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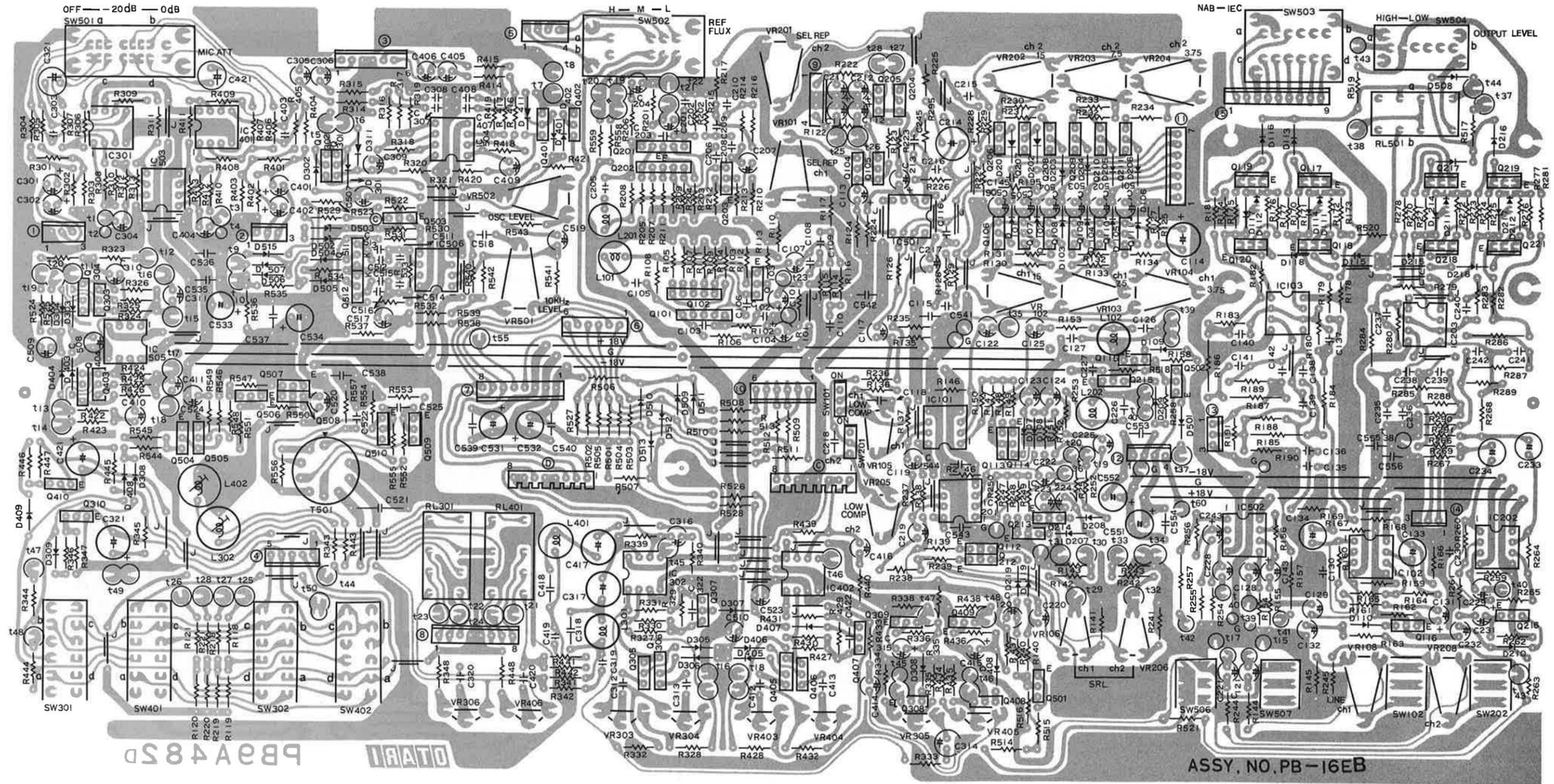
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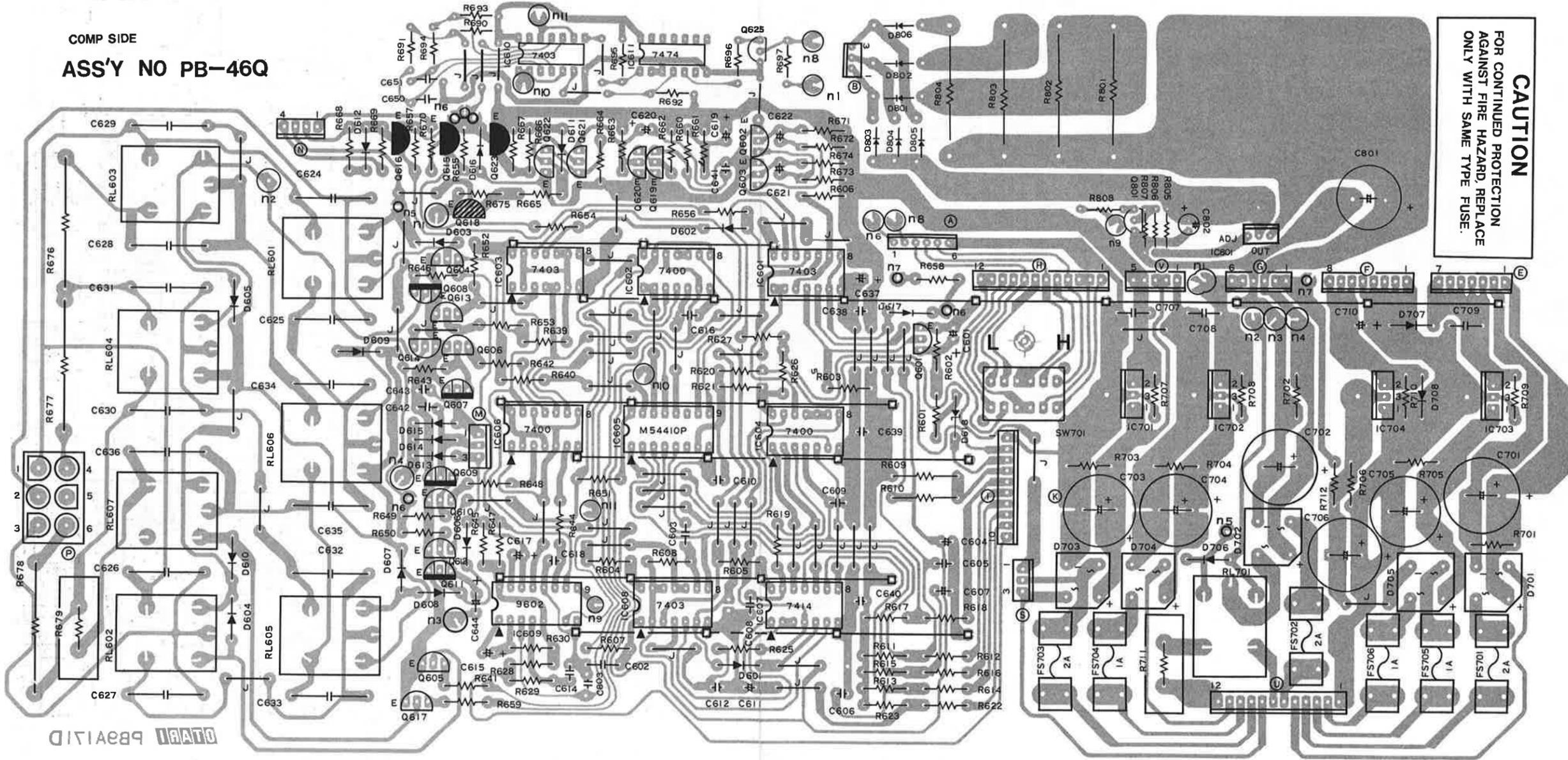
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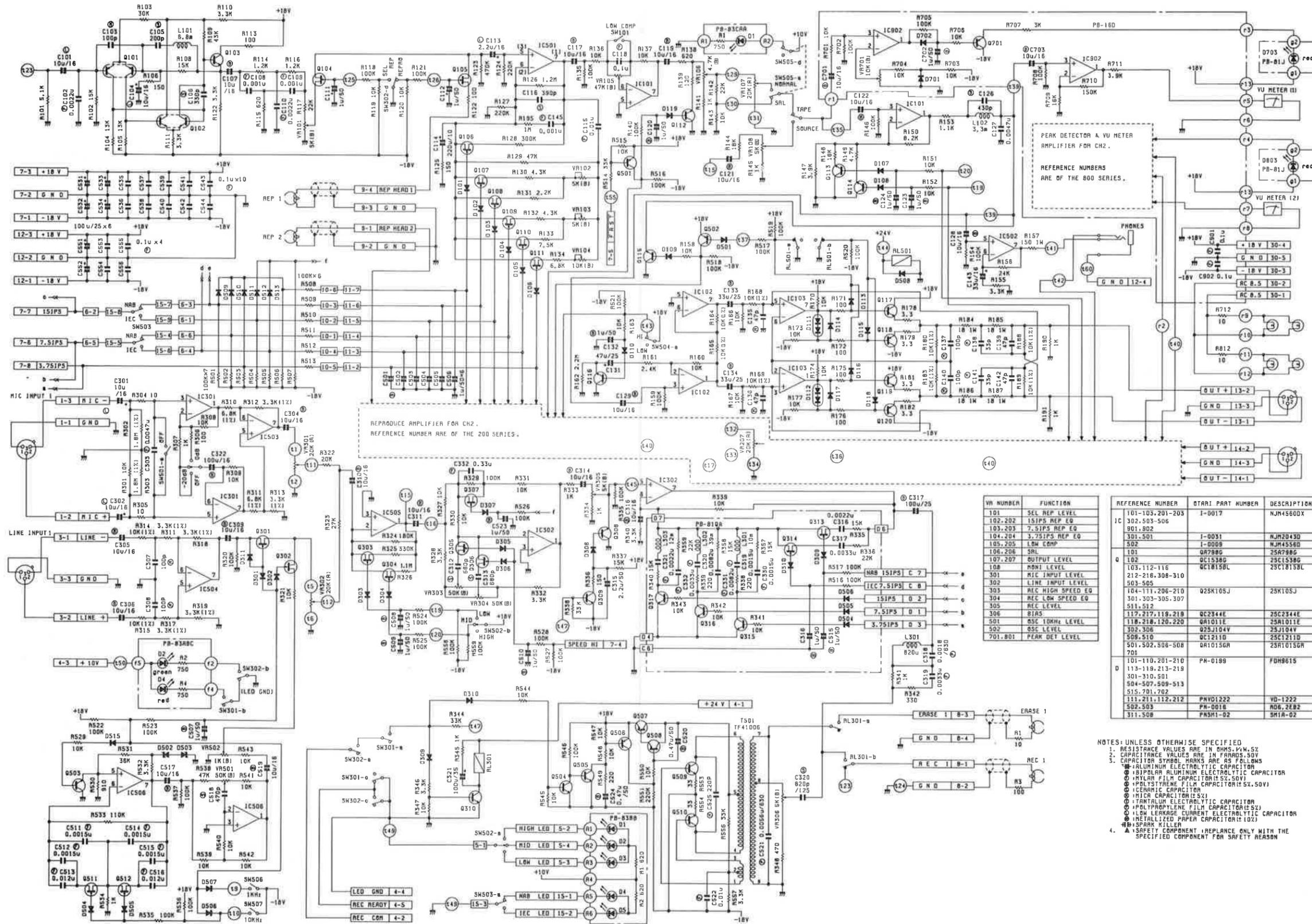
PB-16EB REC & PB AMP P.C.B. ASSEMBLY [1]:



PB-46Q CONTROL P.C.B. ASSEMBLY [2]:



AI0680C REC & REPRO AMP.

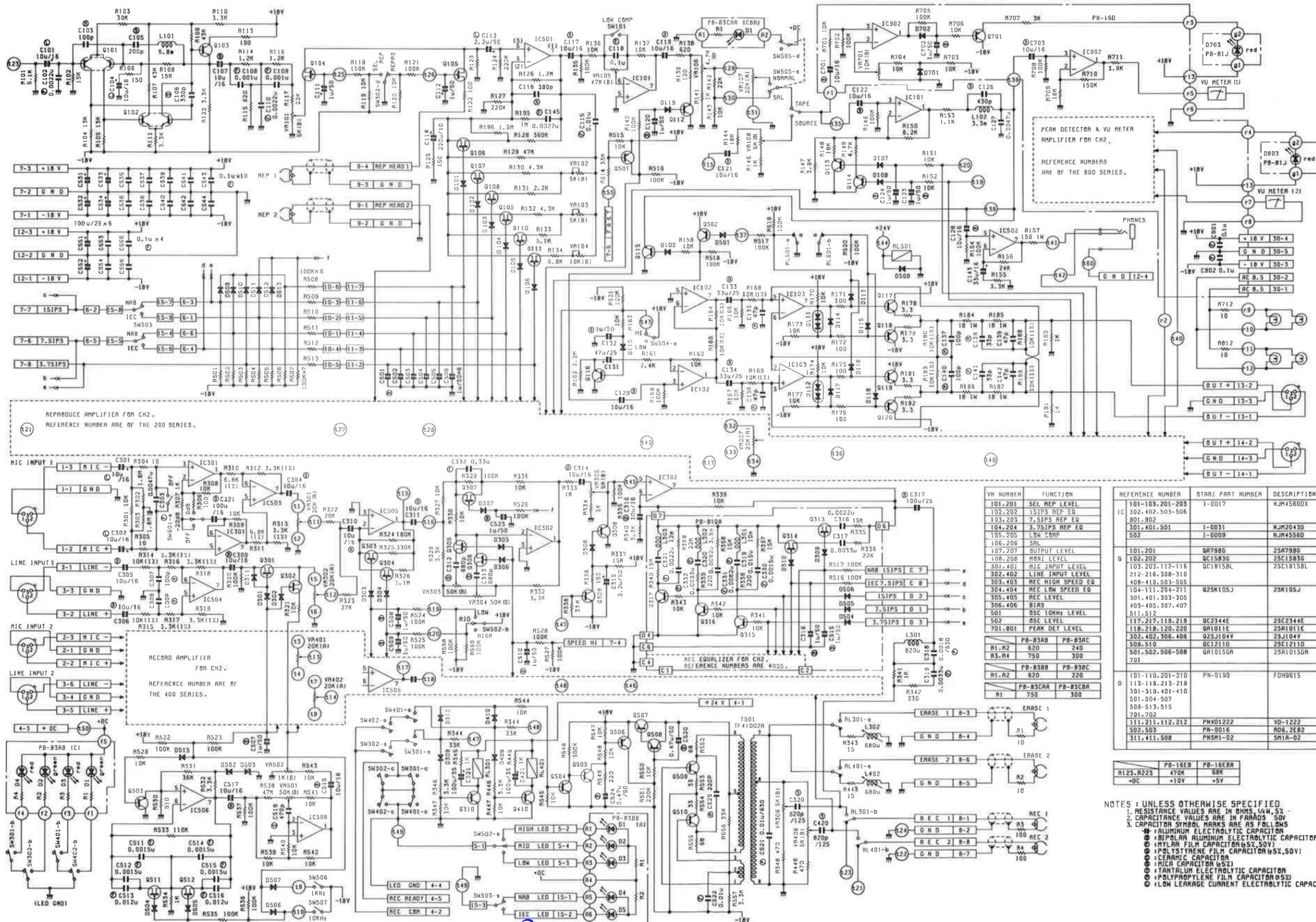


VAR NUMBER	FUNCTION
101	SEL REP LEVEL
102-202	15IPS REP EQ
103-203	7.5IPS REP EQ
104-204	3.75IPS REP EQ
105-205	LOW COMP
106-206	SRL
107-207	OUTPUT LEVEL
108	MONI LEVEL
109-209	MIC INPUT LEVEL
110-210	MIC HIGH SPEED EQ
111-211	MIC LOW SPEED EQ
112-212	REC LEVEL
113-213	REC HIGH SPEED EQ
114-214	REC LOW SPEED EQ
115-215	OSC LEVEL
116-216	OSC HIGH LEVEL
117-217	OSC LOW LEVEL
118-218	OSC LEVEL
119-219	OSC LEVEL
120-220	OSC LEVEL
121-221	OSC LEVEL
122-222	OSC LEVEL
123-223	OSC LEVEL
124-224	OSC LEVEL
125-225	OSC LEVEL
126-226	OSC LEVEL
127-227	OSC LEVEL
128-228	OSC LEVEL
129-229	OSC LEVEL
130-230	OSC LEVEL
131-231	OSC LEVEL
132-232	OSC LEVEL
133-233	OSC LEVEL
134-234	OSC LEVEL
135-235	OSC LEVEL
136-236	OSC LEVEL
137-237	OSC LEVEL
138-238	OSC LEVEL
139-239	OSC LEVEL
140-240	OSC LEVEL
141-241	OSC LEVEL
142-242	OSC LEVEL
143-243	OSC LEVEL
144-244	OSC LEVEL
145-245	OSC LEVEL
146-246	OSC LEVEL
147-247	OSC LEVEL
148-248	OSC LEVEL
149-249	OSC LEVEL
150-250	OSC LEVEL

REFERENCE NUMBER	Q/TARI	PART NUMBER	DESCRIPTION
101-105, 201-205	I-0017		NJM4560DX
302, 503-506			
901, 902			
301, 501	I-0031		NJM2043D
502	I-0038		NJM4560
101	Q0780		25A780C
102	QC1536D		25C1536D
103, 112-116	QC1815BL		25C1815BL
212-216, 306-310			
503-505			
104-111, 206-210	Q25K105J		25K105J
301-303, 305, 307			
511, 512			
117, 217, 119, 219	QC2344E		25C2344E
118, 218, 120, 220	QC1011E		25R1011E
302, 306	QC25104V		25J104V
509, 510	QC1211D		25C1211D
501, 502, 506-508	QC1015GR		25R1015GR
701			
101-110, 201-210	PA-0199		FDH9615
113-119, 213-219			
301-310, 501			
504-507, 509-513			
515, 701, 702			
111, 211, 112, 212	PAV01322		VD-1322
502, 503	PA-0018		NOB, 2E82
311, 508	PAH1-02		SM1A-02

NOTES: UNLESS OTHERWISE SPECIFIED
 1. RESISTANCE VALUES ARE IN OHMS, KW, SZ
 2. CAPACITANCE VALUES ARE IN FARADS, SVV
 3. CAPACITOR SYMBOL MARKS ARE AS FOLLOWS
 * ALUMINUM ELECTROLYTIC CAPACITOR
 * BIPOLAR ALUMINUM ELECTROLYTIC CAPACITOR
 * MYLAR FILM CAPACITOR (5X, 50V)
 * POLYSTYRENE FILM CAPACITOR (5X, 50V)
 * CERAMIC CAPACITOR
 * MICR CAPACITOR (5X)
 * TANTALUM ELECTROLYTIC CAPACITOR
 * POLYPROPYLENE FILM CAPACITOR (5X)
 * LOW LEAKAGE CURRENT ELECTROLYTIC CAPACITOR
 * METALLIZED PAPER CAPACITOR (10X)
 * SPARK KILLER
 4. A SAFETY COMPONENT, REPLACE ONLY WITH THE SPECIFIED COMPONENT FOR SAFETY REASON

A10620B REC & REPRO AMP.

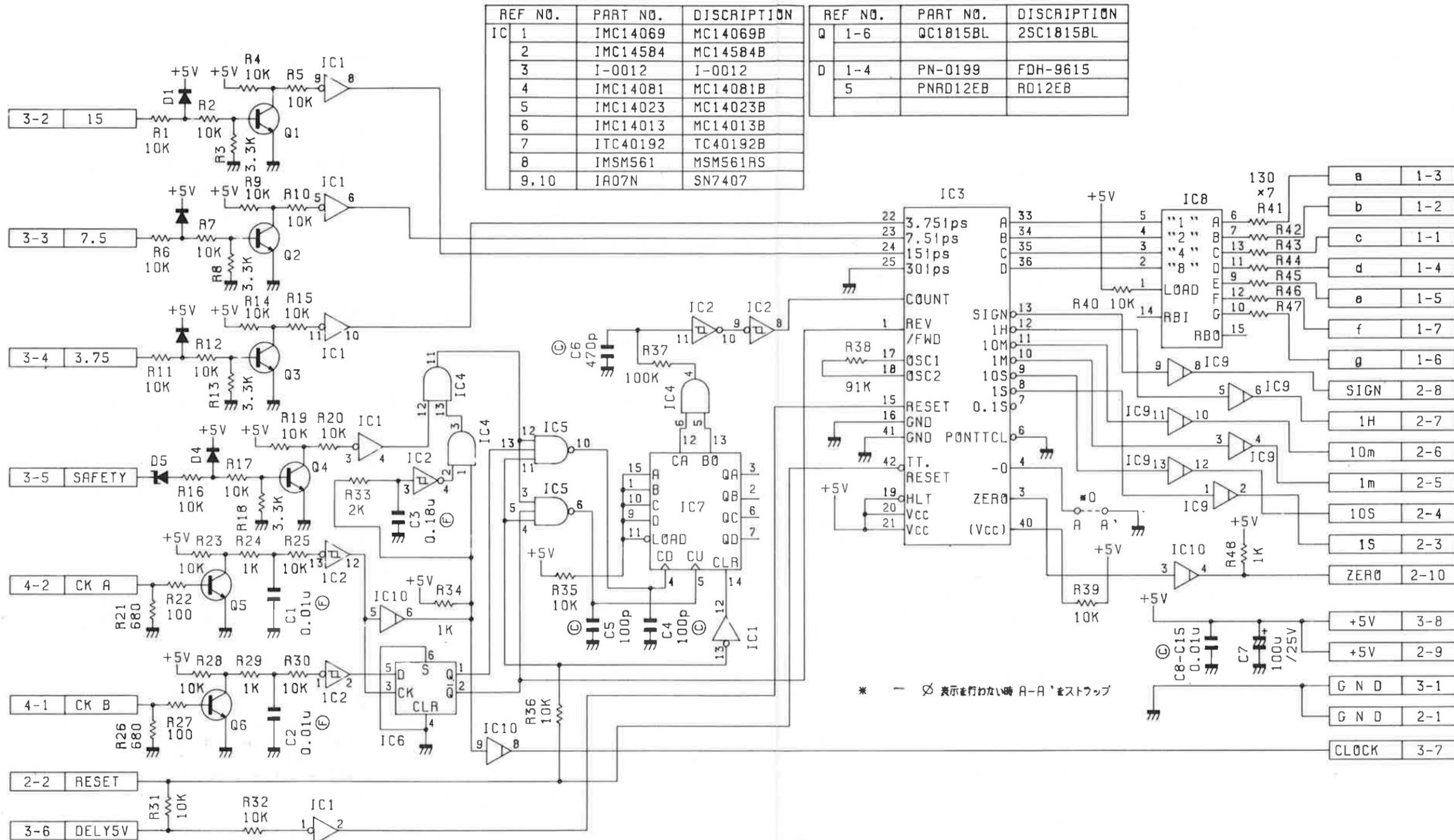


VAR NUMBER	FUNCTION
101,201	SEL REP LEVEL
102,202	15IPS REP EQ
103,203	7.5IPS REP EQ
104,204	3.75IPS REP EQ
105,205	LOW COMP
106,206	SRL
107,207	OUTPUT LEVEL
108,208	MONI LEVEL
301,401	MIC INPUT LEVEL
302,402	LINE INPUT LEVEL
303,403	REC HIGH SPEED EQ
304,404	REC LOW SPEED EQ
305,405	REC LEVEL
306,406	BIAS
501	OSC 10KHZ LEVEL
502	OSC LEVEL
701,801	PEAK DET LEVEL
PB-B3AB PB-B3AC	
R1,R2	820 240
R3,R4	750 300
PB-B3BB PB-B3BC	
R1,R2	820 220
R1	750 300
PB-B3CA PB-B3CB	
R1	750 330

REFERENCE NUMBER	Q/TARI PART NUMBER	DESCRIPTION
101-103,201-203	1-0017	NJM4560X
302,402,503-506		
901,902		
301,401,501	1-0031	NJM20430
502	1-0009	NJM45560
Q		
101,201	Q9798C	25A798C
102,202	QC1583G	25C1583G
103,203,117-116		
212-216,308-310		
408-410,503-505		
104-111,204-211	Q25K105J	25K105J
301,401,303-305		
403-405,307,407		
511,512		
117,217,119,219	QC2344E	25C2344E
119,219,120,220	QA1011E	25A1011E
302,402,306,406	Q25J104V	25J104V
509,510	QC1211D	25C1211D
501,502,508-508	QA1015GR	25A1015GR
701		
Q		
101-110,201-210	PA-0199	FDH9615
113-119,213-219		
301-310,401-410		
501,504-507		
508-513,515		
701,702		
111,211,112,212	PNV0122Z	VD-122Z
502,503	PA-0016	RD6,2E82
311,411,508	PNM1-02	SM1A-02
R		
A123,A223	PB-16EB	PB-16EAB
+0C	+10V	+5V

NOTES: UNLESS OTHERWISE SPECIFIED
 1. RESISTANCE VALUES ARE IN OHMS, UNLESS OTHERWISE SPECIFIED
 2. CAPACITANCE VALUES ARE IN FARADS UNLESS OTHERWISE SPECIFIED
 3. CAPACITOR SYMBOL MARKS ARE AS FOLLOWS
 * ALUMINUM ELECTROLYTIC CAPACITOR
 @ BIPOLAR ALUMINUM ELECTROLYTIC CAPACITOR
 @ MYLAR FILM CAPACITOR (5% SOV)
 @ POLYSTYRENE FILM CAPACITOR (5% SOV)
 @ CERAMIC CAPACITOR
 @ MICA CAPACITOR (5%)
 @ TANTALUM ELECTROLYTIC CAPACITOR
 @ POLYPROPYLENE FILM CAPACITOR (5%)
 @ LEAKAGE CURRENT ELECTROLYTIC CAPACITOR

PB-46R TIMER DRIVE P.C.B. ASSEMBLY

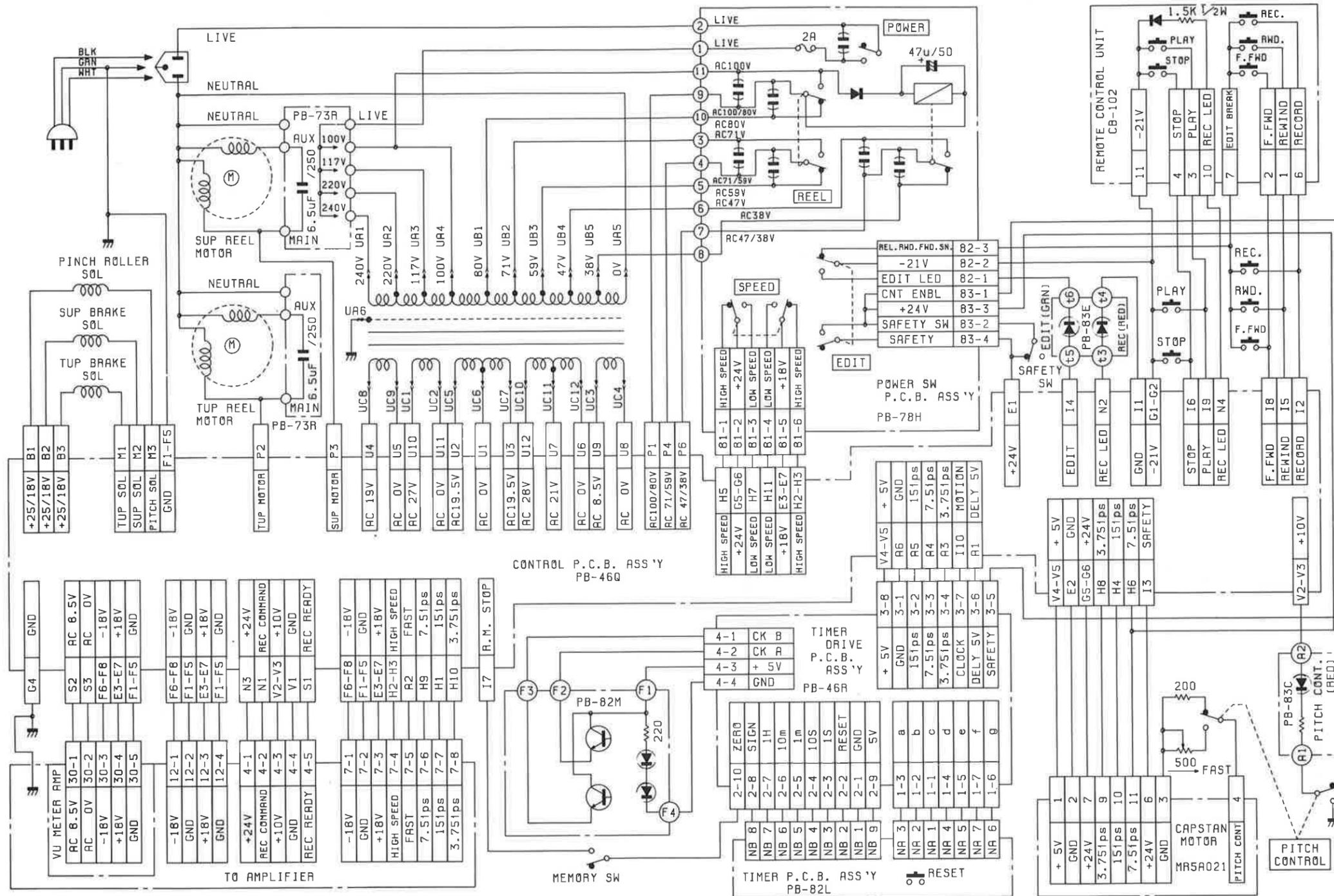


REF NO.	PART NO.	DISCRIPTION	REF NO.	PART NO.	DISCRIPTION				
IC	1	IMC14069	MC14069B	Q	1-6	QC1815BL	2SC1815BL		
	2	IMC14584	MC14584B		D	1-4	PN-0199	FDH-9615	
	3	I-0012	I-0012			5	PNRD12EB	RD12EB	
	4	IMC14081	MC14081B						
	5	IMC14023	MC14023B						
	6	IMC14013	MC14013B						
	7	ITC40192	TC40192B						
	8	IMSM561	MSM561RS						
	9,10	IA07N	SN7407						

NOTES : UNLESS OTHERWISE SPECIFIED

- RESISTANCE VALUES ARE IN OHMS, $\pm 5\%$.
- CAPACITANCE VALUES ARE IN FARADS, 50V.
- CAPACITOR SYMBOL MARKS ARE AS FOLLOWS.
 - ⊖: ALUMINUM ELECTROLYTIC CAPACITOR.
 - ⊕: BIPOLAR ALUMINUM ELECTROLYTIC CAPACITOR.
 - Ⓜ: MYLAR FILM CAPACITOR ($\pm 5\%$, 50V)
 - Ⓢ: POLYSTYRENE FILM CAPACITOR ($\pm 5\%$, 50V)
 - Ⓢ: CERAMIC CAPACITOR.
 - Ⓜ: MICA CAPACITOR ($\pm 5\%$)
- Ⓢ: TANTALUM ELECTROLYTIC CAPACITOR.
 - Ⓢ: POLYPROPYLENE FILM CAPACITOR ($\pm 5\%$)
 - Ⓢ: LOW LEAKAGE CURRENT ELECTROLYTIC CAPACITOR.
 - Ⓢ: METALLIZED PAPER CAPACITOR ($\pm 10\%$)
 - Ⓢ: SPARK KILLER.
 - Ⓢ: SAFETY COMPONENT ; REPLACE ONLY WITH THE SPECIFIED COMPONENT FOR SAFETY REASON.

WIRING DIAGRAM TRANSPORT



NOTES: UNLESS OTHERWISE SPECIFIED
 1. RESISTANCE VALUES ARE IN OHMS, 1/4W, 5%
 2. CAPACITANCE VALUES ARE IN FARADS, 50V
 3. CAPACITOR SYMBOL MARKS ARE AS FOLLOWS
 (A): ALUMINUM ELECTROLYTIC CAPACITOR
 (B): BIPOLAR ALUMINUM ELECTROLYTIC CAPACITOR
 (C): MYLAR FILM CAPACITOR (±5%, 50V)
 (D): POLYSTYRENE FILM CAPACITOR (±5%, 50V)
 (E): CERAMIC CAPACITOR
 (F): MICA CAPACITOR (±5%)

(G): TANTALUM ELECTROLYTIC CAPACITOR
 (H): POLYPROPYLENE FILM CAPACITOR (±5%)
 (I): LOW LEAKAGE CURRENT ELECTROLYTIC CAPACITOR
 (J): METALLIZED PAPER CAPACITOR (±10%)
 (K): SPARK KILLER
 4. (L): SAFETY COMPONENT: REPLACE ONLY WITH THE SPECIFIED COMPONENT FOR SAFETY REASON