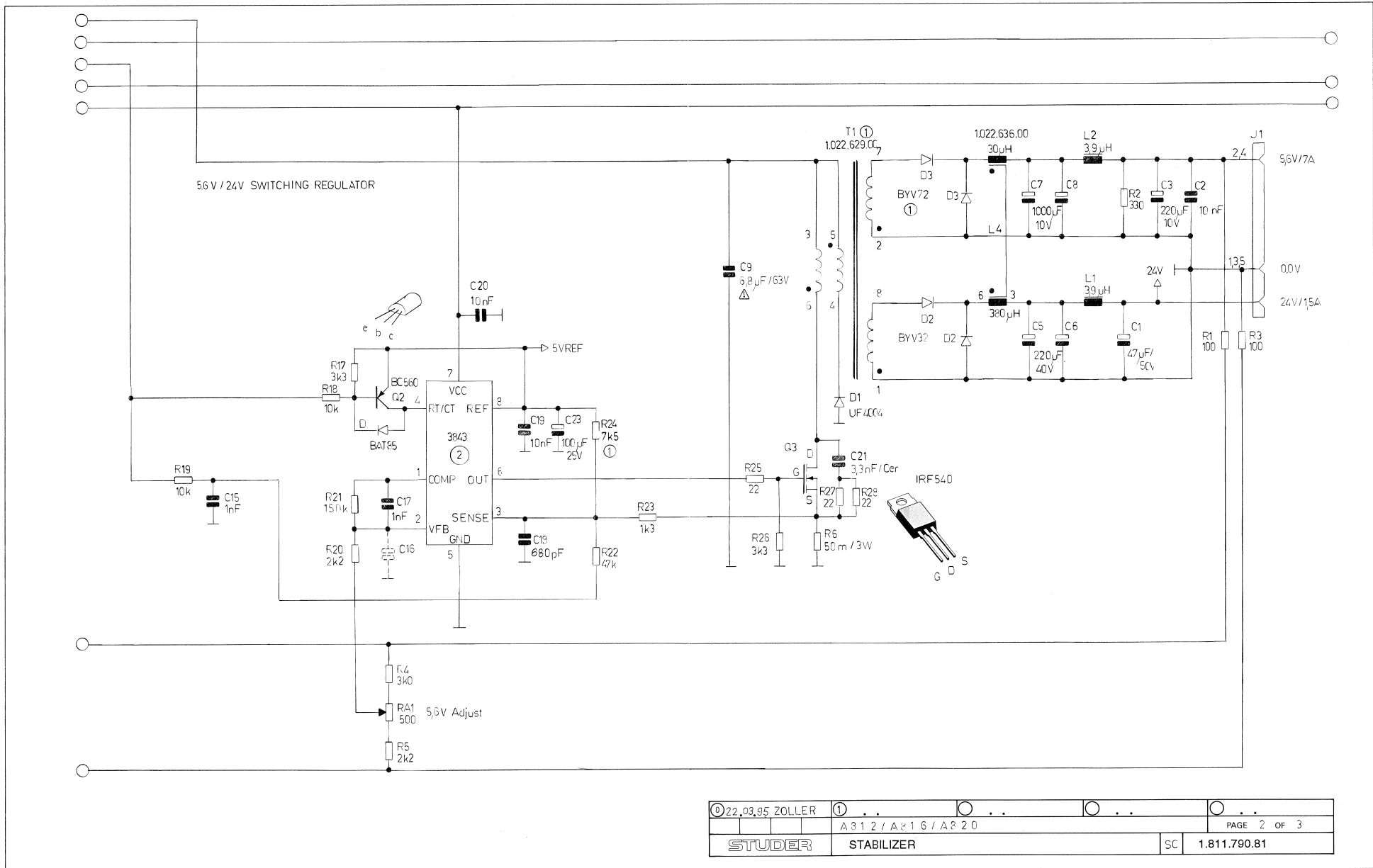
STABILIZER 1.811.790.81



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		A 8 1 2 / A 8 1 6 / A 8 2 0		PAGE 1 OF 3
STUDER	STABILIZER	SC	1.811.790.81	



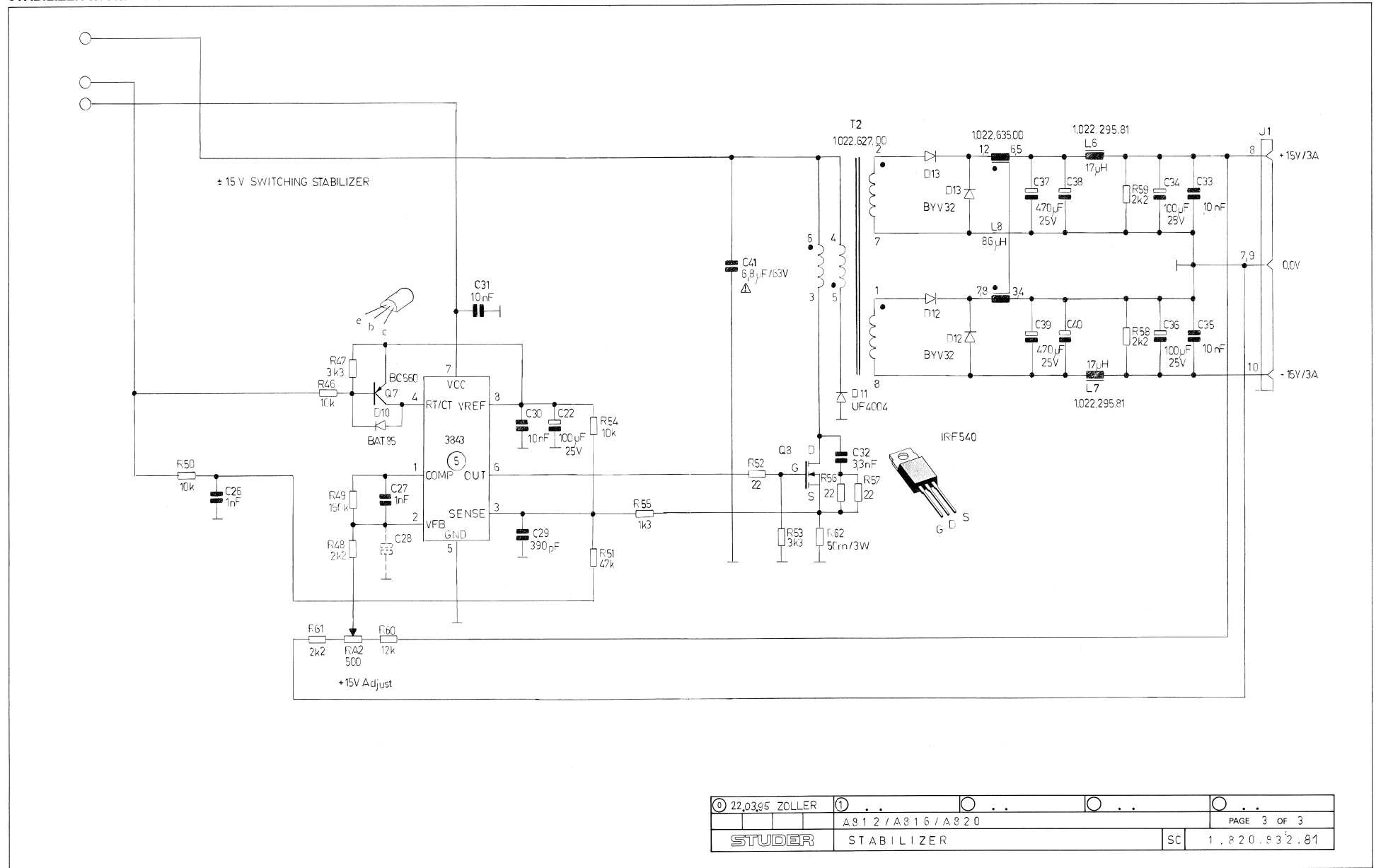
STABILIZER 1.811.790.81



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A 3 1 2 / A 3 1 6 / A 3 2 0			PAGE 2 OF 3		
STUDER	STABILIZER		SC	1.811.790.81	



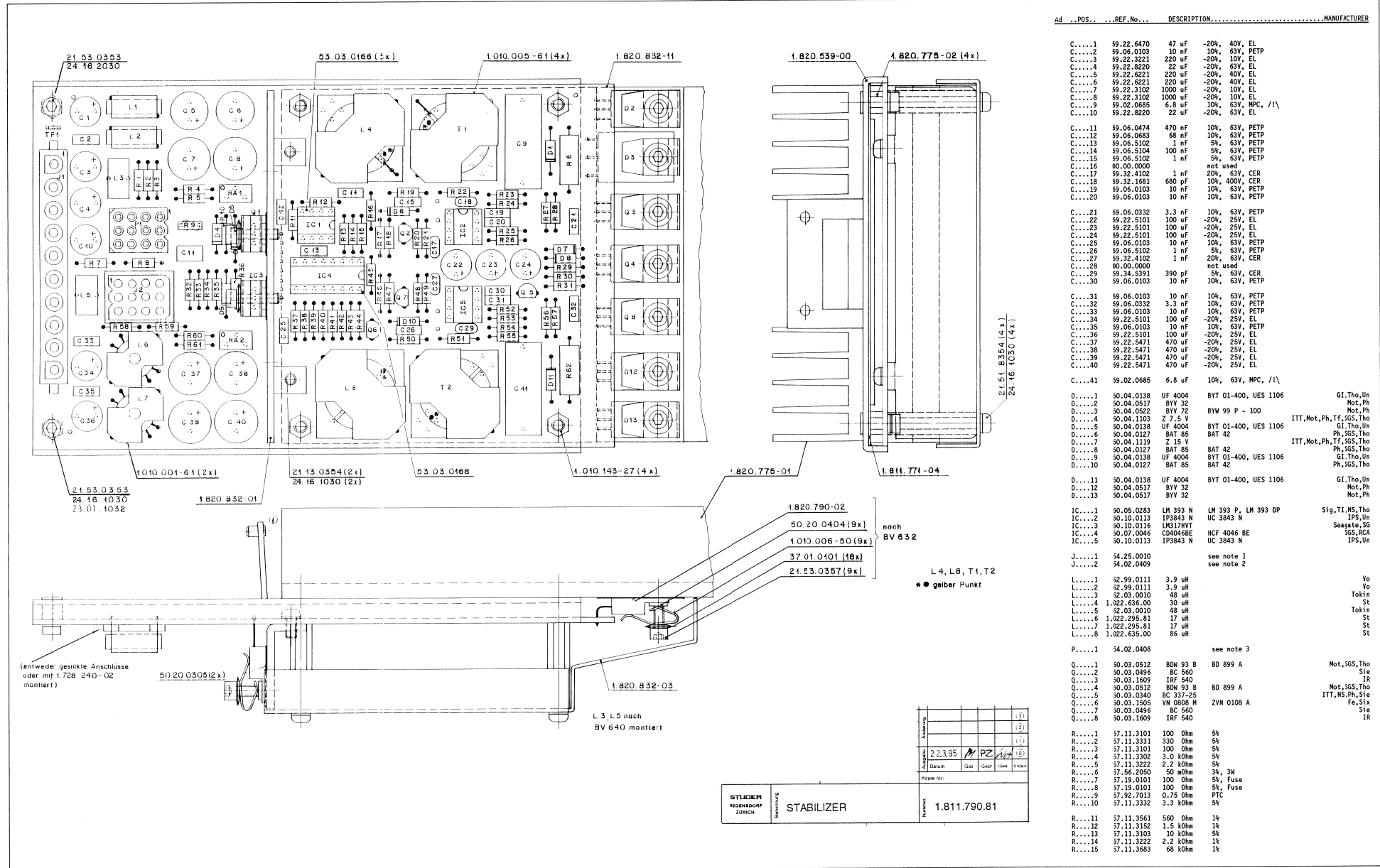
STABILIZER 1.811.790.81



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	A912 / A816 / A820			PAGE 3 OF 3
STUDER	STABILIZER	SC	1.820.832.81	



STABILIZER 1.811.790.81



Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
C....1	59.22.6470	47 uF	-20%, 40V, EL	
C....2	59.06.0103	10 nF	10%, 63V, PETP	
C....3	59.22.8221	220 uF	-20%, 10V, EL	
C....4	59.22.8220	22 uF	-20%, 63V, EL	
C....5	59.22.8221	220 uF	-20%, 40V, EL	
C....6	59.22.8221	220 uF	-20%, 40V, EL	
C....7	59.22.3102	1000 uF	-20%, 10V, EL	
C....8	59.22.3102	1000 uF	-20%, 10V, EL	
C....9	59.02.0685	6.8 uF	10%, 63V, MPC, /1\	
C....10	59.22.8220	22 uF	-20%, 63V, EL	
C....11	59.06.0474	470 nF	10%, 63V, PETP	
C....12	59.06.0683	68 nF	10%, 63V, PETP	
C....13	59.06.5102	1 nF	5%, 63V, PETP	
C....14	59.06.5104	100 nF	5%, 63V, PETP	
C....15	59.06.5102	1 nF	5%, 63V, PETP	
C....16	00.00.0000		not used	
C....17	59.32.4102	1 nF	20%, 63V, CER	
C....18	59.32.1681	680 pF	10%, 400V, CER	
C....19	59.06.0103	10 nF	10%, 63V, PETP	
C....20	59.06.0103	10 nF	10%, 63V, PETP	
C....21	59.06.0332	3.3 nF	10%, 63V, PETP	
C....22	59.22.5101	100 uF	-20%, 25V, EL	
C....23	59.22.5101	100 uF	-20%, 25V, EL	
C....24	59.22.5101	100 uF	-20%, 25V, EL	
C....25	59.06.0103	10 nF	10%, 63V, PETP	
C....26	59.06.5102	1 nF	5%, 63V, PETP	
C....27	59.32.4102	1 nF	20%, 63V, CER	
C....28	00.00.0000		not used	
C....29	59.34.5391	390 pF	5%, 63V, CER	
C....30	59.06.0103	10 nF	10%, 63V, PETP	
C....31	59.06.0103	10 nF	10%, 63V, PETP	
C....32	59.06.0332	3.3 nF	10%, 63V, PETP	
C....33	59.06.0103	10 nF	10%, 63V, PETP	
C....34	59.22.5101	100 uF	-20%, 25V, EL	
C....35	59.06.0103	10 nF	10%, 63V, PETP	
C....36	59.22.5101	100 uF	-20%, 25V, EL	
C....37	59.22.5471	470 uF	-20%, 25V, EL	
C....38	59.22.5471	470 uF	-20%, 25V, EL	
C....39	59.22.5471	470 uF	-20%, 25V, EL	
C....40	59.22.5471	470 uF	-20%, 25V, EL	
C....41	59.02.0685	6.8 uF	10%, 63V, MPC, /1\	
D....1	50.04.0138	UF 4004	BYT 01-400, UES 1106	GI,Tho,Un Mot,Ph
D....2	50.04.0517	BYV 32		Mot,Ph
D....3	50.04.0422	BYV 72		ITT,Mot,Ph,Tf,SS,Tho
D....4	50.04.1103	Z 7.5 V		GI,Tho,Un Ph,SS,Tho
D....5	50.04.0138	UF 4004	BYT 01-400, UES 1106	GI,Tho,Un Ph,SS,Tho
D....6	50.04.0127	BAT 85	BAT 42	ITT,Mot,Ph,Tf,SS,Tho Ph,SS,Tho
D....7	50.04.1119	Z 1.5 V		GI,Tho,Un Ph,SS,Tho
D....8	50.04.0127	BAT 85	BAT 42	ITT,Mot,Ph,Tf,SS,Tho Ph,SS,Tho
D....9	50.04.0138	UF 4004	BYT 01-400, UES 1106	GI,Tho,Un Ph,SS,Tho
D....10	50.04.0127	BAT 85	BAT 42	ITT,Mot,Ph,Tf,SS,Tho Ph,SS,Tho
D....11	50.04.0138	UF 4004	BYT 01-400, UES 1106	GI,Tho,Un Mot,Ph
D....12	50.04.0517	BYV 32		Mot,Ph
D....13	50.04.0517	BYV 32		Mot,Ph
IC....1	50.05.0283	LM 393 N	LM 393 P, LM 393 DP	Sig,TI,NS,Tho
IC....2	50.10.0113	IP3843 N	UC 3843 N	IPS,Un
IC....3	50.10.0116	LM317VVT		Segette,SG
IC....4	50.07.0046	CM046BE	HCF 4046 BE	SS,RC4
IC....5	50.10.0113	IP3843 N	UC 3843 N	IPS,Un
J....1	54.25.0010		see note 1	
J....2	54.02.0409		see note 2	
L....1	52.99.0111	3.9 uH		Vo
L....2	52.99.0111	3.9 uH		Vo
L....3	52.03.0010	48 uH		Tokin
L....4	1.022.655.00	30 uH		St
L....5	52.03.0010	48 uH		Tokin
L....6	1.022.295.81	17 uH		St
L....7	1.022.295.81	17 uH		St
L....8	1.022.655.00	86 uH		St
P....1	54.02.0408		see note 3	
Q....1	50.03.0512	BDW 93 B	BD 899 A	Mot,SGS,Tho
Q....2	50.03.0496	BC 560		St
Q....3	50.03.1609	IRF 540		IR
Q....4	50.03.0512	BDW 93 B	BD 899 A	Mot,SGS,Tho
Q....5	50.03.0340	BC 337-25		ITT,NS,Ph,St
Q....6	50.03.1503	VN 0908 M	ZVN 0108 A	Fe,St
Q....7	50.03.0496	BC 560		St
Q....8	50.03.1609	IRF 540		IR
R....1	57.11.3101	100 Ohm		5%
R....2	57.11.3331	330 Ohm		5%
R....3	57.11.3101	100 Ohm		5%
R....4	57.11.3302	3.0 kOhm		5%
R....5	57.11.3222	2.2 kOhm		5%
R....6	57.56.2050	50 uOhm		5%, 3W
R....7	57.19.0101	100 Ohm		5%, Fuse
R....8	57.19.0101	100 Ohm		5%, Fuse
R....9	57.92.7013	0.75 Ohm		5%, PTC
R....10	57.11.3332	3.3 kOhm		5%
R....11	57.11.3561	560 Ohm		1%
R....12	57.11.3152	1.5 kOhm		1%
R....13	57.11.3103	10 kOhm		5%
R....14	57.11.3222	2.2 kOhm		1%
R....15	57.11.3683	68 kOhm		1%



STABILIZER 1.811.790.81

Ad	..POS..	...REF.No...	DESCRIPTION.....	MANUFACTURER
R....16		57.11.3101	100 Ohm	1%
R....17		57.11.3332	3.3 kOhm	5%
R....18		57.11.3103	10 kOhm	5%
R....19		57.11.3103	10 kOhm	1%
R....20		57.11.3222	2.2 kOhm	5%
R....21		57.11.3154	150 kOhm	5%
R....22		57.11.3473	47 kOhm	1%
R....23		57.11.3132	1.3 kOhm	1%
R....24		57.11.3752	7.5 kOhm	1%
R....25		57.11.3220	22 Ohm	5%
R....26		57.11.3332	3.3 kOhm	5%
R....27		57.11.3220	22 Ohm	5%
R....28		57.11.3220	22 Ohm	5%
R....29		57.11.3822	8.2 kOhm	5%
R....30		57.11.3102	1 kOhm	5%
R....31		57.11.3479	4.7 Ohm	5%
R....32		57.11.3222	2.2 kOhm	1%
R....33		57.11.3100	10 Ohm	5%
R....34		57.11.3279	2.7 Ohm	5%
R....35		57.11.3222	2.2 kOhm	1%
R....36		57.11.3229	2.2 Ohm	5%
R....37		57.11.3102	1 kOhm	1%
R....38		57.11.3103	10 kOhm	5%
R....39		57.11.3203	20 kOhm	1%
R....40		57.11.3133	13 kOhm	1%
R....41		57.11.3683	68 kOhm	5%
R....42		57.11.3102	1 kOhm	5%
R....43		57.11.3473	47 kOhm	5%
R....44		57.11.3102	1 kOhm	5%
R....45		57.11.3470	47 Ohm	5%
R....46		57.11.3103	10 kOhm	5%
R....47		57.11.3332	3.3 kOhm	5%
R....48		57.11.3222	2.2 kOhm	5%
R....49		57.11.3154	150 kOhm	5%
R....50		57.11.3103	10 kOhm	1%
R....51		57.11.3473	47 kOhm	1%
R....52		57.11.3220	22 Ohm	5%
R....53		57.11.3332	3.3 kOhm	5%
R....54		57.11.3103	10 kOhm	1%
R....55		57.11.3132	1.3 kOhm	1%
R....56		57.11.3220	22 Ohm	5%
R....57		57.11.3220	22 Ohm	5%
R....58		57.11.3222	2.2 kOhm	5%
R....59		57.11.3222	2.2 kOhm	5%
R....60		57.11.3123	12 kOhm	5%
R....61		57.11.3222	2.2 kOhm	5%
R....62		57.56.2050	50 mOhm	3%, 3W
RA....1		58.05.1501	500 Ohm	10%, multi turn
RA....2		58.05.1501	500 Ohm	10%, multi turn
T.....1		1.022.629.00		Switching Transformer St
T.....2		1.022.627.00		Switching Transformer St
TP....1		54.02.0320		Test Point

!/ \ = Increasing of safety relative to risk of fire.

Note 1 - Connector:
10 contacts, AMP Nr. 826 852-3

Note 2 - Connector:
case, Studer Nr. 54.02.0409
Molex Nr. 03-06-1121
12 contacts, Studer Nr. 54.02.0407
Molex Nr. 02-06-7103

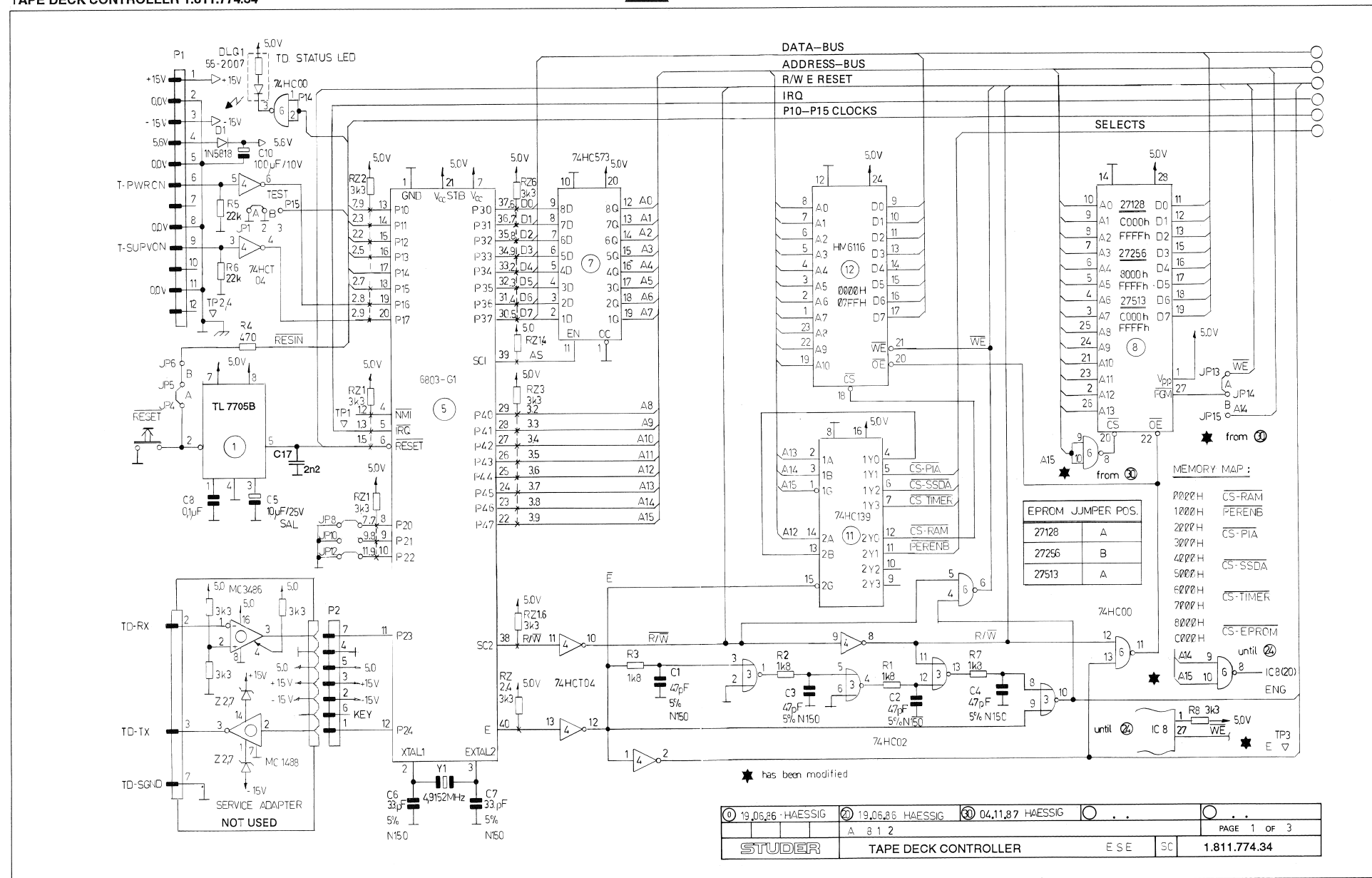
Note 3 - Connector:
case, Studer Nr. 54.02.0408
Molex Nr. 03-06-2121
12 contacts, Studer Nr. 54.02.0406
Molex Nr. 02-06-8103

Ce=Ceramic, El=Electrolytic, MPETP=Metallized Polyesterfilm,
PETP=Polyesterfilm, MPC=Metallized Polycarbonate film.

MANUFACTURER: Fe=Ferranti, GI=General Instruments, IPS=Integrated Power
Semiconductor, ITT=Intermetall, IR=International Rectifier,
Mot=Motorola, NS=National Semiconductors, Ph=Philips,
RCA=RCA Corporation, Ses=Sesocsem, SGS=SGS/Ates, SG=Silicon
General, Sie=Siemens, Sig=Signetics, Six=Siliconix,
St=Studer, Tf=Telefunken, Tho=Thomson, Ti=Texas Instruments,
Un=Unitrode, Vo=Vogt & Co.

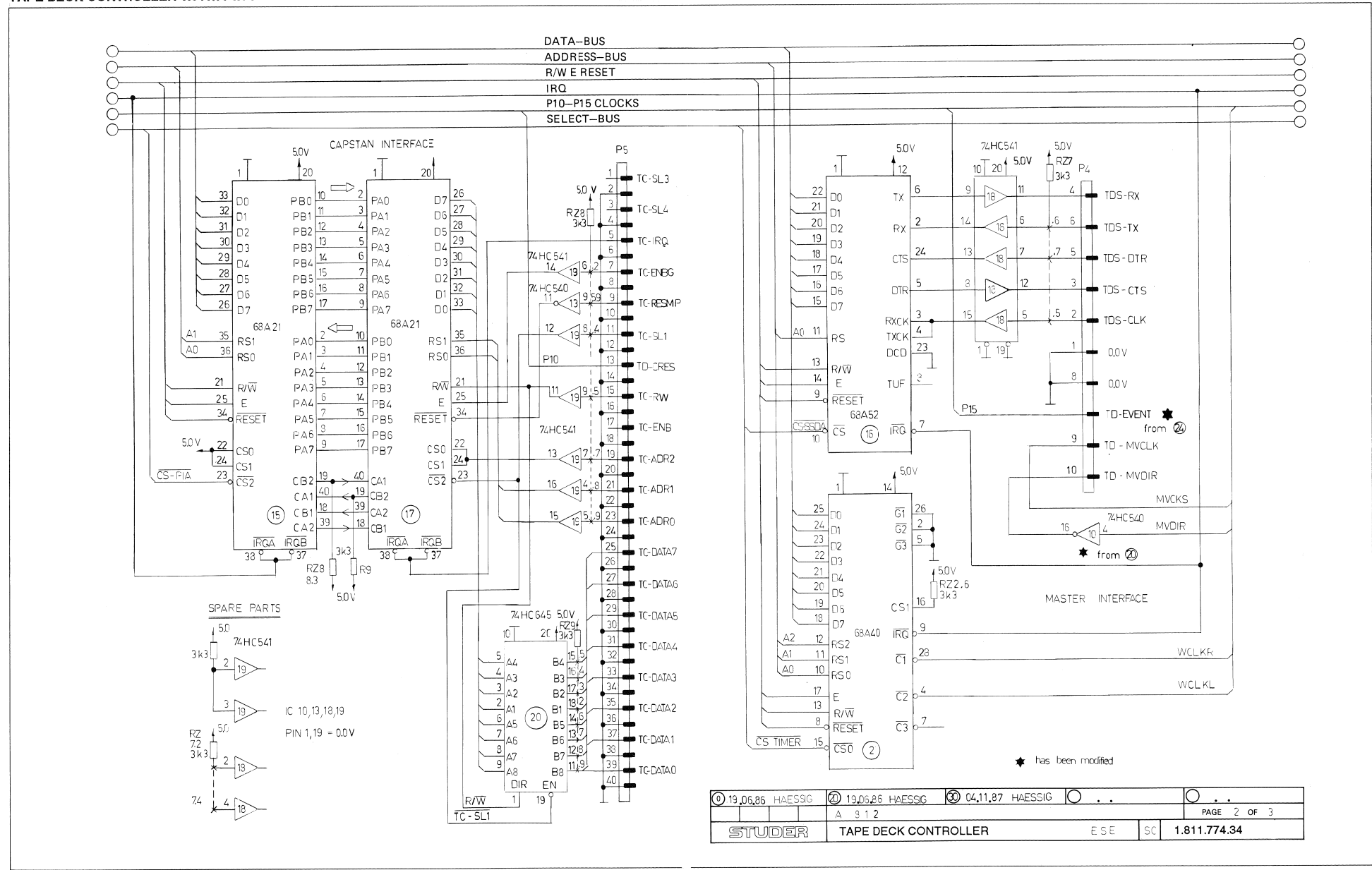
1.811.790.81 STABILIZER GP 95/03/2200

TAPE DECK CONTROLLER 1.811.774.34





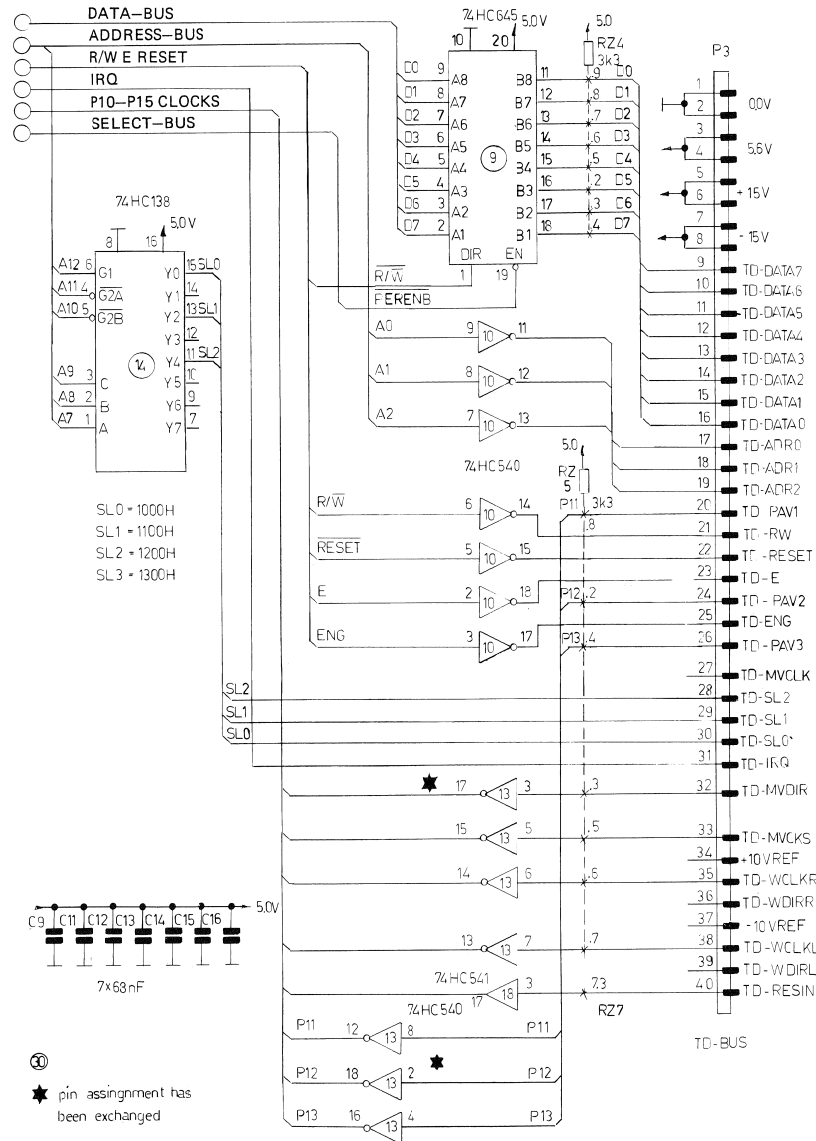
TAPE DECK CONTROLLER 1.811.774.34



① 19,06,86 HAESSIG	② 19,05,26 HAESSIG	③ 04,11,87 HAESSIG	○ . . .	○ . . .
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STUDER TAPE DECK CONTROLLER		E S E	SC	1.811.774.34

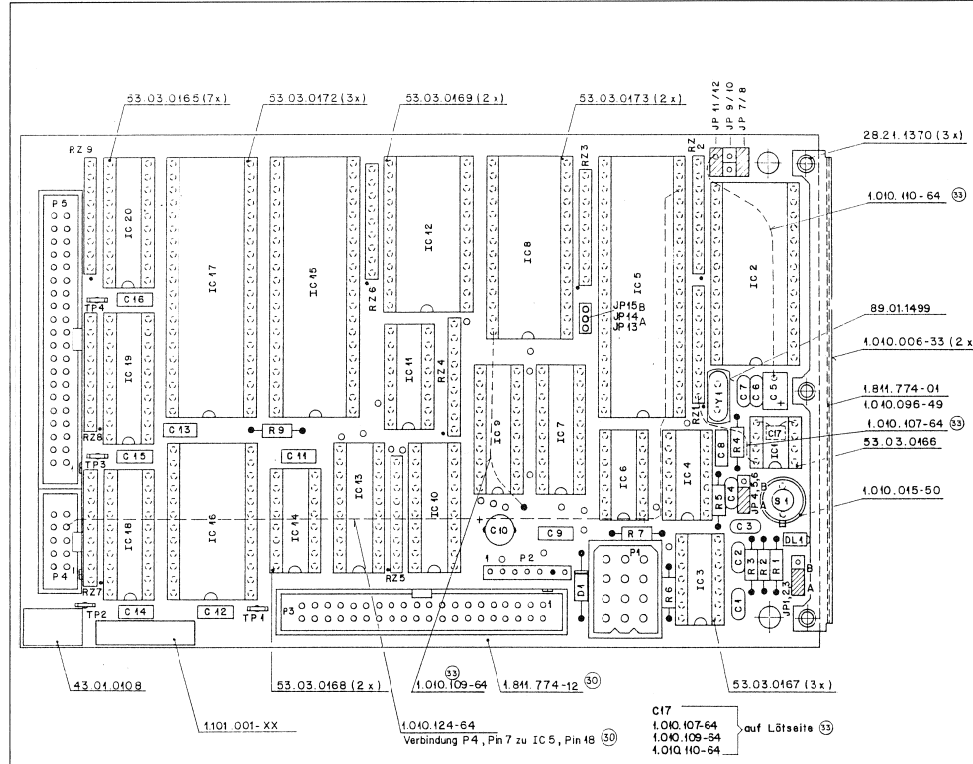


TAPE DECK CONTROLLER 1.811.774.34



① 19.06.85 HAESSIG	② 19.06.86 HAESSIG	③ 02.12.86 HAESSIG	○ . . .	○ . . .
A 8 1 2		PAGE 3 OF 3		
STUDER	TAPE DECK CONTROLLER	E S E	SC	1.811.774.34

TAPE DECK CONTROLLER 1.811.774.34



30 Jumper Position JP13, JP14, JP15:
 JP15 Eprom 27256 (32kx8) 50.14.0153 Position B
 JP14 Eprom 27128 (16kx8) 50.14.0125 Position A
 JP13 Eprom 27513 (4x16kx8) 50.14.2001 Position A

ACHUNG	13.7.92	24	21	21	21	21	21
1.11.91	24	21	21	21	21	21	21
6.3.91	21	21	21	21	21	21	21
17.4.90	21	21	21	21	21	21	21
4.11.87	A.Ho	21	21	21	21	21	21
Datum	Gez.	Gepr.	Ues.	Indst.			
Kopie Nr.:							

STUDER
REGERSDORF
ZÜRICH

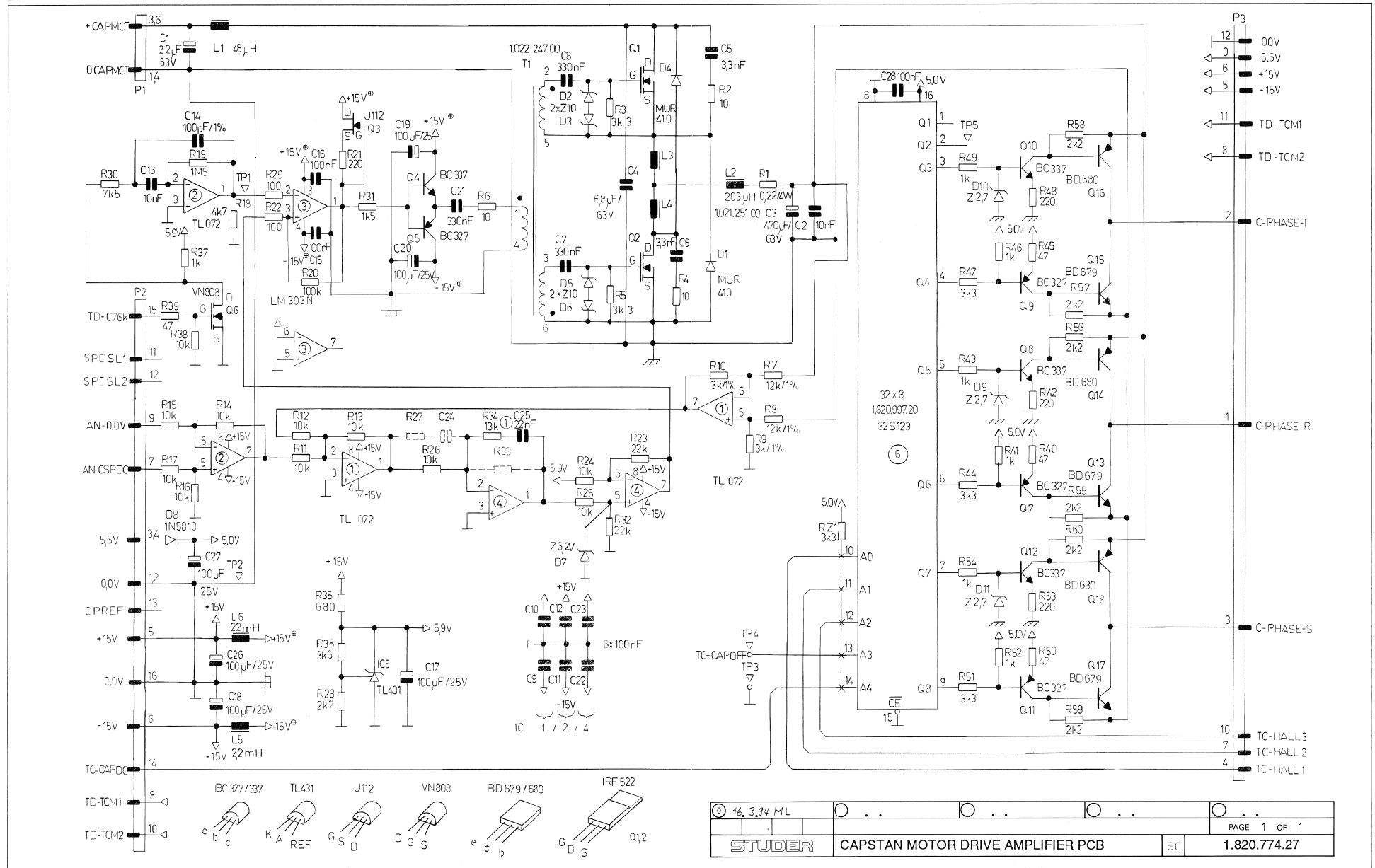
TAPE DECK CONTROLLER

1.811.774.34

Ad	..POS.	..REF.No.	DESCRIPTION	MANUFACTURER
C.....1	59.34.2470	47 pF	5%, Ce	
C.....2	59.34.2470	47 pF	5%, Ce	
C.....3	59.34.2470	47 pF	5%, Ce	
C.....4	59.34.2470	47 pF	5%, Ce	
C.....5	59.26.2100	10 uF	20%, Sa1	
C.....6	59.34.2330	33 pF	5%, Ce	
C.....7	59.34.2330	33 pF	5%, Ce	
C.....8	59.06.0104	100 nF	10%, PETP	
C.....9	59.06.0663	68 nF	10%, PETP	
C.....10	59.22.3101	100 uF	-20%, 10V, EI	
C.....11	59.06.0663	68 nF	10%, PETP	
C.....12	59.06.0663	68 nF	10%, PETP	
C.....13	59.06.0663	68 nF	10%, PETP	
C.....14	59.06.0663	68 nF	10%, PETP	
C.....15	59.06.0663	68 nF	10%, PETP	
C.....16	59.06.0663	68 nF	10%, PETP	
C.....17	59.06.0222	2.2 nF	10%, PETP	
D.....1	50.04.0532	1N 5818	1N 5819	Mot
DL.....1	50.04.2107	555-2007		Di
IC.....1	50.11.0122	TL7705ACP		TI
IC.....2	50.11.0137	TL7705BCP		TI
IC.....3	50.16.0135	HD68440P		Hi, Mot
IC.....4	50.17.1002	74 HC 02	.. 74 HC 02	Mot, NS, TI
IC.....5	50.17.0024	74 HCT 04	.. 74 HCT 04	Mot, NS, Ph, RCA, SGS, To
IC.....6	50.16.0135	HD68440P		Hi, Mot
IC.....7	50.17.1000	74 HC 00	.. 74 HC 00	Mot, NS, TI
IC.....8	50.17.1573	74 HC 573	.. 74 HC 573	Mot, NS, TI
IC.....9	50.14.0125	27128	SW TAPE DECK 52/87 1.811.997.30	
IC.....10	50.14.0125	27128	SW TAPE DECK 11/91 1.811.997.32	
IC.....11	50.17.1645	74 HC 645	.. 74 HC 645	Mot, NS, Ph, RCA, SGS, TI, To
IC.....12	50.17.1540	74 HC 540	.. 74 HC 540	Mot, NS, TI
IC.....13	50.17.1139	74 HC 139	.. 74 HC 139	Mot, NS, TI
IC.....14	50.14.0107	HM6116LP-4	see note 1	
IC.....15	50.17.1540	74 HC 540	.. 74 HC 540	Mot, NS, TI
IC.....16	50.17.1138	74 HC 138	.. 74 HC 138	Mot, NS, TI
IC.....17	50.16.0106	MC68A21P	S68A21P, F68A21P	AMI, Fc, Mot
IC.....18	50.16.0114	MC68A22P	HD68A22P, S68A22P	AMI, Hi, Mot
IC.....19	50.16.0106	MC68A21P	S68A21P, F68A21P	AMI, Fc, Mot
IC.....20	50.17.1541	74 HC 541	.. 74 HC 541	Mot, NS, TI
IC.....21	50.17.1541	74 HC 541	.. 74 HC 541	Mot, NS, TI
IC.....22	50.17.1645	74 HC 645	.. 74 HC 645	Mot, NS, Ph, RCA, SGS, TI, To
JP.....1	54.01.0020		see note 2	
JP.....2	54.01.0020		see note 2	
JP.....3	54.01.0020		see note 2	
JP.....4	54.01.0020		see note 2	
JP.....5	54.01.0020		see note 2	
JP.....6	54.01.0020		see note 2	
JP.....7	54.01.0020		see note 2	
JP.....8	54.01.0020		see note 2	
JP.....9	54.01.0020		see note 2	
JP.....10	54.01.0020		see note 2	
JP.....11	54.01.0020		see note 2	
JP.....12	54.01.0020		see note 2	
JP.....13	54.01.0020		see note 2	
JP.....14	54.01.0020		see note 2	
JP.....15	54.01.0020		see note 2	
P.....1	54.02.0406	12 cont.	see note 3	
P.....2	54.01.0020	7 pcs.	see note 4	
P.....3	54.14.2004	40 cont.	see note 5	
P.....4	54.14.2001	10 cont.	see note 6	
P.....5	54.14.2004	40 cont.	see note 5	
R.....1	57.11.3182	1.8 kOhm	5%	
R.....2	57.11.3182	1.8 kOhm	5%	
R.....3	57.11.3182	1.8 kOhm	5%	
R.....4	57.11.3471	470 Ohm	5%	
R.....5	57.11.3223	22 kOhm	5%	
R.....6	57.11.3223	22 kOhm	5%	
R.....7	57.11.3182	1.8 kOhm	5%	
R.....8	00.00.0000		not used	
R.....9	57.11.3332	3.3 kOhm	5%	
RZ.....1	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
RZ.....2	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
RZ.....3	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
RZ.....4	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
RZ.....5	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
RZ.....6	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
RZ.....7	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
RZ.....8	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
RZ.....9	57.88.4332		Network 8 * 3.3 kOhm, 5%, see note 7	
S.....1	55.03.0122		Chicago Switch Nr. 34-650-001	
TP.....1	54.02.0320		Test point	
TP.....2	54.02.0320		Test point	
TP.....3	54.02.0320		Test point	
TP.....4	54.02.0320		Test point	
XIC.....1	53.03.0166		DIL 8-POL	
XIC.....2	53.03.0173		DIL 28-POL	
XIC.....3	53.03.0167		DIL 14-POL	
XIC.....4	53.03.0167		DIL 14-POL	
XIC.....5	53.03.0172		DIL 40-POL	
XIC.....6	53.03.0167		DIL 14-POL	
XIC.....7	53.03.0166		DIL 20-POL	

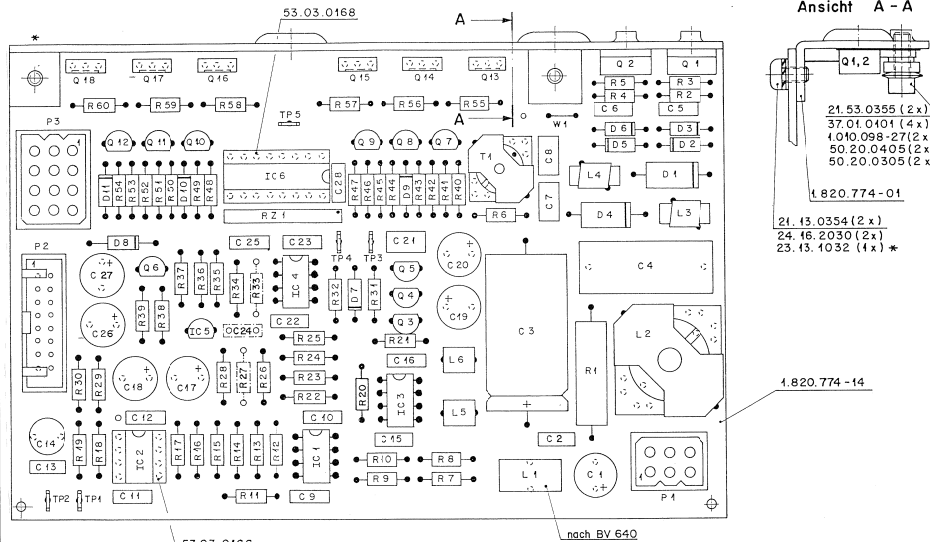
Ad	..POS.	..REF.No.	DESCRIPTION	MANUFACTURER
XIC.....8	53.03.0173		DIL 28-POL	
XIC.....9	53.03.0165		DIL 20-POL	
XIC.....10	53.03.0165		DIL 20-POL	
XIC.....11	53.03.0168		DIL 16-POL	
XIC.....12	53.03.0169		DIL 24-POL	
XIC.....13	53.03.0165		DIL 20-POL	
XIC.....14	53.03.0168		DIL 16-POL	
XIC.....15	53.03.0172		DIL 40-POL	
XIC.....16	53.03.0169		DIL 24-POL	
XIC.....17	53.03.0172		DIL 40-POL	
XIC.....18	53.03.0165		DIL 20-POL	
XIC.....19	53.03.0165		DIL 20-POL	
XIC.....20	53.03.0165		DIL 20-POL	
Y.....1	89.01.0560		4.9152 MHz, +- 20 ppm, Nymph Nr. HC 49 U	
Index	Date	Modification	Reason	
(30)	87/11/04	PCB: -12 (Hardware 30) Software 1.811.997-30	More Memory Capability	
(31)	90/04/17	Software 15/90 : - RS 232: EDT/LFT function in variind - Improvement of locate performance		
(32)	91/03/06	Software 11/91 : - Burn-In control improved - Improved locate performance		
(33)	91/11/01	Software 11/91 : Improved reset performance		
(34)	92/07/13	Software 20/92		
Note 1	- IC Manufacturer			
	Hitachi:		HM6116 LP-3 (150 ns) HM6116 LP-4 (200 ns)	
	OKI Semiconductors:		MSM 5128-12RS MSM 5128-15RS MSM 5128-20RS MSM 5126-12RS MSM 5126-15RS MSM 5126-20RS SRM 2016 C 15	
	Suwa Seikoska:			
Note 2	- Jumper switch:			
	contact pin,	Berg Nr.	77 311-102-36	
	Bridge,	Philips Nr.	2422 062 43241	
		Studer Nr.	54.01.0021	
		Berg Nr.	65 474-001	
		Philips Nr.	2422 024 88003	
Note 3	- Connector:			
	case,	Studer Nr.	54.02.0408	
	12 contacts,	Molex Nr.	03-06-2121	
		Studer Nr.	54.02.0406	
		Molex Nr.	02-06-8103	
Note 4	- Connector:			
		Berg Nr.	77 311-102-36	
		Philips Nr.	2422 062 43241	
Note 5	- Connector:			
	40 contacts,	Yamaichi Nr.	FAP-40-08-40 SS	
		Burndy Nr.	BPH 9 B 40 D 00 GS	
Note 6	- Connector:			
	10 contacts,	Yamaichi Nr.	FAP-10-08-40 SS	
		Burndy Nr.	BPH 9 B 10 B 00 GS	
Note 7	- Netzwerk:			
		Beckmann Nr.	L - 09 - 1 R 3.3 k J	
		Bourns Nr.	4609 X - 101 - 332	
		Matsushita Nr.	F 9 E 3.3 k 5%	
		Sprague Nr.	256 Cj 332 2p	
		Tana Nr.	MRC C 09 X 3.3 k J	
		Co=Ceramic, El=Electrolytic, PETP=Polyesterfilm, Sa1=Solid aluminium.		
MANUFACTURERS:	AMI=American Microsystems Inc., Di=Diaco, Fc=Fairchild, Hi=Hitachi, Mot=Motorola, NS=National Semiconductors, Ph=Philips, RCA=RCA Corporation, SGS=SGS/Ates, TI=Texas Instruments, Tho=Thomson, To=Toshiba.			
1.811.774.00	TAPE DECK CONTROLLER 2000		BD 87/11/0400	
1.811.774.30	TAPE DECK CONTROLLER 2000		BD 87/11/0430	
1.811.774.31	TAPE DECK CONTROLLER 2000		HR90/04/1731	
1.811.774.32	TAPE DECK CONTROLLER 2000		ZB 91/03/0632	
1.811.774.33	TAPE DECK CONTROLLER 2000		BB79/11/0133	
1.811.774.34	TAPE DECK CONTROLLER 2000		GP 92/07/1334	
END				

CAPSTAN MOTOR DRIVE AMPLIFIER PCB 1.820.774.27





CAPSTAN MOTOR DRIVE AMPLIFIER PCB 1.820.774.27

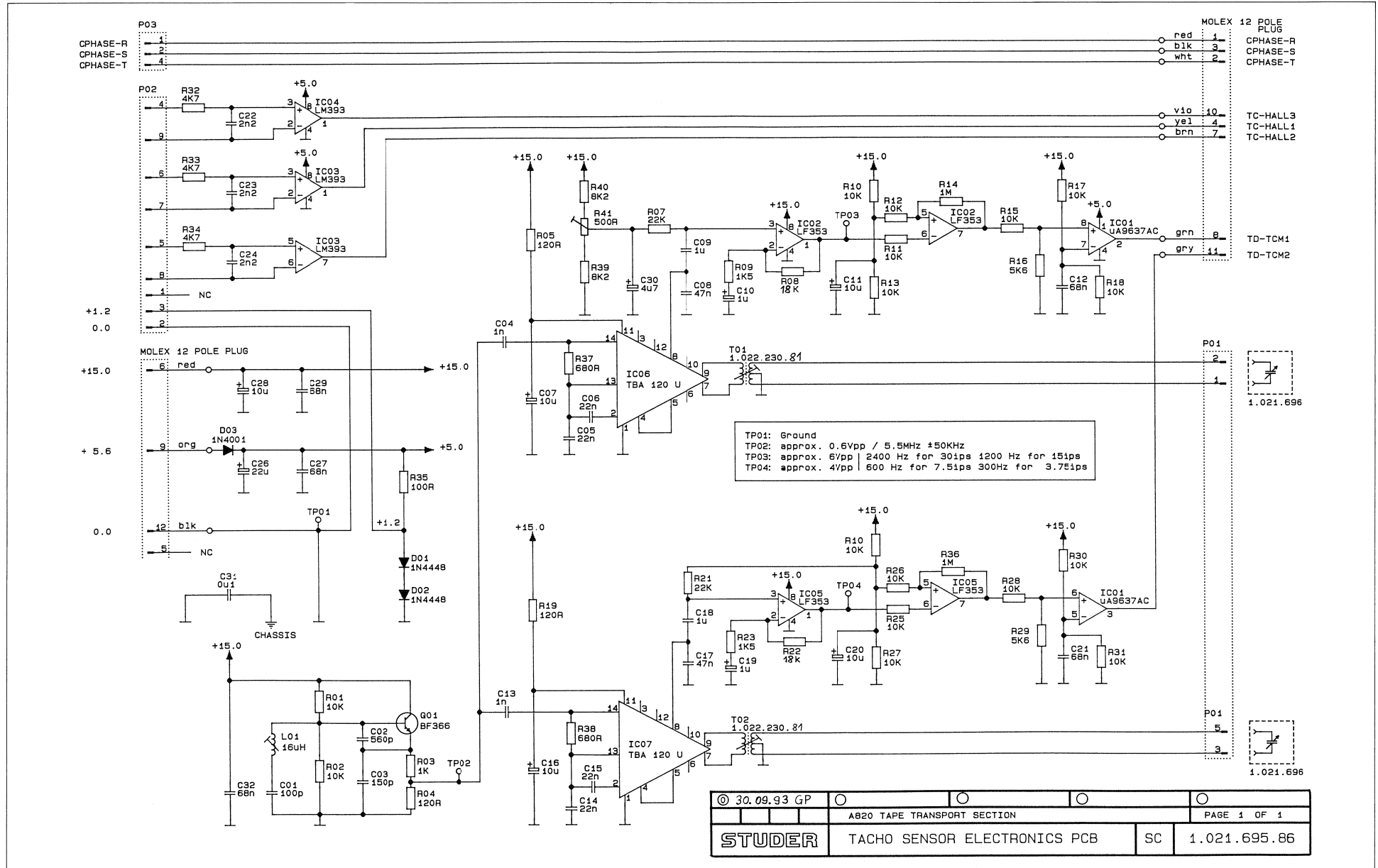


Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER	Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
C...	1	59.22.8220	22 uF	-20%, 63V, EL	R...	23	57.11.3223	22 kOhm	10%
C...	2	59.06.0103	10 nF	10%, 63V, PETP	R...	24	57.11.3103	10 kOhm	10%
C...	3	59.25.6471	470 uF	-20%, 63V, EL	R...	25	57.11.3103	10 kOhm	10%
C...	4	59.02.0685	6.8 uF	5%, 63V, MPC	R...	26	57.11.3103	10 kOhm	10%
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	1%
C...	7	59.06.0334	330 nF	10%, 63V, PETP	R...	29	57.11.3101	100 Ohm	10%
C...	8	59.06.0334	330 nF	10%, 63V, PETP	R...	30	57.11.3752	7.5 kOhm	1%
C...	9	59.06.0104	100 nF	10%, 63V, PETP	R...	31	57.11.3152	1.5 kOhm	10%
C...	10	59.06.0104	100 nF	10%, 63V, PETP	R...	32	57.11.3223	22 kOhm	10%
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	57.11.3153	13 kOhm	1%
C...	13	59.06.0103	10 nF	10%, 63V, PETP	R...	35	57.11.3681	680 Ohm	10%
C...	14	59.05.1101	100 pF	1%, 63V, PP	R...	36	57.11.3362	3.6 kOhm	1%
C...	15	59.06.0104	100 nF	10%, 63V, PETP	R...	37	57.11.3102	1 kOhm	10%
C...	16	59.06.0104	100 nF	10%, 63V, PETP	R...	38	57.11.3103	10 kOhm	10%
C...	17	59.22.5101	100 uF	-20%, 25V, EL	R...	39	57.11.3470	47 Ohm	10%
C...	18	59.22.5101	100 uF	-20%, 25V, EL	R...	40	57.11.3470	47 Ohm	10%
C...	19	59.22.5101	100 uF	-20%, 25V, EL	R...	41	57.11.3102	1 kOhm	10%
C...	20	59.22.5101	100 uF	-20%, 25V, EL	R...	42	57.11.3221	220 Ohm	10%
C...	21	59.06.0334	330 nF	10%, 63V, PETP	R...	43	57.11.3102	1 kOhm	10%
C...	22	59.06.0104	100 nF	10%, 63V, PETP	R...	44	57.11.3332	3.3 kOhm	10%
C...	23	59.06.0104	100 nF	10%, 63V, PETP	R...	45	57.11.3470	47 Ohm	10%
C...	24	00.00.0000	not used		R...	46	57.11.3102	1 kOhm	10%
C...	25	59.06.0223	22 nF	10%, 63V, PETP	R...	47	57.11.3332	3.3 kOhm	10%
C...	26	59.22.5101	100 uF	-20%, 25V, EL	R...	48	57.11.3221	220 Ohm	10%
C...	27	59.22.5102	100 uF	-20%, 25V, EL	R...	49	57.11.3102	1 kOhm	10%
C...	28	59.06.0104	100 nF	10%, 63V, PETP	R...	50	57.11.3470	47 Ohm	10%
D...	1	50.04.0521	MUR 410	ITT, Mot, Ph, T, SGS	R...	51	57.11.3332	3.3 kOhm	10%
D...	2	50.04.1216	Z 10 V	5%, 1.3M	R...	52	57.11.3102	1 kOhm	10%
D...	3	50.04.1216	Z 10 V	5%, 1.3M	R...	53	57.11.3221	220 Ohm	10%
D...	4	50.04.0521	MUR 410	ITT, Mot, Ph, T, SGS	R...	54	57.11.3102	1 kOhm	10%
D...	5	50.04.1216	Z 10 V	5%, 1.3M	R...	55	57.11.3222	2.2 kOhm	10%
D...	6	50.04.1216	Z 10 V	5%, 1.3M	R...	56	57.11.3222	2.2 kOhm	10%
D...	7	50.04.1118	6.2 uF	5%, .40M	R...	57	57.11.3222	2.2 kOhm	10%
D...	8	50.04.1106	Z 2.7 V	5%, .40M	R...	58	57.11.3222	2.2 kOhm	10%
D...	9	50.04.1106	Z 2.7 V	5%, .40M	R...	59	57.11.3222	2.2 kOhm	10%
D...	10	50.04.1106	Z 2.7 V	5%, .40M	R...	60	57.11.3222	2.2 kOhm	10%
D...	11	50.04.1106	Z 2.7 V	5%, .40M	RZ...	1	57.88.4332	Network	8 * 3.3 kOhm, 2%, SIP 9
IC...	1	50.09.0101	TL 072 CP	Mot, Ti, NS	T...	1	1.022.247.00	Drive Transformer	St
IC...	2	50.09.0101	TL 072 CP	Mot, Ti, NS	TP...	1	54.02.0320	Connector	1 contact, 2.8*0.8, flat
IC...	3	50.05.0283	LM 393 ...	NS, Sig, Ti, The	TP...	2	54.02.0320	Connector	1 contact, 2.8*0.8, flat
IC...	4	50.09.0101	TL 072 CP	Mot, Ti, NS	TP...	3	54.02.0320	Connector	1 contact, 2.8*0.8, flat
IC...	5	50.10.0106	TL 431CP	Mot, Ti	TP...	4	54.02.0320	Connector	1 contact, 2.8*0.8, flat
IC...	6	1.820.997.20	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, RH 5					
L...	6	62.02.3222	2.2 mH	10%, Rad, RH 5					
F...	1	54.02.0418	Connector	6 contacts, MOLEX, see note 2					
F...	2	54.14.2102	Connector	16 contacts, latch, flat cable					
F...	3	54.02.0408	Connector	12 contacts, MOLEX, see note 1					
C...	1	50.03.1502	IRF 522	MTP 8810	IR, Mot				
C...	2	50.03.1502	IRF 522	MTP 8810	IR, Mot				
C...	3	50.03.0350	J-112		Mot				
C...	4	50.03.0340	BC 327-25		ITT, Ph, Sie				
C...	5	50.03.0351	BC 327-25		ITT, Ph, Sie				
C...	6	50.03.1505	VN 8008 H	ZVN 0108 A	Fe, Six				
C...	7	50.03.0351	BC 327-25		ITT, Ph, Sie				
C...	8	50.03.0340	BC 327-25		ITT, Ph, Sie				
C...	9	50.03.0351	BC 327-25		ITT, Ph, Sie				
C...	10	50.03.0340	BC 327-25		ITT, Ph, Sie				
C...	11	50.03.0351	BC 327-25		ITT, Ph, Sie				
C...	12	50.03.0340	BC 327-25		ITT, Ph, Sie				
C...	13	50.03.0749	BD 679		Ph				
C...	14	50.03.0799	BD 680		Ph				
C...	15	50.03.0749	BD 679		Ph				
C...	16	50.03.0799	BD 680		Ph				
C...	17	50.03.0749	BD 679		Ph				
C...	18	50.03.0799	BD 680		Ph				
F...	1	57.56.5228	0.22 Ohm	10%, 4 W, W					
F...	2	57.11.3100	10 Ohm	10%					
F...	3	57.11.3332	3.3 kOhm	10%					
F...	4	57.11.3100	10 Ohm	10%					
F...	5	57.11.3332	3.3 kOhm	10%					
F...	6	57.11.3100	10 Ohm	10%					
F...	7	57.11.3123	12 kOhm	1%					
F...	8	57.11.3123	12 kOhm	1%					
F...	9	57.11.3302	3 kOhm	1%					
F...	10	57.11.3302	3 kOhm	1%					
F...	11	57.11.3103	10 kOhm	10%					
F...	12	57.11.3103	10 kOhm	10%					
F...	13	57.11.3103	10 kOhm	10%					
F...	14	57.11.3103	10 kOhm	10%					
F...	15	57.11.3103	10 kOhm	10%					
F...	16	57.11.3103	10 kOhm	10%					
F...	17	57.11.3103	10 kOhm	10%					
F...	18	57.11.3472	4.7 kOhm	10%					
F...	19	57.11.5155	1.5 Mohm	10%					
F...	20	57.11.3104	100 kOhm	10%					
F...	21	57.11.3221	220 Ohm	10%					
F...	22	57.11.3101	100 Ohm	10%					

STUDER	CAPSTAN MOTOR
REISENBERGER	DRIVE AMPL. ESE
ZURICH	
1.820.774-27	

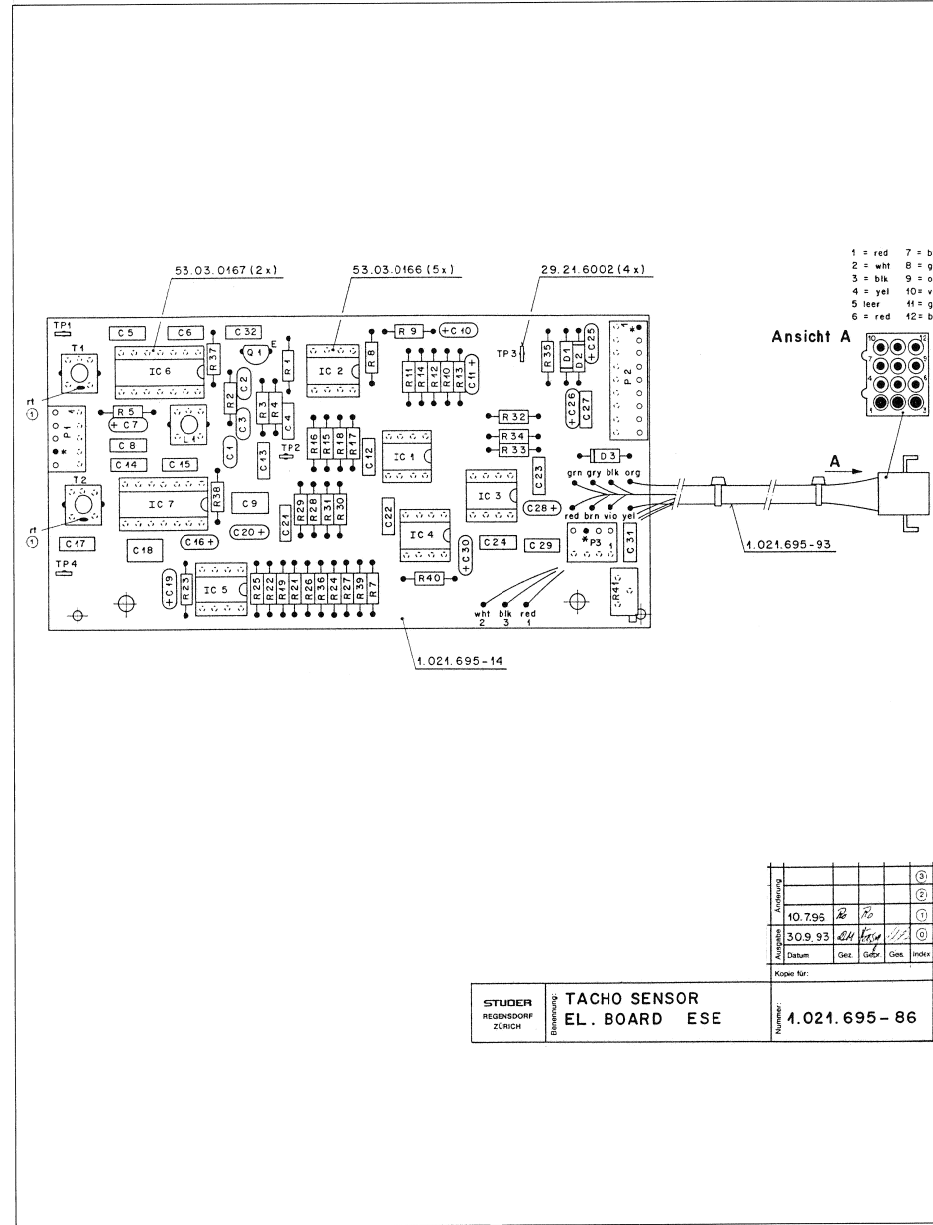


TACHO SENSOR ELECTRONICS PCB 1.021.695.86





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%, RMS
0 C 5	59.06.0223	22n		PETP, 63V, 10%, RMS
0 C 6	59.06.0223	22n		PETP, 63V, 10%, RMS
0 C 7	59.26.2100	10u		SAL, 20%, 16V
0 C 8	59.06.0473	47n		PETP, 63V, 10%, RMS
0 C 9	59.06.0105	1u0		PETP, 50V, 10%, RMS
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%, RMS
0 C 13	59.06.0102	1n0		PETP, 63V, 10%, RMS
0 C 14	59.06.0223	22n		PETP, 63V, 10%, RMS
0 C 15	59.06.0223	22n		PETP, 63V, 10%, RMS
0 C 16	59.26.2100	10u		SAL, 20%, 16V
0 C 17	59.06.0473	47n		PETP, 63V, 10%, RMS
0 C 18	59.06.0105	1u0		PETP, 50V, 10%, RMS
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%, RMS
0 C 22	59.06.0222	2n2		PETP, 63V, 10%, RMS
0 C 23	59.06.0222	2n2		PETP, 63V, 10%, RMS
0 C 24	59.06.0222	2n2		PETP, 63V, 10%, RMS
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%, RMS
0 C 28	59.26.2100	10u		SAL, 20%, 16V
0 C 29	59.06.0683	68n		PETP, 63V, 10%, RMS
0 C 30	59.26.1479	4u7		SAL, 20%, 10V
0 C 31	59.06.0104	100n		PETP, 63V, 10%, RMS
0 C 32	59.06.0683	68n		PETP, 63V, 10%, RMS
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-DROSSSEL 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
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
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

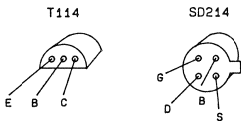
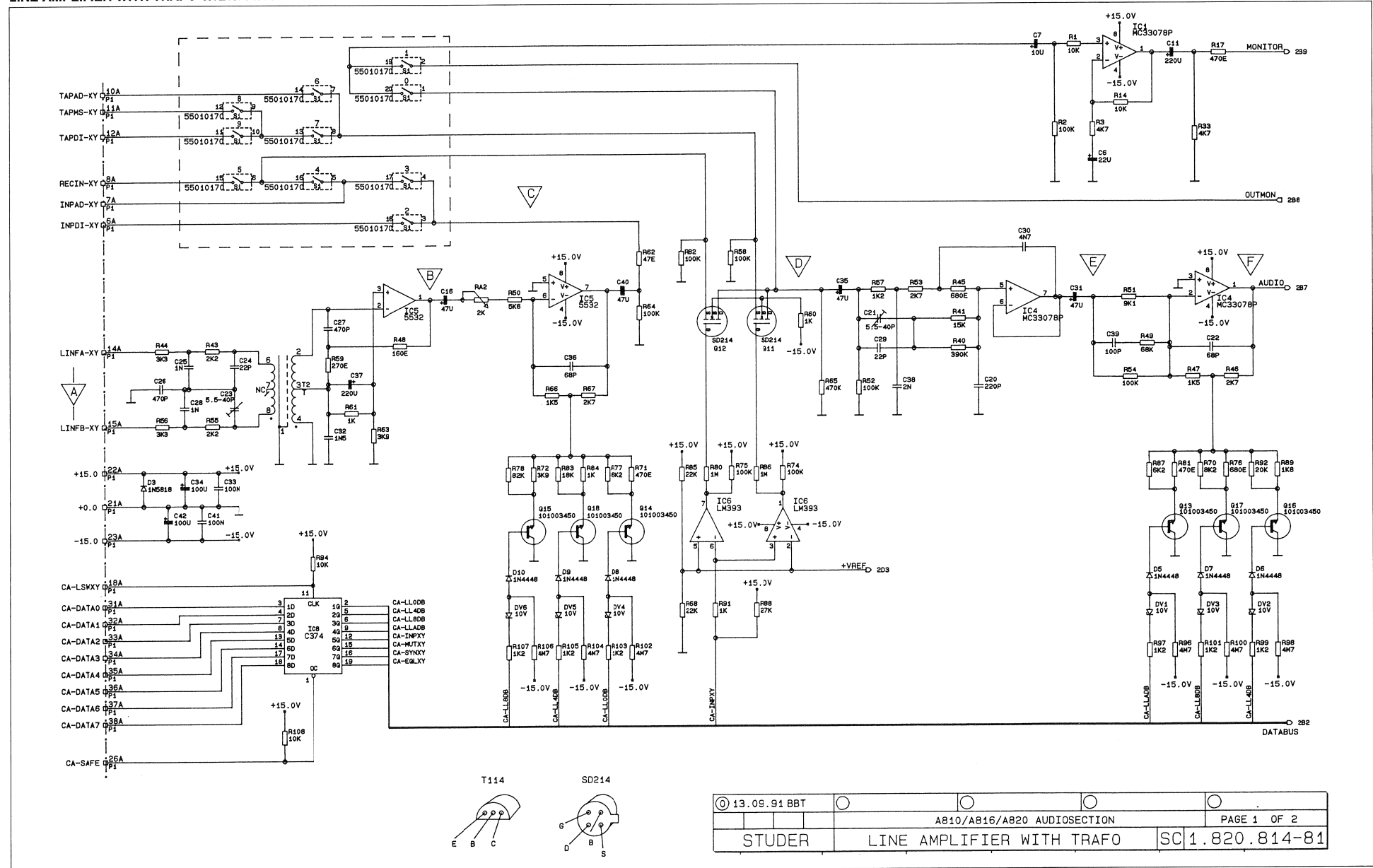
Comments:

- * Note 1: Pot. Bourns, Nr.: 3296 Z-1-501
- * Spectrol, Nr.: 64 Z 501 T 000
- * Murata, Nr.: Pot 3105 Z-1-501
- * Note 2: Plug. 5-Pin AMP, Nr.: -163.680-3
- * Note 3: Plug. 9-Pin AMP, Nr.: -163.680-7
- * Note 4: Plug. 3-Pin AMP, Nr.: -163.680-1
- * CE=Ceramic, EL=Electrolytic, PETP=Polyester Film
- * MANUFACTURER: Fc=Fairchild, Gl=General Instruments, ITT=Intermetall, Mot=Mokrola, NS=National Semiconductors, Ph=Philips, Sie=Siemens, St=Studer, Ti=Texas Instruments

(e1) T1+T2 -81 changed to -82



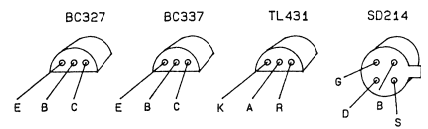
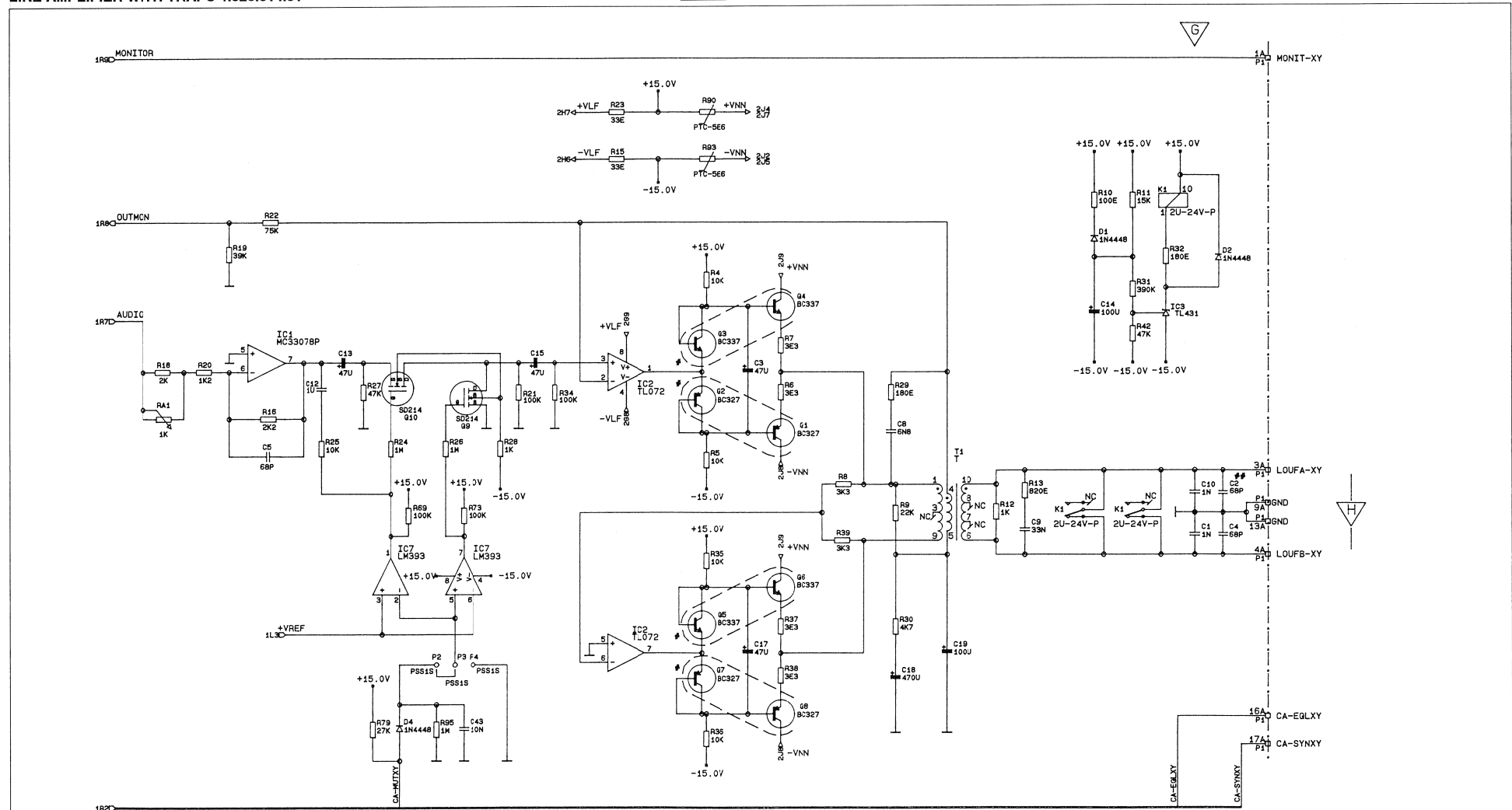
LINE AMPLIFIER WITH TRAF0 1.820.814.81



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A810/A816/A820 AUDIOSECTION		PAGE 1 OF 2	
STUDER	LINE AMPLIFIER WITH TRAF0	SC1.820.814-81	



LINE AMPLIFIER WITH TRAF0 1.820.814.81

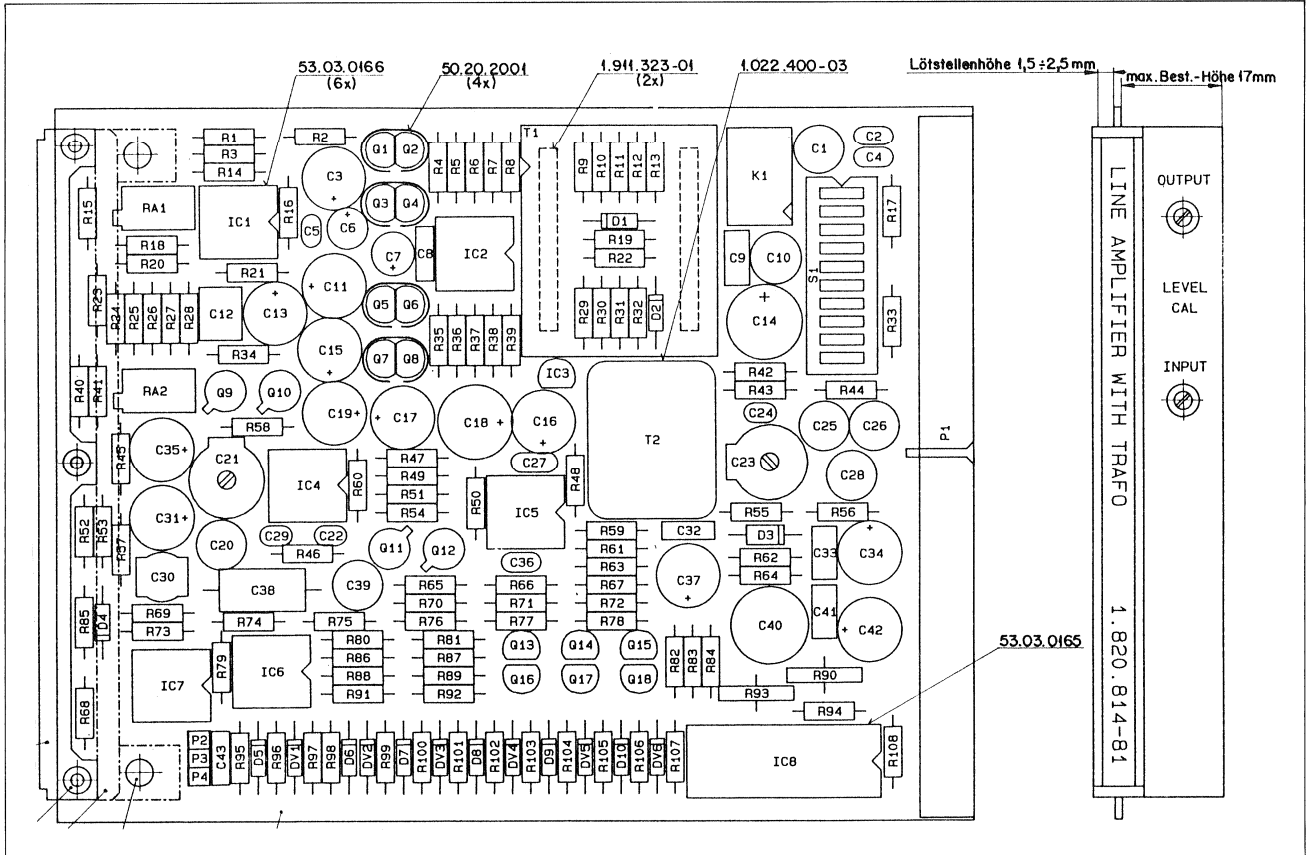


* VBE MATCHED AND THERM. COUPLED
 ** C2 NOT USED

① 13.09.91 BBT			
A810/A816/A820 AUDIOSECTION			PAGE 2 OF 2
STUDER	LINE AMPLIFIER WITH TRAF0	SC1.820.814-81	



LINE AMPLIFIER WITH TRAF0 1.820.814.81



Ad	..POS.	..REF.No.	DESCRIPTION	MANUFACTURER	Ad	..POS.	..REF.No.	DESCRIPTION	MANUFACTURER
C.....1	59.05.1102	1 nF	1%, 630V, PP		D.....1	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
C.....2	00.00.0000	not used			D.....2	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
C.....3	59.22.4470	47 uF	-20%, 16V, EL		D.....3	50.04.0512	1N 5818	1N 5819	Mot
C.....4	59.34.2680	68 pF	5%, CER		D.....4	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
C.....5	59.34.4680	68 pF	5%, CER		D.....5	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
C.....6	59.22.5220	22 uF	-20%, 25V, EL		D.....6	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
C.....7	59.22.6100	10 uF	-20%, 35V, EL		D.....7	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
C.....8	59.06.0682	6.8 nF	10%, 63V, PETP		D.....8	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
C.....9	59.06.0333	33 nF	10%, 63V, PETP		D.....9	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
C.....10	59.05.1102	1 nF	1%, 630V, PP		D.....10	50.04.0125	1N 4448		Fc,ITT,Ph,Tf
01 C.....11	59.22.3221	220 uF	-20%, 10V, EL		DV.....1	50.04.1114	10 V	5%, 0.4 W, Z	ITT,Mot,Ph,Tf,SGS
C.....12	00.00.0000	not used			DV.....2	50.04.1114	10 V	5%, 0.4 W, Z	ITT,Mot,Ph,Tf,SGS
C.....13	59.22.4470	47 uF	-20%, 16V, EL		DV.....3	50.04.1114	10 V	5%, 0.4 W, Z	ITT,Mot,Ph,Tf,SGS
C.....14	59.22.6101	100 uF	-20%, 40V, EL		DV.....4	50.04.1114	10 V	5%, 0.4 W, Z	ITT,Mot,Ph,Tf,SGS
C.....15	59.22.4470	47 uF	-20%, 16V, EL		DV.....5	50.04.1114	10 V	5%, 0.4 W, Z	ITT,Mot,Ph,Tf,SGS
C.....16	59.22.4470	47 uF	-20%, 16V, EL		DV.....6	50.04.1114	10 V	5%, 0.4 W, Z	ITT,Mot,Ph,Tf,SGS
C.....17	59.22.4470	47 uF	-20%, 16V, EL		IC.....1	50.09.0117	MC 33078P		Mot
C.....18	59.22.2471	470 uF	-20%, 6.3V, EL		IC.....2	50.09.0101	TL 072 CP		Mot,Ti,NS,SGS
C.....19	59.22.4101	100 uF	-20%, 16V, EL		IC.....3	50.10.0106	TL 431CLP		Mot,Ti
C.....20	59.05.1221	220 pF	1%, 630V, PP		IC.....4	50.09.0117	MC 33078P		Mot
C.....21	59.18.0108	5.5--40 pF	100V, TRI		IC.....5	50.09.0106	NE 5532AN	XR 5532 AN	Ex,Sig,Ra
C.....22	59.34.4680	68 pF	5%, CER		IC.....6	50.05.0283	LM 393 ..	TDB 0193 DP	Fa,Sig
C.....23	59.18.0108	5.5--40 pF	100V, TRI		IC.....7	50.05.0283	LM 393 ..	TDB 0193 DP	Fa,Sig
C.....24	59.34.2220	22 pF	5%, CER		IC.....8	50.07.0003	MM74C374N		NS
C.....25	59.05.1102	1 nF	1%, 630V, PP		J.....1	54.01.0021	Jumper		
C.....26	59.05.2471	470 pF	2.5%, 630V, PP		K.....1	56.04.0197	24 V 2*U	125V/ 2 A, AG/AU	SDS
C.....27	59.34.5471	470 pF	5%, CER		P.....2	54.01.0020	Connector	contact pin .63*.63, H=5.8/3.4	
C.....28	59.05.1102	1 nF	1%, 630V, PP		P.....3	54.01.0020	Connector	contact pin .63*.63, H=5.8/3.4	
C.....29	59.34.2220	22 pF	5%, CER		P.....4	54.01.0020	Connector	contact pin .63*.63, H=5.8/3.4	
C.....30	59.05.1472	4.7 nF	1%, 63V, PP		Q.....1	50.03.0625	BC 327	E 6310, see note 2	Sie
C.....31	59.22.4470	47 uF	-20%, 16V, EL		Q.....2	50.03.0625	BC 327	E 6310, see note 2	Sie
C.....32	59.06.0152	1.5 nF	10%, 63V, PETP		Q.....3	50.03.0516	BC 337	E 6310, see note 2	Sie
C.....33	59.06.0104	100 nF	10%, 63V, PETP		Q.....4	50.03.0516	BC 337	E 6310, see note 2	Sie
C.....34	59.22.5101	100 uF	-20%, 25V, EL		Q.....5	50.03.0516	BC 337	E 6310, see note 2	Sie
C.....35	59.22.4470	47 uF	-20%, 16V, EL		Q.....6	50.03.0516	BC 337	E 6310, see note 2	Sie
C.....36	59.34.2680	68 pF	5%, CER		Q.....7	50.03.0625	BC 327	E 6310, see note 2	Sie
C.....37	59.22.3221	220 uF	-20%, 10V, EL		Q.....8	50.03.0625	BC 327	E 6310, see note 2	Sie
C.....38	59.12.7202	2 nF	1%, 63V, PS		Q.....9	50.11.0106	SD 214-DE		Ph,Six
C.....39	59.05.1101	100 pF	1%, 630V, PP		Q.....10	50.11.0106	SD 214-DE		Ph,Six
C.....40	59.99.0401	47 uF	-10%, 16V, ELBIP						
C.....41	59.06.0104	100 nF	10%, 63V, PETP						
C.....42	59.22.5101	100 uF	-20%, 25V, EL						
C.....43	59.06.5103	10 nF	5%, 63V, PETP						



LINE AMPLIFIER WITH TRAF0 1.820.814.81

Ad	..POS..	..REF.No...	DESCRIPTION.....	MANUFACTURER	Ad	..POS..	..REF.No...	DESCRIPTION.....	MANUFACTURER
Q....11	50.11.0106		SD 214-DE	Ph,Six	R....81	57.11.3471	470 Ohm	1% 0207	MF
Q....12	50.11.0106		SD 214-DE	Ph,Six	R....82	57.11.3104	100 kOhm	10%, 0207	MF
Q....13	1.010.034.50	Q, NPN	see note 1		R....83	57.11.3183	18 kOhm	5%, 0207	MF
Q....14	1.010.034.50	Q, NPN	see note 1		R....84	57.11.3102	1 kOhm	1%, 0207	MF
Q....15	1.010.034.50	Q, NPN	see note 1		R....85	57.11.3223	22 kOhm	10%, 0207	MF
Q....16	1.010.034.50	Q, NPN	see note 1		R....86	57.11.3105	1 MOhm	10%, 0207	MF
Q....17	1.010.034.50	Q, NPN	see note 1		R....87	57.11.3622	6.2 kOhm	5%, 0207	MF
Q....18	1.010.034.50	Q, NPN	see note 1		R....88	57.11.3273	27 kOhm	10%, 0207	MF
					R....89	57.11.3182	1.8 kOhm	1%, 0207	MF
R....1	57.11.3103	10 kOhm	5%, 0207	MF	R....90	57.99.0209	5.6 Ohm		PTC
R....2	57.11.3104	100 kOhm	1%, 0207	MF	R....91	57.11.3102	1 kOhm	10%, 0207	MF
R....3	57.11.3472	4.7 kOhm	1%, 0207	MF	R....92	57.11.3203	20 kOhm	5%, 0207	MF
R....4	57.11.3103	10 kOhm	5%, 0207	MF	R....93	57.99.0209	5.6 Ohm		PTC
R....5	57.11.3103	10 kOhm	5%, 0207	MF	R....94	57.11.3103	10 kOhm	10%, 0207	MF
R....6	57.11.3339	3.3 Ohm	1%, 0207	MF	R....95	57.11.3105	1 MOhm	10%, 0207	MF
R....7	57.11.3339	3.3 Ohm	1%, 0207	MF	R....96	57.11.5475	4.7 MOhm	10%, 0207	MF
R....8	57.11.3332	3.3 kOhm	1%, 0207	MF	R....97	57.11.3122	1.2 kOhm	10%, 0207	MF
R....9	57.11.3223	22 kOhm	1%, 0207	MF	R....98	57.11.5475	4.7 MOhm	10%, 0207	MF
R....10	57.11.3101	100 Ohm	5%, 0207	MF	R....99	57.11.3122	1.2 kOhm	10%, 0207	MF
R....11	57.11.3153	15 kOhm	5%, 0207	MF	R....100	57.11.5475	4.7 MOhm	10%, 0207	MF
R....12	57.11.3102	1 kOhm	5%, 0207	MF	R....101	57.11.3122	1.2 kOhm	10%, 0207	MF
R....13	57.11.3821	820 Ohm	5%, 0207	MF	R....102	57.11.5475	4.7 MOhm	10%, 0207	MF
R....14	57.11.3103	10 kOhm	1%, 0207	MF	R....103	57.11.3122	1.2 kOhm	10%, 0207	MF
R....15	57.11.3330	33 Ohm	5%, 0207	MF	R....104	57.11.5475	4.7 MOhm	10%, 0207	MF
R....16	57.11.3222	2.2 kOhm	5%, 0207	MF	R....105	57.11.3122	1.2 kOhm	10%, 0207	MF
R....17	57.11.3471	470 Ohm	5%, 0207	MF	R....106	57.11.5475	4.7 MOhm	10%, 0207	MF
R....18	57.11.3202	2 kOhm	1%, 0207	MF	R....107	57.11.3122	1.2 kOhm	10%, 0207	MF
R....19	57.11.3393	39 kOhm	1%, 0207	MF	R....108	57.11.3103	10 kOhm	10%, 0207	MF
R....20	57.11.3122	1.2 kOhm	5%, 0207	MF	RA...1	58.05.0102	1 kOhm	10%, .5 W	PMG
R....21	57.11.3104	100 kOhm	5%, 0207	MF	RA...2	58.05.0202	2 kOhm	10%, .5 W	PMG
R....22	57.11.3753	75 kOhm	1%, 0207	MF	S....1	55.01.0170	DIL-Switch	10*A, Print	
R....23	57.11.3330	33 Ohm	5%, 0207	MF	T....1	1.022.362.00		LINE OUTPUT TRAF0 1:1,46	
R....24	57.11.3105	1 MOhm	10%, 0207	MF	T....2	1.022.454.00		INPUT TRAF0 1:0,175	
01 R....25	00.00.0000	not used							
R....26	57.11.3105	1 MOhm	10%, 0207	MF					
R....27	57.11.3473	47 kOhm	5%, 0207	MF					
R....28	57.11.3102	1 kOhm	10%, 0207	MF					
R....29	57.11.3181	180 Ohm	5%, 0207	MF					
R....30	57.11.3472	4.7 kOhm	5%, 0207	MF					
R....31	57.11.3394	390 kOhm	10%, 0207	MF					
R....32	57.11.3181	180 Ohm	10%, 0207	MF					
R....33	57.11.3472	4.7 kOhm	5%, 0207	MF					
R....34	57.11.3104	100 kOhm	5%, 0207	MF					
R....35	57.11.3103	10 kOhm	5%, 0207	MF					
R....36	57.11.3103	10 kOhm	5%, 0207	MF					
R....37	57.11.3339	3.3 Ohm	1%, 0207	MF					
R....38	57.11.3339	3.3 Ohm	1%, 0207	MF					
R....39	57.11.3332	3.3 kOhm	1%, 0207	MF					
R....40	57.11.3394	390 kOhm	1%, 0207	MF					
R....41	57.11.3153	15 kOhm	1%, 0207	MF					
R....42	57.11.3473	47 kOhm	10%, 0207	MF					
R....43	57.11.3222	2.2 kOhm	1%, 0207	MF					
R....44	57.11.3332	3.3 kOhm	1%, 0207	MF					
R....45	57.11.3681	680 Ohm	1%, 0207	MF					
R....46	57.11.3272	2.7 kOhm	1%, 0207	MF					
R....47	57.11.3152	1.5 kOhm	1%, 0207	MF					
R....48	57.11.3161	160 Ohm	5%, 0207	MF					
R....49	57.11.3683	68 kOhm	1%, 0207	MF					
R....50	57.11.3562	5.6 kOhm	5%, 0207	MF					
R....51	57.11.3912	9.1 kOhm	1%, 0207	MF					
R....52	57.11.3104	100 kOhm	1%, 0207	MF					
R....53	57.11.3272	2.7 kOhm	1%, 0207	MF					
R....54	57.11.3104	100 kOhm	5%, 0207	MF					
R....55	57.11.3222	2.2 kOhm	1%, 0207	MF					
R....56	57.11.3332	3.3 kOhm	1%, 0207	MF					
R....57	57.11.3122	1.2 kOhm	1%, 0207	MF					
R....58	57.11.3104	100 kOhm	10%, 0207	MF					
R....59	57.11.3271	270 Ohm	5%, 0207	MF					
R....60	57.11.3102	1 kOhm	10%, 0207	MF					
R....61	57.11.3102	1 kOhm	5%, 0207	MF					
R....62	57.11.3470	47 Ohm	10%, 0207	MF					
R....63	57.11.3392	3.9 kOhm	5%, 0207	MF					
R....64	57.11.3104	100 kOhm	10%, 0207	MF					
R....65	57.11.3474	470 kOhm	10%, 0207	MF					
R....66	57.11.3152	1.5 kOhm	1%, 0207	MF					
R....67	57.11.3272	2.7 kOhm	1%, 0207	MF					
R....68	57.11.3223	22 kOhm	10%, 0207	MF					
R....69	57.11.3104	100 kOhm	10%, 0207	MF					
R....70	57.11.3822	8.2 kOhm	5%, 0207	MF					
R....71	57.11.3471	470 Ohm	1%, 0207	MF					
R....72	57.11.3392	3.9 kOhm	1%, 0207	MF					
R....73	57.11.3104	100 kOhm	10%, 0207	MF					
R....74	57.11.3104	100 kOhm	10%, 0207	MF					
R....75	57.11.3104	100 kOhm	10%, 0207	MF					
R....76	57.11.3681	680 Ohm	1%, 0207	MF					
R....77	57.11.3622	6.2 kOhm	5%, 0207	MF					
R....78	57.11.3823	82 kOhm	5%, 0207	MF					
R....79	57.11.3273	27 kOhm	10%, 0207	MF					
R....80	57.11.3105	1 MOhm	10%, 0207	MF					

(01) 90/02/03 Removed R*C network for faster mute switching.

Note 1 - BC 337 E selected for inverse mode (IBC = 3 mA)
UCE < 0.7 mV, IE 0 mA. UCE < 25 mV, IE 4 mA.

Note 2 - Q1-Q2, Q3-Q4, Q5-Q6, Q7-Q8 matched and thermally coupled with 50.20.2001.

Cer=Ceramic, ElBip=Electrolytic Bipolar,
El=Electrolytic, Sal=Solid aluminum.

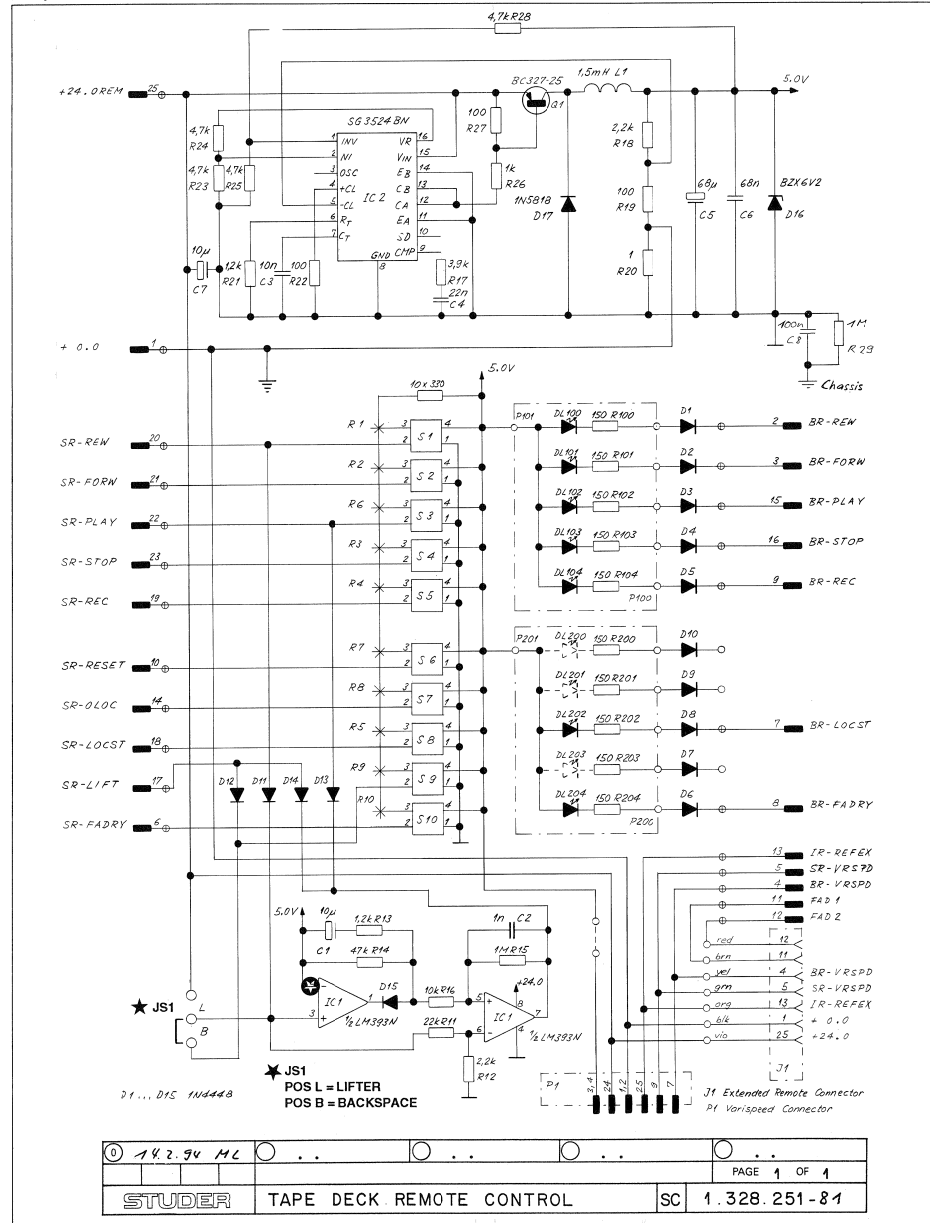
MANUFACTURER: Ex=Exar,Fas=Faselec, Fc=Fairchild, GI=General Instruments,
ITT=Intermetall, Mot=Motorola, NS=National Semicond.,
Ph=Philips, Ra=Raytheon, RCA=Radio Corp. of America,
Ses=Sesocosem, Sie=Siemens, Sig=Signetics, SGS=SGS/Ates,
St=Studer, Six=Siliconix, TS=Teledyne Semiconductors,
Tf=Telefunken, TI=Texas Instruments.

1.820.814.81 LINE AMPLIFIER WITH TRAF0 BBT91/10/0200

1.820.814.81 LINE AMPLIFIER WITH TRAF0 BBT92/02/0301

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



31 01 0103

53 03 0168

55 03 0169

1 328 252 00

23 01 1032

28 31 0006

35 03 0120

29 28 1022

35 03 0109

1 328 251 11

1 810 735 12

55 03 0262

1 810 767 01

26

JS1
POS L = LIFTER
POS B = BACKSPACE

ANSCHLÜSSE MITEINANDER
VERDRILLT FLACH AUFGELEGT
UND VERLÖTET ZUR
KUPFERLEITUNG.

verlötet
(Befestigungslöcher Print und
Lötlöse konzentrisch.)

Verschlüsse oben

Ad	POS	REF.No	DESCRIPTION	MANUFACTURER
DL..201			not used	
DL..202	50.04.2112	MW5353	CM4-584B, HUMP-3401	CM,GI,HP
DL..203			not used	
DL..204	50.04.2112	MW5353	CM4-584B, HUMP-3401	CM,GI,HP
IC....1	50.05.0283	LM393N		NS,Tho,TT
IC....2	50.05.0279	SG35248N		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,Sie
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		
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: Yamachi FAP-26-08//4, Burndy BPH 9 B 26 800 GS				
Note 3 - Switch: Studer 55.03.0261, Rafi 3.13001.110 Extender: Studer 55.03.0262, Rafi 5.56101.690				
Ce=Ceramic, El=Electrolytic, Sal=Solid aluminium, PET=PolyesterFilm, Pp=Polypropylen.				
MANUFACTURER: CM=Chicago Miniatur, Fc=Fairchild, GI=General Instruments, HP=Hewlett Packard, ITT=Intermetall, Mot=Motorola, NS=National Semiconductors, Ph=Philips, Ses=Secossem, SG=Silicon General, Sie=Siemens, St=Studer, Tho=Thomson, TI=Texas Instruments, Tf=Telefunken.				
1.328.251.81 TAPE DECK REMOTE CONTROL ML 94/01/2600				

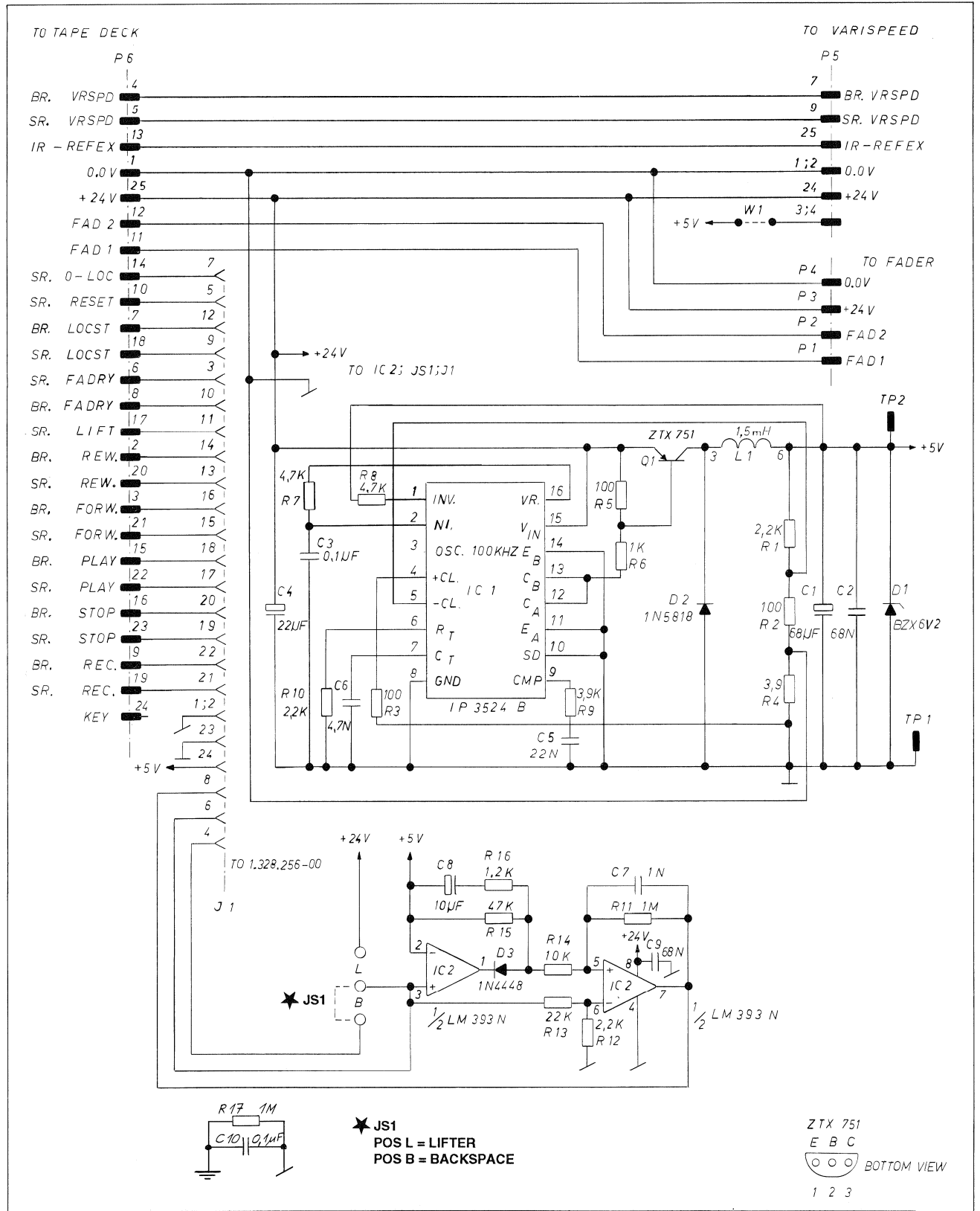
ANSICHT A + B

A nur 2 DL und 2 Drahtbrücken bestückt.

ADRESSE	INHALT
26.1.34	26.1.34
26.1.35	26.1.35
26.1.36	26.1.36
26.1.37	26.1.37
26.1.38	26.1.38
26.1.39	26.1.39
26.1.40	26.1.40
26.1.41	26.1.41
26.1.42	26.1.42
26.1.43	26.1.43
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26.1.61	26.1.61
26.1.62	26.1.62
26.1.63	26.1.63
26.1.64	26.1.64
26.1.65	26.1.65
26.1.66	26.1.66
26.1.67	26.1.67
26.1.68	26.1.68
26.1.69	26.1.69
26.1.70	26.1.70
26.1.71	26.1.71
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26.1.93	26.1.93
26.1.94	26.1.94
26.1.95	26.1.95
26.1.96	26.1.96
26.1.97	26.1.97
26.1.98	26.1.98
26.1.99	26.1.99
26.1.100	26.1.100

STUDER	REGIERBUND	ZÜRICH
TAPE DECK REMOTE CONTROL BOARD ESE		
1.328.251-81		

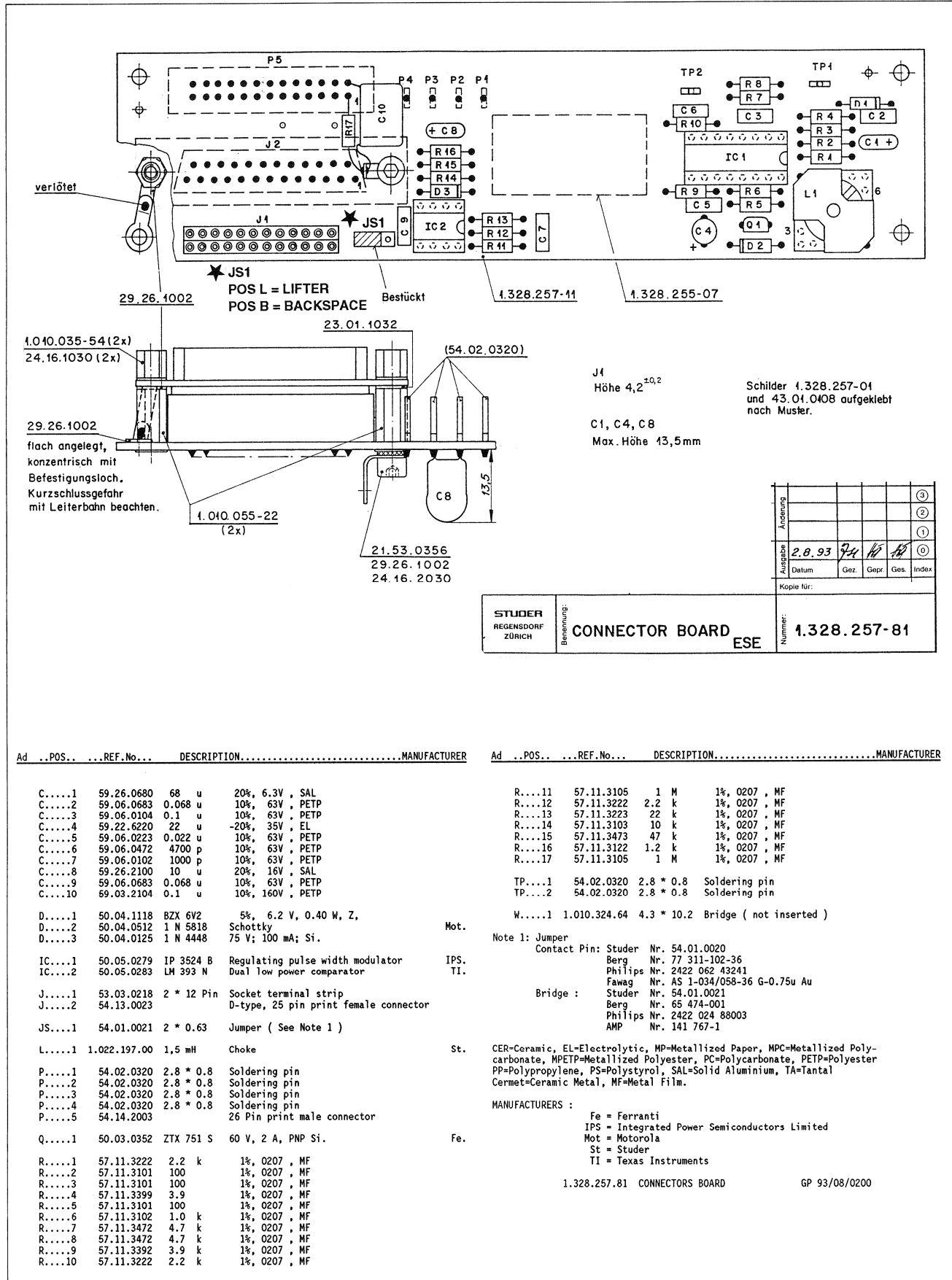
TAPE DECK REMOTE CONTROL MODULE (PARALLEL) 1.328.255.81
 - Connector PCB 1.328.257.81



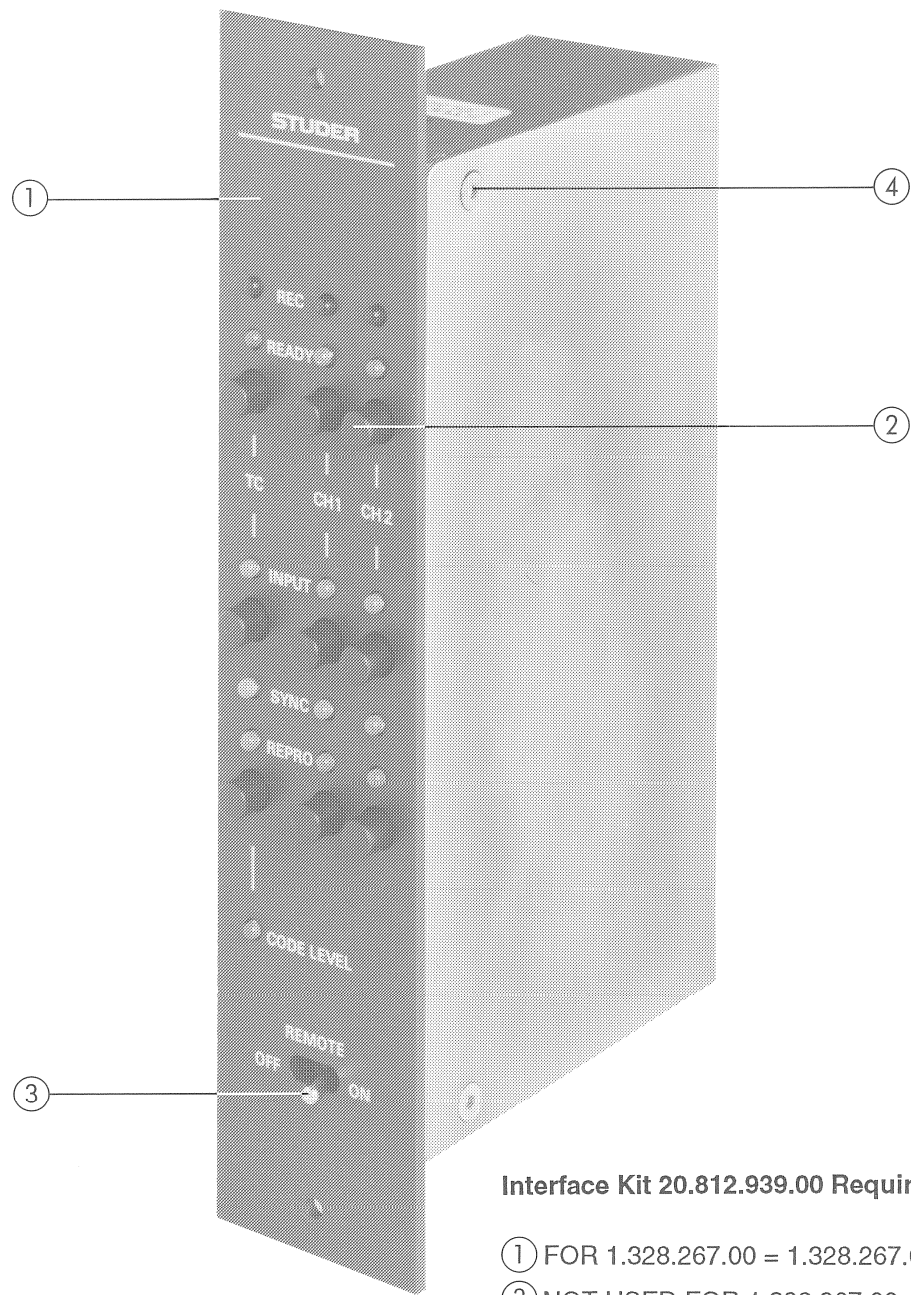
02.08.93 C. METZ	MODUL PARALLEL A727, A812, A820	PAGE 1 OF 1
STUDER	CONNECTORS BOARD	SC 1.328.257-81

TAPE DECK REMOTE CONTROL MODULE (PARALLEL) 1.328.255.81

- Connector PCB 1.328.257.81



PARALLEL CHANNEL REMOTE CONTROL 1.328.260.00 / 1.328.267.00

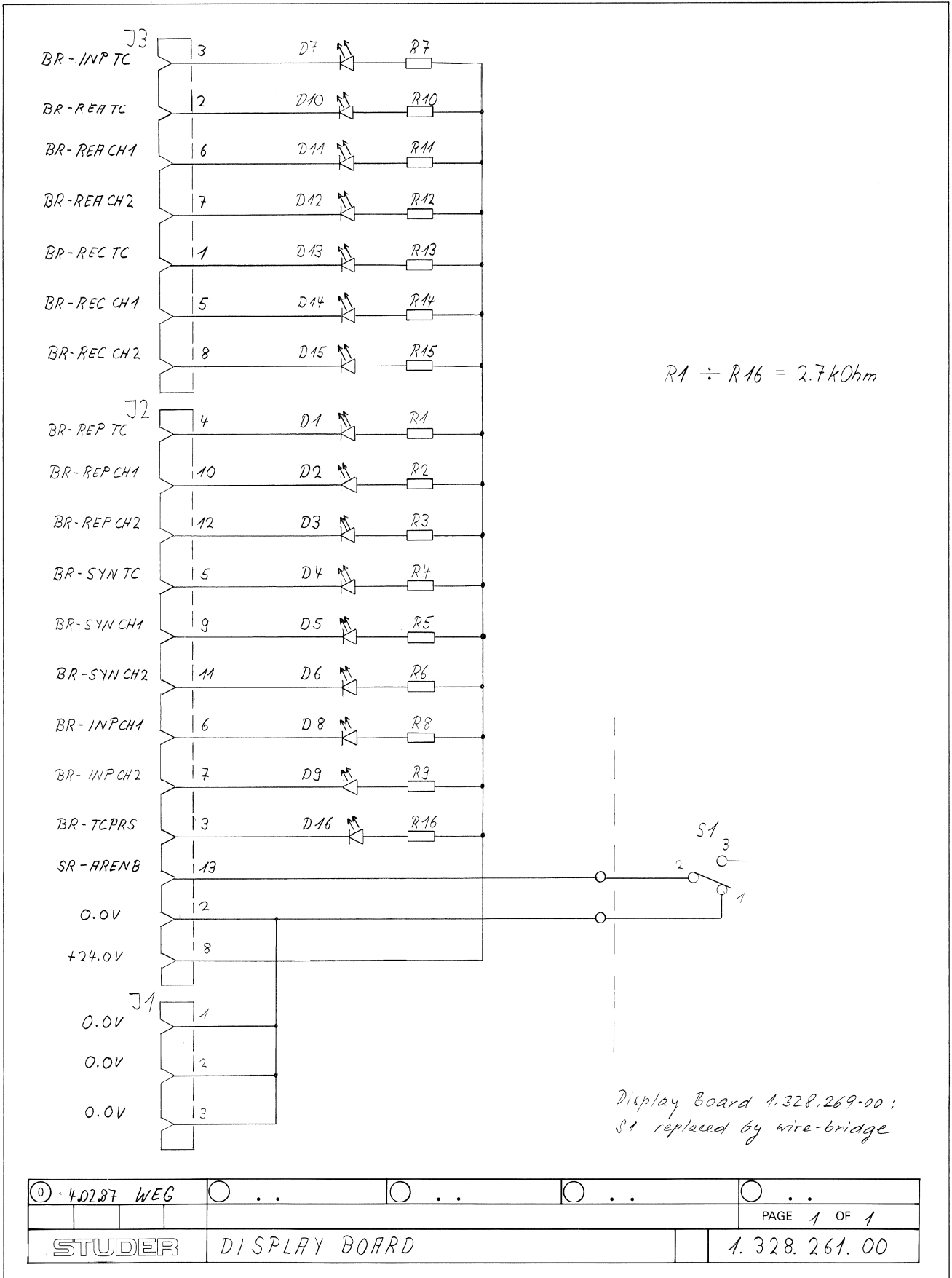


Interface Kit 20.812.939.00 Required

① FOR 1.328.267.00 = 1.328.267.01

③ NOT USED FOR 1.328.267.00

PARALLEL REMOTE CHANNEL CONTROL 1.328.260.00 / 1328.267.00
 - Display Board 1.328.261.00



PARALLEL REMOTE CHANNEL CONTROL 1.328.260.00 / 1328.267.00

- Display Board 1.328.261.00

* Codierung : Schaltdraht 64.01.0108 \varnothing 0,8 x 8 mm (muss 1 mm vorstehen)

1.328.261-01 1.328.261-93 1.328.261-11

Änderung					③
Änderung	11.5.87	JH			②
Ausgabe	13.2.87	A.Ho	WEG		①
Datum		Gez.	Gepr.	Ges.	④

① 53.03.0218 entfällt

STUDER REGENSDORF ZÜRICH	Bezeichnung DISPLAY BOARD	Nummer 1.328.261-00
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Kopie für:

Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
DL...	1	50.04.2130	LY 3160	Sie
DL...	2	50.04.2130	LY 3160	Sie
DL...	3	50.04.2130	LY 3160	Sie
DL...	4	50.04.2130	LY 3160	Sie
DL...	5	50.04.2130	LY 3160	Sie
DL...	6	50.04.2130	LY 3160	Sie
DL...	7	50.04.2130	LY 3160	Sie
DL...	8	50.04.2130	LY 3160	Sie
DL...	9	50.04.2130	LY 3160	Sie
DL...	10	50.04.2131	L6 3160	Sie
DL...	11	50.04.2131	L6 3160	Sie
DL...	12	50.04.2131	L6 3160	Sie
DL...	13	50.04.2129	LS 3160	Sie
DL...	14	50.04.2129	LS 3160	Sie
DL...	15	50.04.2129	LS 3160	Sie
DL...	16	50.04.2131	L6 3160	Sie
J....	1	54.01.0287	AMP Nr. 163.680-3	
J....	2	54.01.0292	AMP Nr. 1-163.680-3	
J....	3	54.01.0218	AMP Nr. 163.680-5	
01 J....	3	54.01.0217	AMP Nr. 163.680-7	
R....	1	57.11.4272	2.7 kOhm 2%	
R....	2	57.11.4272	2.7 kOhm 2%	
R....	3	57.11.4272	2.7 kOhm 2%	
R....	4	57.11.4272	2.7 kOhm 2%	
R....	5	57.11.4272	2.7 kOhm 2%	
R....	6	57.11.4272	2.7 kOhm 2%	
R....	7	57.11.4272	2.7 kOhm 2%	
R....	8	57.11.4272	2.7 kOhm 2%	
R....	9	57.11.4272	2.7 kOhm 2%	
R....	10	57.11.4272	2.7 kOhm 2%	
R....	11	57.11.4272	2.7 kOhm 2%	
R....	12	57.11.4272	2.7 kOhm 2%	
R....	13	57.11.4272	2.7 kOhm 2%	
R....	14	57.11.4272	2.7 kOhm 2%	
R....	15	57.11.4272	2.7 kOhm 2%	
R....	16	57.11.4272	2.7 kOhm 2%	
S....	1	55.01.0111	see Note 1	

(01) 06.04.87 Error in Printout.

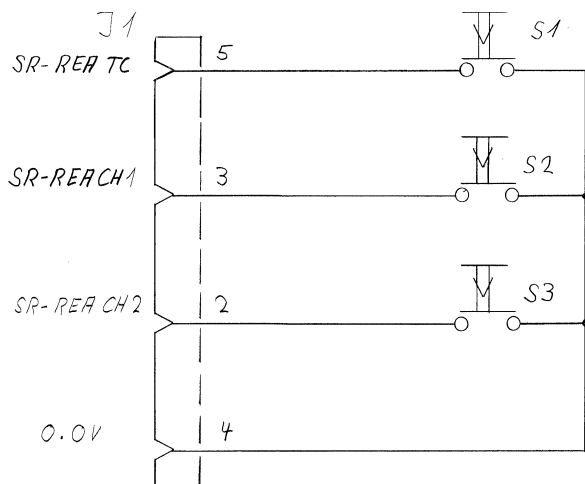
Note 1 - Toggle Switch
 Studer nr. 55.01.0111
 Augat nr. A105 SYZQ
 C+K nr. 7105-S-Y-Z-Q
 Dialight nr. 571-1321-0101-011

MANUFACTURERS: AMP=AMP Incorporated, Sie=Siemens

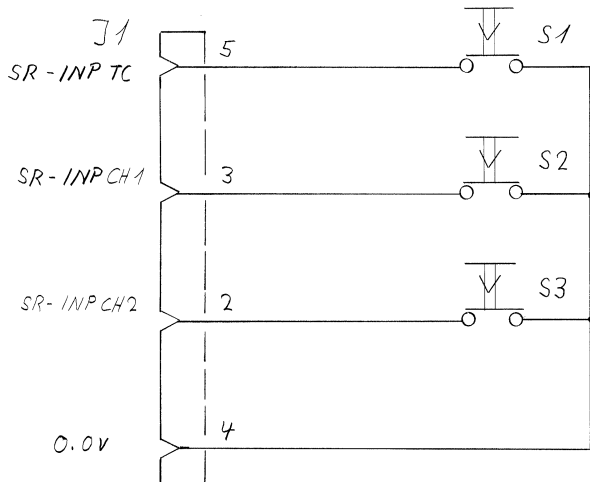
1.328.261.00	DISPLAY BOARD	BD 87/02/1000
1.328.261.00	DISPLAY BOARD	BD 87/04/0601

PARALLEL REMOTE CHANNEL CONTROL 1.328.260.00 / 1.328.267.00

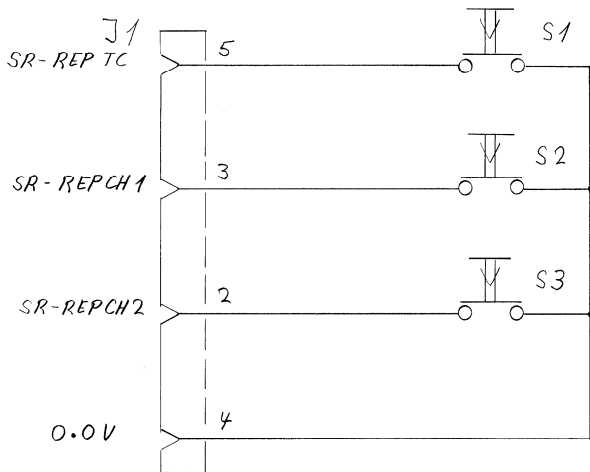
- Key Board 1.328.262.00



KEY "1"



KEY "2"

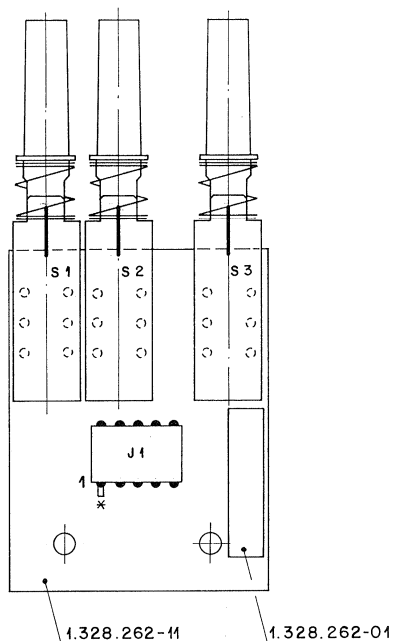


KEY "3"

④ 40287 WEG	○ . .	○ . .	○ . .	○ . .
				PAGE 1 OF 1
STUDER	KEY BOARD "1"-3"			1.328.262.00

PARALLEL REMOTE CHANNEL CONTROL 1.328.260.00 / 1.328.267.00

- Key Board 1.328.262.00



* Codierung: Schaltdraht 64.01.0108 ϕ 0,8 x 8 mm
(muss 1mm vorstehen)

Änderung						⑤
						④
						③
Angabe	13.2.87	A. H. H. VES				②
Datum						①
						⑥
Kopie für:						

STUDER REGENSDORF ZÜRICH	Benennung KEY BOARD	Nummer: 1.328.262-00

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

J.....1	54.01.0305	AMP Nr.163.683-3
S.....1	55.03.0302	see Note 1
S.....2	55.03.0302	see Note 1
S.....3	55.03.0302	see Note 1

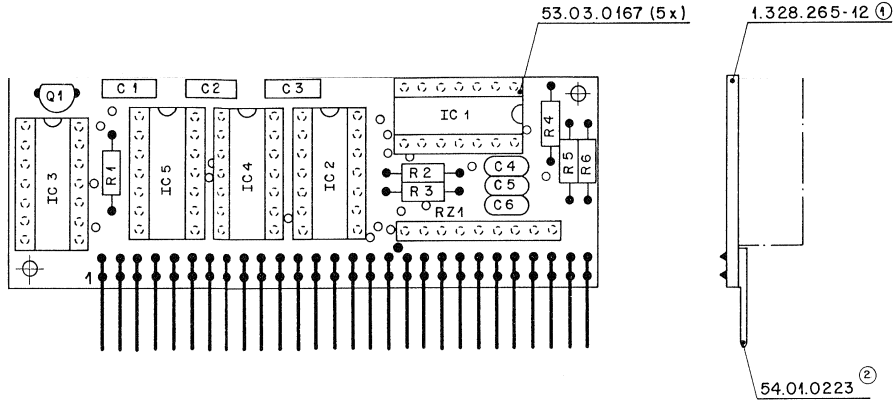
Note 1 - Push Button
Studer nr. 55.03.0302
Schadow nr.11320 01048

MANUFACTURERS: AMP=AMP Incorporated, Sie=Siemens

1.328.262.00 KEY BOARD

BD 87/02/1000

PARALLEL CHANNEL REMOTE CONTROL INTERFACE 1.811.903.00 (Kit No. 20.812.939.00)
 - Channel Remote Logik Board 1.328.265.00



Änderung					③
	2.11.87				②
	14.8.87	A.Ho			①
Ausgabe	29.6.87	A.Ho			④
Datum		Gez.	Gepr.	Ges.	Index

STUDER RELENSBORE	CHANNEL REMOTE LOGIC BOARD	ESE	No. 1.328.265-00
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Ad ..POS.. REF.No... DESCRIPTION.....MANUFACTURER

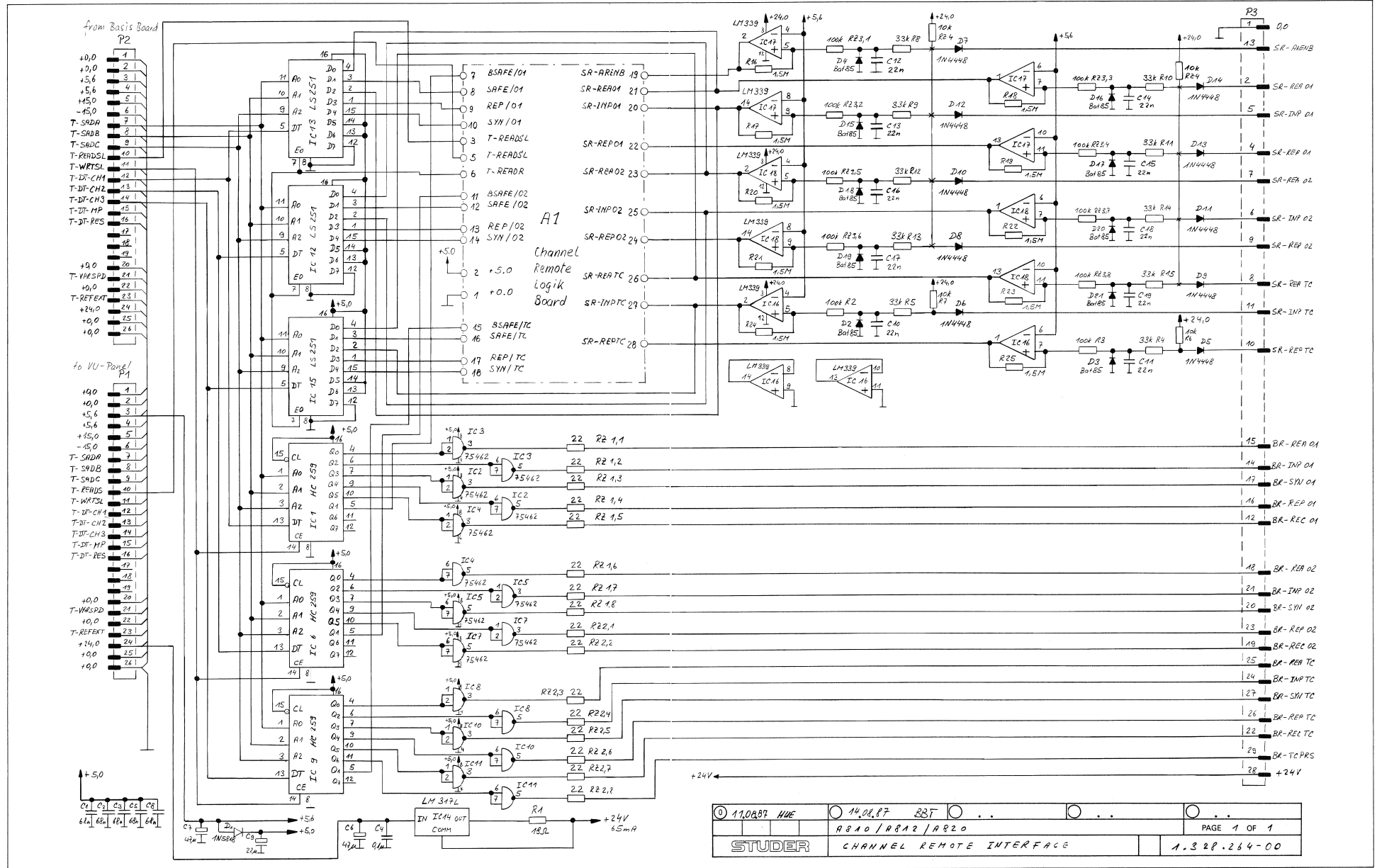
C.....1	59.06.0683	68 nF	10%, 63V	
C.....2	59.06.0683	68 nF	10%, 63V	
C.....3	59.06.0683	68 nF	10%, 63V	
01 C.....4	59.34.5471	470 pF	5%, 63V	
01 C.....5	59.34.5471	470 pF	5%, 63V	
01 C.....6	59.34.5471	470 pF	5%, 63V	
01 IC....1	50.17.1113	MC74HC113N		Ph,Mot,NS,RCA,To,TI,SGS
01 IC....1	50.17.1074	MC74HC 74N		Ph,Mot,NS,RCA,To,TI,SGS
01 IC....2	50.17.1113	MC74HC113N		Ph,Mot,NS,RCA,To,TI,SGS
01 IC....3	50.17.1074	MC74HC 74N		Ph,Mot,NS,RCA,To,TI,SGS
IC....3	50.17.1032	MC74HC32N		Mot,Nat,To,Ph,RCA,TI,SGS
IC....4	50.17.1032	MC74HC32N		Mot,Nat,To,Ph,RCA,TI,SGS
IC....5	50.17.1004	MC74HC04N		RCA,Ph,NS,Mot,To,TI,SGS
IC....6	50.17.1004	MC74HC04N		RCA,Ph,NS,Mot,To,TI,SGS
01 IC....6	00.00.0000	not used		
01 Q.....1	50.03.1505	VN 0808		Fe,Six
P.....1	54.01.0427	CIS-pincontact	7pol., (4 pieces)	AMP
02 P.....1	54.01.0223	CIS-pincontact	7pol., (4 pieces)	AMP
R.....1	57.11.4103	10 kOhm		
R.....2	57.11.4103	10 kOhm		
01 R.....3	57.11.4103	10 kOhm		
01 R.....4	57.11.4222	2.2 kOhm		
01 R.....5	57.11.4222	2.2 kOhm		
01 R.....6	57.11.4222	2.2 kOhm		
RZ....1	57.88.4103		see note 1	

Note 1 - R-Network 8 * 10 kOhm, 2%, SIP 9 :
 Allen Bradley nr. 909 A 103
 Beckmann nr. L - 09 - 1 - R 10k
 Bourns nr. 4609 M - 101 - 103
 Dale nr. CSC 09 A 01 - 103 G
 Sprague nr. 256 C J 103 X2 PD
 Tama nr. MRG C 09 X 10 kOhm G
 Vitrom nr. F9E 10 kOhm 2%

MANUFACTURER: AMP=AMP Incorporated, Fe=Ferranti, Mot=Motorola, Nat=National (Matsushita), NS=National Semiconductors, Ph=Philips, RCA=RCA Corporation of America, SGS=SGS/Ates, Six=Siliconix, TI=Texas Instruments, To=Toshiba.

1.328.265.00	CHANNEL REMOTE LOGIC BOARD	BD 87/06/3000
1.328.265.00	CHANNEL REMOTE LOGIC BOARD	MAR87/08/1401
1.328.265.00	CHANNEL REMOTE LOGIC BOARD	MAR87/11/0202

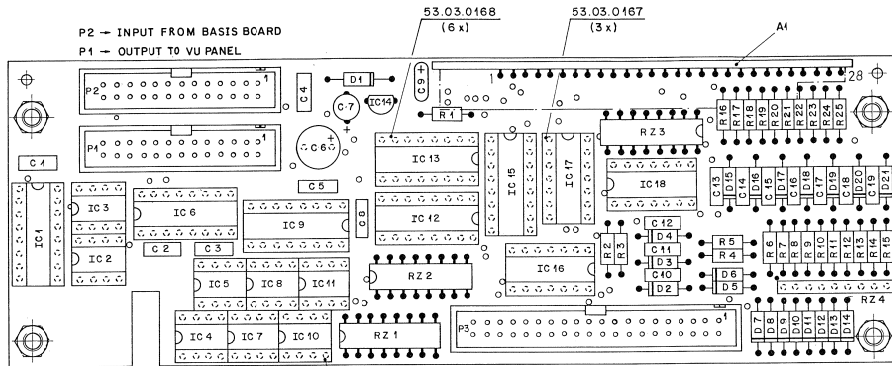
PARALLEL CHANNEL REMOTE CONTROL INTERFACE 1.811.903.00 (Kit No. 20.812.939.00) - Channel Remote Interface 1.328.264.00



① 110687 NHE	② 14.04.87 827	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒	㉓	㉔	㉕	㉖	㉗	㉘	㉙	㉚	㉛	㉜	㉝	㉞	㉟	㊱	㊲	㊳	㊴	㊵	㊶	㊷	㊸	㊹	㊺	㊻	㊼	㊽	㊾	㊿
A810/A812/A820															PAGE 1 OF 1																																		
STUDER															CHANNEL REMOTE INTERFACE										1.328.264-00																								



PARALLEL CHANNEL REMOTE CONTROL INTERFACE 1.811.903.00 (Kit No. 20.812.939.00)
 - Channel Remote Interface 1.328.264.00



Approved	Checked	Drawn	Exec	Gen	Inst
14.9.87	A.Hg				
Kopie für: 1.328.264-00					

STUDER
 REGENSDORF
 ZÜRICH

Brennung: CHANNEL REMOTE
 IF ESE

1.328.264-00

Ad	POS	REF.No	DESCRIPTION	MANUFACTURER
A	1	1.328.265.00	CHANNEL REMOTE LOGIC BOARD	
C	1	59.06.0683	68 nF 10%, 63V, PETP	
C	2	59.06.0683	68 nF 10%, 63V, PETP	
C	3	59.06.0683	68 nF 10%, 63V, PETP	
C	4	59.06.0104	100 nF 10%, 63V, PETP	
C	5	59.06.0683	68 nF 10%, 63V, PETP	
C	6	59.22.6470	47 uF 20%, 40V, EI	
C	7	59.22.3470	47 uF 20%, 10V, Sa1	
C	8	59.06.0683	68 nF 10%, 63V, PETP	
C	9	59.26.1220	22 uF 20%, 10V, Sa1	
C	10	59.06.0223	22 nF 10%, 63V, PETP	
C	11	59.06.0223	22 nF 10%, 63V, PETP	
C	12	59.06.0223	22 nF 10%, 63V, PETP	
C	13	59.06.0223	22 nF 10%, 63V, PETP	
C	14	59.06.0223	22 nF 10%, 63V, PETP	
C	15	59.06.0223	22 nF 10%, 63V, PETP	
C	16	59.06.0223	22 nF 10%, 63V, PETP	
C	17	59.06.0223	22 nF 10%, 63V, PETP	
C	18	59.06.0223	22 nF 10%, 63V, PETP	
C	19	59.06.0223	22 nF 10%, 63V, PETP	
B	1	50.04.0512	IN 5838	Ph, Sie, Tho
B	2	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	3	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	4	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	5	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	6	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	7	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	8	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	9	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	10	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	11	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	12	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	13	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	14	50.04.0125	IN 4448	Ph, SES, ITT, Tf, Fc
B	15	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	16	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	17	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	18	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	19	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	20	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
B	21	50.04.0127	BAT 85 BAS 40-02 BAT 42	Ph, Sie, Tho
C	1	50.06.0259	M74LS259B1 ... 74 LS 259 ..	TI
C	2	50.05.0227	SN 75 472P SN 75 462 JG	TI
C	3	50.05.0227	SN 75 472P SN 75 462 JG	TI
C	4	50.05.0227	SN 75 472P SN 75 462 JG	TI
C	5	50.05.0227	SN 75 472P SN 75 462 JG	TI
C	6	50.06.0259	M74LS259B1 ... 74 LS 259 ..	TI
C	7	50.05.0227	SN 75 472P SN 75 462 JG	TI
C	8	50.05.0227	SN 75 472P SN 75 462 JG	TI
C	9	50.06.0259	M74LS259B1 ... 74 LS 259 ..	TI
C	10	50.05.0227	SN 75 472P SN 75 462 JG	TI
C	11	50.05.0227	SN 75 472P SN 75 462 JG	TI
C	12	50.06.0251	SN74LS251N	TI
C	13	50.06.0251	SN74LS251N	TI
C	14	50.10.0106	LM 317 LZ	Nat, Mot
C	15	50.06.0251	SN74LS251N	TI
C	16	50.11.0104	LM 339 N uA 339PC, T08 0139DP	NS, Fc, Mot, Tho
C	17	50.11.0104	LM 339 N uA 339PC, T08 0139DP	NS, Fc, Mot, Tho
C	18	50.11.0104	LM 339 N uA 339PC, T08 0139DP	NS, Fc, Mot, Tho
P	1	54.14.2003	see note 1	
P	2	54.14.2003	see note 1	
P	3	54.14.2004	see note 2	
R	1	57.11.4180	18 Ohm 2%	
R	2	57.11.4104	100 kOhm 2%	
R	3	57.11.4104	100 kOhm 2%	
R	4	57.11.4333	33 kOhm 2%	
R	5	57.11.4333	33 kOhm 2%	
R	6	57.11.4103	10 kOhm 2%	
R	7	57.11.4103	10 kOhm 2%	
R	8	57.11.4333	33 kOhm 2%	
R	9	57.11.4333	33 kOhm 2%	
R	10	57.11.4333	33 kOhm 2%	
R	11	57.11.4333	33 kOhm 2%	
R	12	57.11.4333	33 kOhm 2%	
R	13	57.11.4333	33 kOhm 2%	
R	14	57.11.4333	33 kOhm 2%	
R	15	57.11.4333	33 kOhm 2%	
R	16	57.11.5155	1.5 MOhm 5%	
R	17	57.11.5155	1.5 MOhm 5%	
R	18	57.11.5155	1.5 MOhm 5%	
R	19	57.11.5155	1.5 MOhm 5%	
R	20	57.11.5155	1.5 MOhm 5%	
R	21	57.11.5155	1.5 MOhm 5%	
R	22	57.11.5155	1.5 MOhm 5%	
R	23	57.11.5155	1.5 MOhm 5%	
R	24	57.11.5155	1.5 MOhm 5%	
R	25	57.11.5155	1.5 MOhm 5%	
KZ	1	57.88.3220	see note 3	
KZ	2	57.88.3220	see note 3	
KZ	3	57.88.3104	see note 4	
KZ	4	57.88.4101	see note 5	

Ad	POS	REF.No	DESCRIPTION	MANUFACTURER
			Burndy BPH 9 B40 B00 G5	
			7626-6002 VZ	
Note 2			connector, 40-contacts:	
			Yanachi FAP-40-08-40SS	
			Burndy BPH 9 B40 B00 G5	
			3M 7640-6002 VZ	
Note 3			R-Network 8 * 22 Ohm, 2%, DIL 16:	
			Allen Bradley 316 B 220	
			Beckman 898-3-R 22	
			Bourns 4116 R-001 - 220	
			CIS Corp. 761-3-R 22 Ohm 2%	
			Dale MOP 1603 - 220 G	
			Hitech 1608 - K 022 - 2%	
			Sprague nr. 916 C220 X2 SR	
			TRW 1999 - 01 - 22 Ohm - G	
Note 4			R-Network 8 * 100 kOhm, 2%, DIL 16:	
			Allen Bradley 316 B 104	
			Beckman 898-3-R 100k	
			Bourns 4116 R-001 - 104	
			CIS Corp. 761-3-R 100 kOhm 2%	
			Dale MOP 1603 - 104 G	
			Hitech 1608 - 100 k - 2%	
			Sprague 916 C 104 X2 SR	
			TRW 1999 - 01 - 100k - G	
Note 5			R-Network 8 * 10 kOhm, 2%, SIP 9:	
			Allen Bradley 909 A 103	
			Beckman L-09-1-R 10k	
			Bourns 4609 M-101 - 103	
			Dale CSC 09 A 01 - 103 G	
			Sprague 259C J 103 X2 PD	
			Tana MRG C 09 X 10 kOhm G	
			Vitrom 19E 10 kOhm 2%	
			[E]=Electrolytic Bipolar, PETP=Polyesterfilm, Sa1=Solid aluminium.	
MANUFACTURER:			IC=Fairchild, Mot=Motorola, Nat=National (Matsushita), NS=National Semiconductors, Ph=Philips (incl. Valvo), Ser=Seacom, Sie=Siemens, Tf=Telefunken, Tho=Thomson CSF, TI=Texas Instruments.	
			1.328.264.00 CHANNEL REMOTE INTERFACE 80 87/09/1000	
			END	