

PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

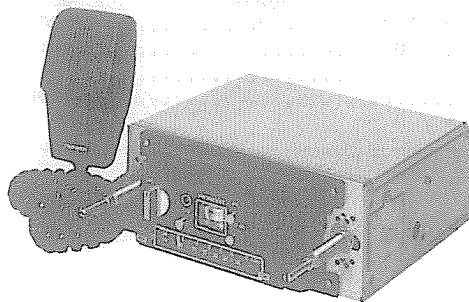
Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license.

(Refer to FCC Rules and Regulations Part 95, Subpart C & D.)

The frequency of the transmitter should be checked periodically with a secondary frequency standard to insure proper and legal operation.

Best results will be obtained when adjusting the final RF output circuit if the antenna normally used is connected and the chassis is as nearly in the cabinet as possible.

Connect either 50-ohm dummy load or the normally used antenna system.



MODEL GT-1100G

PIONEER MODEL GT-1100G

MANUFACTURER'S SPECIFICATIONS

CB RECEIVER

Channels	40
Frequency Range	26.965 ~ 27.405 MHz
Sensitivity	Less than 1 μ V 12dB S/N
Selectivity	-40dB $\pm$ 10 kHz
AGC	60dB
Squelch Sensitivity	0.5 μ V to 1mV

CB TRANSMITTER

Channels	40
Frequency Range	26.965 ~ 27.405 MHz
Output Power	4W (within FCC limit)
Modulation Capability	85 ~ 100%
Spurious Suppression	60dB
Frequency Tolerance	$\pm$ 0.005%
Antenna Impedance	50 Ω

AM RADIO

Frequency Range	530 ~ 1,610 kHz
I.F. Frequency	262.5 kHz
Sensitivity	16 μ V
Image Rejection	54dB

FM STEREO RADIO

Frequency Range	88 ~ 108 MHz
I.F. Frequency	10.7 MHz
Sensitivity	6 μ V
Image Rejection	40dB
MPX Separation	20dB
MPX Indicator Sensitivity	0.5 ~ 10 μ V
IHF Sensitivity	6 μ V

GENERAL

Power Source	DC 13.8V
Ground	Negative ground system
Output Power	Rated (RMS): 3W per ch.
Fuse Requirement	2A
Load Impedance	4 Ω (2 ~ 8 Ω allowable)
Semi-Conductors	1 PLL unit 3 LEDs 2 IC's 1 Variable 33 Transistors Capacitor 22 Diodes Diode 1 FET 2 Zener Diodes
Dimensions (WxHxD)	178 x 70 x 152 mm (7 x 2-3/4 x 6 in.)
Weight	2 Kg (4.4 lbs.)

Courtesy of the Manufacturer

HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206

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ALIGNMENT INSTRUCTIONS

CAUTION: Use isolation transformer or observe polarity when connecting test equipment. Maintain line voltage at 120V AC. Allow a 15-minute warm-up period. Adjustments made with 13.8-volt DC input. Connect low sides of test equipment to ground unless specified otherwise. Connect 50-ohm dummy load or antenna before keying transmitter. Suggested Alignment Tools: GC ELECTRONICS:
 T101 thru T105..... 5009
 L7, L10, L101, L102..... 9440
 L1, L3, L4, L6..... 8282, 9440
 TC1..... 5000

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of frequency counter to TP10.	Ch. 1		Check for 10.240MHz.
Input of frequency counter to TP11.	Ch. 1		Check for 37.660MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP12.	Ch. 1, XMT		Check for 26.965MHz. Check all channels. (See Truth Chart for correct frequencies.)

RECEIVER ALIGNMENT

Connect an AC VTVM or AF wattmeter across speaker voice coil. Adjust volume control to obtain a suitable indication. Set generator output low enough to prevent AGC limiting. Squelch MINIMUM.

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP13. 455kHz, 1000Hz @ 30% modulation.	Ch. 19	T105, T104, T103	Adjust for maximum output.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19	T102, T101, L102, L101	Adjust for maximum output. If necessary, readjust T103, T104 and T105.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation. Output 1uV.	Ch. 19 Volume Maximum Squelch MINIMUM	VR101	AGC Adjust for 2 volts audio.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation. Output 2,000uV.	Ch. 19	VR103	SQUELCH RANGE Set squelch control VR104 fully clockwise. Adjust VR103 so that squelch just breaks.
"	Ch. 19	VR102	S METER Adjust for 9 on S scale of meter.

TRANSMITTER ALIGNMENT

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.
NOTE: Be sure to check transmit frequency and power on all active channels after alignment of transmitter.
See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of spectrum analyzer to antenna jack.	Ch. 19	L10,L7, L6,L4 L3,L1	Adjust for maximum.
	Ch. 19	L3	Adjust for 3.5 watts.
	Ch. 19	TC1	Adjust for MINIMUM at 54MHz.

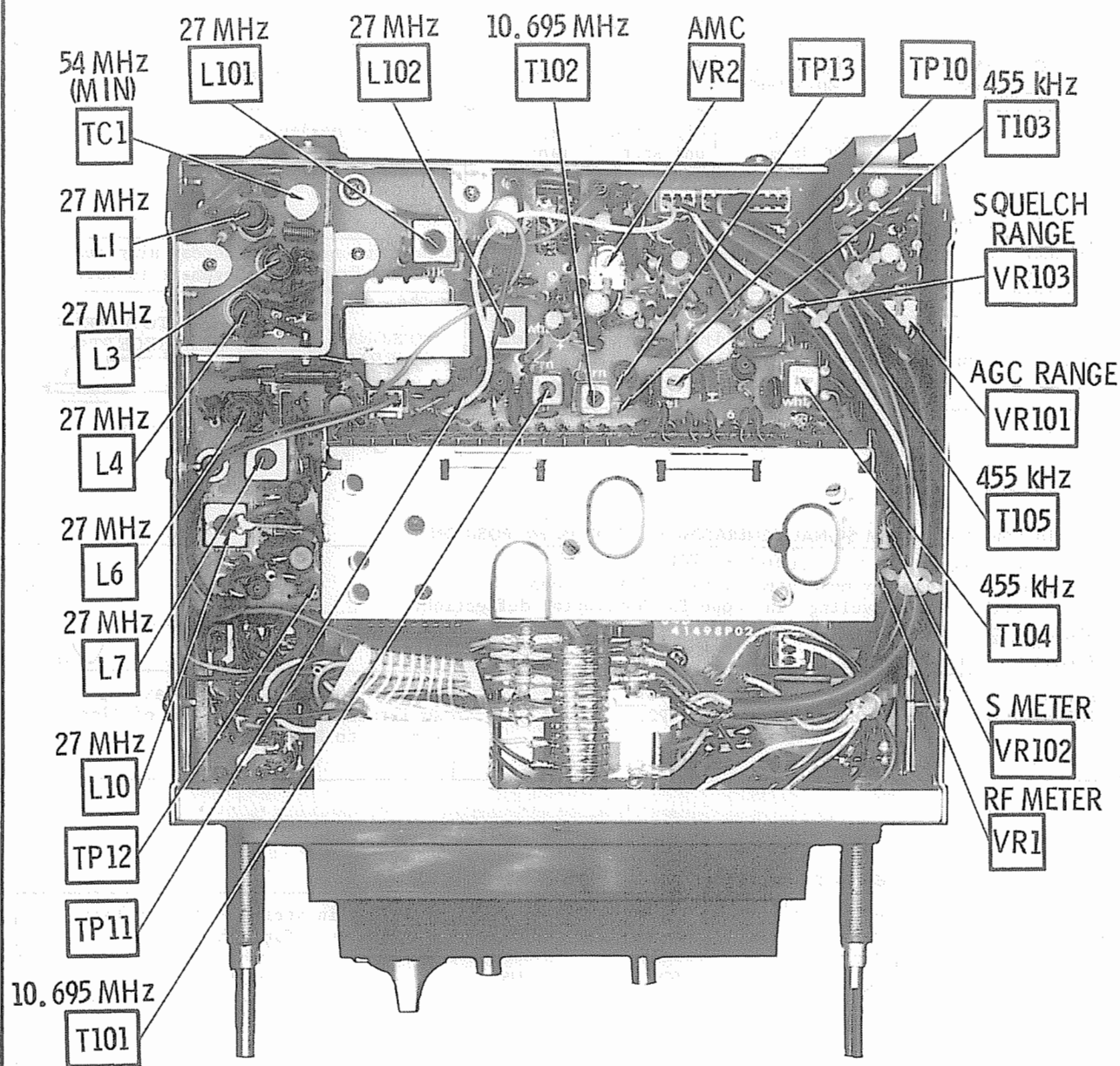
TRANSMITTER ADJUSTMENTS

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.
NOTE: Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.
See page 4 for channel frequency.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Modulation meter to antenna jack. Inject a 1000Hz, 25mV signal at MIC input.	Ch. 19	VR2	AMC Adjust for 90% modulation.
	Ch. 19	VR1	RF PANEL METER Adjust so that RF panel meter agrees with RF wattmeter.

TRUTH CHART

C H A N N E L	1 = 7.45 Volts 0 = 0 Volts								REC VCO OUTPUT IN MHz AT TP11	XMT VCO OUTPUT IN MHz AT TP12	
	PLL UNIT										
	PINS										
	6	5	7	8	10	9					
1	0	0	0	0	0	0			37.660	26.965	
2	0	0	0	0	0	1			37.670	26.975	
3	0	0	0	0	1	0			37.680	26.985	
4	0	0	0	1	0	0			37.700	27.005	
5	0	0	0	1	0	1			37.710	27.015	
6	0	0	0	1	1	0			37.720	27.025	
7	0	0	0	1	1	1			37.730	27.035	
8	0	0	1	0	0	1			37.750	27.055	
9	0	0	1	0	1	0			37.760	27.065	
10	0	0	1	0	1	1			37.770	27.075	
11	0	0	1	1	0	0			37.780	27.085	
12	0	0	1	1	1	0			37.800	27.105	
13	0	0	1	1	1	1			37.810	27.115	
14	0	1	0	0	0	0			37.820	27.125	
15	0	1	0	0	0	1			37.830	27.135	
16	0	1	0	0	1	1			37.850	27.055	
17	0	1	0	1	0	0			37.860	27.165	
18	0	1	0	1	0	1			37.870	27.175	
19	0	1	0	1	1	0			37.880	27.185	
20	0	1	1	0	0	0			37.900	27.205	
21	0	1	1	0	0	1			37.910	27.215	
22	0	1	1	0	1	0			37.920	27.225	
23	0	1	1	1	0	1			37.950	27.255	
24	0	1	1	0	1	1			37.930	27.235	
25	0	1	1	1	0	0			37.940	27.245	
26	0	1	1	1	1	0			37.960	27.265	
27	0	1	1	1	1	1			37.970	27.275	
28	1	0	0	0	0	0			37.980	27.285	
29	1	0	0	0	0	1			37.990	27.295	
30	1	0	0	0	1	0			38.000	27.305	
31	1	0	0	0	1	1			38.010	27.315	
32	1	0	0	1	0	0			38.020	27.325	
33	1	0	0	1	0	1			38.030	27.335	
34	1	0	0	1	1	0			38.040	27.345	
35	1	0	0	1	1	1			38.050	27.355	
36	1	0	1	0	0	0			38.060	27.365	
37	1	0	1	0	0	1			38.070	27.375	
38	1	0	1	0	1	0			38.080	27.385	
39	1	0	1	0	1	1			38.090	27.395	
40	1	0	1	1	0	0			38.100	27.405	



CHASSIS-TOP

ALIGNMENT INSTRUCTIONS

Check for specified source voltage.
Connect low sides of generator and indicator to ground unless specified otherwise.
Use only enough generator output to provide a usable indication.
Suggested Alignment Tools: GC ELECTRONICS:
T301, T302, T401, T402..... 5009
TC201 thru TC303, TC401 thru TC403.. 5000

PUSH-BUTTON ADJUSTMENT

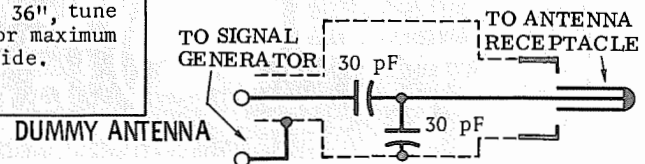
1. Pull button out.
2. Tune manually to desired station.
3. Press button in firmly.
4. Repeat for remaining buttons.

AM ALIGNMENT—SELECTOR IN AM POSITION

Connect output meter across speaker voice coil.

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	ADJUST	REMARKS
High side thru .1uF	262.5kHz, 400-Hz mod.	High freq end stop	T402, T401	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz 400Hz Mod.	"	TC403	"
Thru dummy antenna to antenna input.	1610kHz 400Hz Mod.	1610kHz	TC402, TC401	Adjust for maximum. Repeat alignment until no further improvement is noted.

With radio installed in car and antenna extended 36", tune in a weak station near 1400kHz and adjust TC401 for maximum output. Antenna adjustment is located on right side.



FM IF ALIGNMENT USING FM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001uF to TP1.
Use 60-hertz, frequency-modulated signal, 450kHz sweep.
Use 60-hertz sawtooth voltage in scope for horizontal deflection.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz 450kHz Sweep	Point of non- interference	Vert input of scope to TP2.	T302, T301	Adjust T302 and T301 for maximum amplitude and straightness of line, similar to Figure 2.



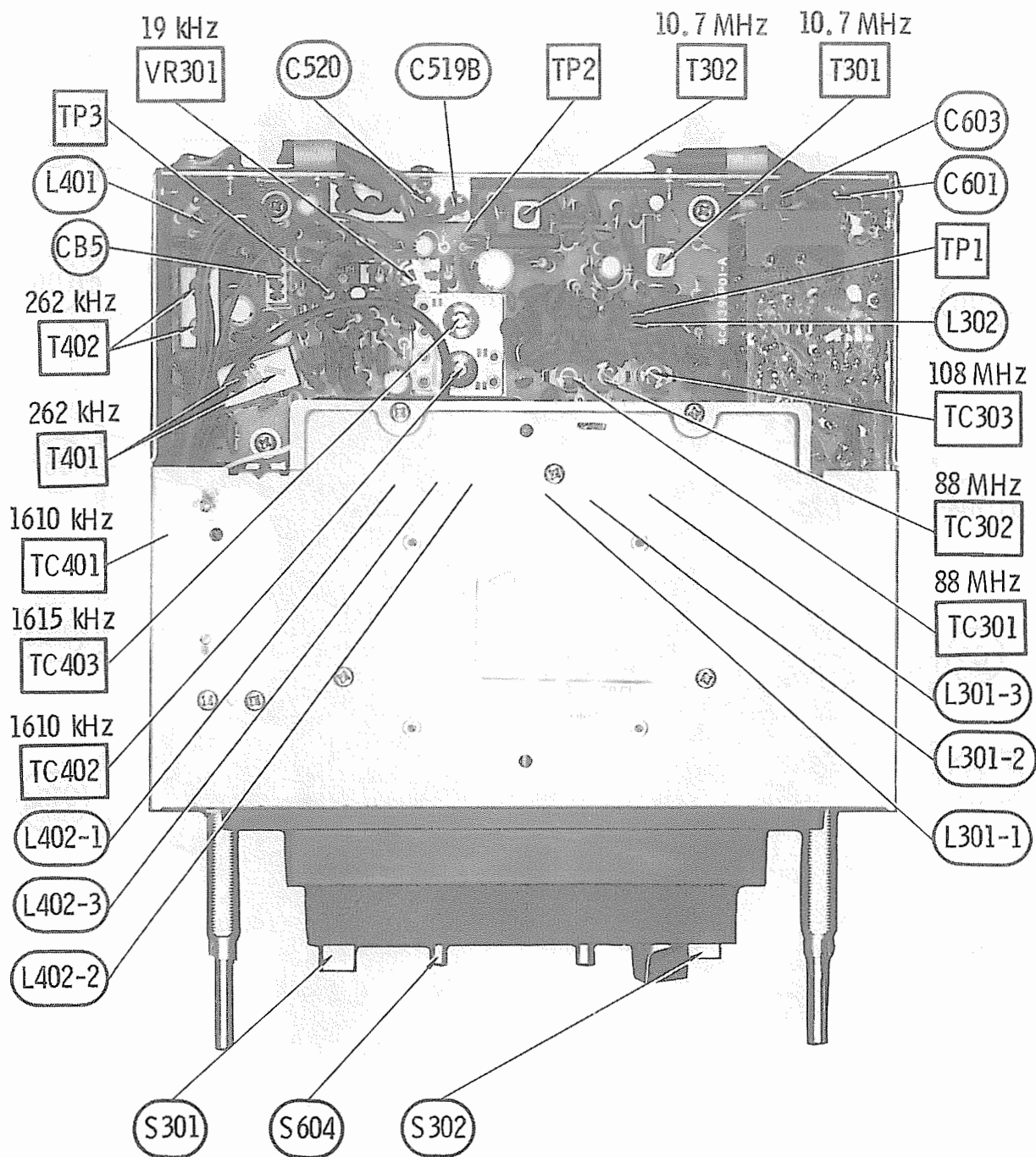
FM RF ALIGNMENT—SELECTOR IN FM POSITION

Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead.
Adjustment of coils by bending should not be attempted unless the coil is deformed or replaced.

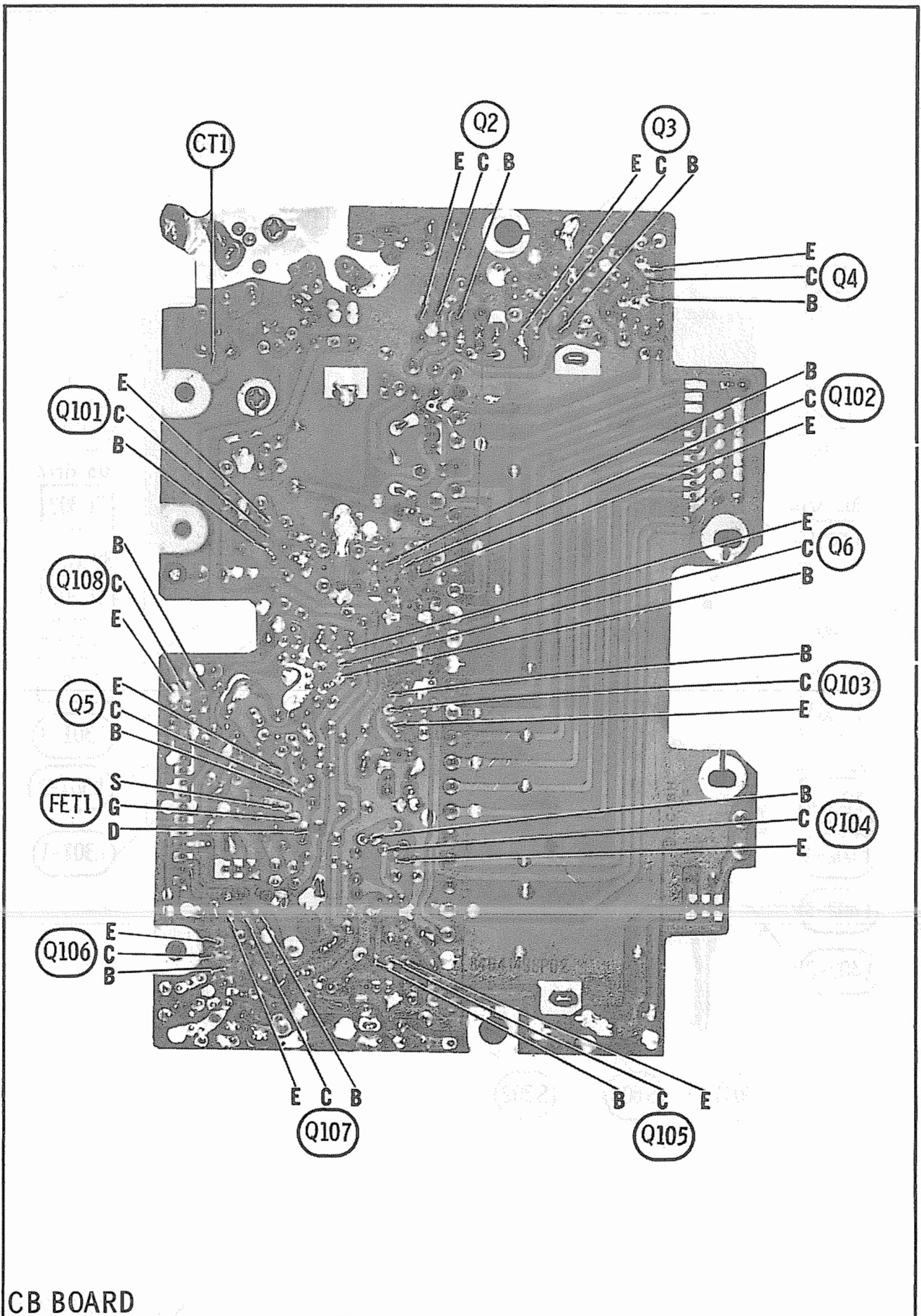
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
88MHz Modulated	88MHz	DC probe of VTVM to TP2	TC302, TC301	Adjust for maximum.
108MHz Modulated	108MHz	"	TC303	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

FM STEREO ALIGNMENT

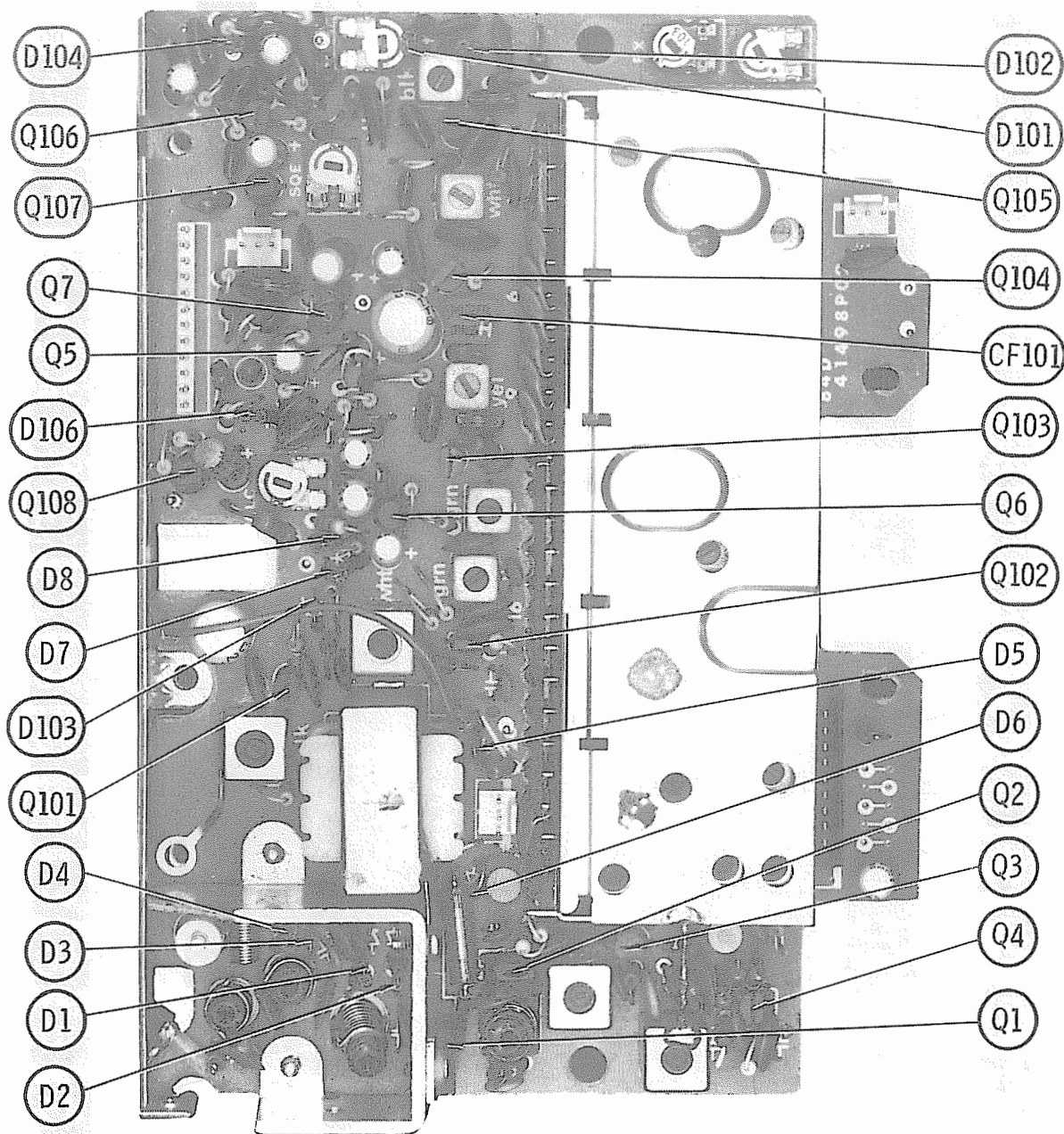
GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
	Input of frequency counter to TP3.	VR301	Adjust VR301 for 19kHz +20Hz.



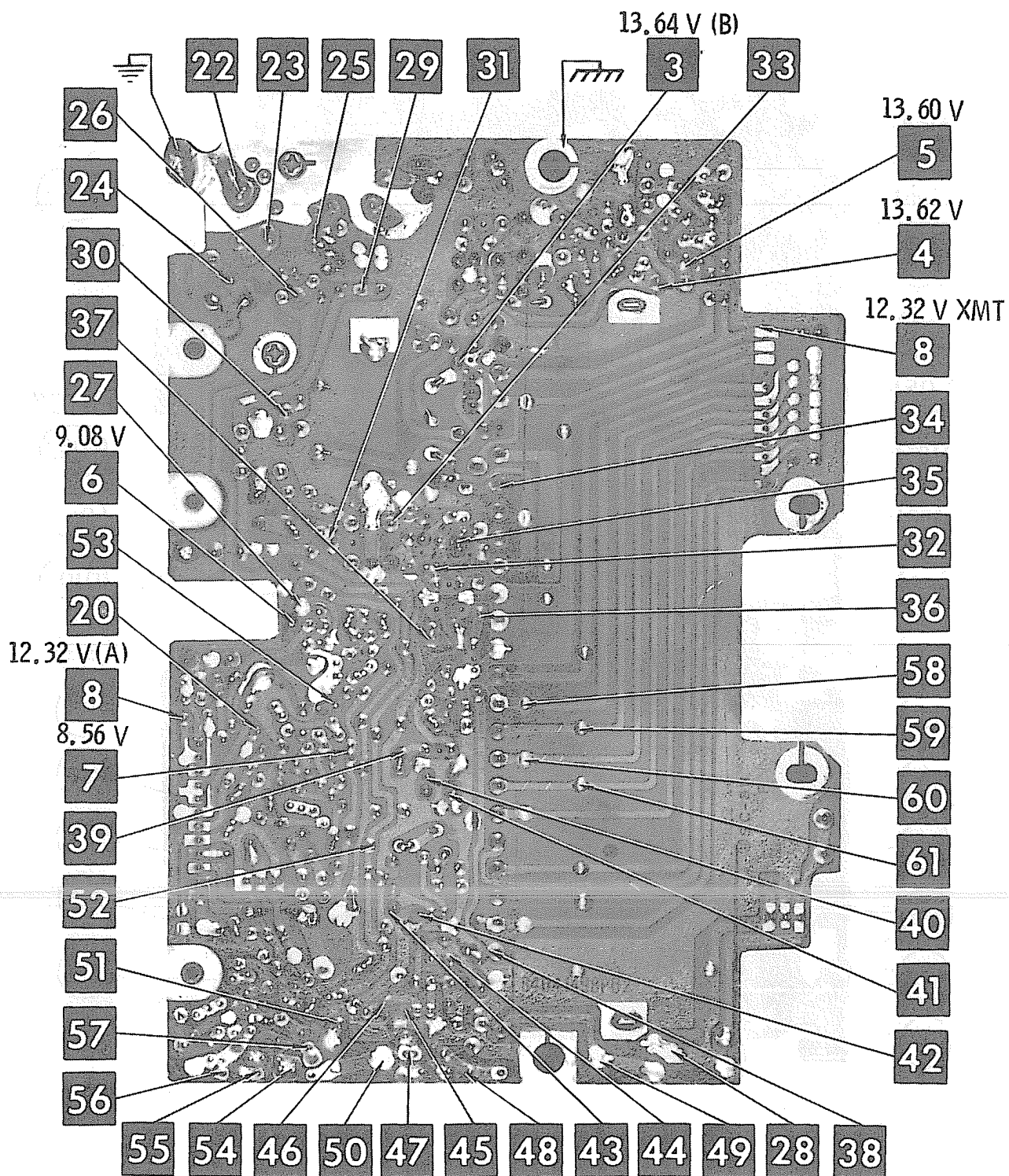
CHASSIS-BOTTOM



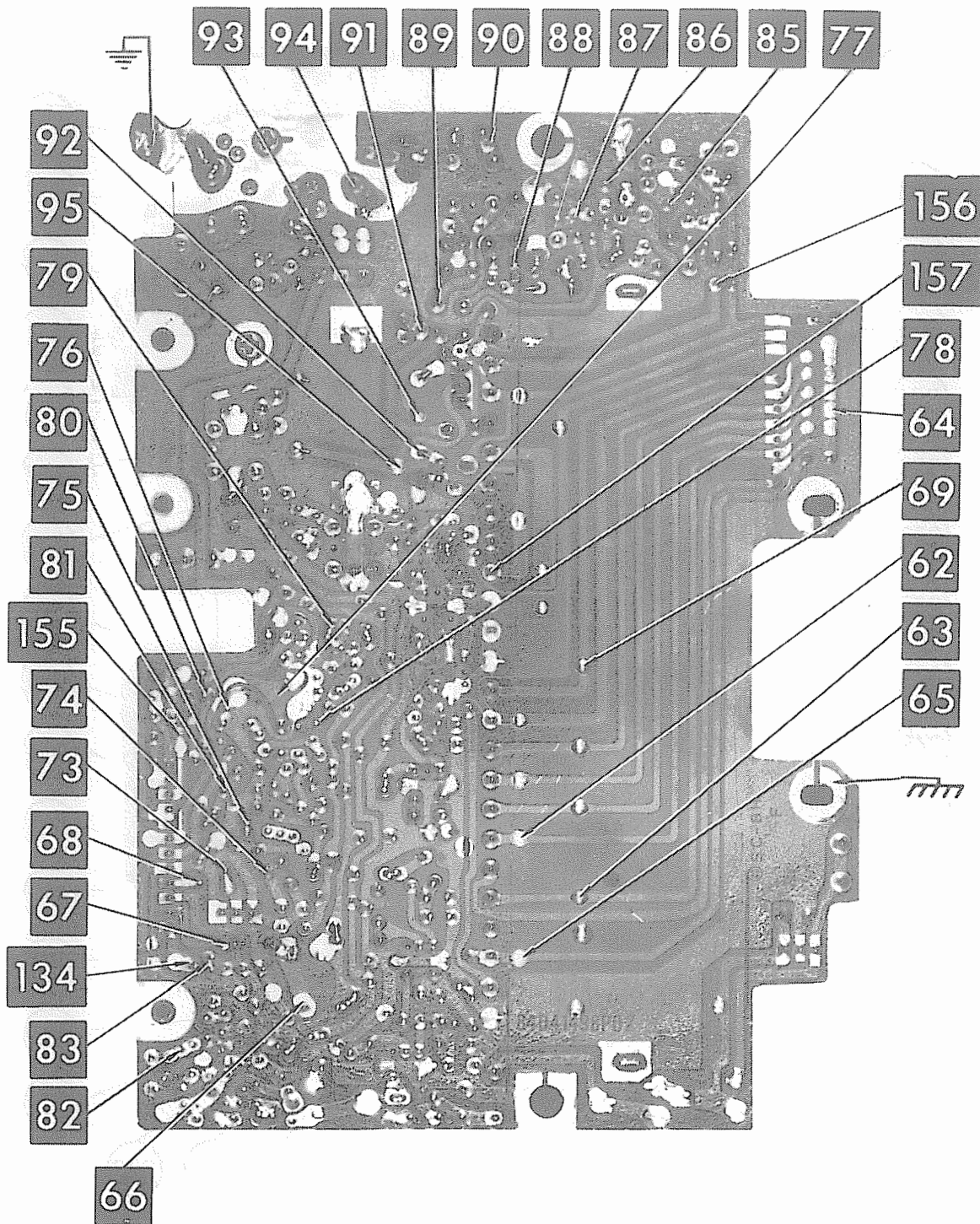
CB BOARD



CB BOARD

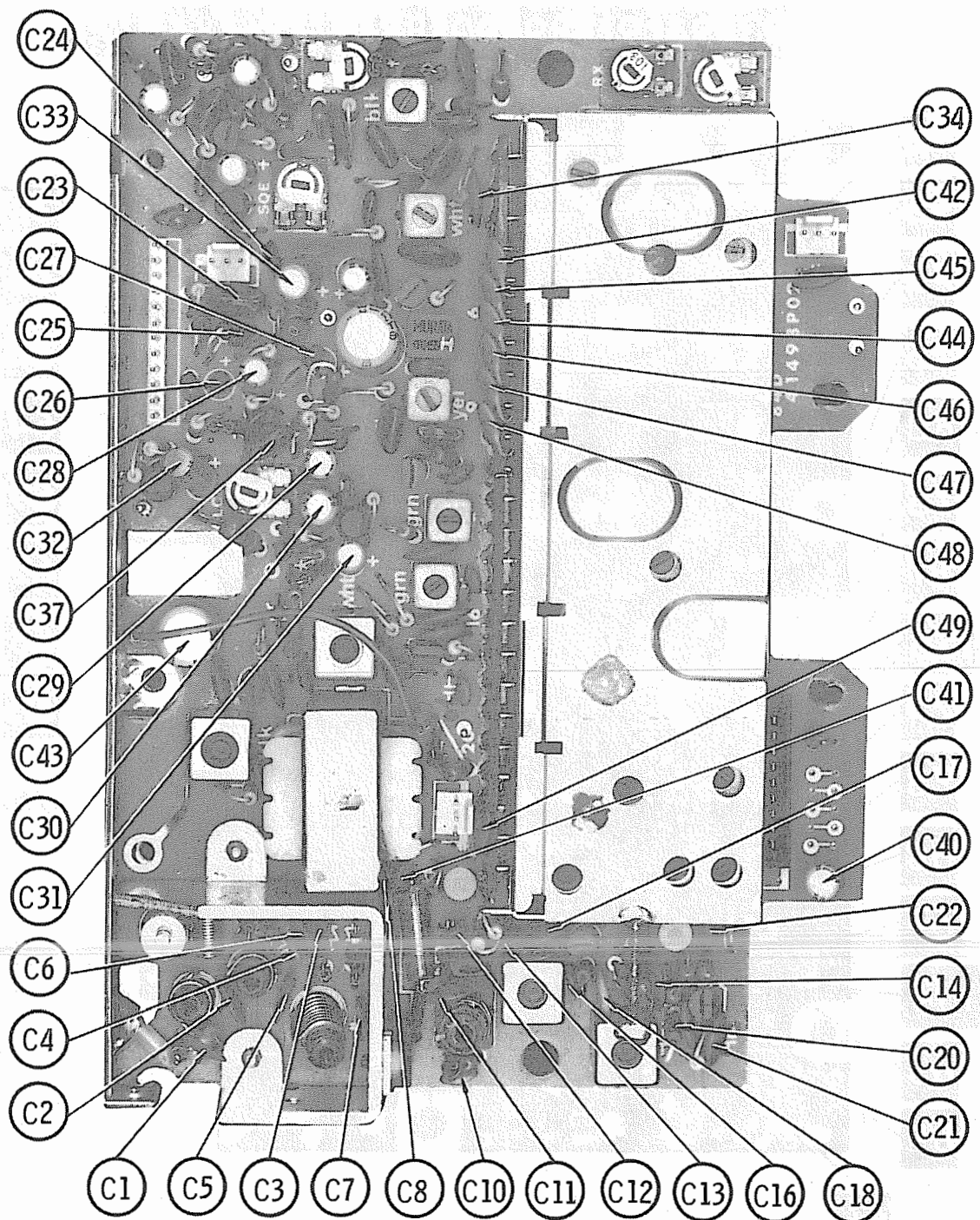


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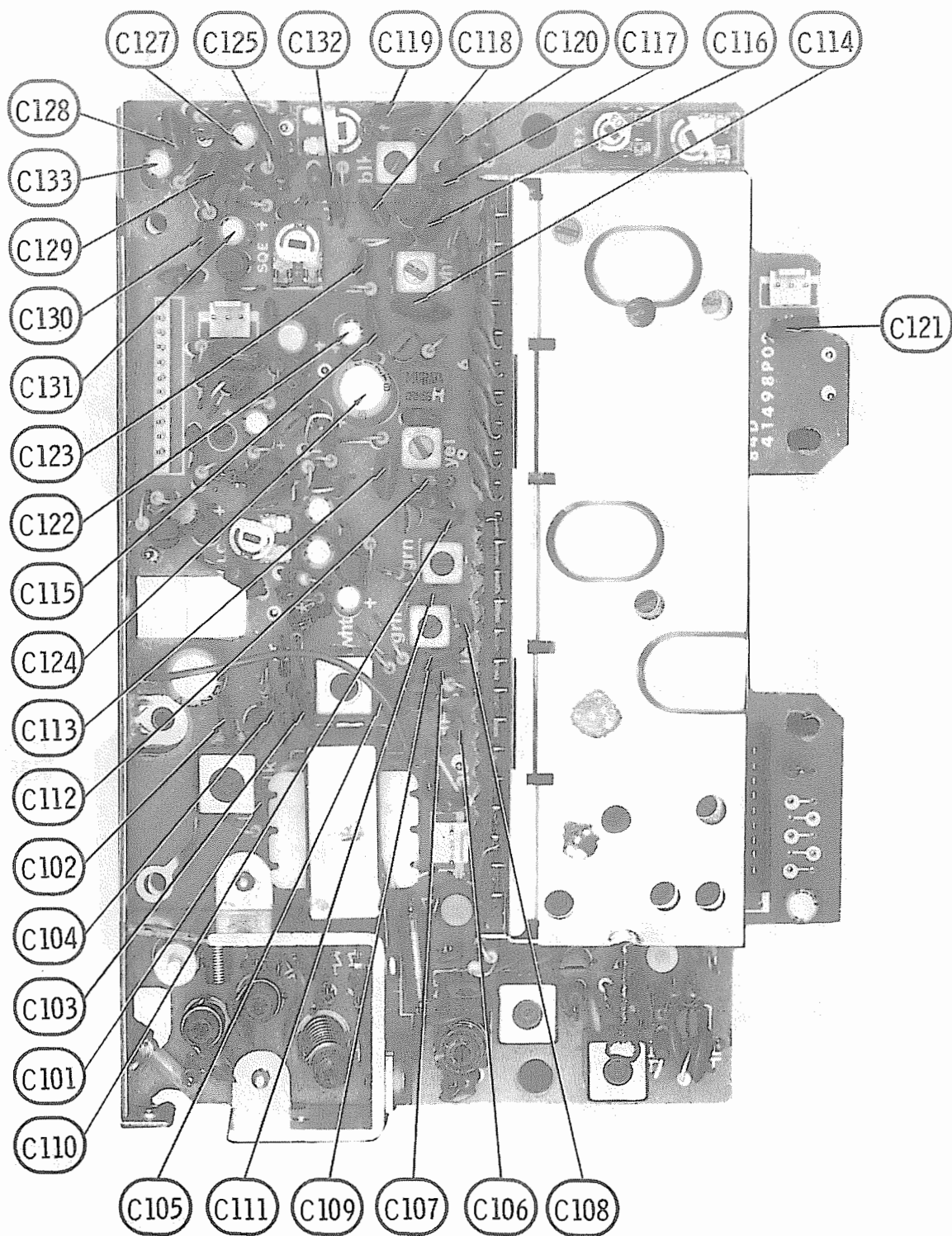


PIONEER MODEL GT-1100G

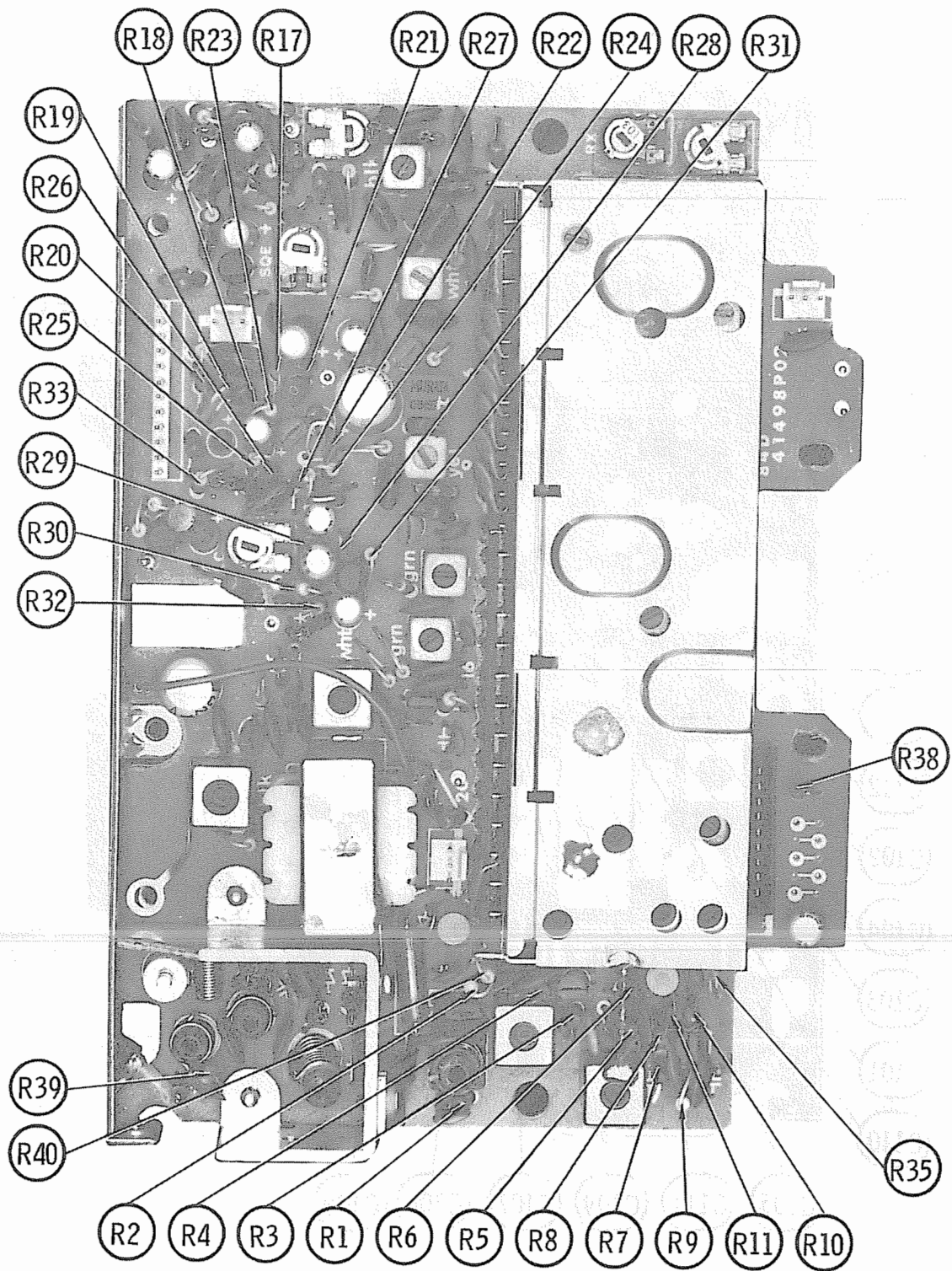
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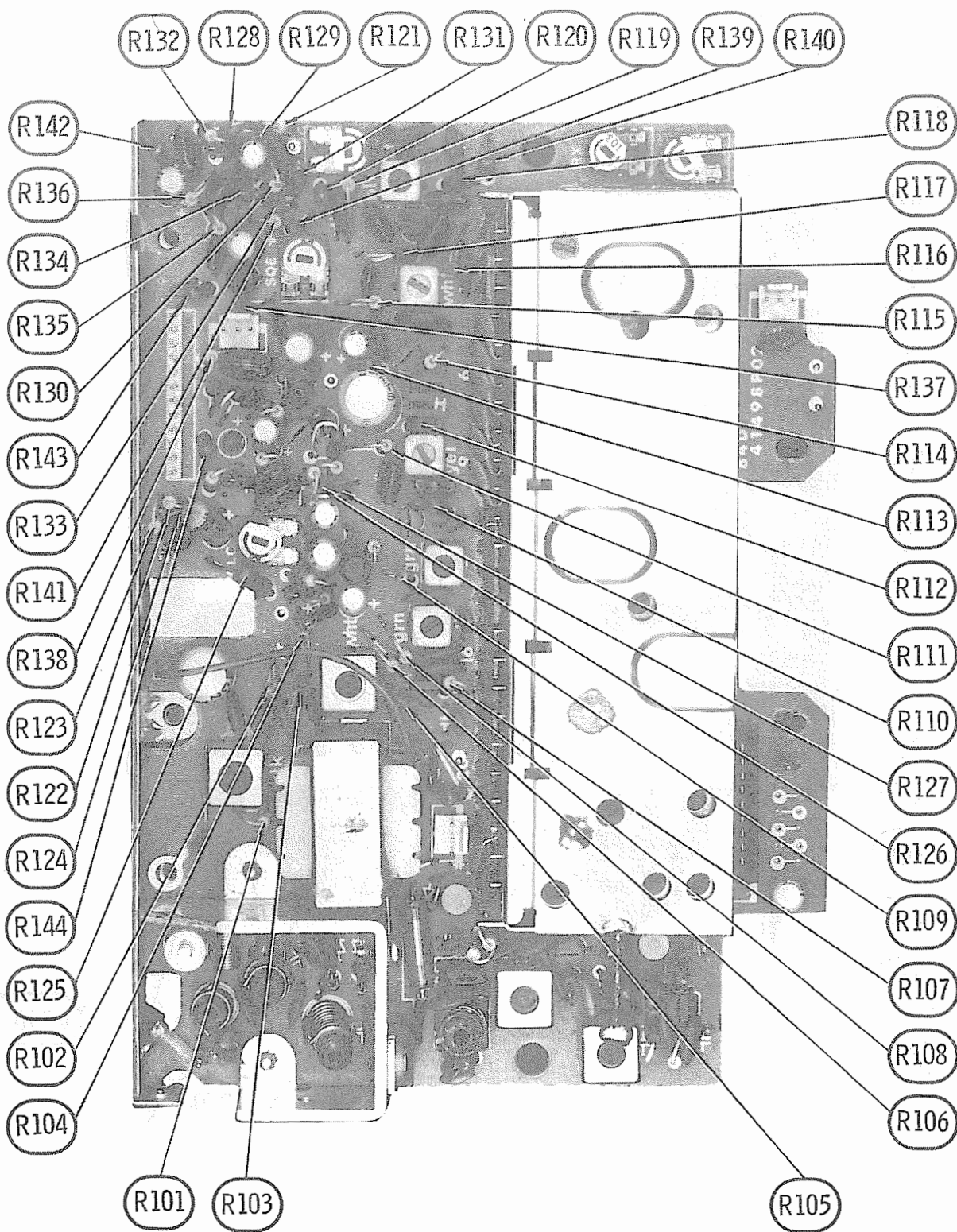
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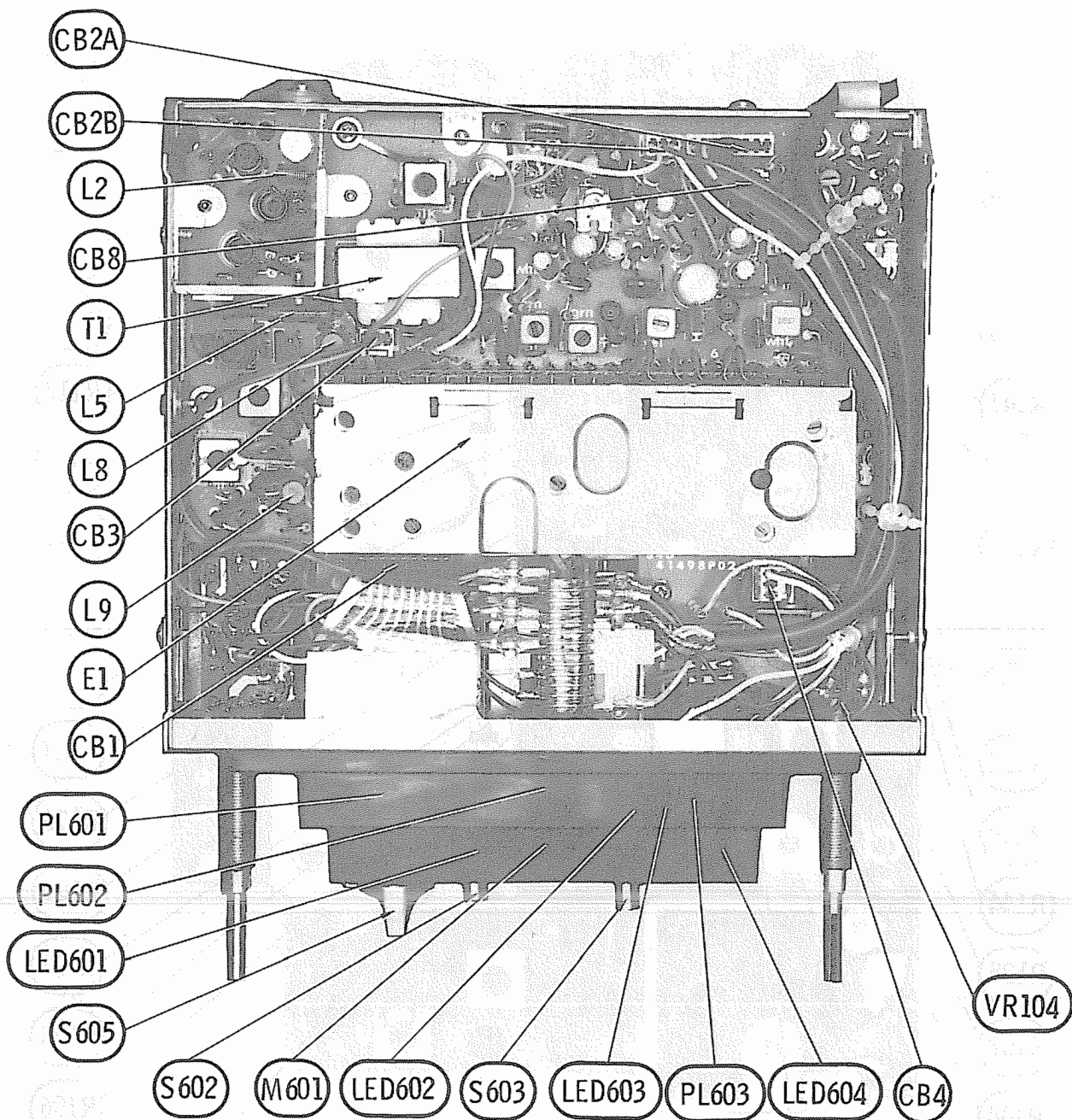
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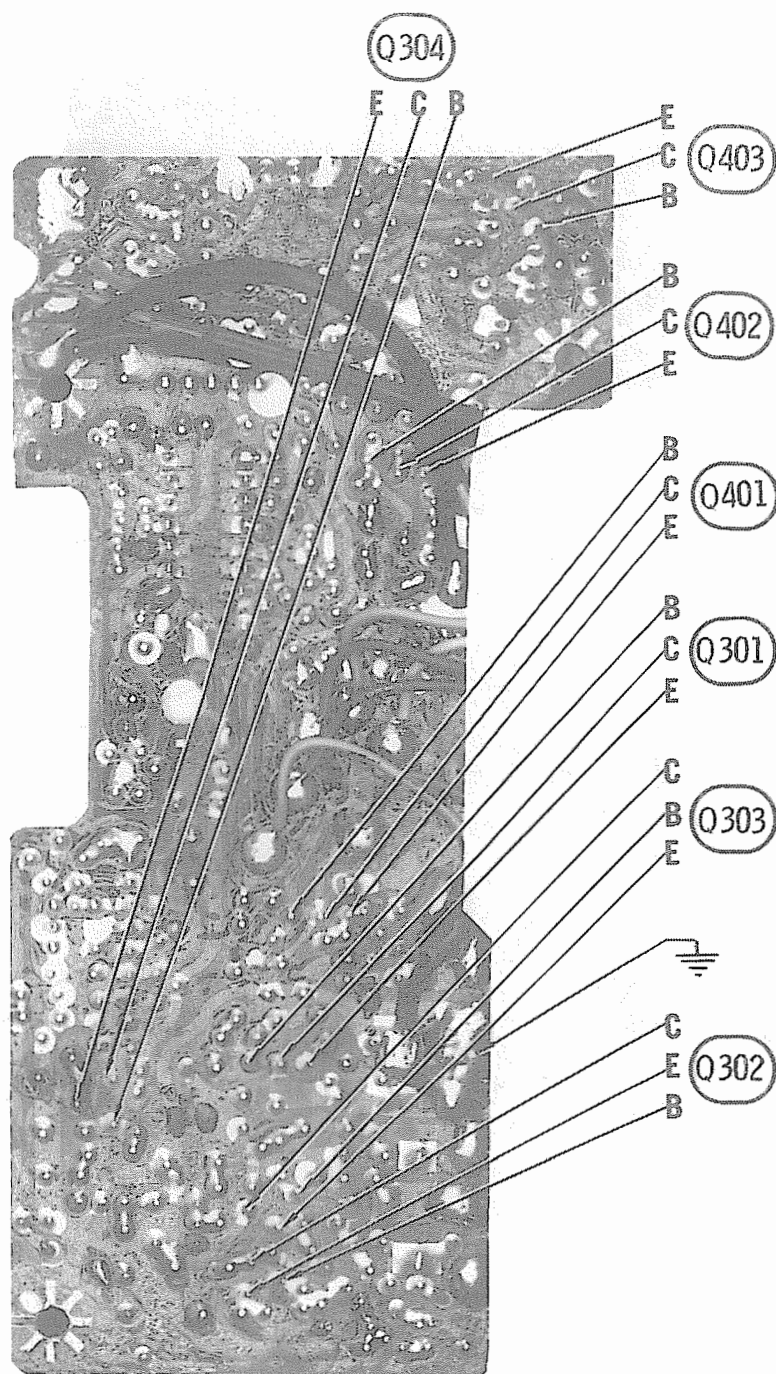
CB BOARD



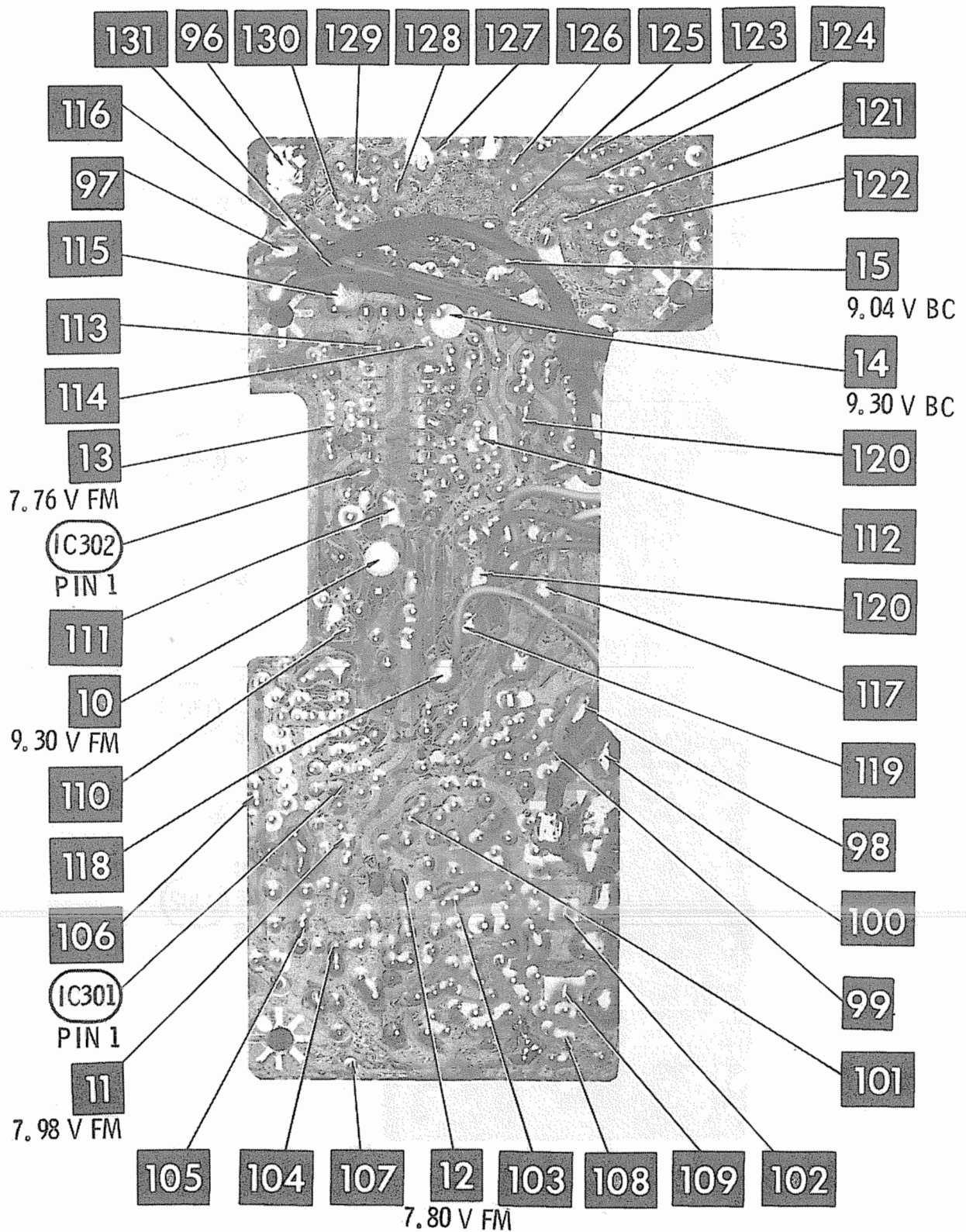
CB BOARD



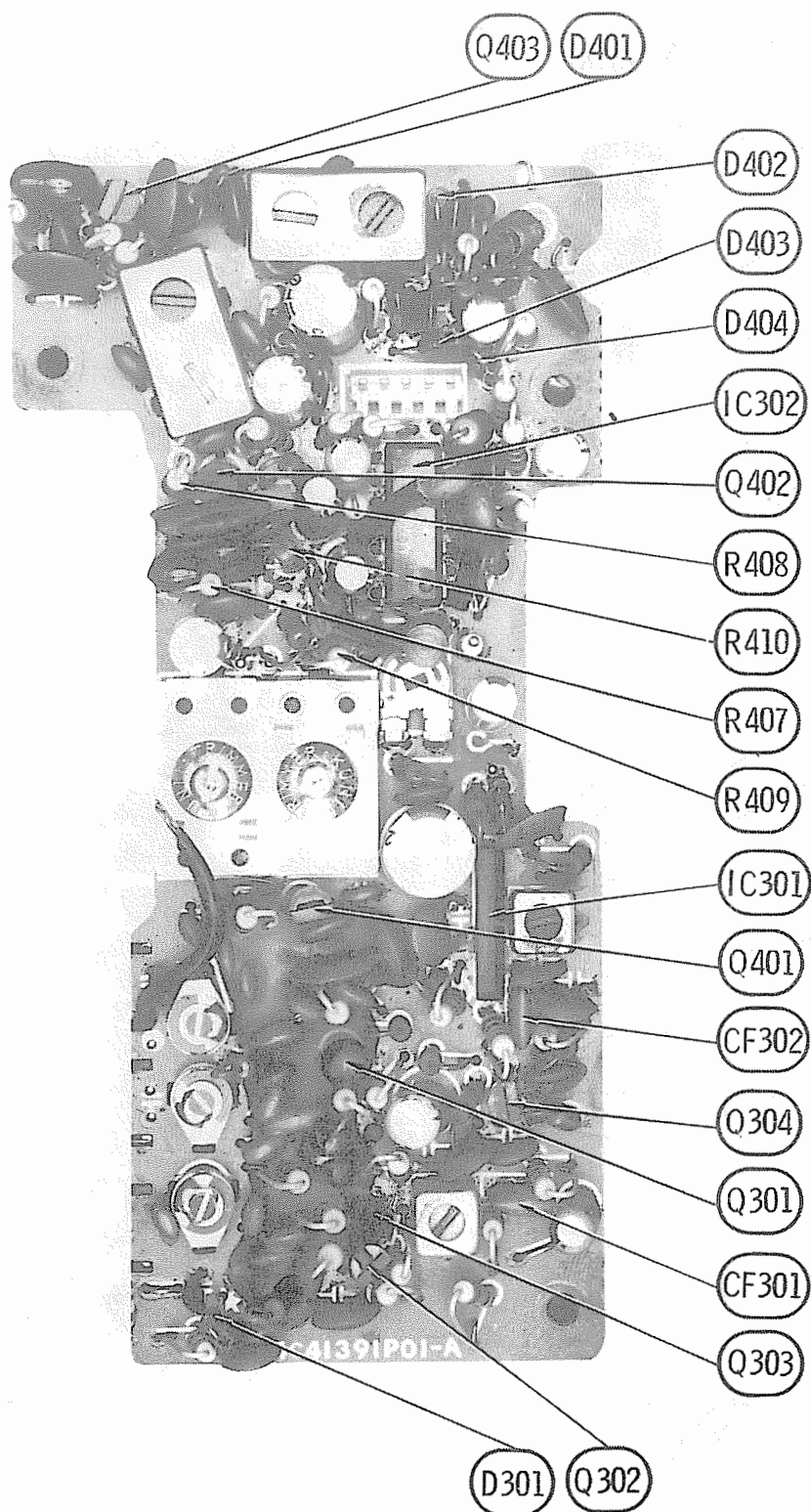
CHASSIS-TOP



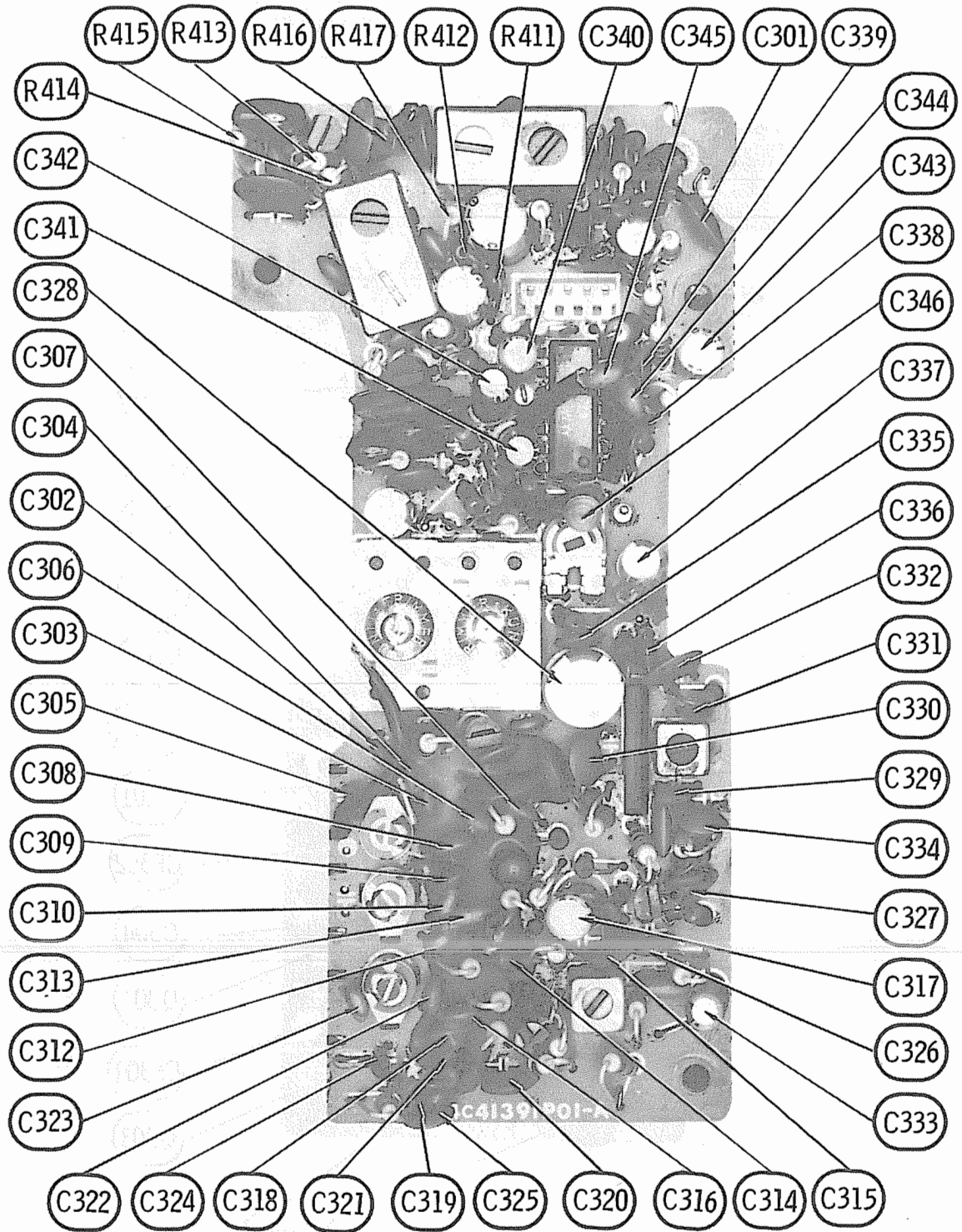
AM-FM BOARD



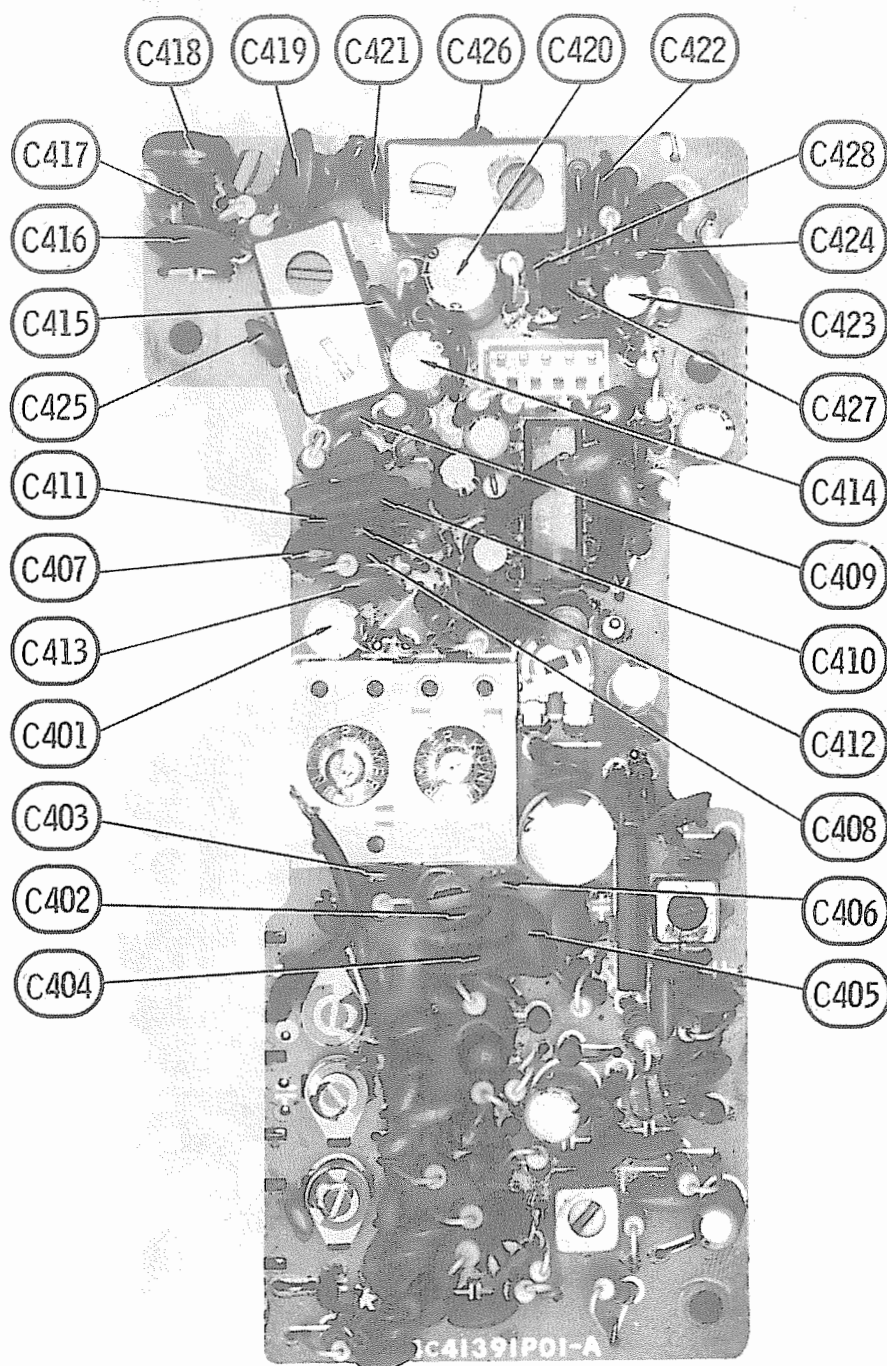
AM-FM BOARD



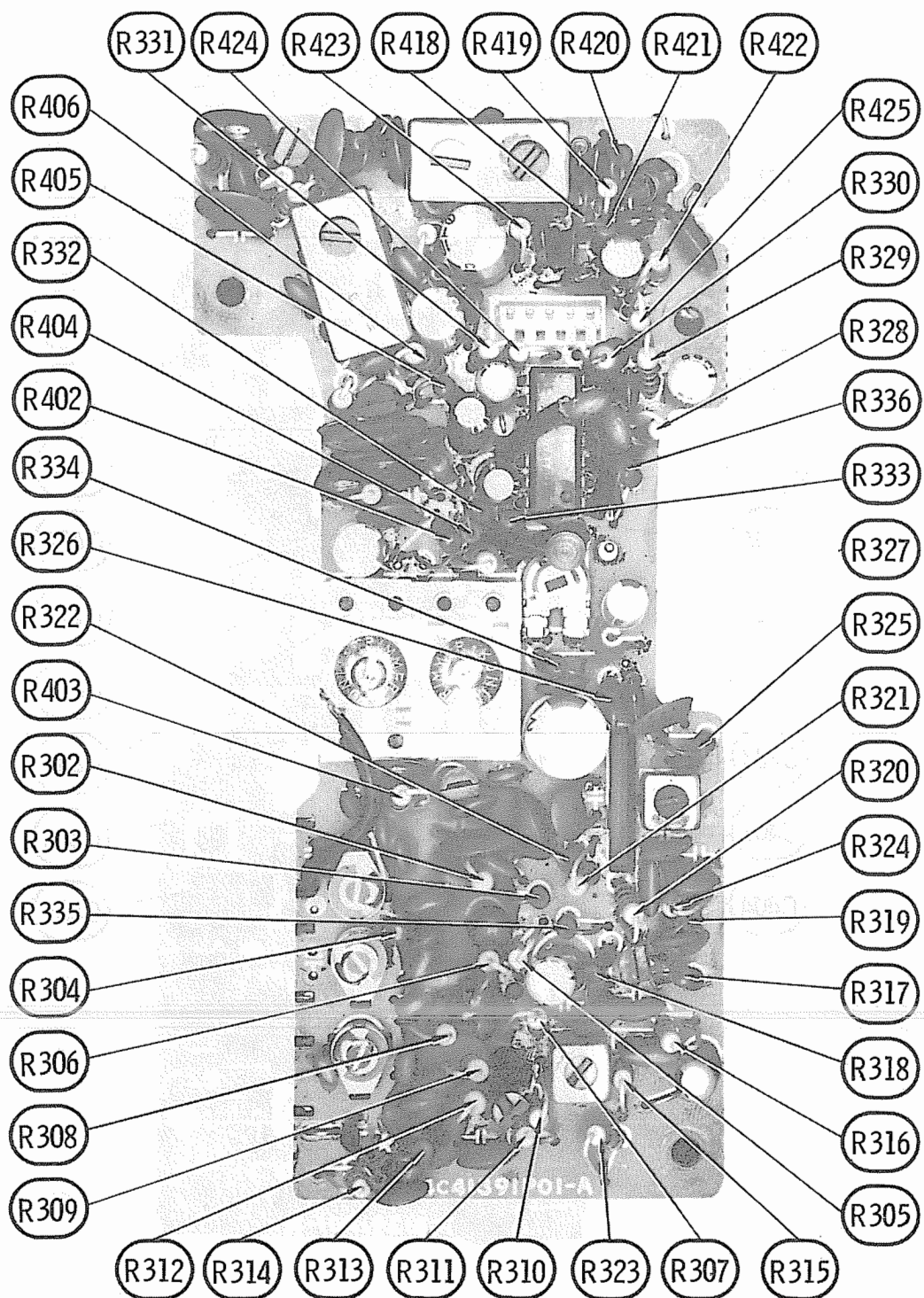
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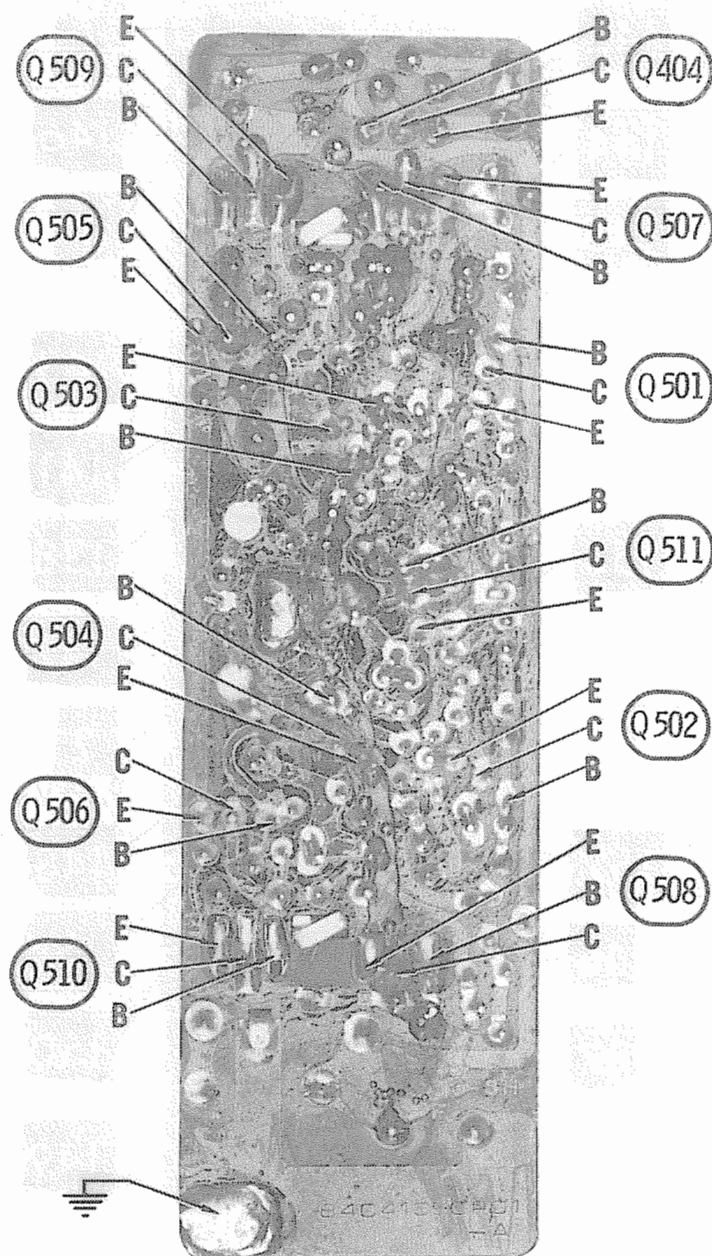
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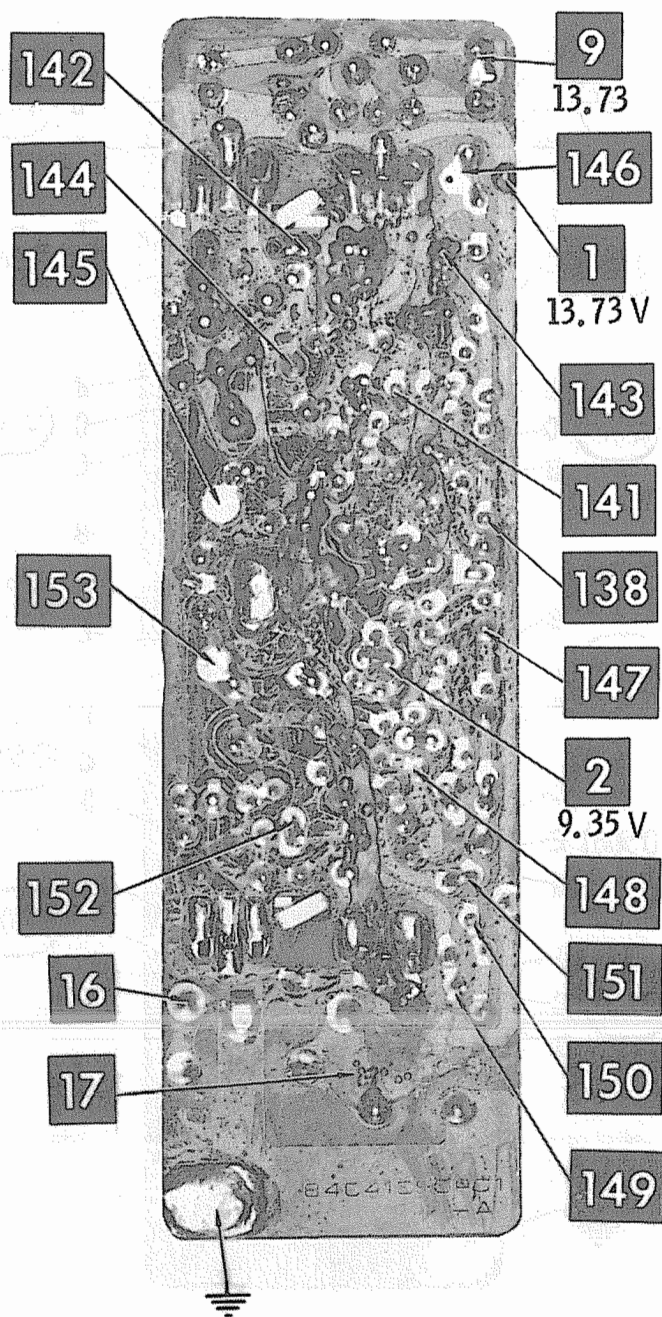
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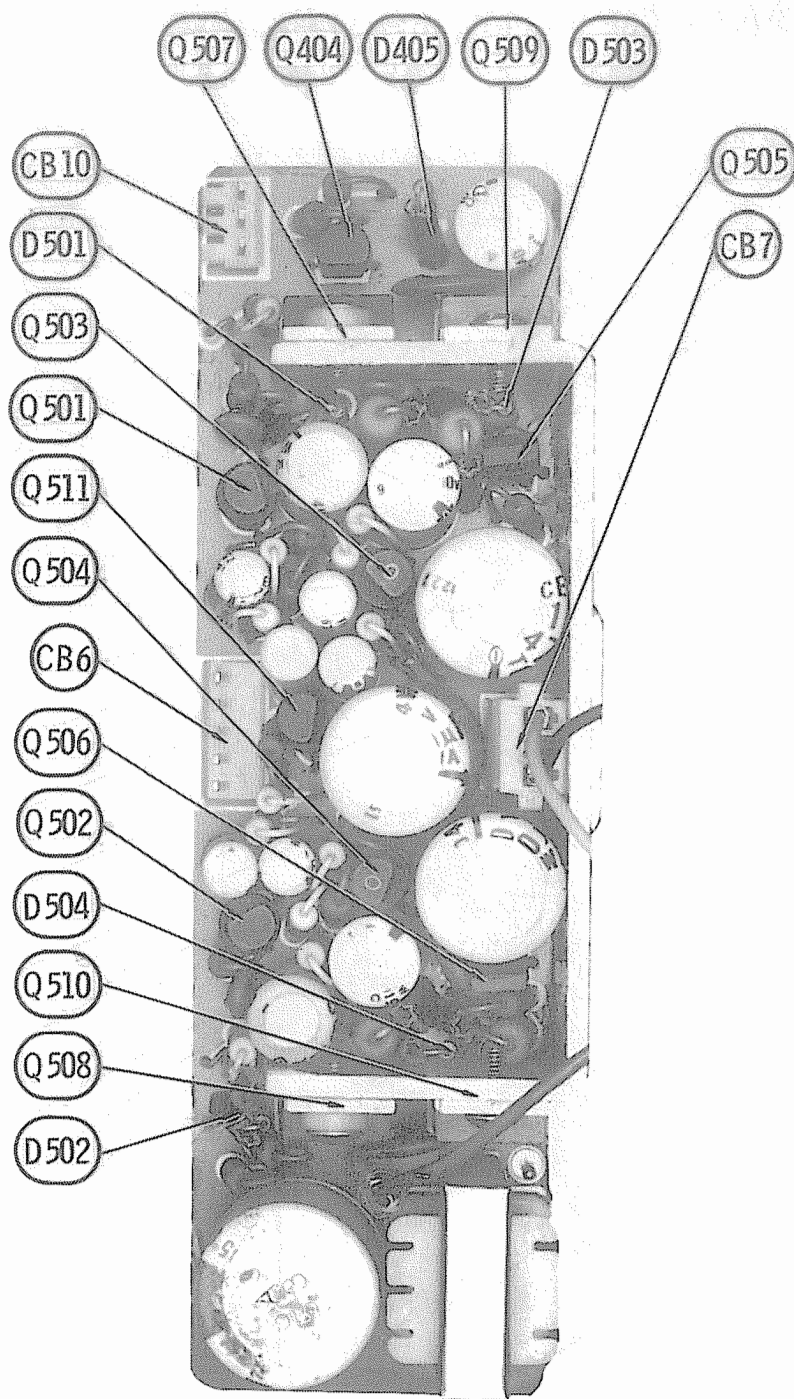
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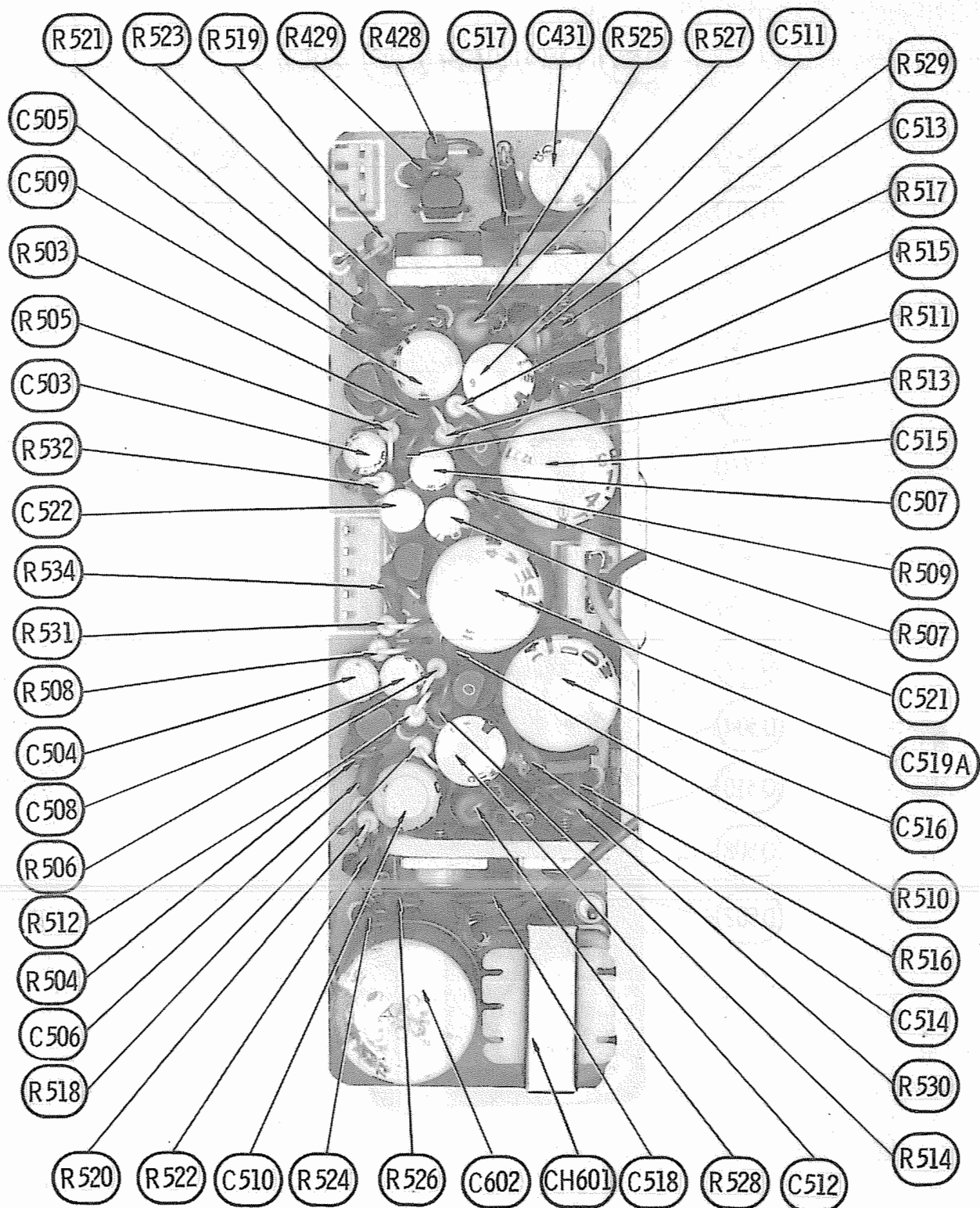
AUDIO BOARD



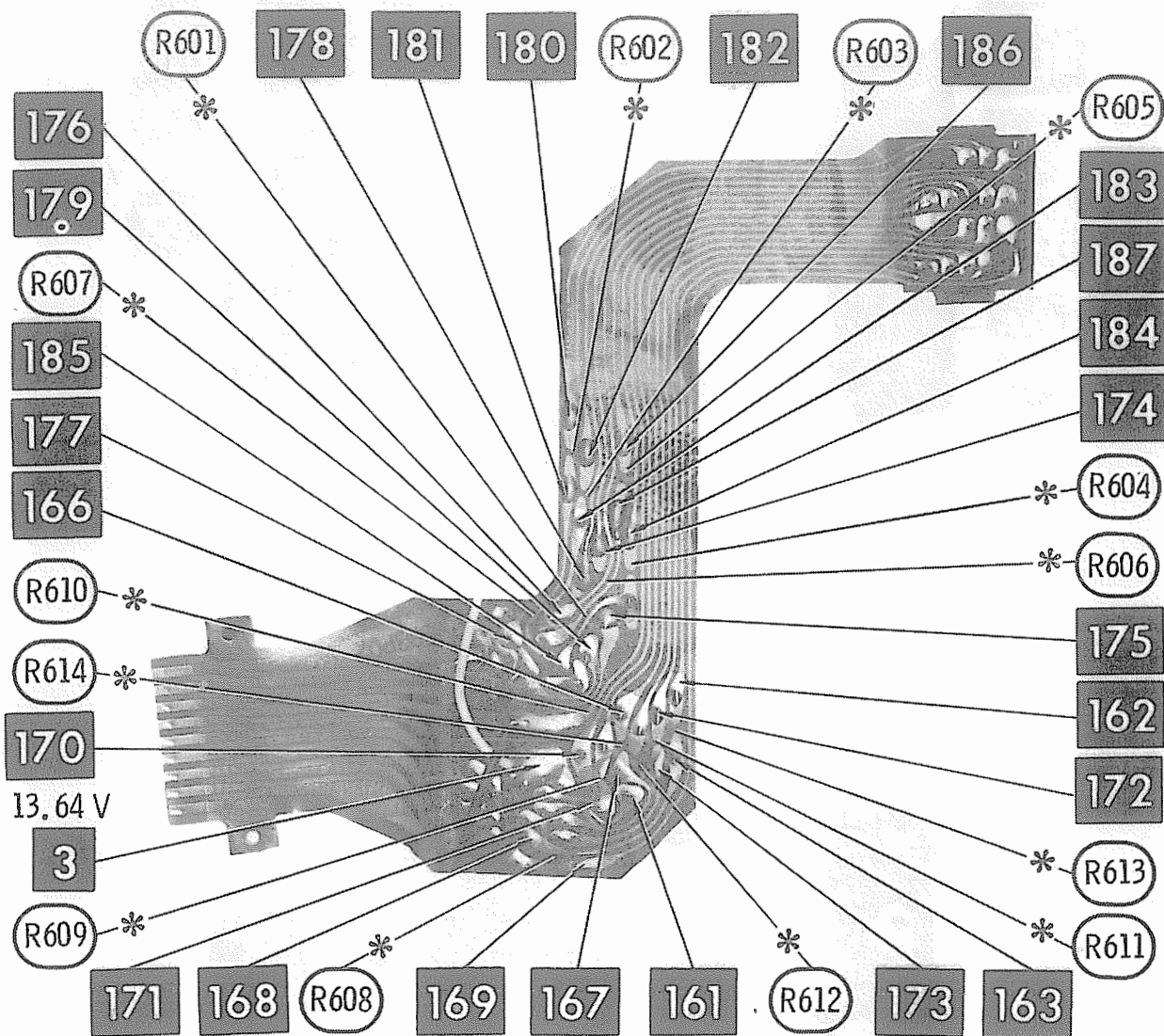
AUDIO BOARD



AUDIO BOARD

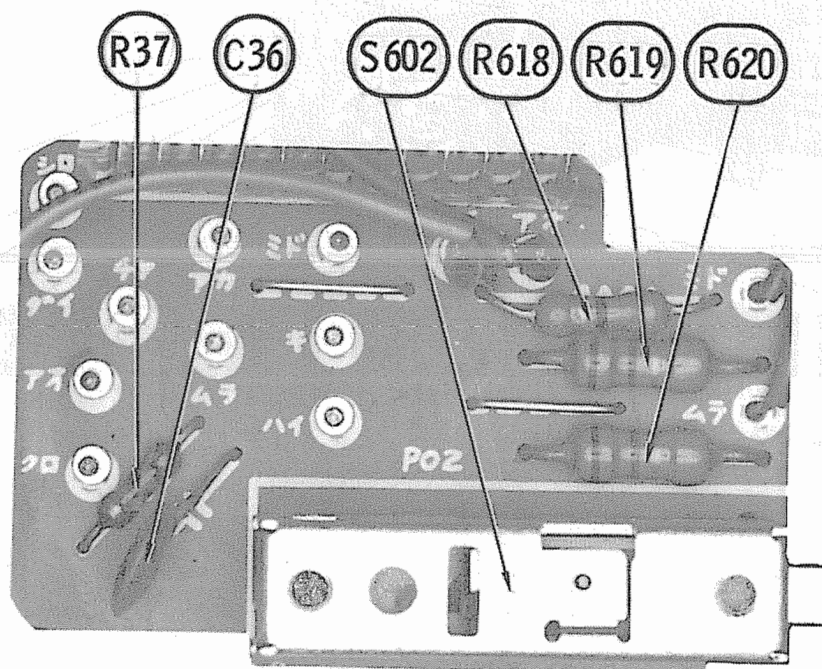
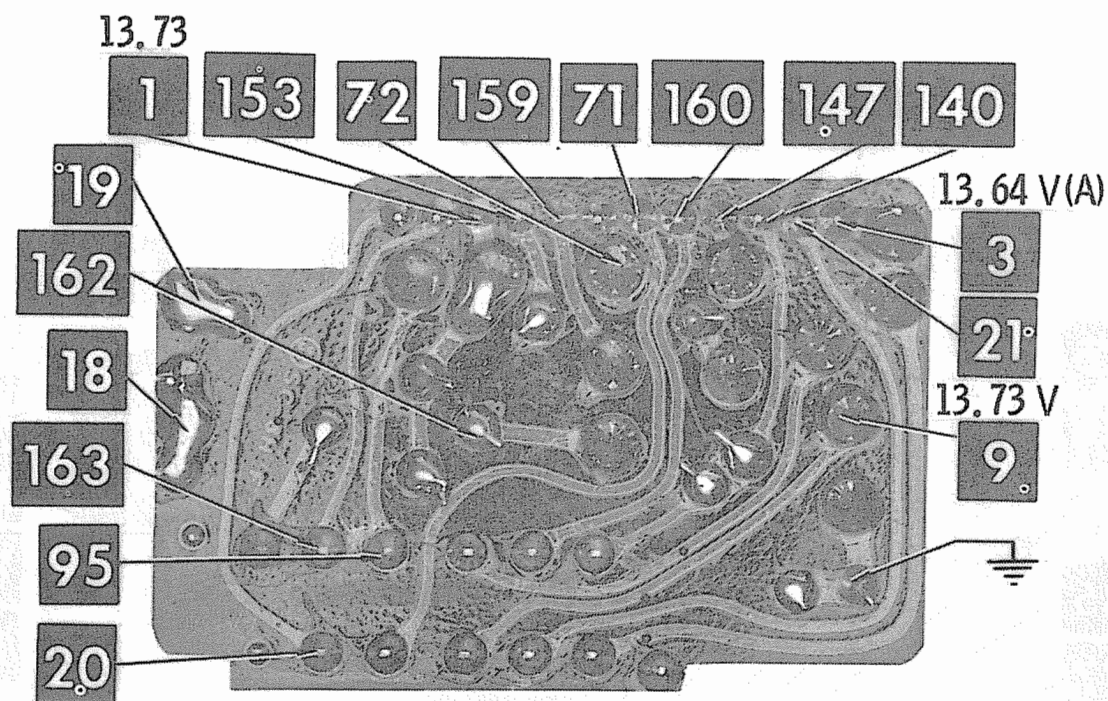


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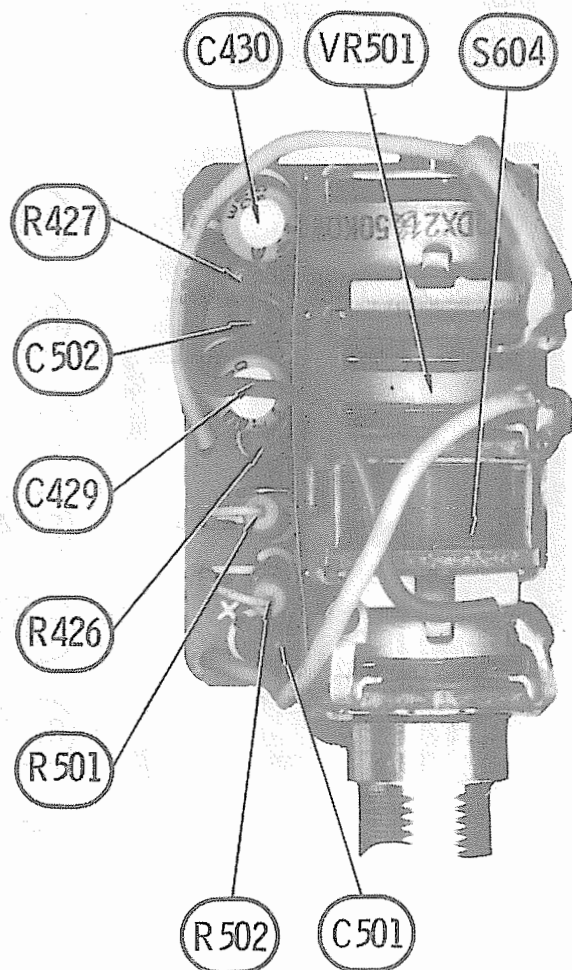
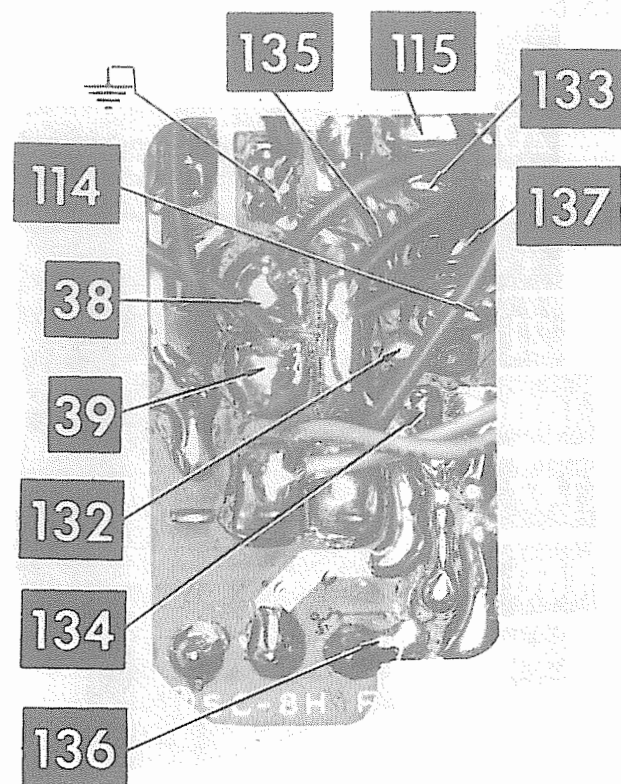


* Located on top of board

CH. SELECTOR & READOUT BOARD



CB-RADIO SWITCH BOARD



CONTROL BOARD

PIONEER MODEL GT-1100G

13.64 V(A)

3

20

13.73 V

1

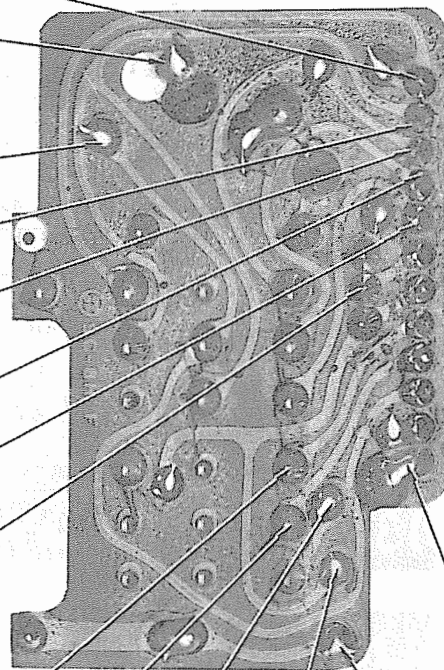
21

140

147

160

71



159

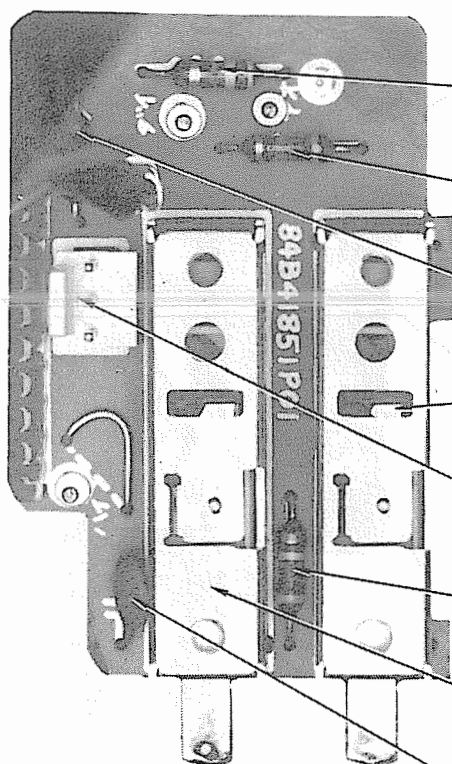
153

163

72



20



R36

R34

R615

S604

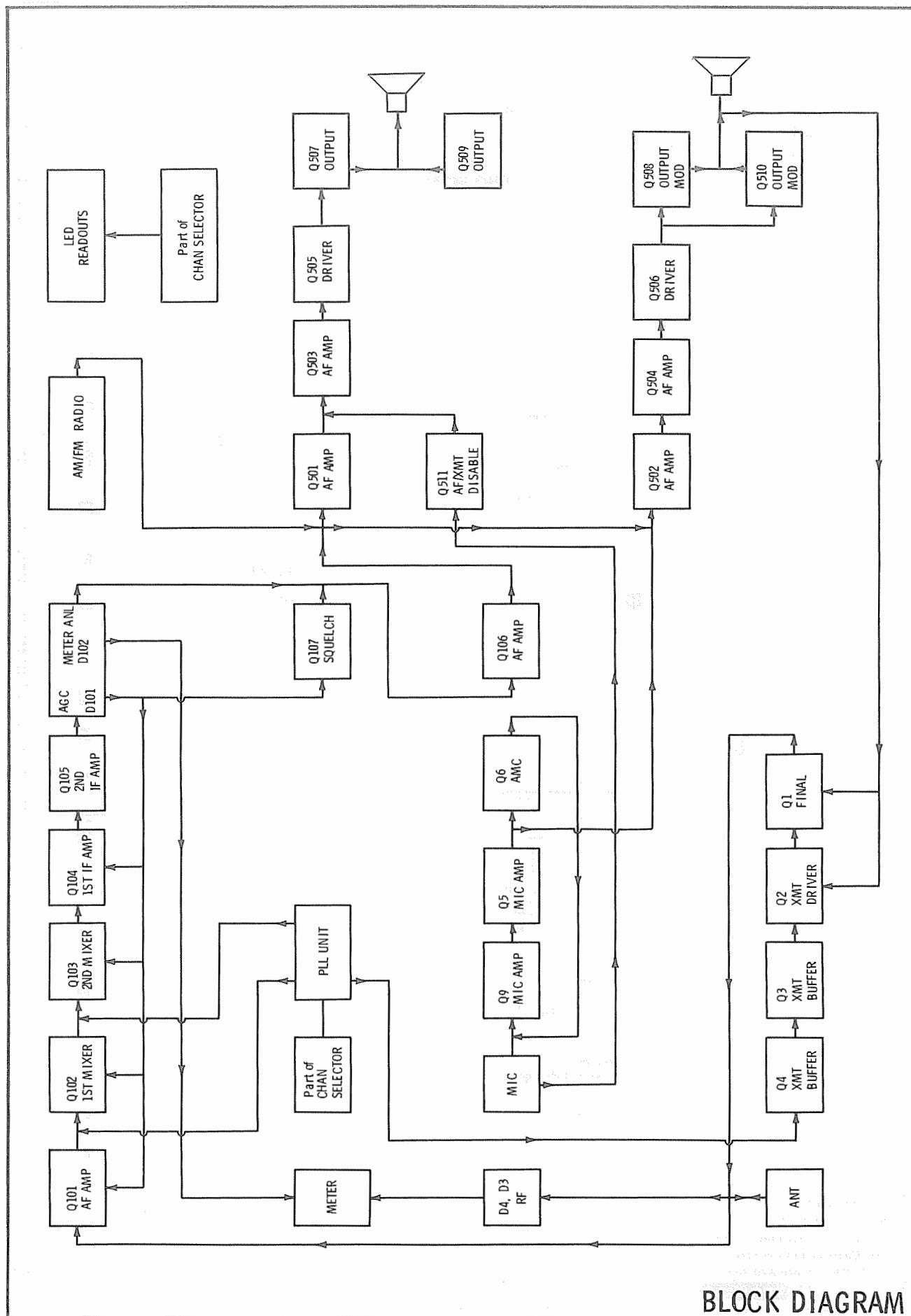
CB11

R617

S603

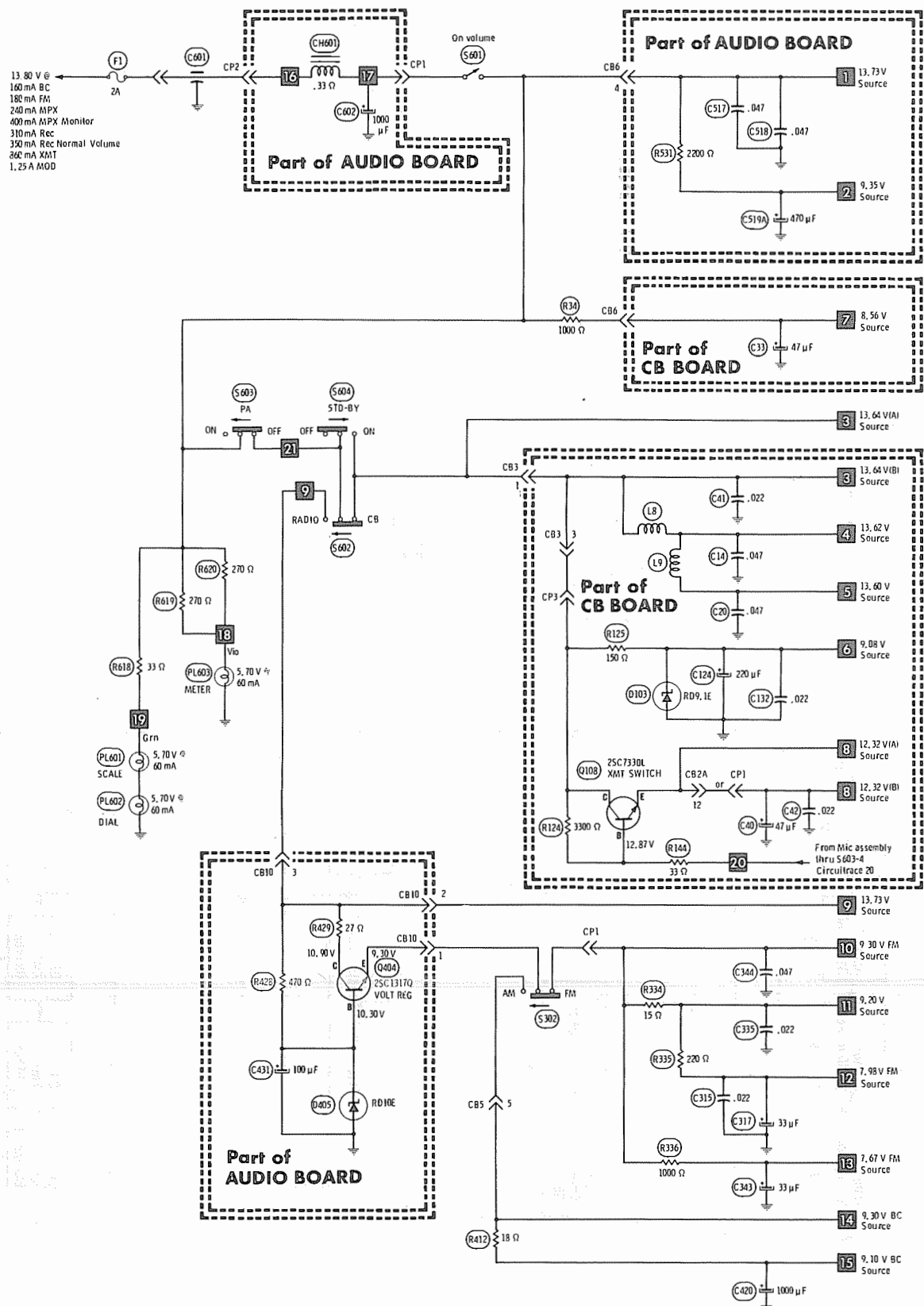
C35

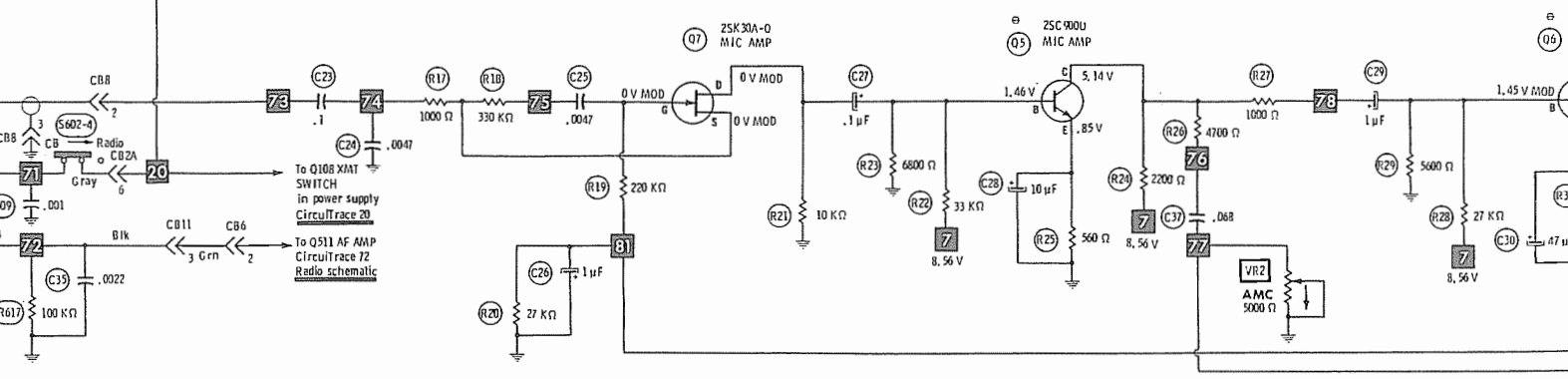
STANDBY-PA SWITCH BOARD



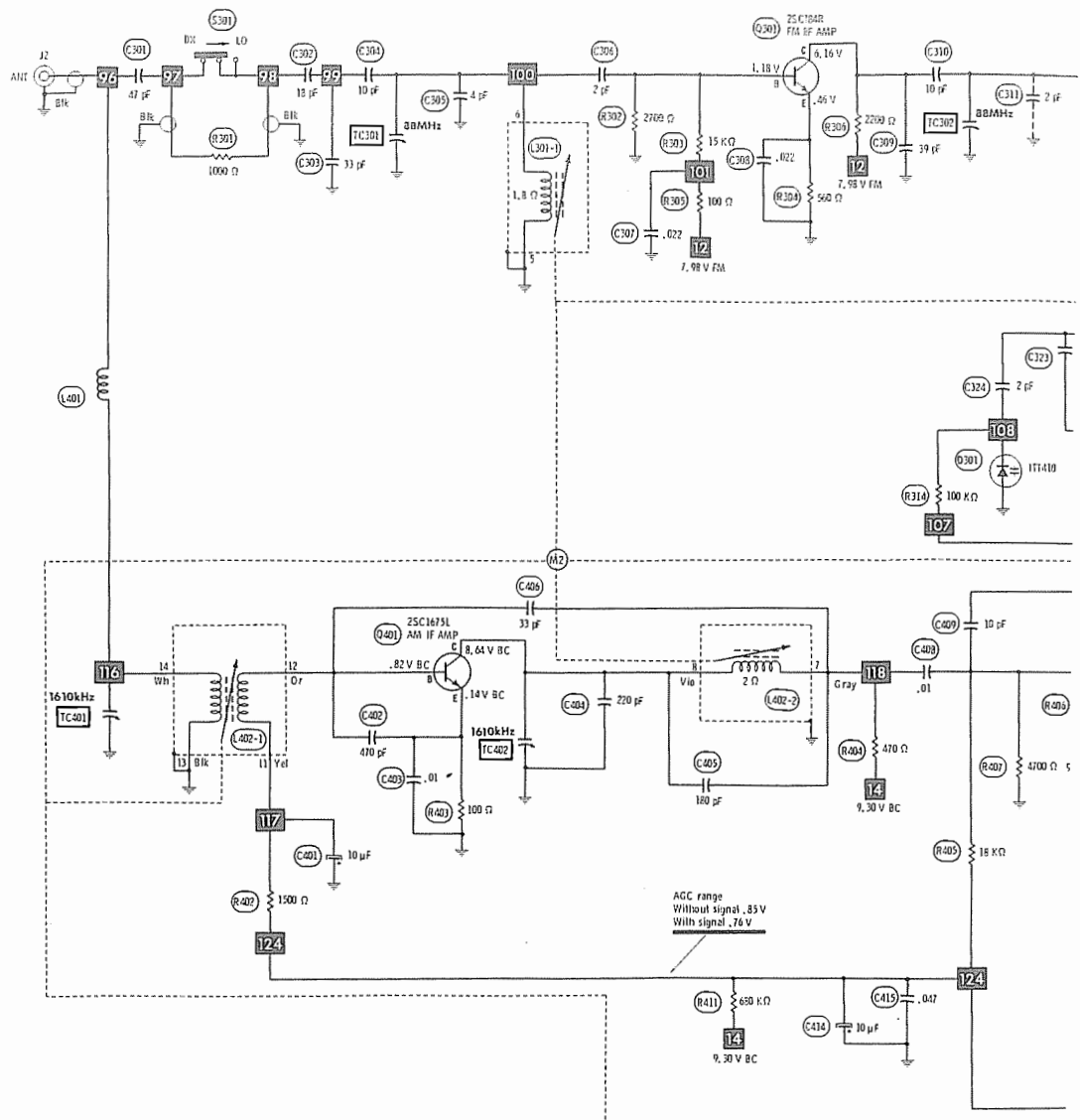
PIONEER MODEL GT-1100G

BLOCK DIAGRAM









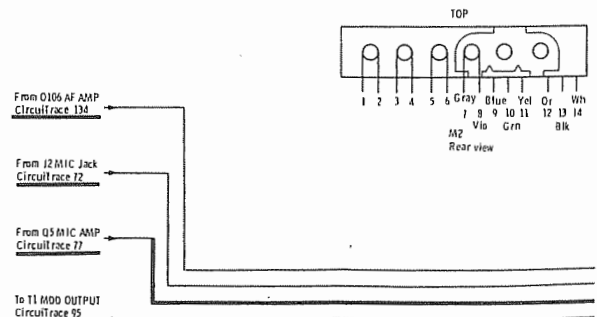
- ✖ Circuitry not used in some versions
- Circuitry used in some versions
- ⊕ See parts list
- ⊛ Nominal value
- ⊥ Ground
- ⏏ Chassis
- ▽ Common tie point

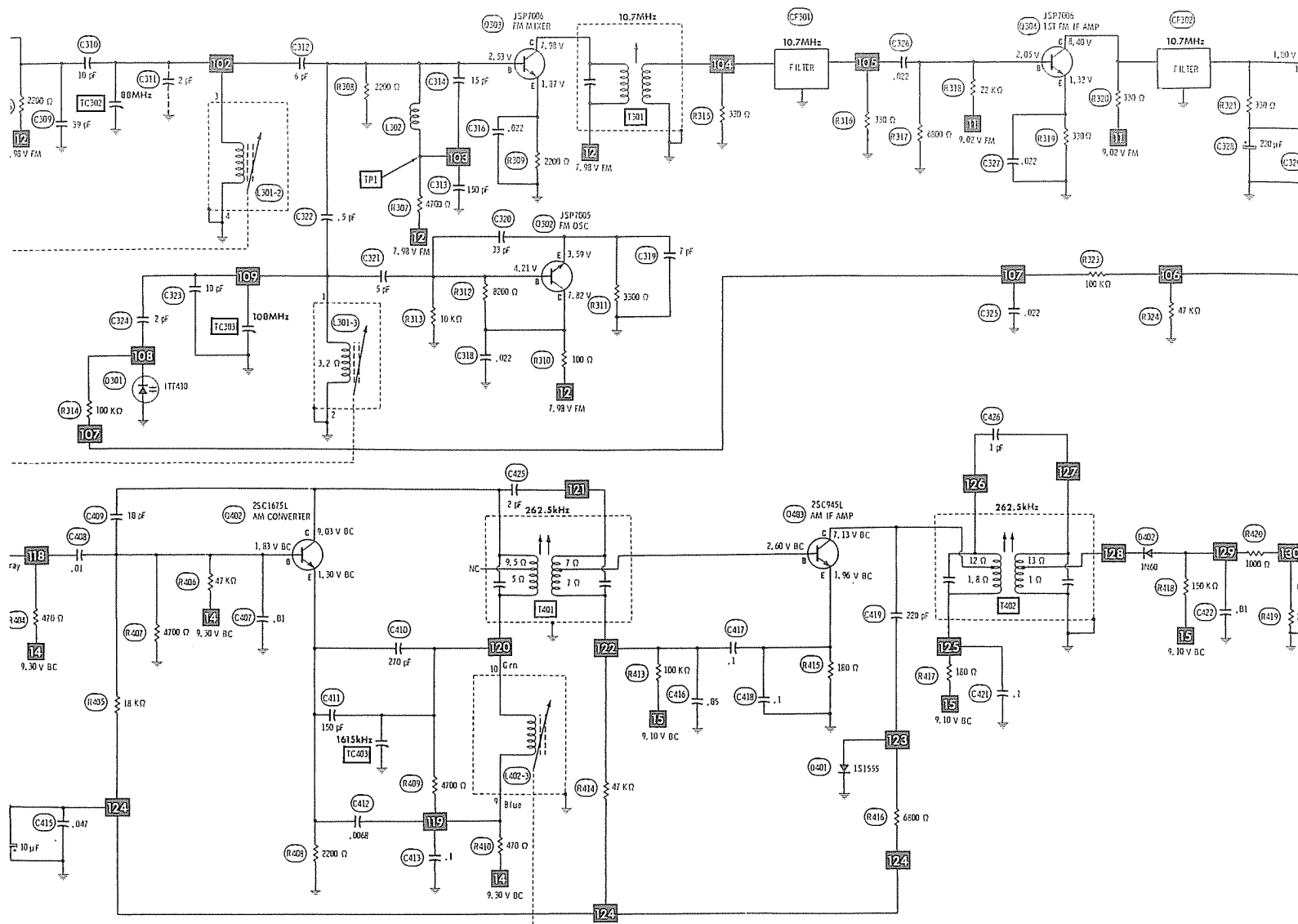
Measurements made in Channel 1 with switching as shown unless noted. Item numbers in rectangles appear in the alignment/adjustment instructions. Supply voltage maintained as shown at input. Voltages measured with digital meter, no signal. Controls adjusted for normal operation. Arrow at control indicates direction of advance. Terminal identification may not be found on unit. Resistors are 1/2W or less, 5% unless noted. Value in () used in some versions.

A PHOTOFAC STANDARD NOTATION SCHEMATIC

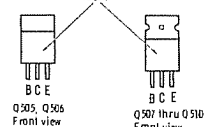
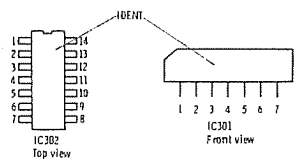
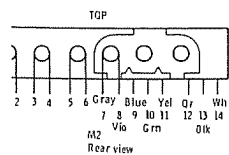
WITH **CIRCUITRACE**

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Terminal Guides



PARTS LIST AND DESCRIPTION

(When ordering parts, state Model, Port Number, and Description.)

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFG. PART No.	REPLACEMENT DATA									
			GENERAL ELECTRIC PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
D1	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062	
D2	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062	
D3	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D4	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D5	10D2		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156	212-76-02
D6	10D2		GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156	212-76-02
D7	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062	
D8	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062	
D101	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D102	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D103	RD9, 1E		GEZD-9.1	ZM9, 1B		REN 139	SK3060	RT-240	ECG5018	1N4739A	WEP1419	103-279-18
D104	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062	
D105	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D106	M8513A			PTC301		REN 601	SK3463		ECG601			
D107	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D301	1TT410				HEPR2502	REN 612			ECG612			ZEN-452
D401	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062	
D402	1N60		1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D403	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062	
D404	1S1555		GE-300	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG177		WEP1062	
D405	RD10E		GEZD-10	ZM108		REN 140	SK3061	RT-241	ECG5019	1N4740A	WEP1420	
D501	M8513R			PTC301		REN 601	SK3463		ECG601			
D502	M8513R			PTC301		REN 601	SK3463		ECG601			
D503	M8513R			PTC301		REN 601	SK3463		ECG601			
D504	M8513R			PTC301		REN 601	SK3463		ECG601			
IC301	TA7130P		GE1C-181				SK3487		ECG1234			
IC302	HA1156		GE1C-35	PTC735	HEPC6096P	REN 801	SK3160	TVCN-73	ECG801	MC1310P	WEP2075	
	MC1310P		GE1C-35	PTC735	HEPC6096P	REN 801	SK3160	TVCN-73	ECG801	MC1310P	WEP2075	
Q1	2SC1678		GE-322	PTC186		REN 235	SK3197	RT-146	ECG235	2SC1306	WEP785	
	2SC2092		GE-337	PTC186		REN 235	SK3197	RT-146	ECG235	2SC1306	WEP785	
Q2	2SC495T		GE-270	PTC180		REN 295	SK3253	RT-162	ECG295		WEP913	ZEN-209
	2SC2091		GE-270	PTC180		REN 295	SK3253	RT-162	ECG295		WEP913	
Q3	2SC380-0		GE-61*	PTC136*	HEPS0016*	REN 107	SK3018*	RT-107A	ECG107	2SC380	WEP380	ZEN-127
	2SC1675		GE-213	PTC132*	HEPS0025*	REN 123A*	SK3246	RT-308	ECG229*		WEP956*	ZEN-127
Q4	2SC380-0		GE-61*	PTC136*	HEPS0016*	REN 107	SK3018*	RT-107A	ECG107	2SC380	WEP380	ZEN-127
	2SC1675		GE-213	PTC132*	HEPS0025*	REN 123A*	SK3246	RT-308	ECG229*		WEP956*	ZEN-127
Q5	2SC900E		GE-62	PTC139*	HEPS0015*	REN 199	SK3124	RT-302	ECG199	2SC900	WEP66	ZEN-119
	2SC900		GE-62	PTC139*	HEPS0015*	REN 199	SK3124	RT-302	ECG199	2SC900	WEP66	ZEN-119
Q6	2SC373		GE-212	PTC121*	HEPS0015*	REN 199	SK3122	RT-105	ECG199	2SC373	WEP373	ZEN-119
	2SC945		GE-212	PTC121*	HEPS0015*	REN 199	SK3122	RT-107A	ECG199	2SC945	WEP1945	121-29000
Q7	2SK30A-0		GE-FET-1	PTC151	HEPF0010	REN 133	SK3112	RT-176	ECG133		WEP801	ZEN-123
	2SK30A		GE-FET-1	PTC151	HEPF0010	REN 133	SK3112	RT-176	ECG133		WEP801	ZEN-123
Q101	2SC784R		GE-60*	PTC132*	HEPS0008*	REN 229*	SK3122	RT-187	ECG229*	2SC784	WEP784	121-883*
	2SC1674		GE-61	PTC132*	HEPS0010*	REN 107	SK3246	RT-308	ECG229*	2SC535	WEP956*	
Q102	2SC380-0		GE-61*	PTC136*	HEPS0016*	REN 107	SK3018*	RT-107A	ECG107	2SC380	WEP380	ZEN-127
	2SC1675		GE-213	PTC132*	HEPS0025*	REN 123A*	SK3246	RT-308	ECG229*		WEP956*	ZEN-127
Q103	2SC380-0		GE-61*	PTC136*	HEPS0016*	REN 107	SK3018*	RT-107A	ECG107	2SC380	WEP380	ZEN-127
	2SC1675		GE-213	PTC132*	HEPS0025*	REN 123A*	SK3246	RT-308	ECG229*		WEP956*	ZEN-127
Q104	2SC380-0		GE-61*	PTC136*	HEPS0016*	REN 107	SK3018*	RT-107A	ECG107	2SC380	WEP380	ZEN-127
	2SC1675		GE-213	PTC132*	HEPS0025*	REN 123A*	SK3246	RT-308	ECG229*		WEP956*	ZEN-127
Q105	2SC380-0		GE-61*	PTC136*	HEPS0016*	REN 107	SK3018*	RT-107A	ECG107	2SC380	WEP380	ZEN-127
	2SC1675		GE-213	PTC132*	HEPS0025*	REN 123A*	SK3246	RT-308	ECG229*		WEP956*	ZEN-127
Q106	2SC900E		GE-62	PTC139*	HEPS0015*	REN 199	SK3124	RT-302	ECG199	2SC900	WEP66	ZEN-119
	2SC732		GE-62	PTC139*	HEPS0024*	REN 199	SK3122	RT-302	ECG199	2SC732	WEP66	ZEN-128
Q107	2SC373		GE-212	PTC121*	HEPS0015*	REN 199	SK3122	RT-105	ECG199	2SC373	WEP373	ZEN-119
Q108	2SC733BL		GE-62	PTC139*	HEPS0025*	REN 199	SK3122	RT-302	ECG199	2SC733	WEP66	ZEN-114
	2SC373		GE-212	PTC121*	HEPS0015*	REN 199	SK3122	RT-105	ECG199	2SC373	WEP373	ZEN-119
Q301	2SC784R		GE-60*	PTC132*	HEPS0008*	REN 229*	SK3122	RT-187	ECG229*	2SC784	WEP784	121-883*
Q302	JSP7005		GE-86	PTC121	HEPS0014	REN 108	SK3018	RT-107	ECG108		WEP56	
Q303	JSP7006		GE-86	PTC121	HEPS0014	REN 108	SK3018	RT-107	ECG108		WEP56	
Q304	JSP7006		GE-86	PTC121	HEPS0014	REN 108	SK3018	RT-107	ECG108		WEP56	
Q401	2SC1675L		GE-213	PTC132*	HEPS0025*	REN 123A*	SK3246	RT-308	ECG229*		WEP956*	ZEN-127
Q402	2SC1675L		GE-213	PTC132*	HEPS0025*	REN 123A*	SK3246	RT-308	ECG229*		WEP956*	ZEN-127
Q403	2SC945L		GE-212	PTC121*	HEPS0015*	REN 199	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
Q404	2SC1317Q		GE-210*	PTC123	HEPS0015*	REN 128	SK3122	RT-107A	ECG289		WEP910	ZEN-120
Q501	2SC373		GE-212	PTC121*	HEPS0015*	REN 199	SK3122	RT-105	ECG199	2SC373	WEP373	ZEN-119
	2SC945		GE-212	PTC121*	HEPS0015*	REN 199	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
Q502	2SC373		GE-212	PTC121*	HEPS0015*	REN 199	SK3122	RT-105	ECG199	2SC373	WEP373	ZEN-119
	2SC945		GE-212	PTC121*	HEPS0015*	REN 199	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
Q503	2SA495-0		GE-221*	PTC103*	HEPS0013*	REN 159*	SK3466	RT-303	ECG159*	2SA495	WEP495	ZEN-106
	2SA495-Y		GE-221*	PTC103*	HEPS0013*	REN 159*	SK3466	RT-303	ECG159*	2SA495	WEP495	ZEN-106
Q504	2SA495-0		GE-221*	PTC103*	HEPS0013*	REN 159*	SK3466	RT-303	ECG159*	2SA495	WEP495	ZEN-106
	2SA495-Y		GE-221*	PTC103*	HEPS0013*	REN 159*	SK3466	RT-303	ECG159*	2SA495	WEP495	ZEN-106
Q505	2SC509Y		GE-81*	PTC123*	HEPS0014*	REN 289	SK3122	RT-141*	ECG289	2SC509	WEP59*	ZEN-102
Q506	2SC509Y		GE-81*	PTC123*	HEPS0014*	REN 289	SK3122	RT-141*	ECG289		WEP59*	
Q507	2SC1173Y		GE-215	PTC110		REN 236	SK3197	RT-160	ECG236	2SC1173	WEP840	
Q508	2SC1173Y		GE-215	PTC110		REN 236	SK3197	RT-160	ECG236	2SC1173	WEP840	
Q509	2SA473Y		GE-69	PTC111		REN 153	SK3084	RT-196	ECG153	2SA473	WEP746	121-988-02
Q510	2SA473Y		GE-69	PTC111		REN 153	SK3084	RT-196	ECG153	2SA473	WEP746	121-988-02
Q511	2SC373		GE-212	PTC121*	HEPS0015*	REN 199	SK3122	RT-105	ECG199	2SC373	WEP373	ZEN-119
	2SC945		GE-212	PTC121*	HEPS0015*	REN 199	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000

* Lead configuration may vary from original.

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C26	1 35V	CSZA010H35		TDC105M035EL		SD35-19
C27	.1 35V	CSZA0R1H35		TDC104M050EL	QDT1-2	SD50-R109
C28	10 16V	CEA100P16	PC10-25	VTT10B25	QV1-41	EV-1222
C29	1 50V	CEA010P50	PC1-50	VTT1A50	QV1-11	EV-1615
C30	47 10V	CEA470P10	PC50-16	VTT47016	QV1-73	EV-1226
C31	10 16V	CEA100P16	PC10-25	VTT10B25	QV1-41	EV-1222
C32	10 16V	CEA100P16	PC10-25	VTT10B25	QV1-41	EV-1222
C33	47 10V	CEA470P10	PC50-16	VTT47016	QV1-73	EV-1226
C40	47 10V	CEA470P10	PC50-16	VTT47016	QV1-73	EV-1226
C43	220 16V	CEA221P16	PC250-25	VTT220H16	QV1-117	EV-1240
C122	10 16V	CEA100P16	PC10-25	VTT10B25	QV1-41	EV-1222
C124	220 10V	CEA221P10	PC250-10	VTT220F10	QV1-115	EV-1140
C127	10 16V	CEA100P16	PC10-25	VTT10B25	QV1-41	EV-1222
C131	4.7 25V	CEA4R7P25	PC5-50	VTT4R7B50	QV1-27	EV-1319
C133	10 16V	CEA100P16	PC10-25	VTT10B25	QV1-41	EV-1222
C135	1 50V	CEA010P50	PC1-50	VTT1A50	QV1-11	EV-1615
C317	33 10V	CEA330P10	PC30-25	VTT33B10	QV1-61	EV-1125
C328	220 6.3V	CEA221P6.3	PC250-10	VTT220F10	QV1-115	EV-1140
C333	.22 50V	CEAR22M50		TDC224M050EL	QDT1-10	SD50-R229
C337	1 50V	CEA010P50	PC1-50	VTT1A50	QV1-11	EV-1615
C340	2.2 50V	CEA2R2P50	PC2-100	VTT2R2A50	QV1-19	EV-1517
C341	.22 50V	CEAR22M50		TDC224M050EL	QDT1-10	SD50-R229
C342	.47 50V	CEAR47M50	PC1-50	VTT4R7A63	QV1-3	EV-1610
C343	33 10V	CEA330P10	PC30-25	VTT33B10	QV1-61	EV-1125
C401	10 25V	CEA100P25	PC10-25	VTT10B25	QV1-43	EV-1322
C414	10 25V	CEA100P25	PC10-25	VTT10B25	QV1-43	EV-1322
C420	100 10V	CEA101P10	PC100-10	VTT100E10	QV1-93	EV-1130
C423	1 50V	CEA010P50	PC1-50	VTT1A50	QV1-11	EV-1615
C429	4.7 25V	CEA4R7P25	PC5-50	VTT4R7B50	QV1-27	EV-1319
C430	4.7 25V	CEA4R7P25	PC5-50	VTT4R7B50	QV1-27	EV-1319
C431	100 10V	CEA101P10	PC100-10	VTT100E10	QV1-93	EV-1130
C501	.1 35V	CSZA0R1H35		TDC104M050EL	QDT1-2	SD50-R109
C502	.1 35V	CSZA0R1H35		TDC104M050EL	QDT1-2	SD50-R109
C503	4.7 25V	CEA4R7P25	PC5-50	VTT4R7B50	QV1-27	EV-1319
C504	4.7 25V	CEA4R7P25	PC5-50	VTT4R7B50	QV1-27	EV-1319
C507	4.7 25V	CEA4R7P25	PC5-50	VTT4R7B50	QV1-27	EV-1319
C508	4.7 25V	CEA4R7P25	PC5-50	VTT4R7B50	QV1-27	EV-1319
C509	100 6V	CEA101P6	PC100-10	VTT100E10	QV1-93	EV-1030
C510	100 6V	CEA101P6	PC100-10	VTT100E10	QV1-93	EV-1030
C511	100 10V	CEA101P10	PC100-10	VTT100E10	QV1-93	EV-1130
C512	100 10V	CEA101P10	PC100-10	VTT100E10	QV1-93	EV-1130
C515	470 10V	CEA471P10	PC500-16	VTT470K16	QV1-149	EV-1150
C516	470 10V	CEA471P10	PC500-16	VTT470K16	QV1-149	EV-1150
C519A	470 10V	CEA471P10	PC500-16	VTT470K16	QV1-149	EV-1150
C521	10 16V	CEA100P16	PC10-25	VTT10B25	QV1-41	EV-1222
C522	4.7 25V	CEA4R7P25	PC5-50	VTT4R7B50	QV1-27	EV-1319
C602	1000 16V	CEA102P16	PC1000-16	VTT1000L16	QV1-183	EV-1260

PIONEER MODEL GT-1100G

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C1	150 50V		DD-151		GP315		10TS-T15
C2	180 50V		DD-181		GP318		10TS-T18
C3	24 NPD 50V		DTZ-25	NP025	CN0425		10TCC-Q25
C4	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C5	120 50V		DTZ-120		CN0312		10TCC-T12
C6	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C7	100 50V		DD-101	GP100	GP310		10TS-T10
C8	.047 50V		DC-503	MGP05	TA150	QC2-207	TG-S50
C10	680 50V		DD-681	GP680	GP368		10TS-T68
	470 50V		DD-471	GP470	GP347		10TS-T47
C11	.047 50V		DC-503	MGP05	TA150	QC2-207	TG-S50
C12	33 N470 50V	CC0TH330J50			*		10TCT-Q33
C13	220 50V		DD-221		GP322		10TS-T22
C14	.047 50V		DC-503	MGP05	TA150	QC2-207	TG-S50
C16	15 N570 50V	CC0TH150K50			*		10TCT-Q15
C17	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C18	100 50V		DD-101	GP100	GP310		10TS-T10
C20	.047 50V		DC-503	MGP05	TA150	QC2-207	TG-S50
C21	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C22	10 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C23	.1 50V			DPMS2P1	EW1A010	QF1-215	1PB-P10
C24	.0047 50V			WMF1D47	EW1A247	QF1-57	1PB-D47
C25	.0047 50V			WMF1D47	EW1A247	QF1-57	1PB-D47
C34	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C35	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
	.0022 50V		DD-222		GP222	QC2-97	5GA-Q22
C36	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C37	.068 50V			WMF1S68	EW1A168	QF1-195	1PB-S68
C41	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C42	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C44	470 50V		DD-471	GP470	GP347		10TS-T47
C45	470 50V		DD-471	GP470	GP347		10TS-T47
C46	470 50V		DD-471	GP470	GP347		10TS-T47
C47	470 50V		DD-471	GP470	GP347		10TS-T47
C48	470 50V		DD-471	GP470	GP347		10TS-T47
C49	470 50V		DD-471	GP470	GP347		10TS-T47
C101	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C102	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C103	24 NPD 50V		DTZ-25	NP025	CN0425		10TCC-Q25
C104	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C105	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C106	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C107	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

CAPACITORS (cont)

ITEM No.	RATING	MFG. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C108	1 50V				CN0510		10TCC-V10
C109	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C110	27 50V				CN0427		10TCC-Q27
C111	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C112	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C113	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C114	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C115	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C116	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C117	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C118	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C119	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C120	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C121	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C123	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C125	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C128	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C129	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C130	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C132	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C134	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C301	47 50V		DTZ-47	NP047	CN0447		10TCC-Q47
C302	18 50V				CN0418		10TCC-Q18
C303	33 50V		DTZ-33	NP033	CN0433		10TCC-Q33
C304	10 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C305	4 N470 50V	CCDTH040K50			*		10TCT-V39
C306	2 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C307	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C308	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C309	39 50V				CN0439		10TCC-Q39
C310	10 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C311	2 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C312	6 N470 50V	CCDSL060K50			*		10TCT-V56
C313	150 50V		DD-151		GP315		10TS-T15
C314	15 50V		DTZ-15	NP015	CN0415		10TCC-Q15
C315	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C316	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C318	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C319	7 N470 50V	CCDTH070K50			*		10TCT-V82
C320	33 50V		DTZ-33	NP033	CN0433		10TCC-Q33
C321	5 NPO 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C322	.5 NPO 50V	CCDSL0R5L50					
C323	10 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C324	2 NPO 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C325	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C326	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C327	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C329	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C330	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C331	7 50V		DTZ-6R8	NP06P8	CN0568		10TCC-V68
C332	220 50V		DD-221		GP322		10TS-T22
C334	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C335	.022 50V		DC-203	MGP02	TA120	QC2-157	TG-S20
C336	.001 50V			DPMS6D1	EWFA1A210	QF1-1	1PB-D10
C338	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C339	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C344	.047 50V		DC-503	MGP05	TA150	QC2-207	TG-S50
C345	.05 50V		DC-503	MGP05	TA150	QC2-207	TG-S50
C346	470 125V			CD15FD471J03	SX347	QW1-42	MMA-471
C402	470 50V		DD-471	GP470	GP347		10TS-T47
C403	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C404	220 50V		DD-221		GP322		10TS-T22
C405	180 50V		DD-181		GP318		10TS-T18
C406	33 50V		DTZ-33	NP033	CN0433		10TCC-Q33
C407	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C408	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C409	10 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C410	270 50V		DD-271	GP270	GP327		10TS-T27
C411	150 50V		DD-151		GP315		10TS-T15
C412	.0068 50V			WMF1D68	EWFA1A268	QF1-73	1PB-D68
C413	.1 50V		DC-104	MGP1	TA010	QC2-233	TG-P10
C415	.05 12V		DC-503	MGP05	TA150	QC2-207	TG-S50
C416	.05 12V		DC-503	MGP05	TA150	QC2-207	TG-S50
C417	.1 12V		DC-104	MGP1	TA010	QC2-233	TG-P10
C418	.1 50V			DPMS2P1	EWFA1A010	QF1-215	1PB-P10
C419	220 50V		DD-221		GP322		10TS-T22
C421	.1 12V		DC-104	MGP1	TA010	QC2-233	TG-P10
C422	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C424	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C425	2 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C426	1 50V				CN0510		10TCC-V10
C427	.0047 50V			WMF1D47	EWFA1A247	QF1-57	1PB-D47
C428	.0047 50V			WMF1D47	EWFA1A247	QF1-57	1PB-D47
C505	.001 50V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C506	.001 50V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C513	330 50V		DD-331	GP330	GP333		10TS-T33
C514	330 50V		DD-331	GP330	GP333		10TS-T33
C517	.047 50V		DC-503	MGP05	TA150	QC2-207	TG-S50
C518	.047 50V		DC-503	MGP05	TA150	QC2-207	TG-S50
C519B		CCL-055					
C520		CCL-055					
C601		CCL-063					
C603		CCL-063					
CT1	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
TC1	22 50V	CCL-054					
TC301		CCL-052					
TC302		CCL-052					

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

CAPACITORS (cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
TC303 TC401 TC402 TC403		CCL-052 CCL-057 CCL-053 CCL-053					

*Not normally in distributor's stock. Available thru distributor on order to manufacturer.

CONTROLS (All wattages 1/2 watt, or less, unless listed)

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA			
			MFR. PART No.	CENTRALAB PART No.	MALLORY PART No.	TRW PART No.
VR1	RF Meter	50K	CCP-041			U260R503B
VR2	AMC	5000	CCP-040			U260R502B
VR101	AGC Range	5000	CCP-040			U260R502B
VR102	S Meter	10K	CCP-039			U260R103B
VR103	Squelch Range	100K				U260R104B
	Squelch Range	200K	CCP-042(6)			
VR104	Squelch	5000	CCS-128			
VR301	19kHz	10K	CCP-039			U260R103B
VR501A	Tone-Left	10K	CCS-129			
B	Tone-Right	10K				
C	Balance	50K				
D	Volume-Left	20K Tap 2500				
E	Volume-Right	20K Tap 2500				

(6) Alternate part, may be used in some versions.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	Antenna Matching (27MHz)	CTA-024	4Z947-A		
L2	RF Choke	CTH-029			
L3	Pi Filter (27MHz)	CTA-024	4Z947-A		
L4	Final (27MHz)	CTA-025	4Z947-B		
L5	RF Choke (2.7uH)	CRH-030			
L6	XMT Driver (27MHz)	CTA-026	120		
L7	XMT Buffer (27MHz)	CTE-072	0H390		
L8	RF Choke (33uH)	CTF-072			
L9	RF Choke (33uH)	CTF-057			
L10	XMT Buffer (27MHz)	CTE-073	4Z1035		
L101	Rec Antenna (27MHz)	CTE-074			
L102	Rec RF (27MHz)	CTE-075			
L301-1	FM Antenna	(1)			(1) Part of M2
L301-2	FM RF	(1)			
L301-3	RF OSC	(1)			
L302	RF Choke (1.5uH)	CTH-027			
L401	RF Choke (3.9uH)	CTH-030			
L401-1	AM Antenna	(1)			
L402-2	AM RF	(1)			
L403-3	AM OSC	(1)			
T101	IF (10.695MHz)	CTE-076			
T102	IF (10.695MHz)	CTE-076			
T103	IF (455kHz)	CTE-077			
T104	IF (455kHz)	CTE-078			
T105	IF (455kHz)	CTE-079			
T301	IF (10.7MHz)	CTE-069			
T302	Quadrature (10.7MHz)	CTE-068			
T401	IF (455kHz)	CTE-070			
T402	IF (455kHz)	CTE-071			

PIONEER MODEL GT-1100G

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
CH601	1.25A	.33	2.55mH	CTH-028 40894G01(1)			(1) Number on unit.

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	128	8	CTT-079 25B1385P01(1)			(1) Number on unit.

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA							
		PART No.		BUSS PART No.		LITTELFUSE PART No.		WORKMAN PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	
F1	2 Amp		CDE-342	AGC 2	HDJ	312002	150145		

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA							
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC CONNECTOR	GC Red	GC Shield	GC Yellow	GC Blue	GC White	GC Black	
MIC	CPM-013	18-032	18-034	18-010	18-105	1	2	3	5,4	NC	2	

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF101	Ceramic Filter	CTF-059	455kHz (CFU-455H)
CF301	Ceramic Filter	CTF-052	10.7MHz
CF302	Ceramic Filter	CTF-052	10.7MHz
E1	Module	CWE-191	PLL
J1	Jack	CDE-343	CB Antenna
J2	Jack	COE-337	Radio Antenna
J3	Jack	CDE-344	Microphone
LED601	LED	GL-32AR	TX-RX
LED602	LED	TLR-312	Channel Display (Tens)
LED603	LED	TLR-312	Channel Display (Units)
LED604	LED	LN-15	Stereo Indicator
M2	Tuner	CXB-603	AM-FM
M601	Meter	CAW-033	S/R
PL601	Lamp	CEL-058	Dial (5.70V @ 60mV)
PL602	Lamp	CEL-058	Dial (5.70V @ 60mV)
PL603	Lamp	CEL-058	Meter (5.70V @ 60mV)
S301	Switch	CSG-077	DX/LO
S302	Switch	CSG-077	AM/FM
S601	Switch		Power (Part of Volume Control)
S602	Switch	CWS-072	CB/Radio
S603	Switch	CSG-076	CB/PA
S604	Switch	CSG-076	STD-BY
S605	Switch	CSD-011	Channel Selector
	Printed Circuit Board	CWE-169	CB
	Printed Circuit Board	CWE-190	AM/FM Radio
	Printed Circuit Board	CWK-171	Audio Amp
	Printed Circuit Board	CNP-444	PA/STD BY
	Printed Circuit Board	CNP-494	Channel Selector
	Printed Circuit Board	CWG-037	Control
	Printed Circuit Board	CNP-441	AM Antenna Trimmer
	Printed Circuit Board	CNP-443	Lamp

PIONEER MODEL GT-1100G

CABINETS & CABINET PARTS (When ordering specify model, chassis & color)

ITEM	PART No.	ITEM	PART No.
Escutcheon	CXB-523	Knob, CB/PA/STD BY	CAC-158
Knob, Channel Selector	CAA-175	Top Cover	CND-775
Knob, FM	CAC-160	Bottom Cover	CND-777
Knob, DX	CAC-161		

WIRING DATA

General-use Hook-up Wire (available in 5 colors)	BELDEN No. 8523	Coiled Microphone Cable	
Shielded Hook-up Wire (spiral wrapped)	BELDEN No. 8421	3-conductor (1 shielded)	23AWG BELDEN No. 9471 (5')
(braided)	BELDEN No. 8401		BELDEN No. 8497 (6')
Speaker Cable (available in 4 colors)	BELDEN No. 8782		BELDEN No. 9472 (7-1/2')
Bonding Strap	BELDEN No. 8672		28AWG BELDEN No. 9466 (6')
AC Power Cord	(6') BELDEN No. 17106		31AWG BELDEN No. 9468 (10')
	(9') BELDEN No. 17109	4-conductor (unshielded)	23AWG BELDEN No. 8415 (6')
		5-conductor (1 shielded)	28AWG BELDEN No. 9467 (6')
			BELDEN No. 9465 (7-1/2')

