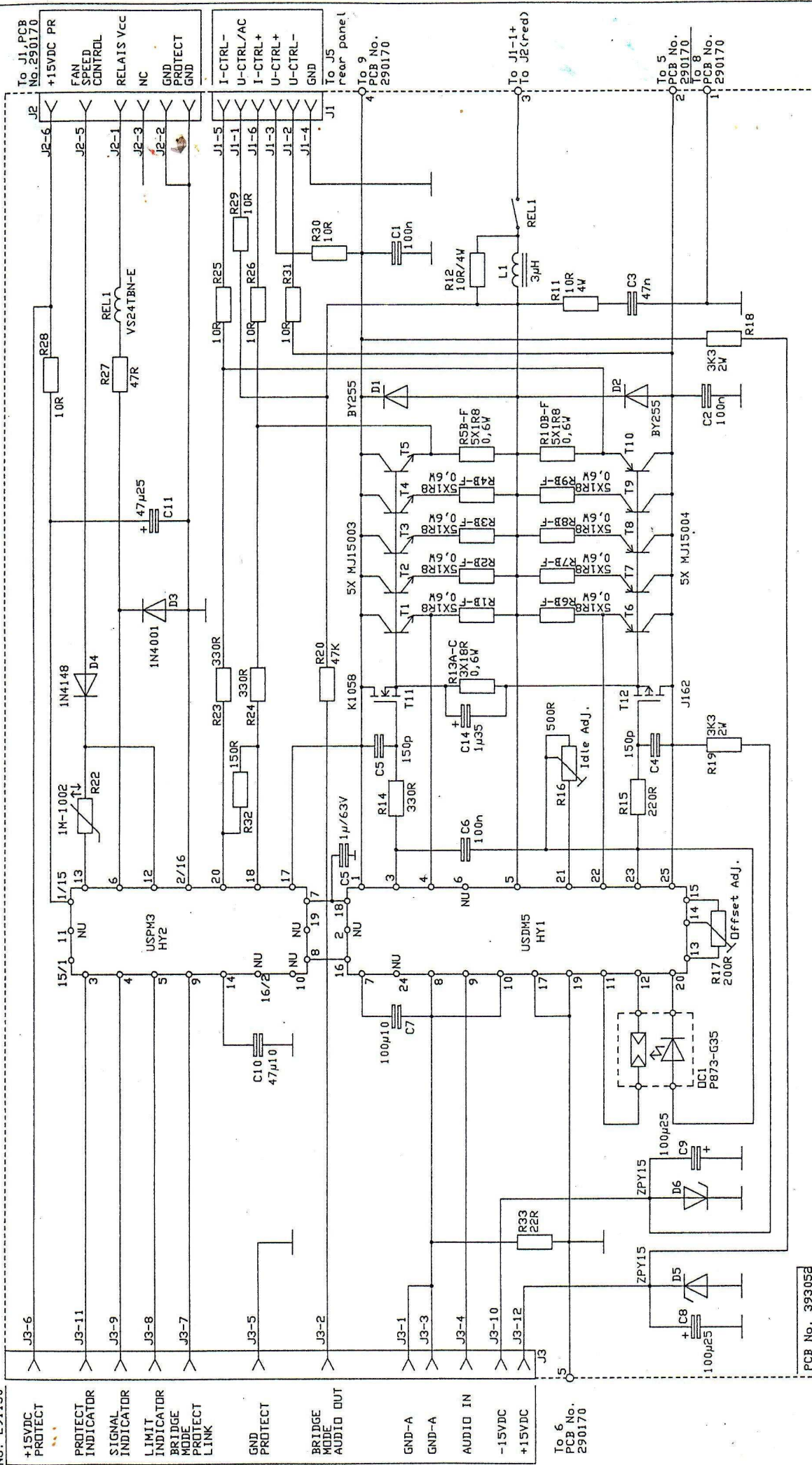


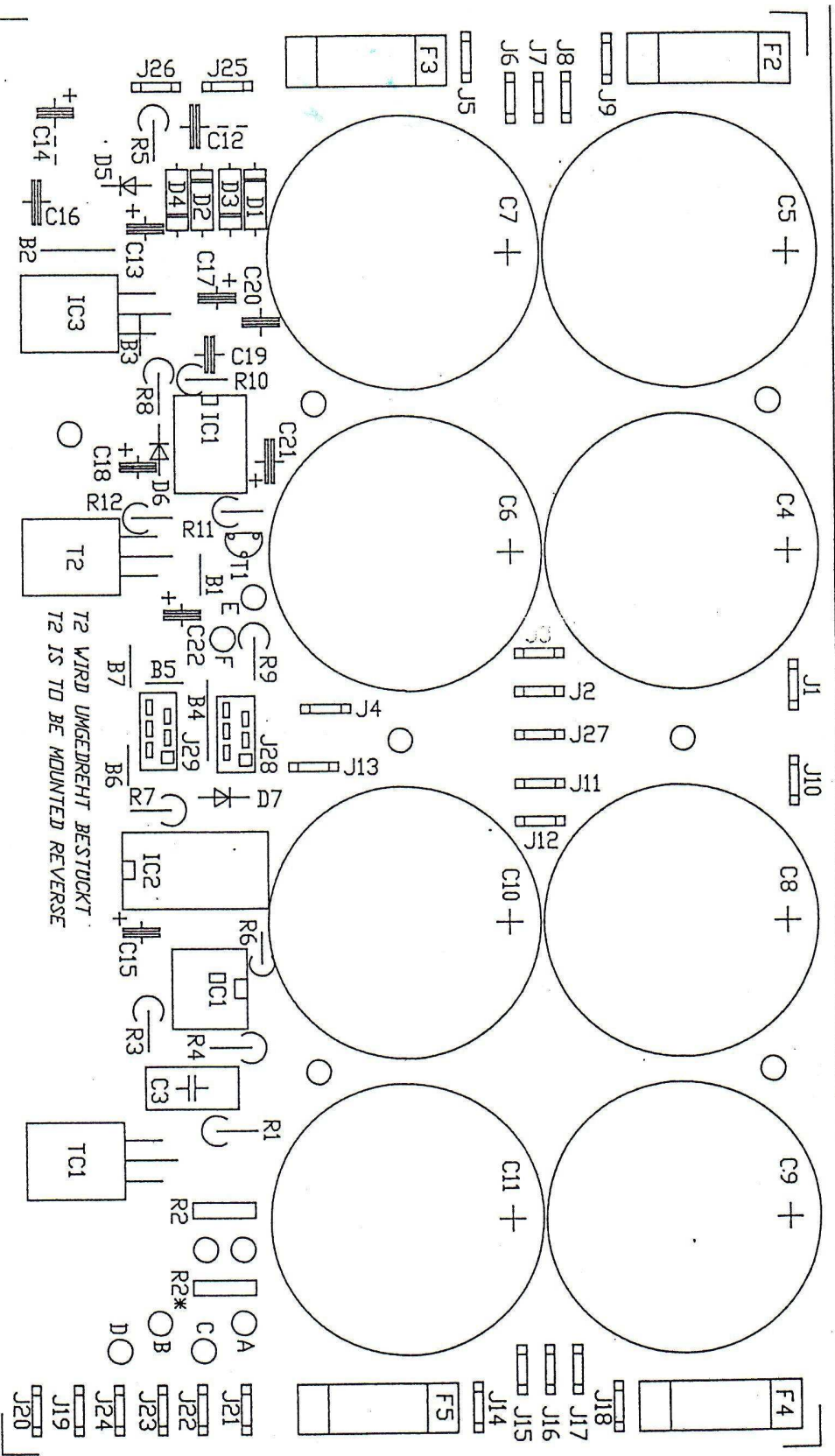
To J1, PCB
No. 290170



PCB No. 393053

Unused parts:
R21 220R R1A/G2X1R8 R7A/G 2X1R8
R22 1M100 R2A/G2X1R8 R8A/G 2X1R8
C15 220p R3A/G2X1R8 R9A/G 2X1R8
REL2 RY12V R4A/G2X1R8 R10A/G2X1R8
D7 Z1E2 R5A/G2X1R8 C12/13100nF
D8 Z1E2 R6A/G2X1R8

SOLTON MUSIC GmbH		AMPLIFIER LEFT CHANNEL		PAGE 01 of 05
8398 POCKING, GERMANY		FILE: SBA 1200 CPA12ALC		DATE: 220493
SIGNATURE: Mueller K.		SUBJECT TO CHANGE WITHOUT NOTICE 1		
CHECK: Mueller K.				



PCB No. 290170

Vermerk:
1) PTC-Montage siehe Zeichnung Nr. (Draw. No.) G01
2) Kabeldefinitionen für J1-J29 siehe Zeichnung Nr. (Draw. No.) G02.
3) Verdrahtung der Lötungen A-D siehe Zeichnung Nr. (Draw. No.) G03

- B1 = CU 0,6, RMS
B2 = CU 0,6, RM10
B3 = CU 0,6, RMS
B4 = CU 0,6, RM10
B5 = CU 0,6, RMS
B6 = CU 0,6, RMS
B7 = CU 0,5, RMS
- C3 = 100NF
C4 = 6800µF/100V
C5 = 6800µF/100V
C6 = 6800µF/100V
C7 = 6800µF/100V
C8 = 6800µF/100V
C9 = 6800µF/100V
- C10 = 6800µF/100V
C11 = 6800µF/100V
C12 = 100NF
C13 = 22µF/50V
C14 = 2200µF/40V
C15 = 4,7µF/63V
C16 = N.P.
- C17 = 1µF/35V
C18 = 1µF/63V
C19 = 100NF
C20 = 100NF
C21 = 22µF/50V
C22 = 4,7µF/50V
- C4,C5,C6,C7,C8,C9,C10,C11 = SMH, 30x35, Nipp.Che.
C3 = 250V AC, RM15, Siemens, Nr. B81121-C-B125
C12 = 100V, RM7,5, Siemens, Nr. B32560-D1104-J
C13,C21 = 5x11, SME, Nipp.Che.
C14 = 16x31,5, SME, Nipp.Che.
C15 = 5x11, SME, Nipp.Che.
C19,C20 = Kerko, Siemens

<p>R1 = 1K R2 = C840 R2* = C840 R3 = 1K R4 = 180R R5 = 0,22R R6 = 1K</p>		<p>R7 = 100K R8 = 47K R9 = 75K R10 = 240K R11 = 10K R12 = 2,2K</p>	
<p>R1,R5 = Noble, RMN1/2FB, 0,5W R2,R2* = PTC, Siemens, Nr. B59840-C80-A70 Rest = Metallf, 1%, 0,6W</p>			
<p>D1 = 1N4001 D2 = 1N4001 D3 = 1N4001 D4 = 1N4001</p>		<p>D5 = 1N4001 D6 = ZPD11 D7 = 1N4148</p>	
<p>IC1 = TL081, DIP8, incl. Fassung, 8-polig IC2 = 40106, DIL 14, incl. Fassung, 14-polig IC3 = L7815CV IC1 = MDC3041 bzw. TLP561, incl. Fassung, 6-polig TC1 = 04015 LS, Tector T1 = BC 337-25 T2 = BD 442</p>			
<p>J1-J26 = Flachsteckkontakt RM 5,2, Osterr. F1-F4 = Feinsicherung, 5x20, T8A incl. Sicherungsh. J28,J29 = AMP, Micro Match, Federleiste, 6-polig, 7-215079-6 E,F = Lötnaegel</p>			

SOLDTON MUSIC GmbH

94060 POCKING, GERMANY

SIGNATURE: MÜSCHAUER H.

CHECK: MÜELLER K.

SPA 1200

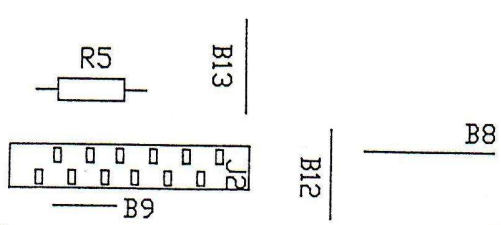
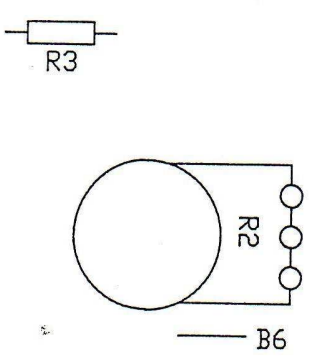
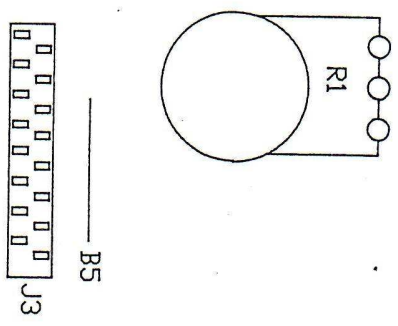
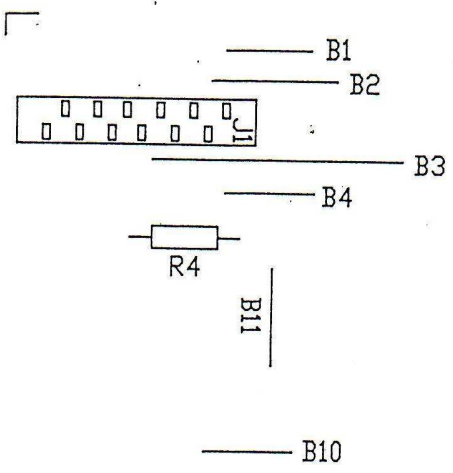
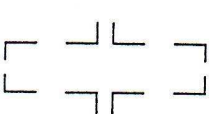
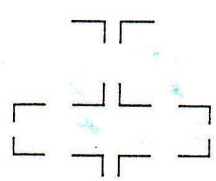
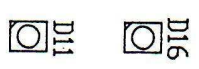
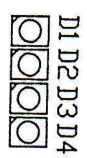
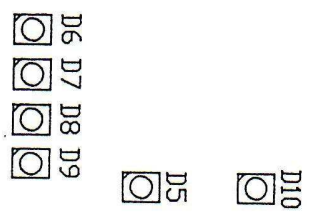
POWER SUPPLY

PAGE: 030f05

DATE: 27.07.199

SUBJECT TO CHANGE WITHOUT NOTICE I

DRAW/NO: B3



D1 = LYT670-HD
D2 = LYT670-HD
D3 = LYT670-HD
D4 = LYT670-HD
D5 = LYT670-HD
D6 = LGT670-HD
D7 = LGT670-HD
D8 = LGT670-HD
D9 = LGT670-HD
D10 = LST670-HD
D11 = LYT670-HD
D12 = LGT670-HD
D13 = LGT670-HD
D14 = LGT670-HD
D15 = LGT670-HD
D16 = LST670-HD
Alle LEDs: PLCC2
(Siemens)

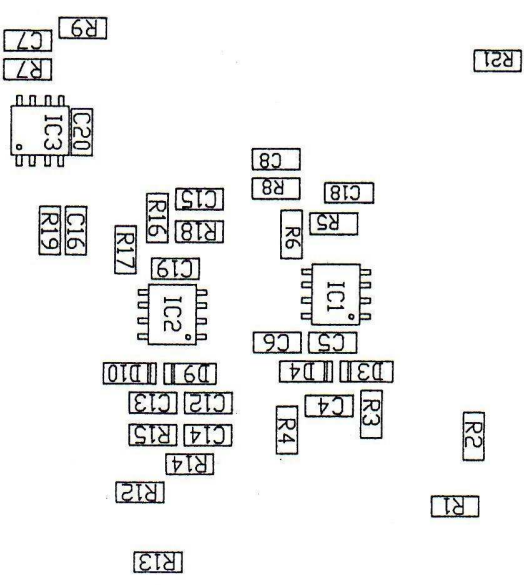
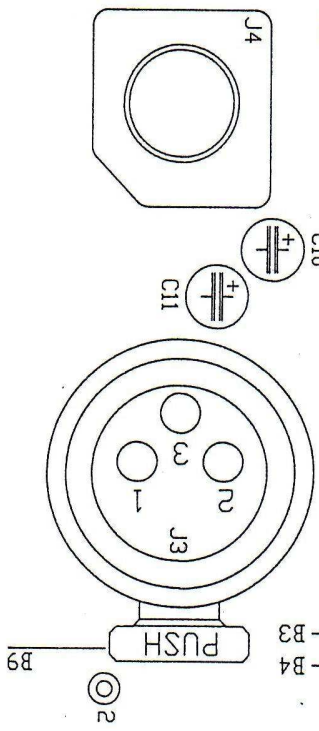
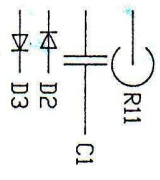
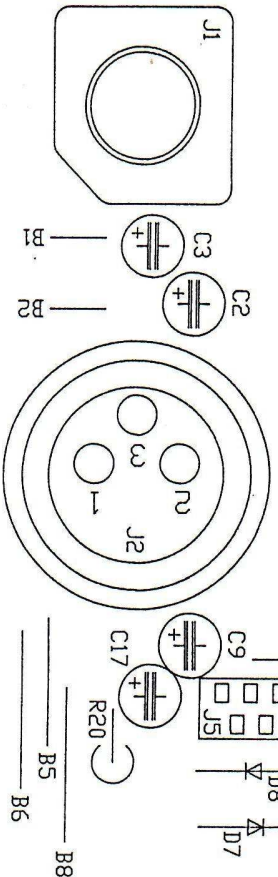
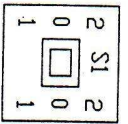
B1 = CU 0,6, RM7
R2 = CU 0,6, RM10
B3 = CU 0,6, RM20
B4 = CU 0,6, RM7
B5 = CU 0,6, RM17,5
B6 = CU 0,6, RM5
B7 = CU 0,6, RM10
B8 = CU 0,6, RM10
B9 = CU 0,6, RM5
B10 = CU 0,6, RM10
B11 = CU 0,6, RM10
B12 = CU 0,6, RM10
B13 = CU 0,6, RM10
R1 = 10KA R4 = 1K8
R2 = 10KA R5 = 1K8
R3 = 510R
R1, R2 = JUNG PÜDUNG,
18PN-09, 20SK/10
REST: 0,6W, 1%, MET.

PCB No. 291130

Vermerk:
1.) Kabeldefinitionen für J1-J3 siehe Zeichnung (Draw. No.) C01

J1 = AMP, Micro Match, Einlötvorbinder
12-polig, Nr. 1-215570-2
J2 = AMP, Micro Match, Einlötvorbinder
12-polig, Nr. 1-215570-2
J3 = AMP, Micro Match, Einlötvorbinder
16-polig, Nr. 1-215570-6

SOLTEON MUSIC GmbH	
94060 PÖCKING, GERMANY	
SIGNATURE: MÜSCHAWECK H.	DRAWING: B4
CHECK: MÜLLER K.	PAGE: 04 of 05
SPA 1200	
POTI/LED-PRINT	
DATE: 15.07.1993	
SUBJECT TO CHANGE WITHOUT NOTICE I	



IC1 = μ PC4560, SD08
IC2 = μ PC4560, SD08
IC3 = M5220, SD08

C1 = 470NF C8 = 22PF C15 = 22PF
C2 = 10 μ F/40V C9 = 47 μ F/25V C16 = 22PF
C3 = 10 μ F/40V C10 = 10 μ F/40V C17 = 47 μ F/25V
C4 = 100PF C11 = 10 μ F/40V C18 = 100NF
C5 = 47PF C12 = 100PF C19 = 100NF
C6 = 100PF C13 = 47PF C20 = 100NF
C7 = 22PF C14 = 100PF

R1 = 22K R8 = 4.7K R15 = 2.2K
R2 = 22K R9 = 220R R16 = 4.7K
R3 = 2.2K R10 = 4.7K R17 = 4.7K
R4 = 2.2K R11 = 10R R18 = 4.7K
R5 = 4.7K R12 = 22K R19 = 4.7K
R6 = 4.7K R13 = 22K R20 = 220R
R7 = 4.7K R14 = 2.2K R21 = 4.7K

J1 = Klinkenbuchse, LJ-0697A-4R
J2 = XLR-Buchse, XLR-NC3-FG-P, Sonderv.
J3 = XLR-Buchse, XLR-NC3-FG-P, Sonderv.
J4 = Klinkenbuchse, LJ-0697A-4R
J5 = AMP, Micro Match, Federleiste
12-polig, Nr. 8-215079-2
1 = Flachsteckkontakt RM52
2 = Lötbragel
S1 = PV42 EE F-Stössel (L=9.5mm)

Rest = Metallfilm, bedrahtet,
1%, 0.6 Watt
Rest = SMD, 1206, 1%, 0.25V
1206

SOL TON MUSIC GmbH

94060 POCKING, GERMANY

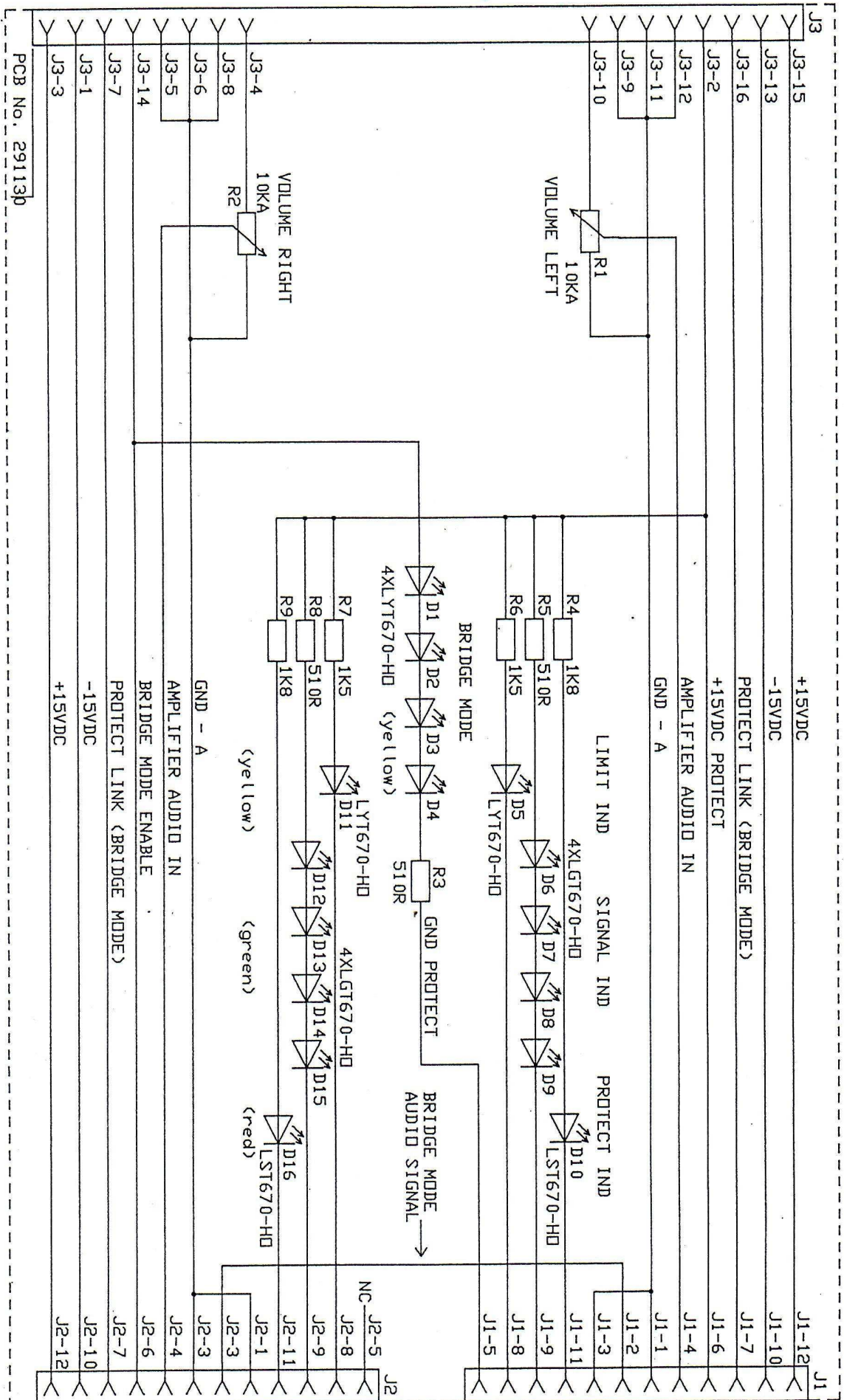
SIGNATURE: MUELLER K. H. DATE: 23.06.1993

SUBJECT TO CHANGE WITHOUT NOTICE 1

PCB No. 292130

Vorbericht
1) Die Platine wird außer den XLR-Buchsen (J2,J3) komplett bestückt und verdröhtet, anschließend werden die XLR-Buchsen integriert, aber erst verdröhtet, nachdem die Platine in die Mechanik integriert wurde.
2) Der Lötbragel (2) wird über Isolierte Schalter (S1) verdröhtet.
3) Auf den korrekten Einbau des Schalters (S1) ist zu achten.

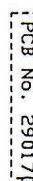
SP4 1200
INPUT PCB



TO J3 PCB No. 393052 (RIGHT CHANNEL)

TD J3 PCB No. 393052 (LEFT CHANNEL)

SOLTEC MUSIC GmbH		VOLUME/INDICATOR PCB		PAGE: 04 OF 05
8398 POCKING, GERMANY				
SIGNATURE:	Mueller K.	DRAWN:		
CHECK:	Mueller K.	-A4-		
		SPA 800	FILE:	DATE:
		CPA 1200	CPAVLC	2304993
SUBJECT TO CHANGE WITHOUT NOTICE !				



For 115VAC set A-B and C-D,
For 230VAC set B-C, A/D open,

SOL TON MUSIC GmbH		Page:	030605
8398 PÖCKING, GERMANY		Power supply	
SIGNATURE: Mueller K.	BRAND:	3PA 1200	FILE: CPA12PC
CHECK: Mueller K.	-A3-	DATE: 200493	
SUBJECT TO CHANGE WITHOUT NOTICE 1			

R1B-F = 18R R6B-F = 18R R26 = 10R
 R2B-F = 18R R7B-F = 18R R27 = 47R
 R3B-F = 18R R8B-F = 18R R28 = 10R
 R4B-F = 18R R9B-F = 18R R29 = 10R
 R5B-F = 18R R10B-F = 18R R30 = 10R
 R11 = NP R18 = 33K R26 = 10R
 R12 = 10R R19 = 33K R27 = 47R
 R13A = 18R R20 = NP R28 = 10R
 R13B = 18R R21 = 220R R29 = 10R
 R13C = 18R R22 = NTC R30 = 10R
 R14 = 330R R22W = NP R31 = 10R
 R15 = 220R R23 = 330R R32 = 150R
 R16 = 500R R24 = 330R R33 = 22R
 R17 = 200R R25 = 10R
 R12 = Metalloxyd-Schichtwider-
 stand, 4 Watt, 5%
 Vitrohm Typ PD, 591-0
 R18, R19 = Metalloxyd-Schichtwider-
 stand, 2 Watt, 5%
 Vitrohm Typ PD, 590-0
 R22 = NTC, Date 1M-1002
 restliche R's: Metall, 0,6 Watt, 1%

C1 = 100nF C6 = 100nF C11 = 47µ/25
 C2 = 100nF C7 = 100µ/10 C12 = NP
 C3 = NP C8 = 100µ/10 C13 = NP
 C4 = 150pF C9 = 100µ/25 C14 = 1µ/35
 C5 = 150pF C10 = 100µ/25 C15 = 220pF
 C10 = 47µ/10

CLC2C6 = Siemens, MKT, B32561-D3104-J
 C8C9 = NippChe, SME, 6,3x11
 C11 = NippChe, SME, 5x11
 C10 = NippChe, SME-BP, 5x11
 C7 = NippChe, SME-BP, 6,3x11
 C14 = Tantalelektrolyt, NippChe, SFA
 C4, C5, C15 = VIMA FK 3, 10%, 160V, RHT, 5

T1 = MJ15003 T6 = MJ15004
 T2 = MJ15003 T7 = MJ15004
 T3 = MJ15003 T8 = MJ15004
 T4 = MJ15003 T9 = MJ15004
 T5 = MJ15003 T10 = MJ15004
 T11 = 2 SK 1058 T12 = 2 SJ 162

D1 = BY 255 D4 = IN4148 D7 = NP.
 D2 = BY 255 D5 = ZPY 15 D8 = NP.
 D3 = IN4001 D6 = ZPY 15

DC1 = HANAMATSU, P873-G35

REL1 = Relais, 24V DC, 24TBN-E
 REL2 = Relais, Tokamizawa, 12V, RY12V

HY1 = USPM6 HY2 = USPM2

B1 = CU 0,6, RM12,5 B10 = CU 0,6, RM12,5
 B2 = CU 0,6, RM12,5 B11 = CU 0,6, RM15
 B3 = CU 0,6, RM10 B12 = CU 0,6, RM15
 B4 = CU 0,6, RM10 B13 = CU 0,6, RM10
 B5 = CU 0,6, RM10 B14 = CU 0,6, RM10
 B6 = CU 0,6, RM7 B15 = CU 0,6, RM10
 B7 = NP B16 = CU 0,6, RM10
 B8 = CU 0,6, RM10 B17 = CU 0,6, RM7
 B9 = CU 0,6, RM10 B18 = CU 0,6, RM5
 B19 = NP

J1 = AMP, Micro Match, Federleiste,
 6-polig, Nr. 7-215079-6
 J2 = AMP, Micro Match, Federleiste,
 6-polig, Nr. 7-215079-6
 J3 = AMP, Micro Match, Federleiste,
 12-polig, Nr. 8-215079-2

L2,3,4,5 = Flachsteckkontakt, RMS2
 L1 = siehe Vermerk

