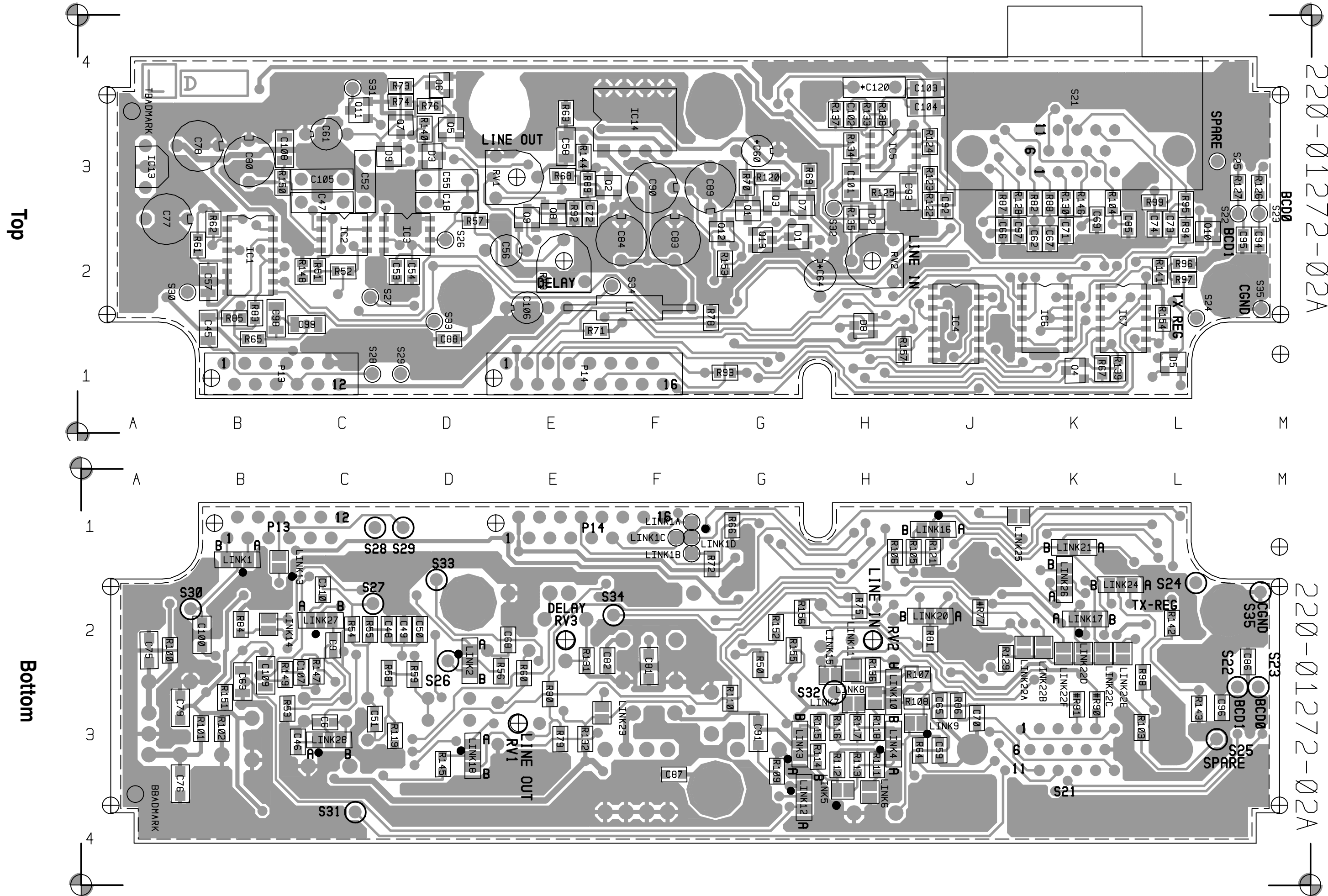


Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit	Device	PCB	Circuit
C6	2:C3	1-H8				Q4	1:K1	1-D0	R125	1:H3	1-G6
C9	2:C2	1-H9	IC2	1:C2	1-K0	Q5	1:D3	1-E0	R126	1:M3	1-U9
C18	1:D3	1-L9			1-H8	Q6	1:D4	1-I3	R127	1:M3	1-U9
C45	1:B2	1-D7			1-G8	Q7	1:D3	1-J3	R128	1:K3	1-V3
C46	2:C3	1-H8	IC3	1:D2	1-L0	Q8	1:E3	1-O8	R129	2:J2	1-U3
C47	1:C3	1-H9			1-L8	Q9	1:E3	1-H0	R130	1:K3	1-V1
C48	2:C2	1-J8			1-J8	Q10	1:L2	1-S1	R131	2:E2	1-H0
C49	2:D2	1-J8	IC4	1:J2	1-N0	Q11	1:C4	1-H1	R132	2:E3	1-D1
C50	2:D2	1-J8			1-R3	Q12	1:G2	1-N3	R133	1:H4	1-I6
C51	2:C3	1-J8			1-Q3	Q13	1:G2	1-N3	R134	1:H3	1-I7
C52	1:C3	1-J9			1-Q2	RV1	1:E3	1-O8	R135	1:H3	1-K7
C53	1:D2	1-L8	IC5	1:H3	1-K0	RV2	1:H2	1-L7	R136	2:H2	1-L7
C54	1:D2	1-L8			1-G7	RV3	1:E2	1-G0	R137	1:H4	1-H6
C55	1:D3	1-L8			1-I6	R50	2:G2	1-N3	R138	1:H4	1-I6
C56	1:E2	1-N8	IC6	1:K2	1-F3	R51	1:C2	1-G8	R139	1:K1	1-D0
C57	1:B2	1-E8			1-G3	R52	1:C2	1-H8	R140	1:D3	1-G0
C58	1:E3	1-O8			1-O0	R53	2:B3	1-I8	R141	1:L2	1-S2
C59	2:J3	1-U8			1-F3	R54	2:C2	1-I8	R142	2:L2	1-R1
*C60	1:G3	1-G1			1-G3	R55	2:C2	1-J8	R143	2:L3	1-R1
C61	1:C3	1-H3			1-L4	R56	2:E2	1-M8	R144	1:E3	1-E1
C62	1:K2	1-U2			1-M4	R57	1:D3	1-M8	R145	2:D3	1-F1
C63	2:B3	1-D6	IC7	1:L2	1-P0	R58	2:C2	1-K8	R146	1:K3	1-I1
*C64	1:H2	1-L2			1-C0	R59	2:D2	1-K8	R147	2:C2	1-G9
C65	2:J3	1-U7			1-C0	R60	2:E2	1-O8	R148	1:C2	1-G8
C66	1:J3	1-U3			1-P3	R61	1:B2	1-E9	R149	2:B2	1-F8
C67	1:K2	1-U2			1-M5	R62	1:B3	1-E9	R150	1:B3	1-F9
C68	2:E2	1-N8			1-L5	R63	1:E4	1-P8	R151	2:B3	1-F9
C69	1:K3	1-U1			1-C3	R64	2:J3	1-U8	R152	2:G2	1-O3
C70	2:J3	1-U6	IC13	1:A3	1-Q0	R65	1:B1	1-D6	R153	1:G2	1-O3
C71	1:K3	1-U1	IC14	1:F3	1-P8	R66	2:G1	1-C0	R154	1:L2	1-P3
C72	1:E3	1-N8				R67	1:K1	1-D0	R155	2:G2	1-N3
C73	1:L3	1-U4	LINK1	2:B1	1-B8	R68	1:E3	1-D1	R156	2:G2	1-M2
C74	1:L3	1-U5	L1	1:E2	1-R9	R69	1:H3	1-I1	R157	1:H1	1-D2
C75	2:A2	1-Q0	LINK1A	2:F1	1-B0	R70	1:G3	1-G1	S21	1:K3	1-V5
C76	2:A4	1-R0	LINK1B	2:F1	1-B1	R71	1:E1	1-F3			1-V4
C77	1:A3	1-Q0	LINK1C	2:F1	1-B0	R72	2:G1	1-B1			1-V3
C78	1:B3	1-R0	LINK1D	2:F1	1-B0	R73	1:D4	1-I3			1-V3
C79	2:A3	1-S0	LINK2	2:D2	1-M8	R74	1:D4	1-J3			1-V2
C80	1:B3	1-T0	LINK3	2:G3	1-R8	R75	2:H2	1-L2			1-V2
C81	2:F2	1-Q9	LINK4	2:H3	1-T8	R76	1:D4	1-J3			1-V1
C82	2:F2	1-R9	LINK5	2:H4	1-S8	#R77	2:J2	1-H3			1-V1
C83	1:F2	1-Q9	LINK6	2:H4	1-S8	R78	1:G2	1-F3			1-V9
C84	1:F2	1-Q9	LINK7	2:H3	1-S8	R79	2:E3	1-E0			1-V9
C85	1:L3	1-U4	LINK8	2:H3	1-S7	R80	2:E3	1-D0			1-V8
C86	2:M2	1-S6	LINK9	2:J3	1-U7	R81	2:J2	1-U3			1-V7
C87	2:F3	1-S6	LINK10	2:H3	1-P7	R82	1:K3	1-V2			1-V6
C88	1:D1	1-S6	LINK11	2:H2	1-L7	R83	1:B2	1-D7			1-V5
C89	1:G3	1-P8	LINK12	2:G4	1-H7	R84	2:B2	1-E6			1-Q0
C90	1:F3	1-Q8	LINK13	2:B1	1-C5	R85	1:B2	1-D7	S22	1:M3	1-B9
C91	2:G3	1-Q8	LINK14	2:B2	1-E6	R86	2:J3	1-U7	S23	1:M3	1-B9
C92	1:J3	1-G7	LINK15	2:H2	1-U2	R87	1:J3	1-V3	S24	1:L2	1-B5
C93	1:H3	1-G6	LINK16	2:J1	1-C2	R88	1:K3	1-V2	S25	1:L3	1-B5
C94	1:M2	1-U9	LINK17	2:K2	1-G3	R89	1:E3	1-N8	S26	1:D2	1-M8
C95	1:M2	1-U9	LINK18	2:D3	1-F1	#R90	2:K3	1-V1	S27	1:C2	1-M9
C96	2:L3	1-U5	LINK20	2:J2	1-S3	#R91	2:K3	1-U6	S28	1:C1	1-C7
C97	1:K3	1-U3	LINK21	2:K1	1-O3	R92	1:E3	1-O8	S29	1:D1	1-C6
C98	1:B2	1-D5	LINK22A	2:K2	1-I4	R93	1:G1	1-C4	S30	1:B2	1-C9
C99	1:C2	1-D6	LINK22B	2:K2	1-I3	R94	1:L3	1-U4	S31	1:C4	1-I1
C100	2:B2	1-D8	LINK22C	2:K2	1-I3	R95	1:L3	1-U4	S32	1:H3	1-J7
C101	1:H3	1-J7	LINK22D	2:K2	1-I3	R96	1:L2	1-C5	S33	1:D2	1-E7
C102	1:H4	1-I6	LINK22E	2:L2	1-S1	R97	1:L2	1-C5	S34	1:F2	1-D5
C103	1:J4	1-J6	LINK22F	2:K2	1-R3	R98	2:L3	1-U5	S35	1:M2	1-V0
C104	1:J4	1-J6	LINK23	2:F3	1-H0	R99	1:L3	1-U5			
C105	1:C3	1-I8	LINK24	2:K2	1-N5	R100	2:A2	1-Q0			
C106	1:E2	1-G0	LINK25	2:K1	1-Q1	R101	2:B3	1-S0			
C107	2:C2	1-G8	LINK26	2:K2	1-N4	R102	2:B3	1-S0			
C108	1:B3	1-F8	LINK27	2:C2	1-H8	R103	2:L3	1-U5			
C109	2:B2	1-F8	LINK28	2:C3	1-H8	R104	1:L3	1-U5			
C110	2:C2	1-H8				R105	2:H1	1-D3			
*C120	1:H4	1-T8	P13	1:B1	1-B8	R106	2:H1	1-D2			
					1-B8	R107	2:J2	1-P7			
D1	1:G2	1-N3			1-B6	R108	2:J3	1-P7			
		1-M3			1-B8	R109	2:G3	1-Q8			
D2	1:H3	1-K7			1-B5	R110	2:G3	1-R8			
		1-K6			1-B7	R111	2:H3	1-S8			
D3	1:D3	1-F0			1-P0	R112	2:H3	1-S8			
D5	1:L1	1-R1	P14	1:E1	1-B8	R113	2:H3	1-S8			
		1-R2			1-B8	R114	2:H3	1-R8			
D7	1:G3	1-H1			1-B0	R115	2:H3	1-R8			
		1-I1			1-B0	R116	2:H3	1-S8			
D8	1:H2	1-B2			1-B4	R117	2:H3	1-S8			
		1-C2			1-B4	R118	2:H3	1-S8			
					1-B2	R119	2:D3	1-K8			
D9	1:C3	1-H3			1-B3	R120	1:G3	1-G2			
		1-H3			1-N0	R121	2:J1	1-C2			
IC1	1:B2	1-M0	Q1	1:G3	1-H1	R122	1:J3	1-F6			
		1-E8	Q2	1:F3	1-E1	R123	1:J3	1-G7			
		1-E5	Q3	1:G3	1-H2	R124	1:J3	1-G6			

Mechanical Parts and Miscellaneous Parts

IPN	Description
205-00010-12	CBLE FLAT 16CORE 16/7/0.1 GREY
220-01272-02	PCB T2000 LINE INTERFACE UNIT
240-00010-80	PLUG 15 W DRANGE HI-DENS
240-00026-24	CONN PADLE BRD 16 W M-MATCH
240-00026-26	CONN PADLE BRD 12 W M-MATCH
240-06010-29	HOOD/COV 9WLONG EAR THUMB SCR
345-00051-00	SCRW PTDG 30*06 P/TORX BZ LUBE



	LINE OUTPUT AUDIO RESPONSE	LINE OUTPUT FILTER RESPONSE	LINE OUTPUT IMPEDANCE	LINE OUTPUT IMPEDANCE	LINE OUTPUT ATTENUATION PADS 600 OHM	LINE OUTPUT ATTENUATION PADS 150 OHM	LINE INPUT LINE OUTPUT	LINE INPUT LINE OUTPUT	LINE INPUT IMPEDANCE	LINE INPUT ATTENUATION	LINE INPUT ATTENUATION	LINE INPUT AUDIO RESPONSE	LINE INPUT AUDIO RESPONSE	
	LINK1	LINK2	LINK3	LINK4	LINK5	LINK6	LINK7	LINK8	LINK9	LINK10	LINK11	LINK12	LINK13	LINK14
A	DE-EMPHASIS	2-POLE	600-OHM	600-OHM	0DB	15DB	0DB	15DB	LINKED	600-OHM	0DB	FLAT	PRE-EMPHASIS	FLAT
B	FLAT	6-POLE	150-OHM	150-OHM						150-OHM		PRE-EMPHASIS		
C														
D														
E														
F														
NO LINK					15DB	0DB	15DB	0DB	SEPERATED	HIGH	15DB			

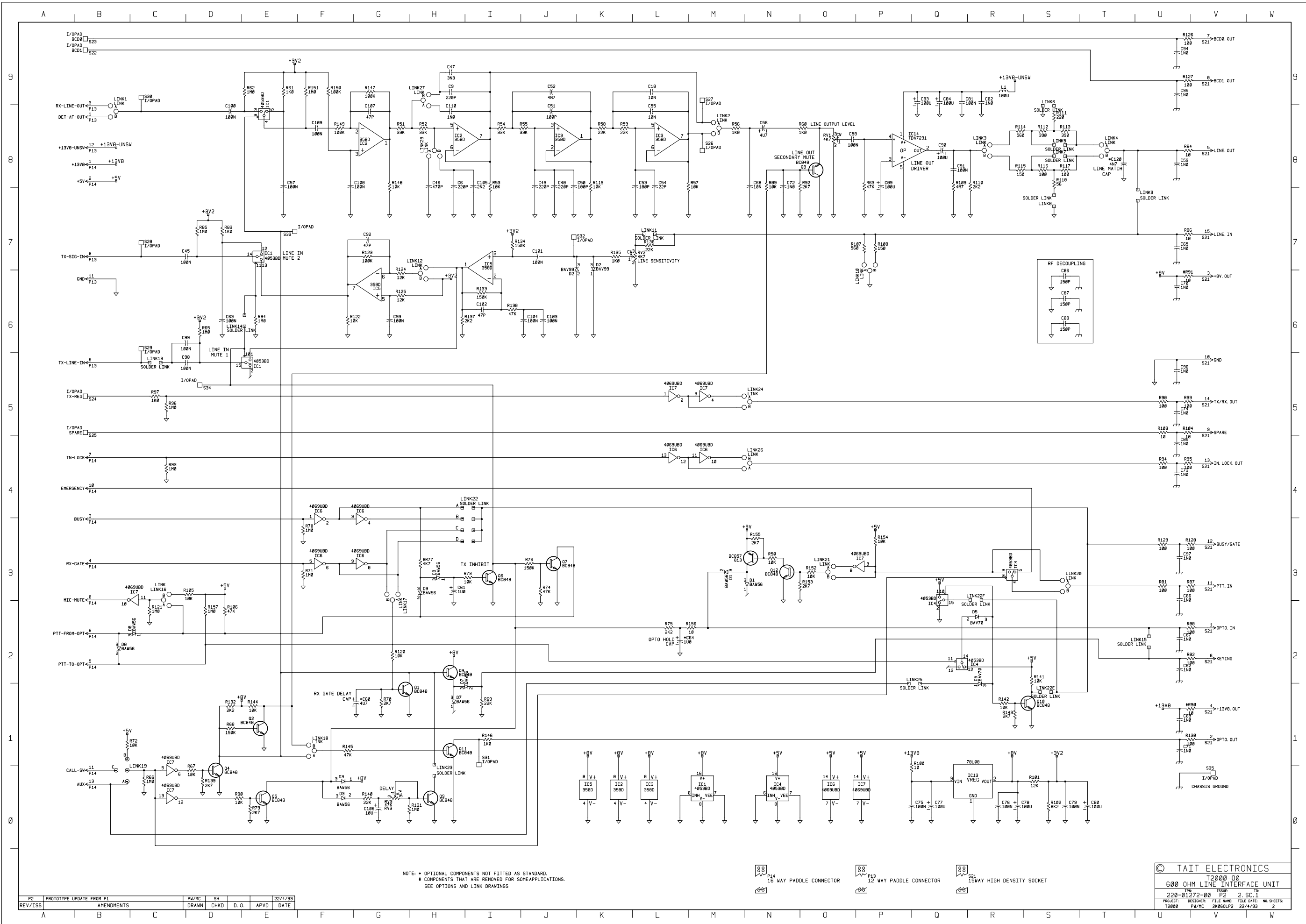
	KEYING I/O	MIC MUTE	RX-GATE SENSE	OPTO DRIVER SENSE	LINE CIRCUIT ENABLE	PTT INPUT	PTT SENSE	RX-GATE / BUSY OUTPUT	TIME DELAY	TX / RX OUTPUT	NOT CLEAR TO SEND (TRUNKED ONLY)	IN-LOCK OUTPUT	LINE OUTPUT FILTER COMPONENTS	LINE OUTPUT FILTER COMPONENTS
	LINK15	LINK16	LINK17	LINK18	LINK19	LINK20	LINK21	LINK22	LINK23	LINK24	LINK25	LINK26	LINK27	LINK28
A	BIDIRECTIONAL	LINE PTT	STANDARD	STANDARD	ON AUX	STANDARD	KEY 0V	BUSY 5V	ENABLED	TX 5V / RX 0V	ENABLED	LOCKED 5V	2 POLE	2 POLE
B		NONE		T223	PERMANENT	TRUNKED	KEY 5V	BUSY 0V		TX 0V / RX 5V		LOCKED 0V	6 POLE	6 POLE
C					TRUNKED			RX-GATE 5V						
D								RX-GATE 0V						
E								TRUNKED BUSY 0V						
F								TRUNKED BUSY 5V						
NO LINK	UNIDIRECTIONAL	PERMANENT	TRUNKED		DISABLED				DISABLED	DISABLED	DISABLED	DISABLED		

	LINE MATCH	OPTO HOLD	RX_GATE DELAY
*CAPS	*C120	*C64	*C60
STANDARD	-	-	-
OPTIONAL	4N7YPI	1U0FI50	4U7FI50LESR

I/O PAD DESCRIPTIONS

S22	BCD1
S23	BCD0
S24	TX REG
S25	SPARE
S26	6 POLE FILTER OUTPUT
S27	2 POLE FILTER OUTPUT
S28	TX SIG IN
S29	TX LINE IN
S30	RX OUT
S31	OPTO DRIVER
S32	LINE INPUT AMPLIFIER
S33	LINE OUT MUTE
S34	LINE IN MUTE
S35	CHASSIS GROUND

- Notes: 1/ Remove R77 for trunked modem operation or, in non-trunked radios, to remove external inhibit on busy.
- 2/ R90, R91 should be removed for two-wire crossband when moulded cord sets are used. (HD15M-HD15M) This is to avoid PSU conflicts between radios. (+8V out, +13V out.)



NOTE: * OPTIONAL COMPONENTS NOT FITTED AS STANDARD.
 * COMPONENTS THAT ARE REMOVED FOR SOME APPLICATIONS.
 SEE OPTIONS AND LINK DRAWINGS

88 P14 16 WAY PADDLE CONNECTOR
 88 P13 12 WAY PADDLE CONNECTOR
 88 S21 15WAY HIGH DENSITY SOCKET

© TAIT ELECTRONICS
 T2000-80
 600 OHM LINE INTERFACE UNIT
 220-01272-00 2 SC. 1
 PROJECT: 220000 DESIGNED: FILE NAME: NO SHEETS:
 T2000 P.W./M.C. 22/4/93 2 2

P2	PROTOTYPE UPDATE FROM P1	PW/MC	SH	22/4/93
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.
		APVD		DATE