

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 934.38120700

MANUFACTURER'S SPECIFICATIONS

Receiver

Frequency Coverage:

All 40 CB Channels (Class D)

26.965 to 27.405 MHz

Sensitivity:

0.5 μ V for 10 dB S + N/N

Selectivity:

50 dB $\pm$ 10 KHz

IF Frequency:

1st IF: 10.695 MHz

2nd IF: 455KHz

Audio Output:

4W (THD 10%)

Frequency Response:

400 — 2000 Hz

Squelch:

Adjustable

Transmitter

Frequency Coverage:

All 40 CB Channels (Class D)

26.965 to 27.405 MHz

power Output:

Less than 4.0W

Emission:

6A3

Modulation:

$\pm$ 85%

Spurious Radiation:

Better than 60 dB

RF Frequency Stability:

0.002%

Antenna Impedance:

50 ohms

Semiconductor Complement:

2 IC's

27 Transistors

3 FET's

32 Diodes

Microphone:

Dynamic

Power Requirements:

DC 13.8V positive or negative ground

Dimensions:

2-3/4"(H) x 9"(W) x 10-1/16"(D)

(7.0 x 22.8 x 25.5 cm)

Weight:

4 lbs. 7 oz. (2 kg)

Courtesy of the Manufacturer

SEARS MODEL 934.38120700

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.
 Connect Microphone.

Suggested Alignment Tools: GC ELECTRONICS:
 T101, T103, T104, T701 thru T705..... 9440
 T102, T201, T202..... 5009, 8728, 8728A
 T301 thru T304..... 5000, 5009, 8276, 8728, 8728A
 T305 thru T308..... 9440

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of oscilloscope to TP1 (T302 Secondary).	Ch. 19	T302	Adjust for maximum RF output.
Input of frequency counter to TP1 (T302 Secondary).	Ch. 19 Fine Tune Midrange	RT102	Adjust for 10.240MHz.
Input of oscilloscope to TP2 (T303 Secondary).	Ch. 19	T303	Adjust for maximum RF output.
Input of frequency counter to TP2 (T303 Secondary).	Ch. 19 Fine Tune Midrange		Check for 15.360MHz.
Input of DC meter to TP3 (IC301 Pin 19).	Ch. 19	T308	Adjust for 1.80 volts.
Input of frequency counter to TP4 (IC301 Pin 13).	Ch. 1		Check for .910MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of oscilloscope to TP5 (T301 Secondary).	Ch. 19	T301	Adjust for maximum RF output.
Input of frequency counter to TP5 (T301 Secondary).	Ch. 1		Check for 16.270 MHz Check all channels. (See Truth Chart for correct frequencies.)
Input of oscilloscope to TP6 (T304 Secondary).	Ch. 19, XMT	T304	Adjust for maximum RF output.
Input of frequency counter to TP6 (T304 Secondary).	Ch. 19, XMT		Check for 10.695MHz.

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.
 Fine Tune Midrange, RF Gain Maximum, Squelch MINIMUM, NB Switch Off.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP7 (Q103 Base). 455kHz, 1000Hz @ 30% modulation.	Ch. 19	T202, T201, T102	Adjust for maximum output.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19	T101, T105	Adjust for maximum output. If necessary readjust T102, T201 and T202.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Input of oscilloscope to TP8 (Q107 Base).	Ch. 19	T104, T103	Set generator output for 0db. signal to noise plus noise ratio of receiver. Inject a 100pps, 1uSec pulse signal at antenna input. Switch Noise Blanker on. Adjust for maximum amplitude of pulses.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Fine Tune Midrange, RF Gain Maximum, Squelch MINIMUM, NB Switch Off.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output 50,000uV.	Ch. 19	RT101	IF GAIN Set volume RV501 for 0db. Decrease generator output to 50uV. Adjust so that audio does not drop more than 10db.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19	RT1	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. CAL Switch Off, SWR Switch Off.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of RF wattmeter and 50-ohm, 25 watt dummy load to antenna input.	Ch. 19	T305, T306 T307, T701, T702, T703	Adjust for maximum RF output.
Input of RF wattmeter and 50-ohm, 25 watt dummy load to antenna input.	Ch. 19	T704, T705	Adjust for 4.0 watts RF output maximum.

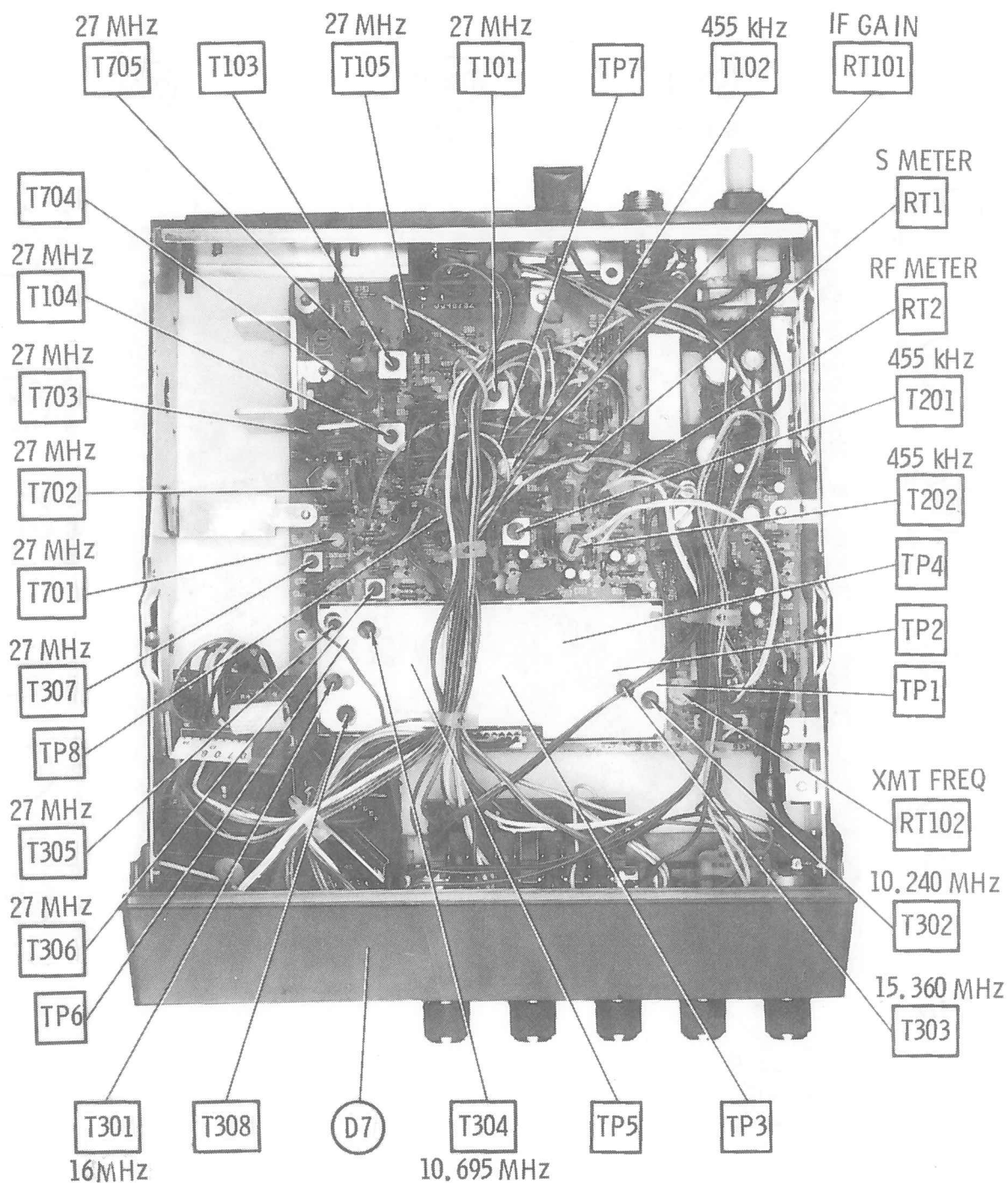
TRANSMITTER ADJUSTMENTS

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 frequencies. CAL Switch Off, SWR Switch Off.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of RF wattmeter and 50-ohm, 25 watt dummy load to antenna input.	Ch. 19	RT2	RF METER Adjust so that RF meter agrees with RF wattmeter.

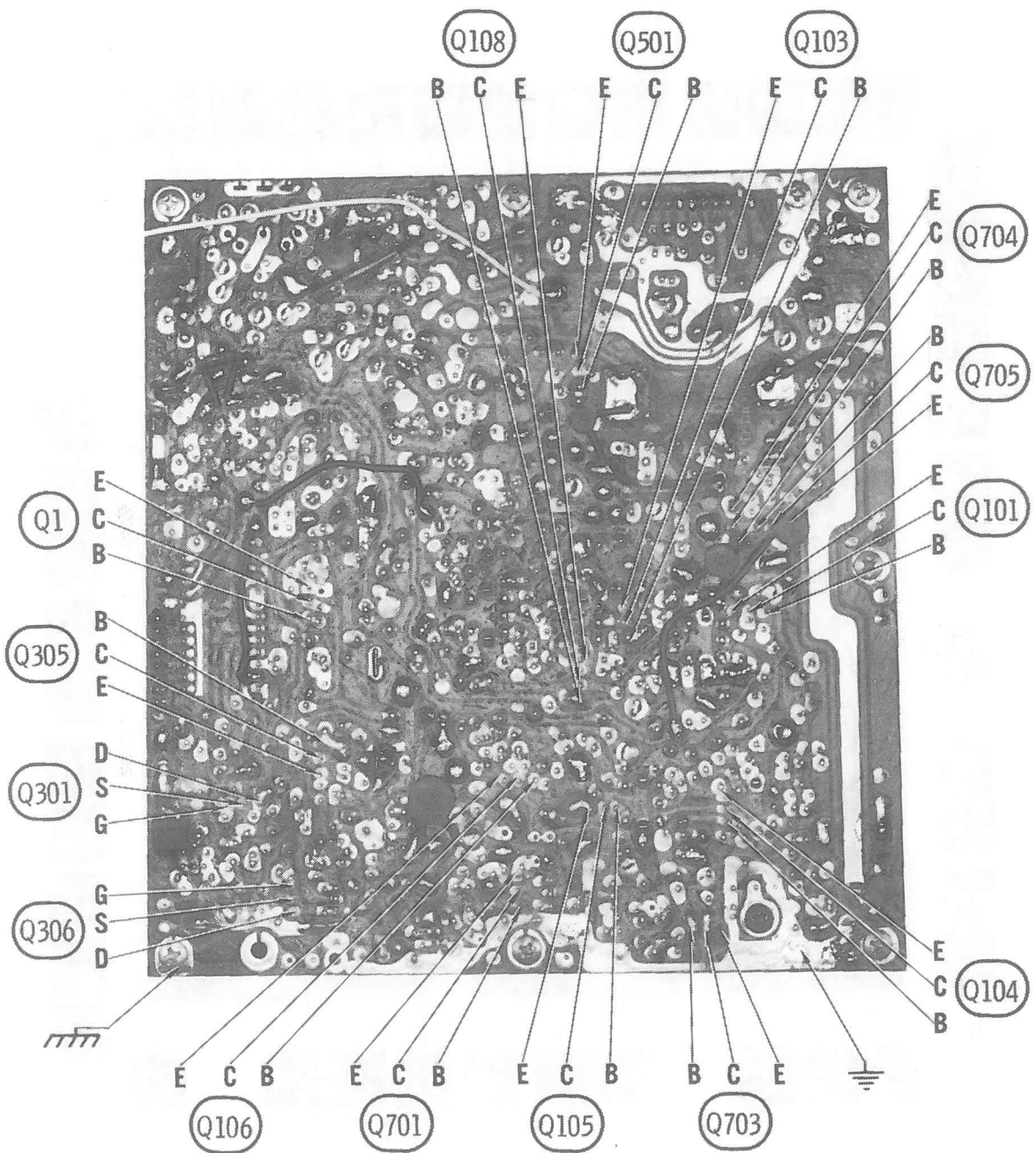
TRUTH CHART

CHANNEL	1 = 5.16 Volts 0 = 0 Volts								DIVIDER INPUT IN MHz AT TP4	REC & XMT SYNTHESIZER IN MHz AT TP5	
	IC301 PROGRAM DIVIDER										
	PINS										
	6	5	4	3	2	1					
1	0	0	0		0	1			.910	16.270	
2	0	0	0	0	1	0			.920	16.280	
3	0	0	0	0	1	1			.930	16.290	
4	0	0	0	1	0	0			.950	16.310	
5	0	0	0	1	0	1			.960	16.320	
6	0	0	0	1	1	0			.970	16.330	
7	0	0	0	1	1	1			.980	16.340	
8	0	0	1	0	0	0			1.000	16.360	
9	0	0	1	0	0	1			1.010	16.370	
10	0	1	0	0	0	0			1.020	16.380	
11	0	1	0	0	0	1			1.030	16.390	
12	0	1	0	0	1	0			1.050	16.410	
13	0	1	0	0	1	1			1.060	16.420	
14	0	1	0	1	0	0			1.070	16.430	
15	0	1	0	1	0	1			1.080	16.440	
16	0	1	0	1	1	0			1.100	16.460	
17	0	1	0	1	1	1			1.110	16.470	
18	0	1	1	0	0	0			1.120	16.480	
19	0	1	1	0	0	1			1.130	16.490	
20	1	0	0	0	0	0			1.150	16.510	
21	1	0	0	0	0	1			1.160	16.520	
22	1	0	0	0	1	0			1.170	16.530	
23	1	0	0	0	1	1			1.200	16.560	
24	1	0	0	1	0	0			1.118	16.540	
25	1	0	0	1	0	1			1.119	16.550	
26	1	0	0	1	1	0			1.210	16.570	
27	1	0	0	1	1	1			1.220	16.580	
28	1	0	1	0	0	0			1.230	16.590	
29	1	0	1	0	0	1			1.240	16.600	
30	1	1	0	0	0	0			1.250	16.610	
31	1	1	0	0	0	1			1.260	16.620	
32	1	1	0	0	1	0			1.270	16.630	
33	1	1	0	0	1	1			1.280	16.640	
34	1	1	0	1	0	0			1.290	16.650	
35	1	1	0	1	0	1			1.300	16.660	
36	1	1	0	1	1	0			1.310	16.670	
37	1	1	0	1	1	1			1.320	16.680	
38	1	1	1	0	0	0			1.330	16.690	
39	1	1	1	0	0	1			1.340	16.700	
40	0	0	0	0	0	0			1.350	16.710	

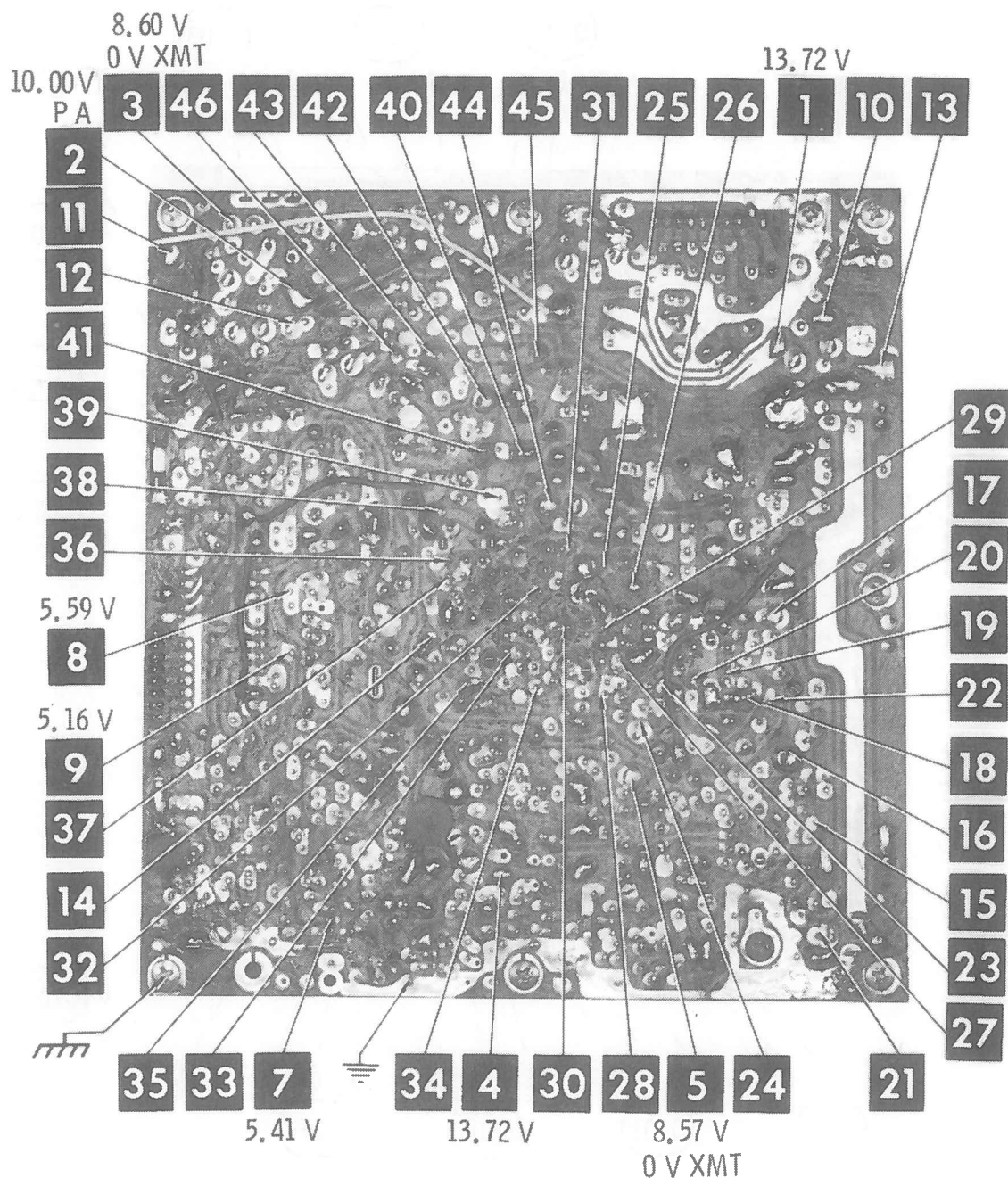


CHASSIS - BOTTOM

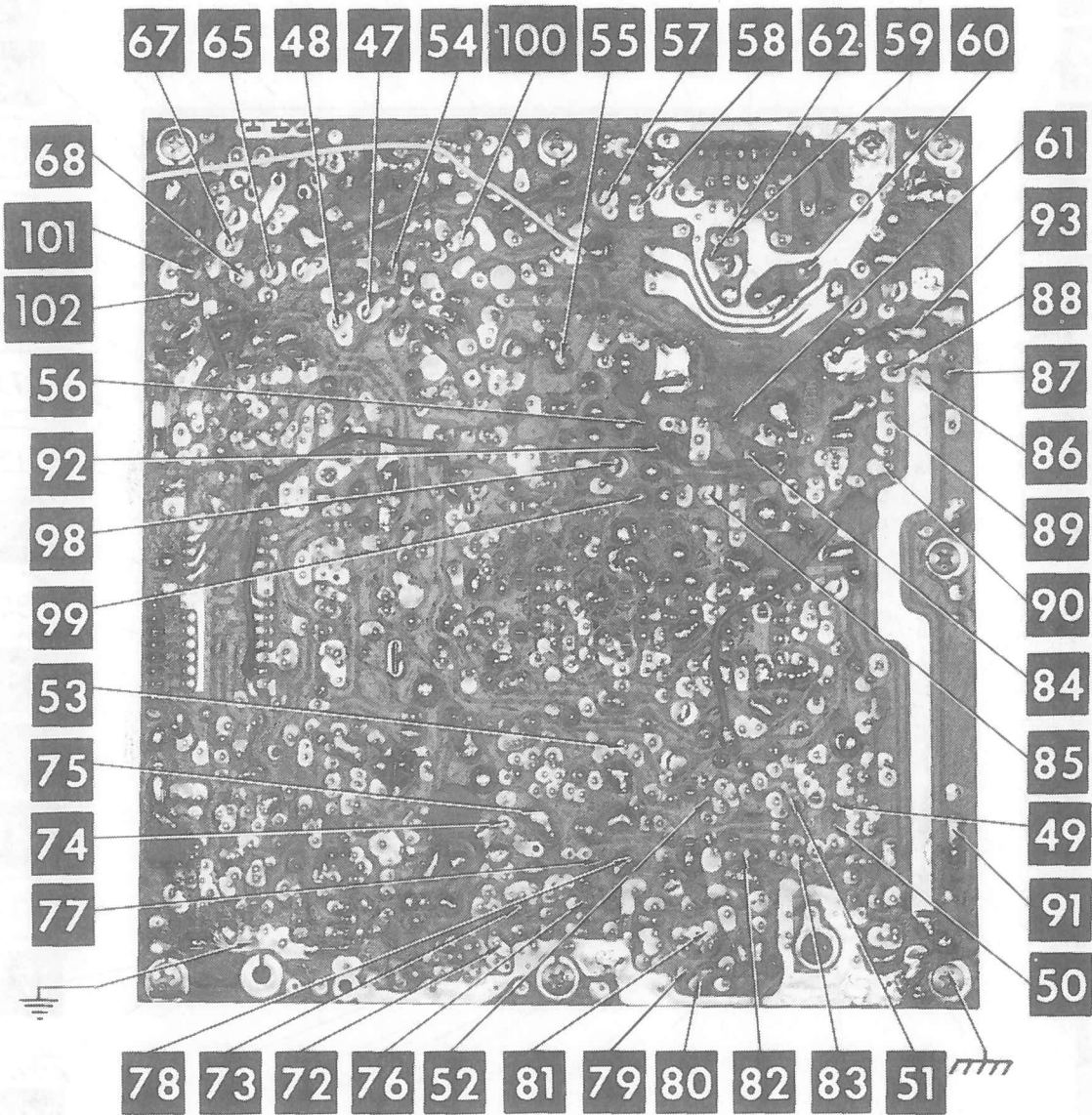




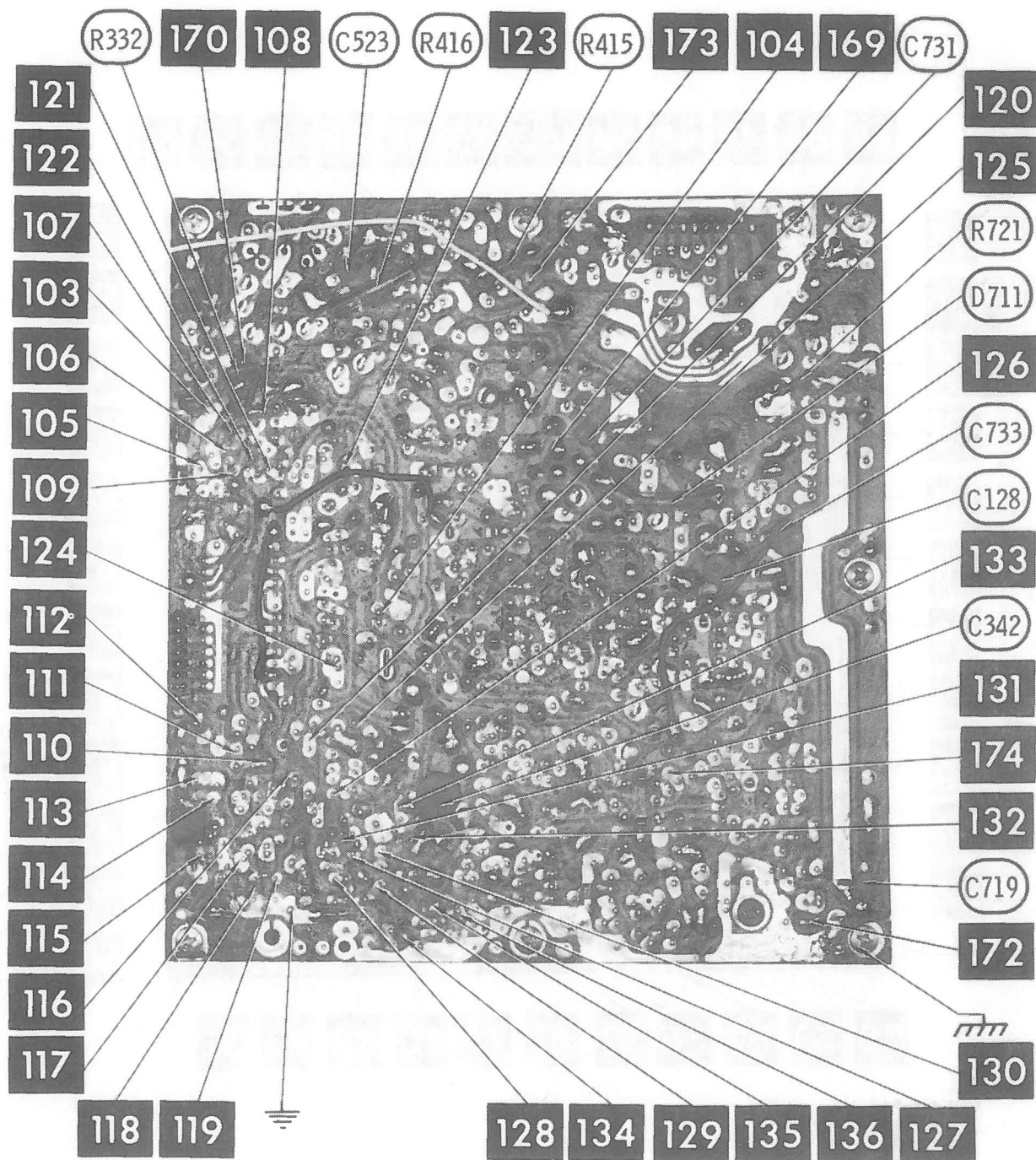
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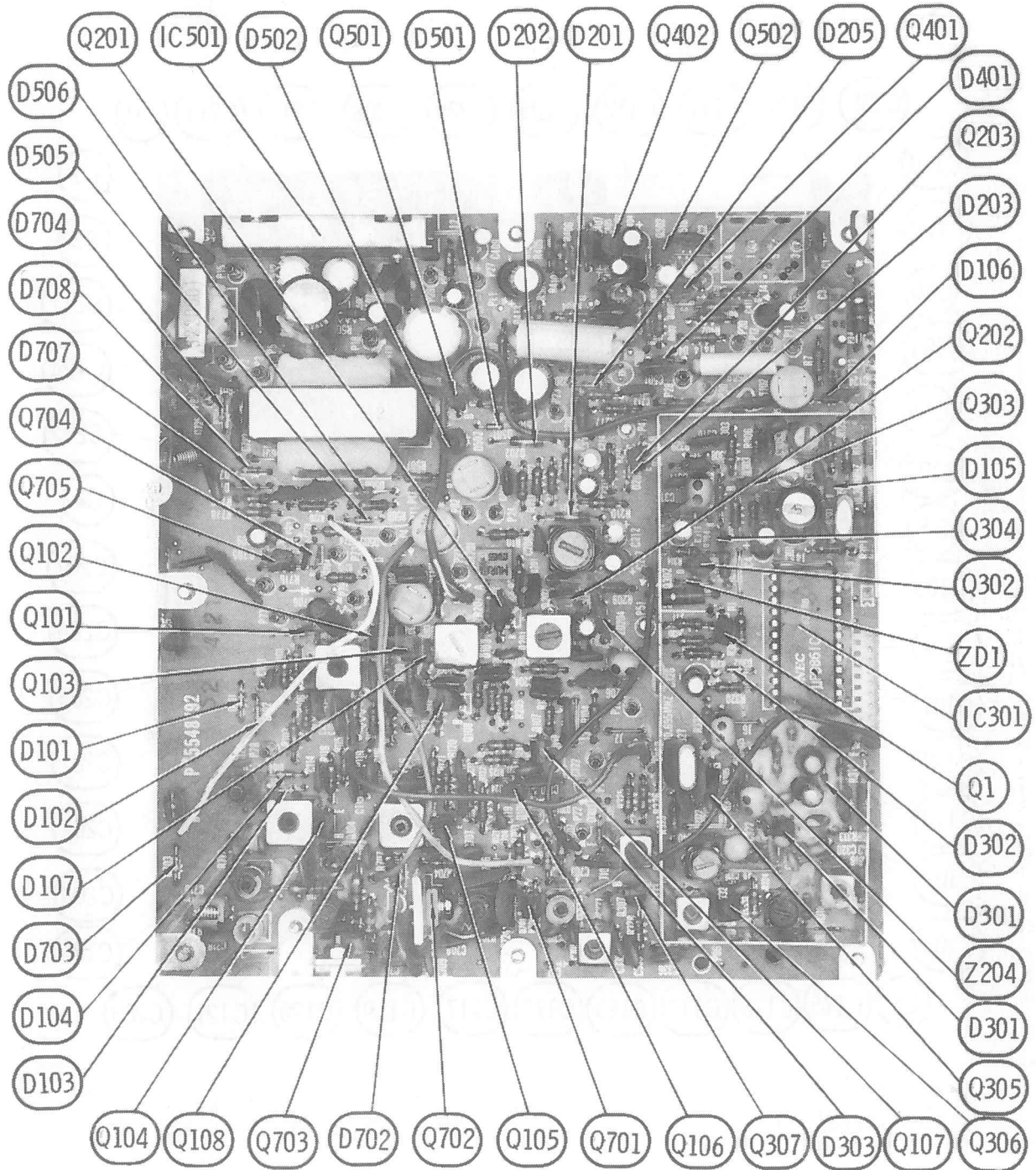
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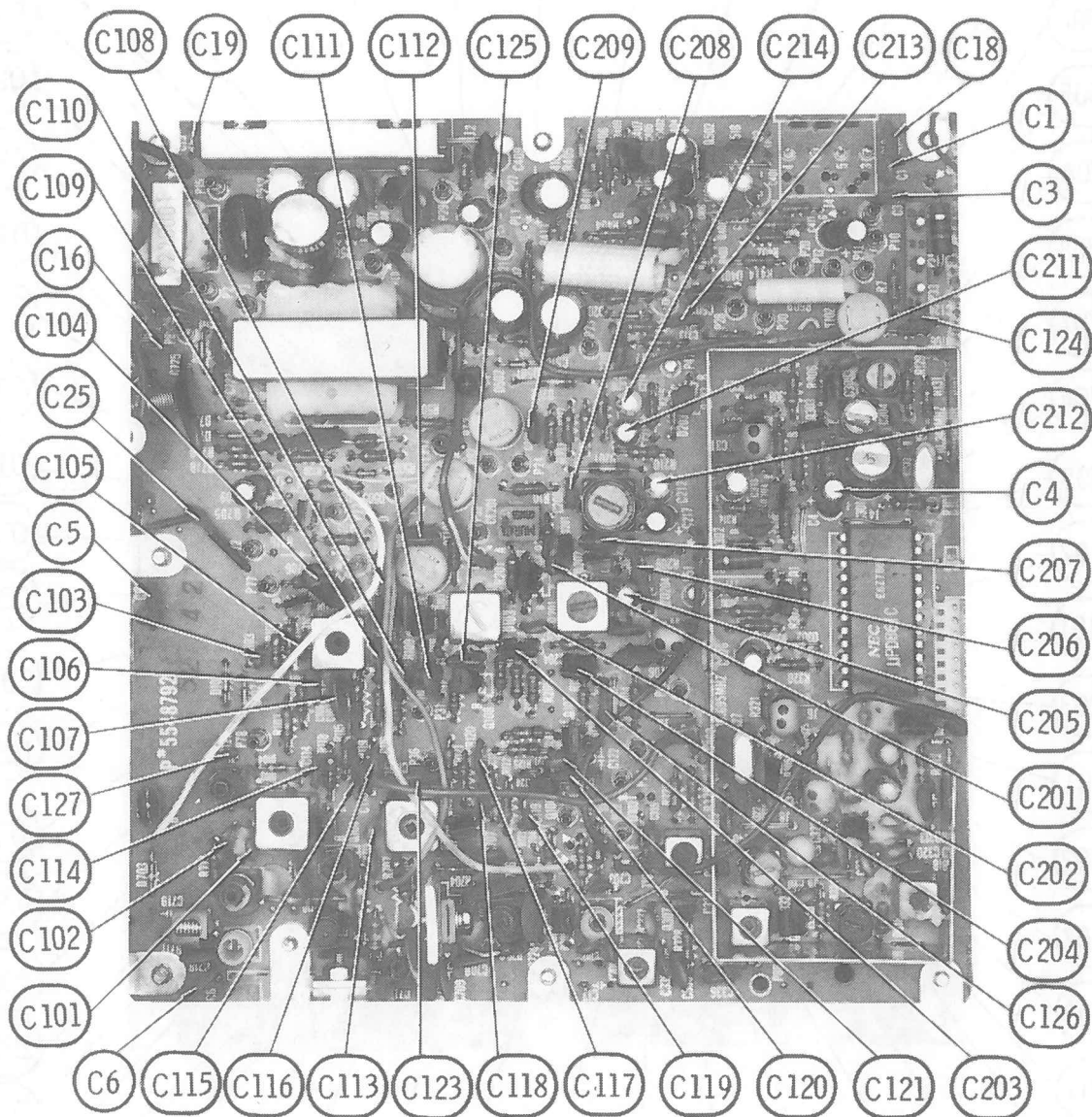
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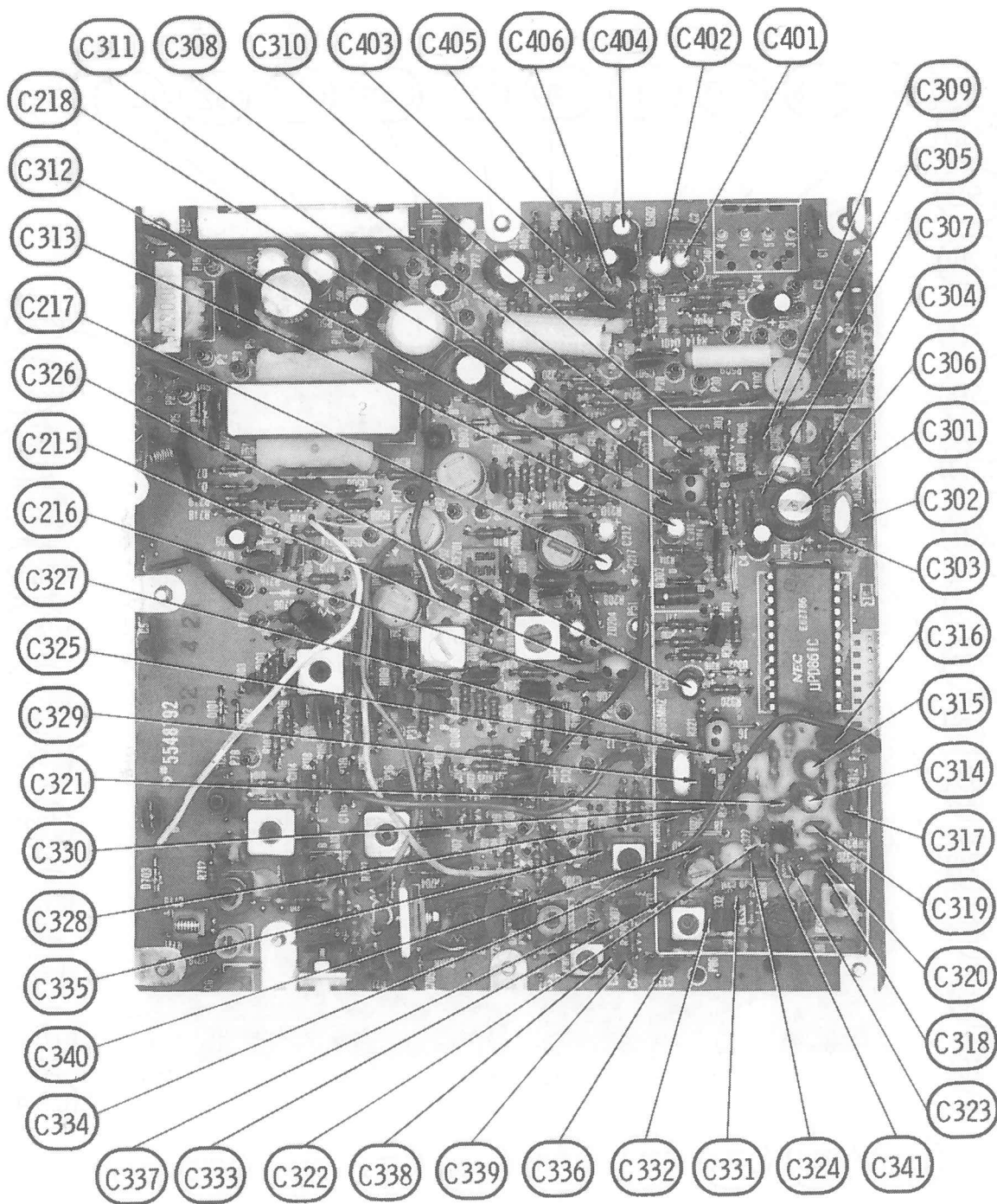
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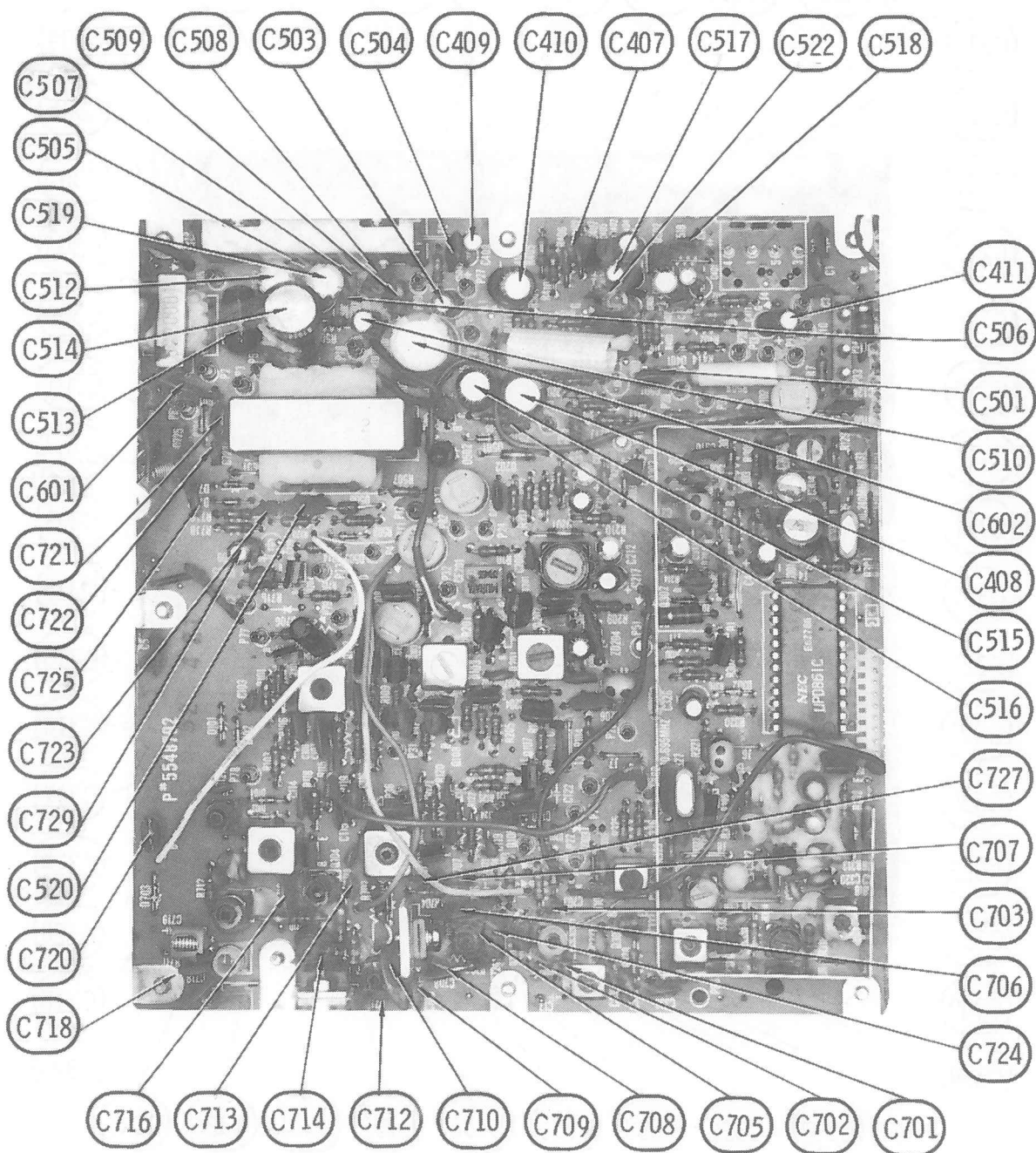
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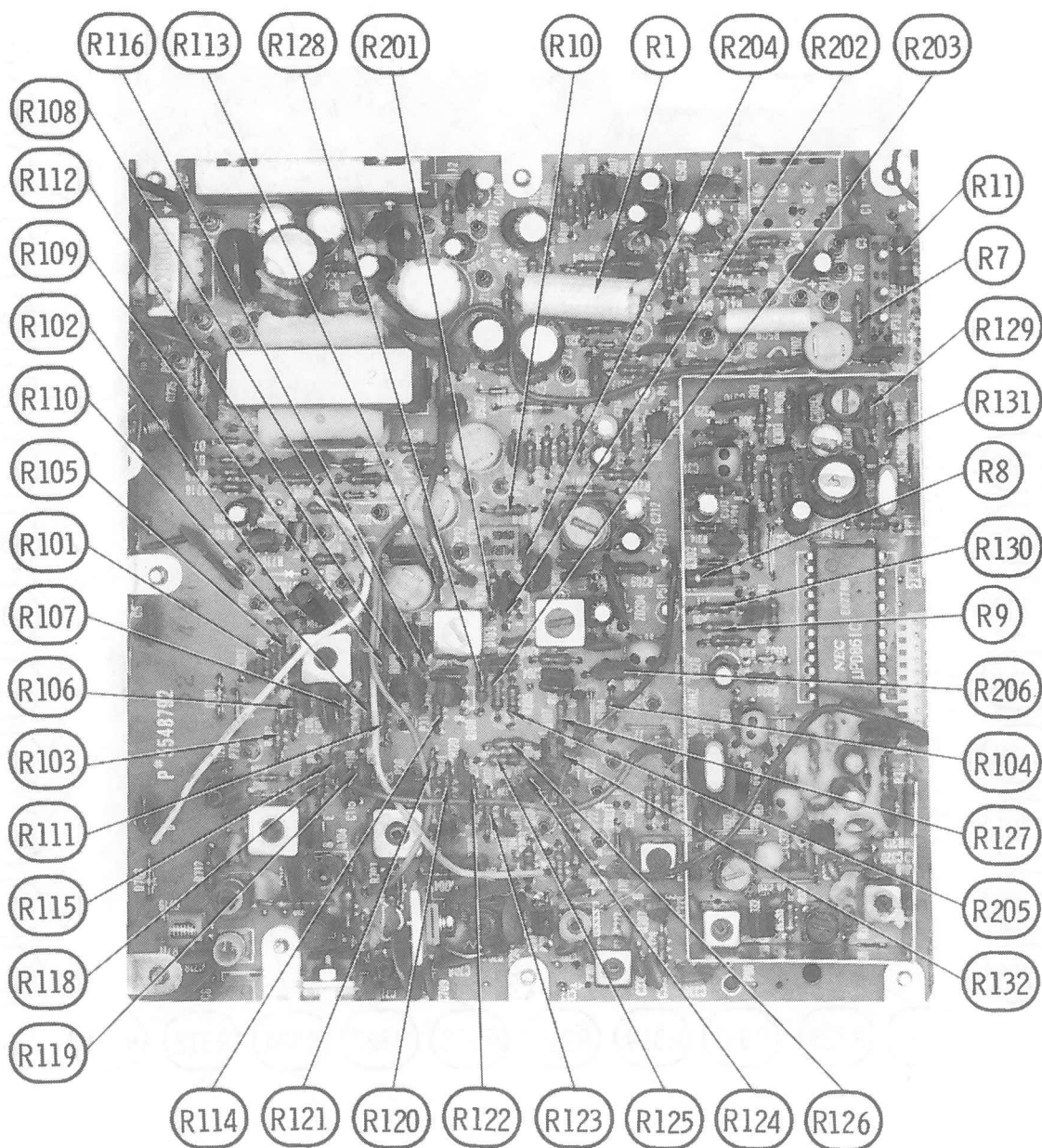
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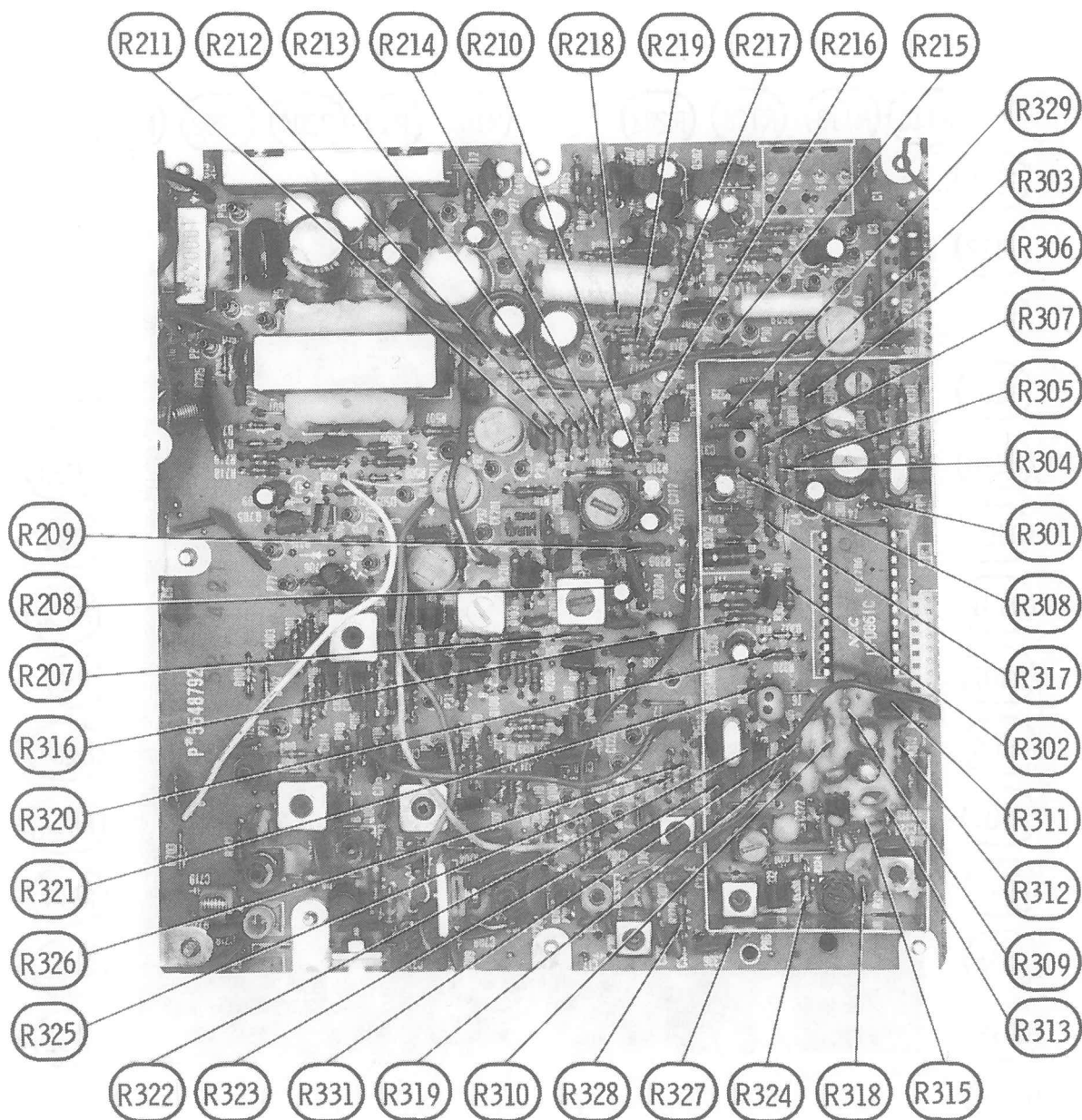
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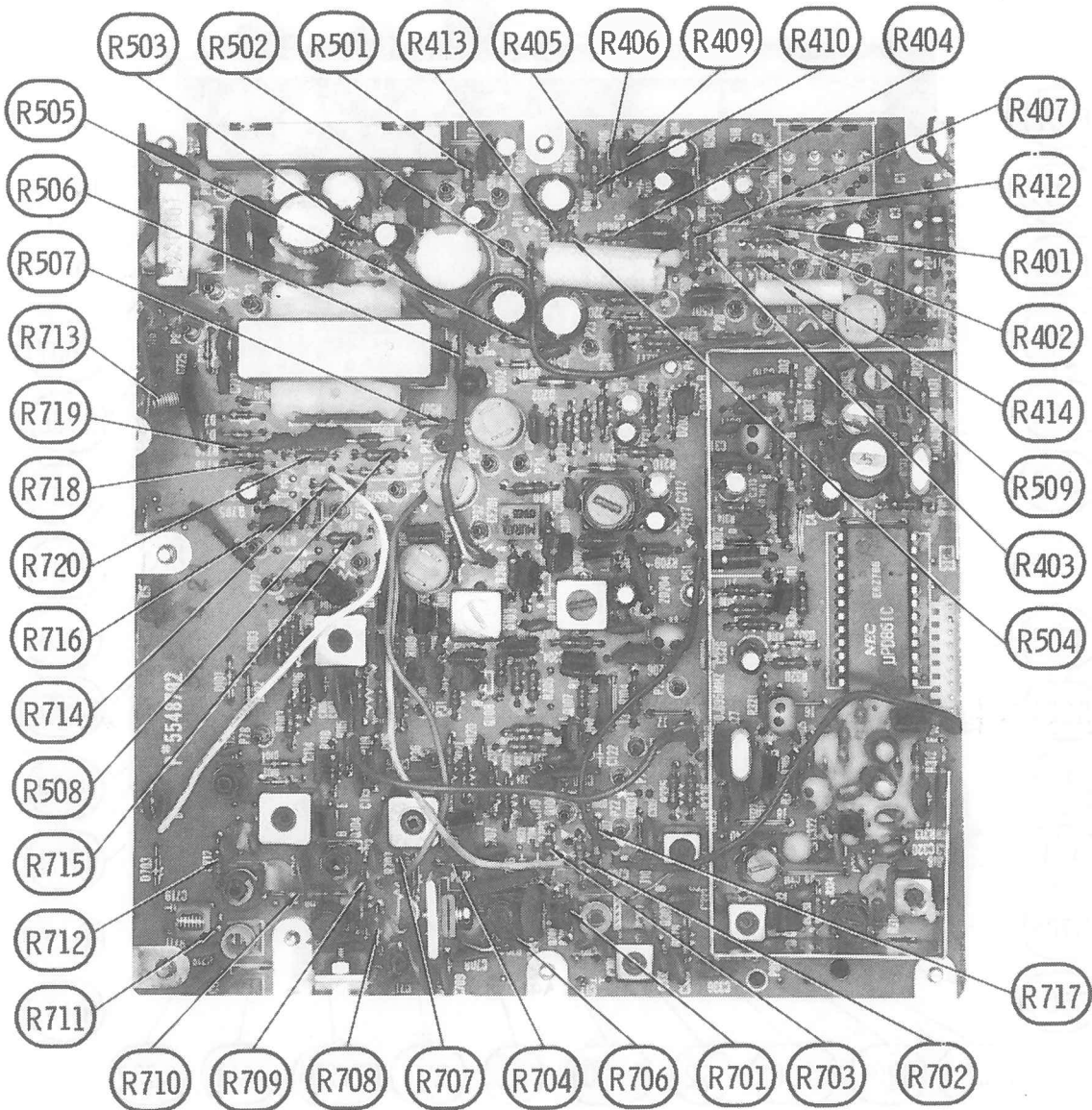
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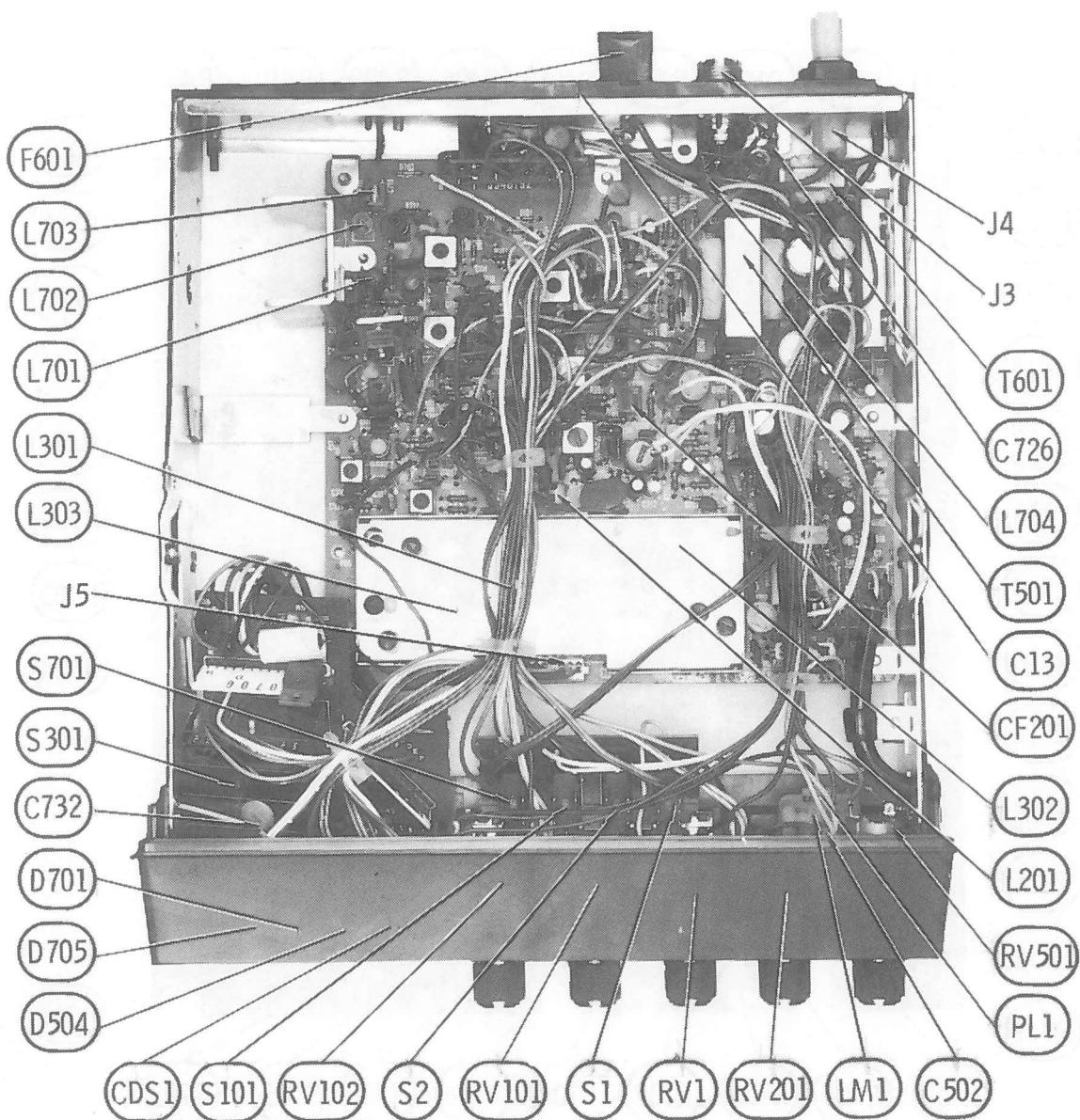
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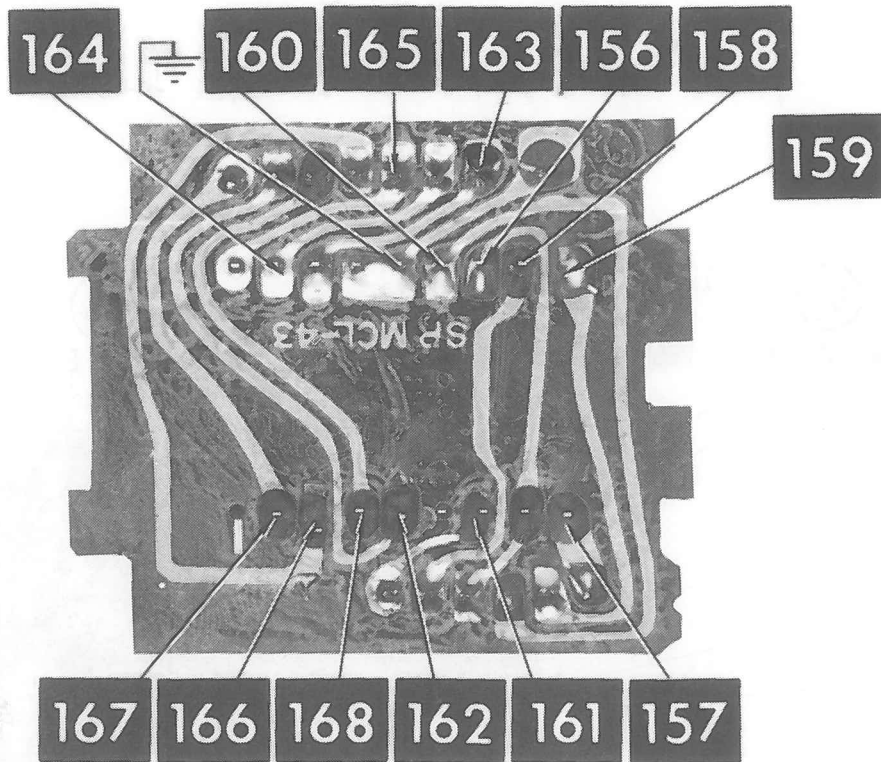
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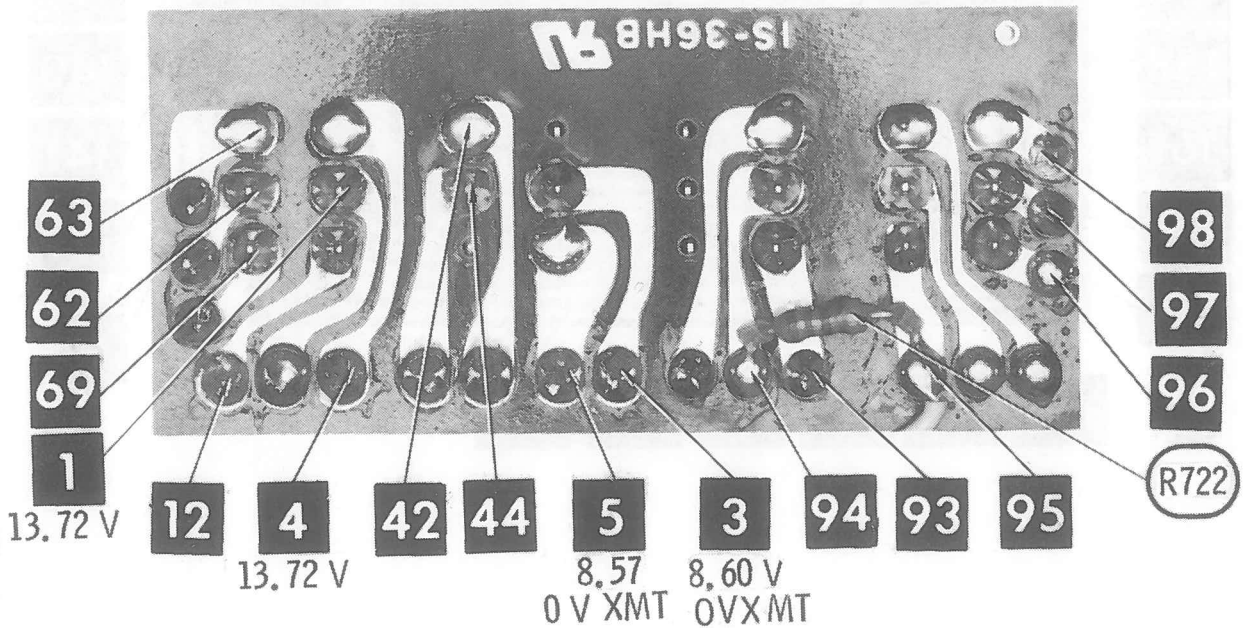
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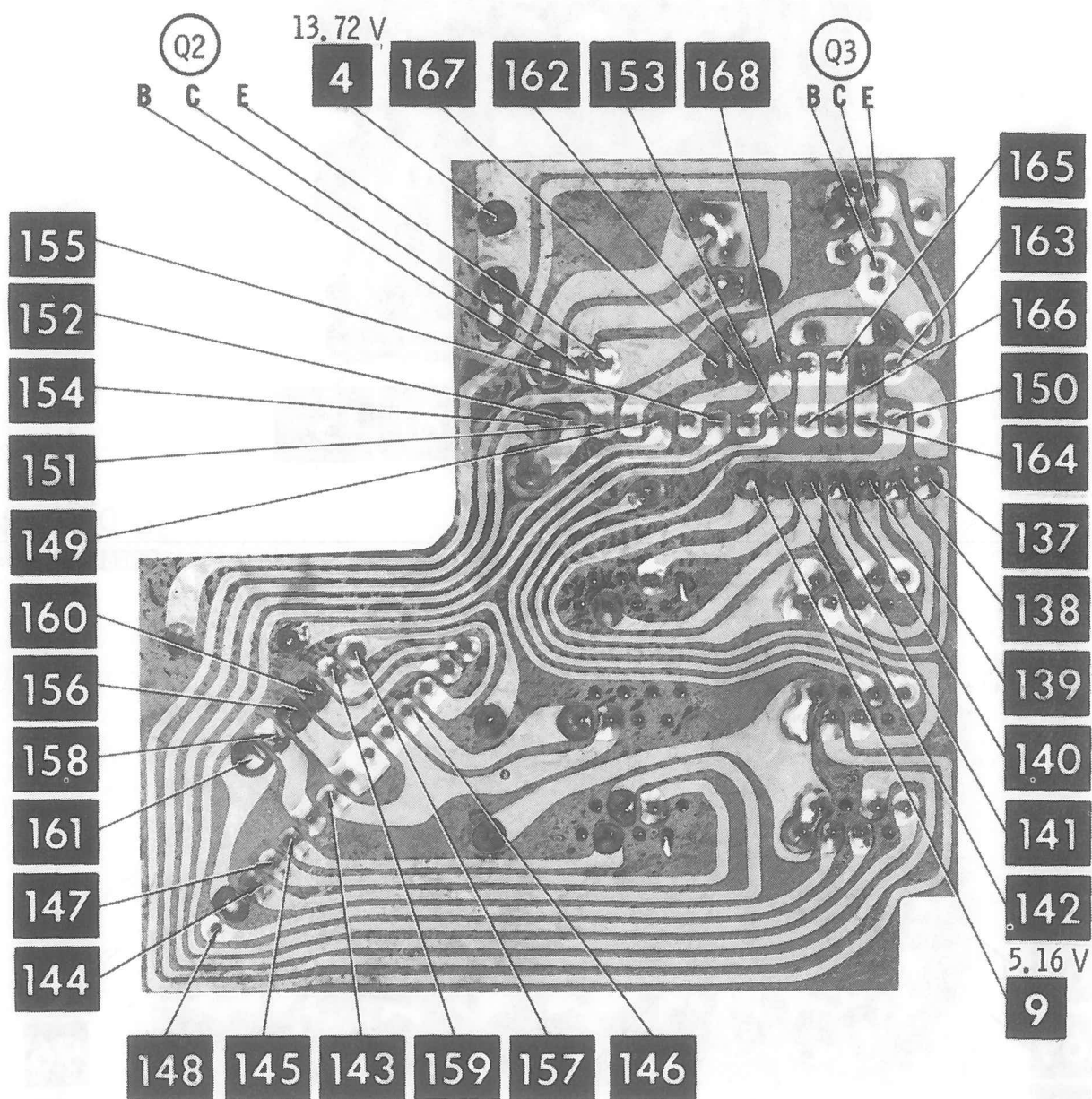
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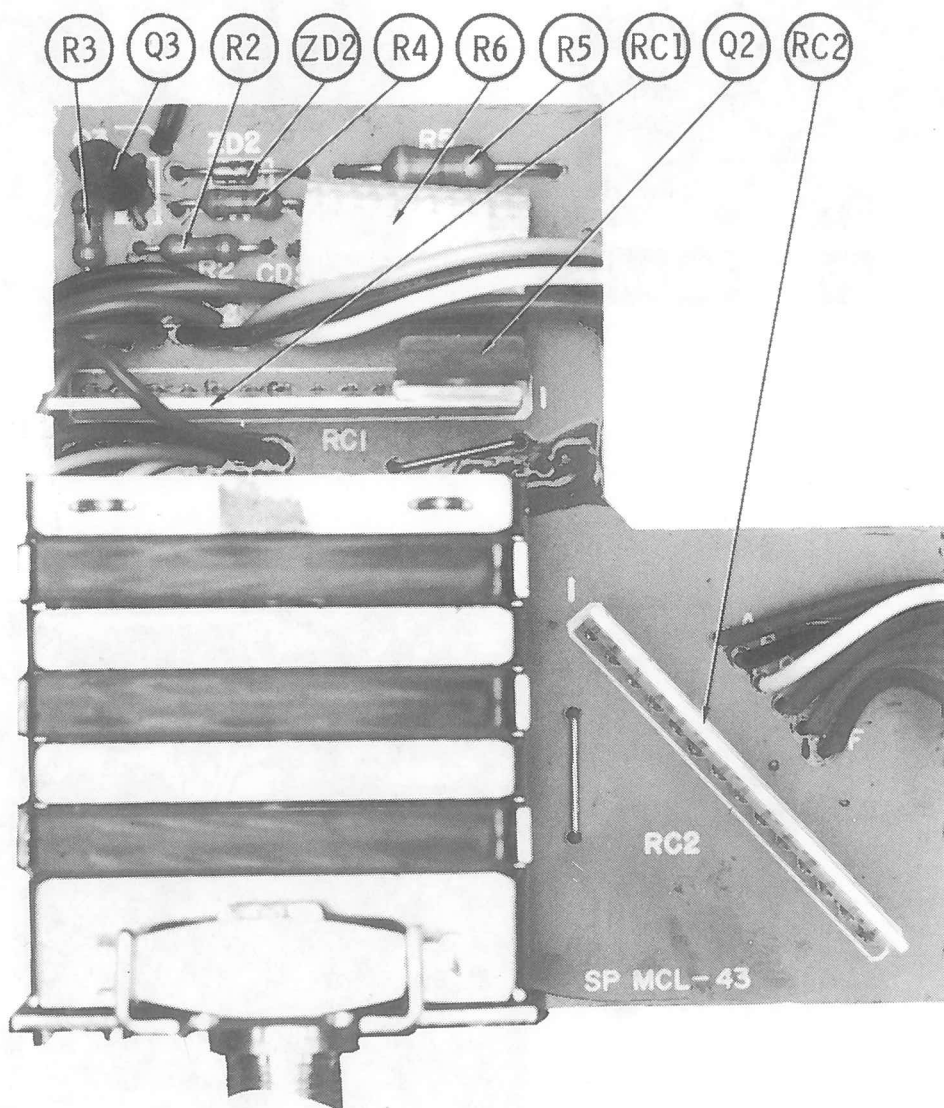
LED BOARD



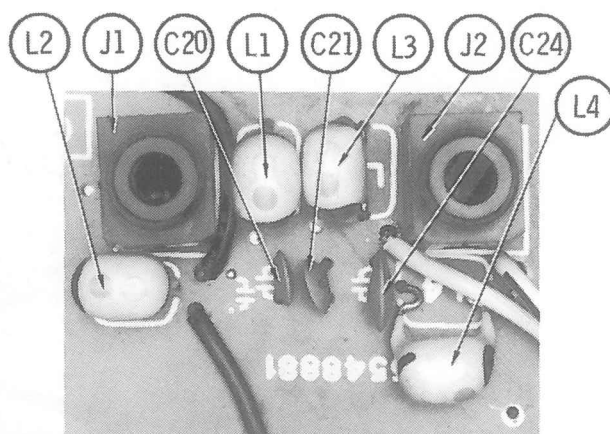
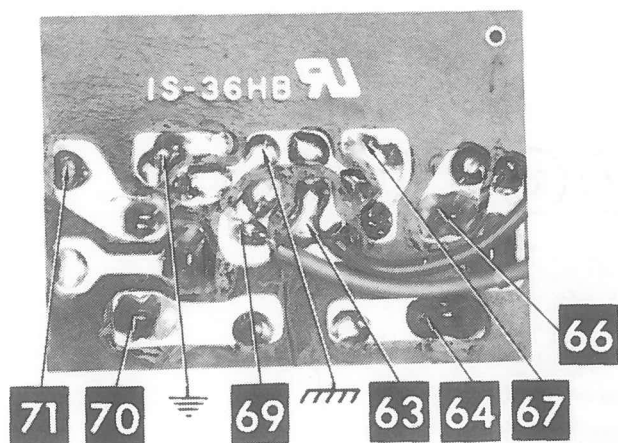
SWITCH BOARD



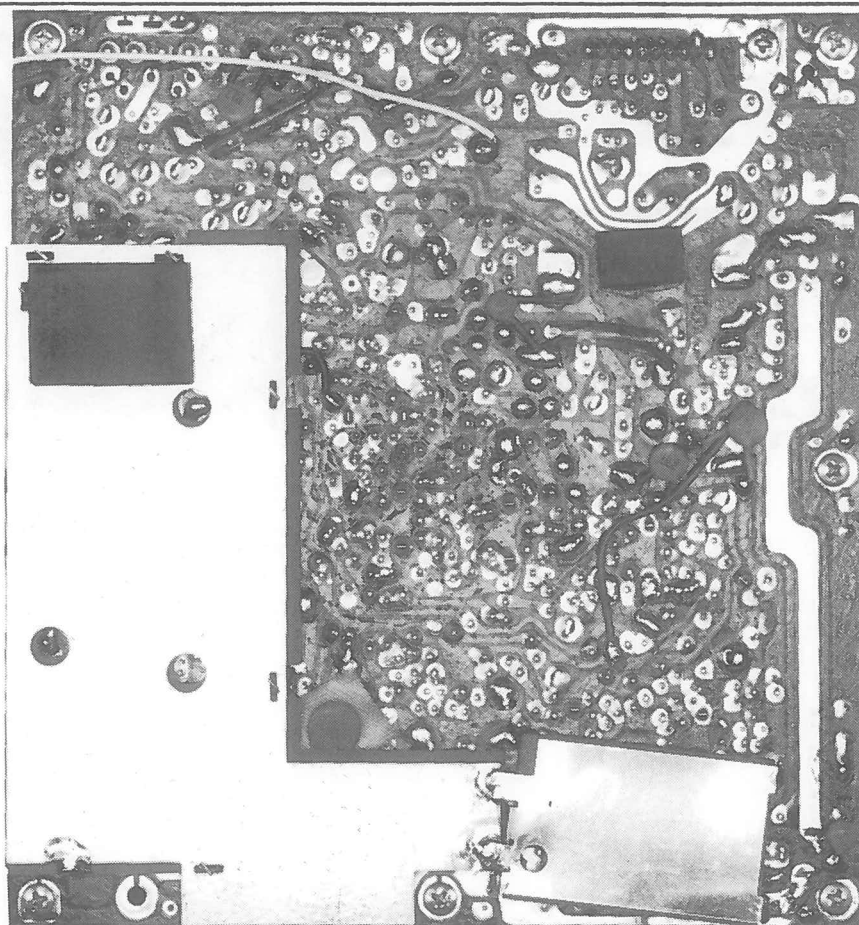
CH. SELECTOR BOARD



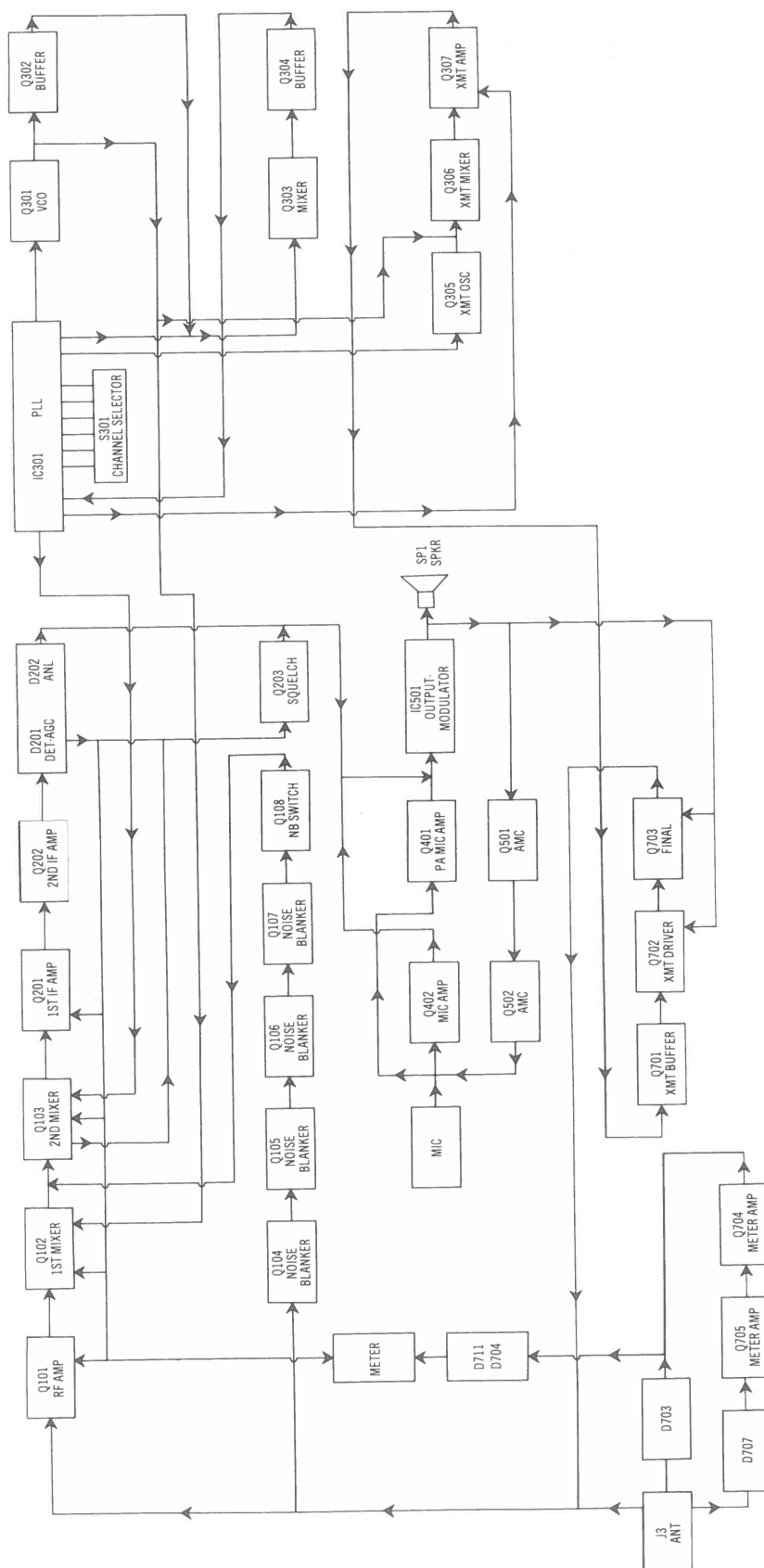
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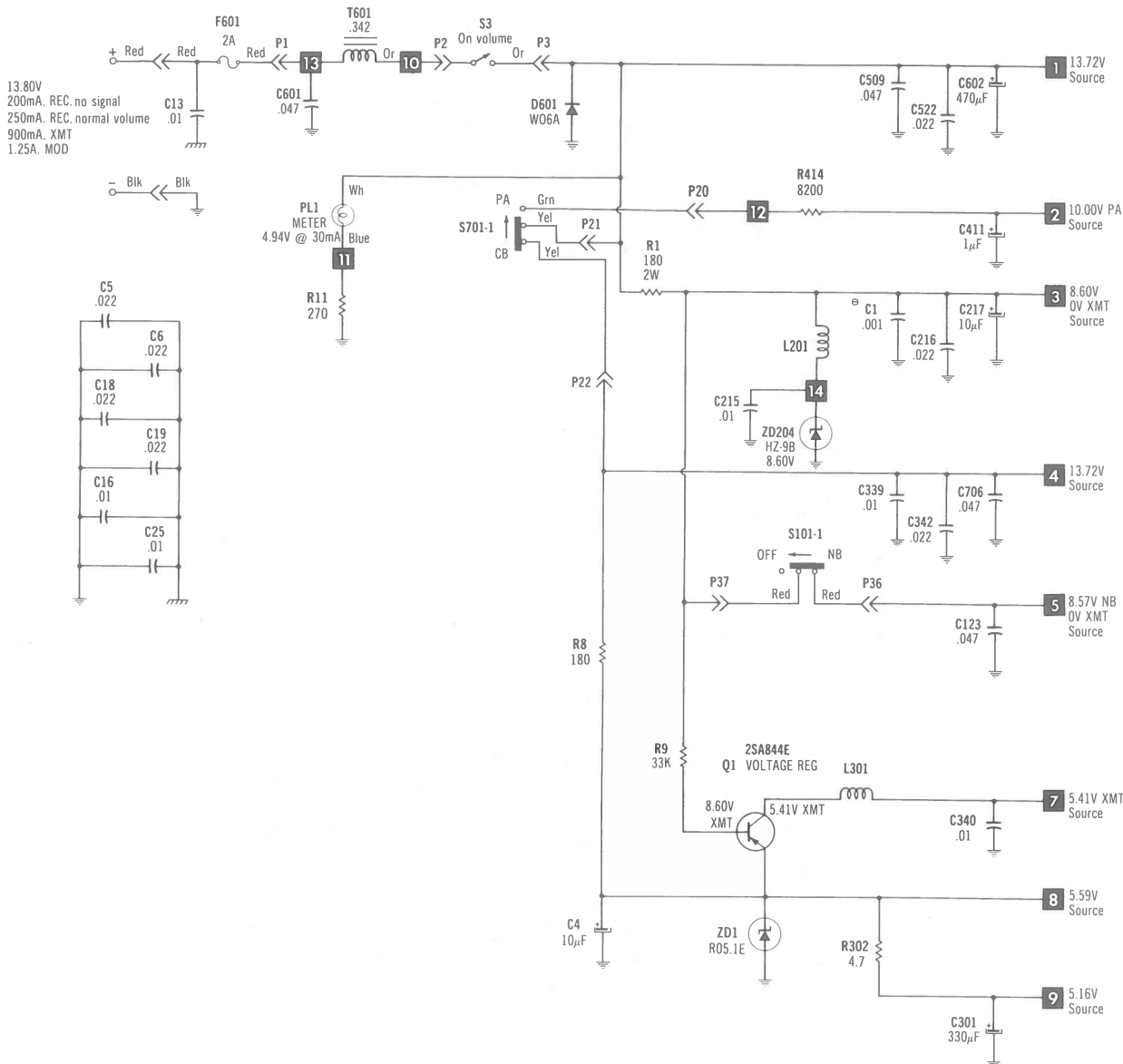
JACK BOARD



SHIELD LOCATION

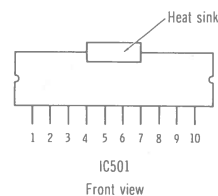
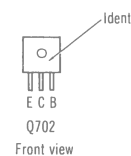
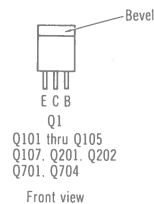
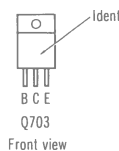


BLOCK DIAGRAM



- ✖ Circuitry not used in some versions
 - Circuitry used in some versions
 - ⊙ See parts list
 - ⊗ Nominal value
 - ⊕ Ground
 - ⏏ Chassis
 - ▽ Common tie point
 - Signal path
 - ⏏ Voltage path
- 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.

Terminal Guides

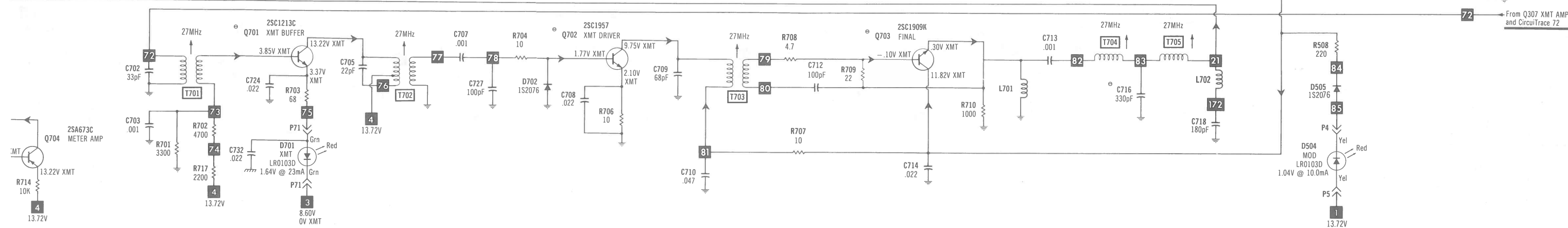
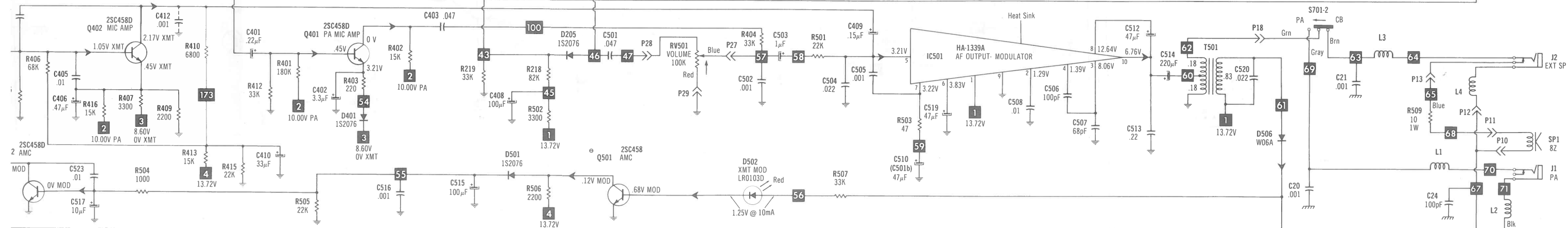
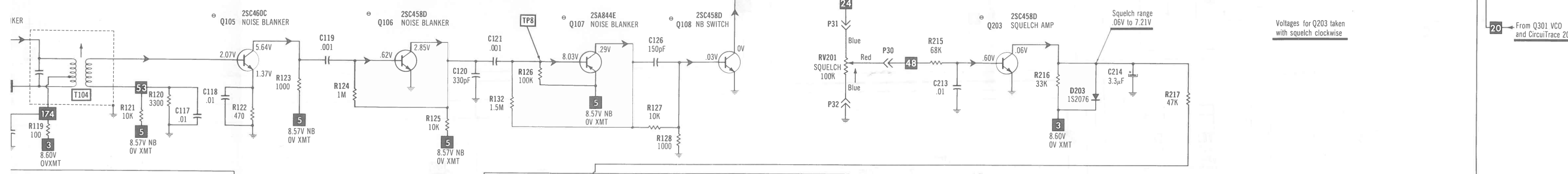
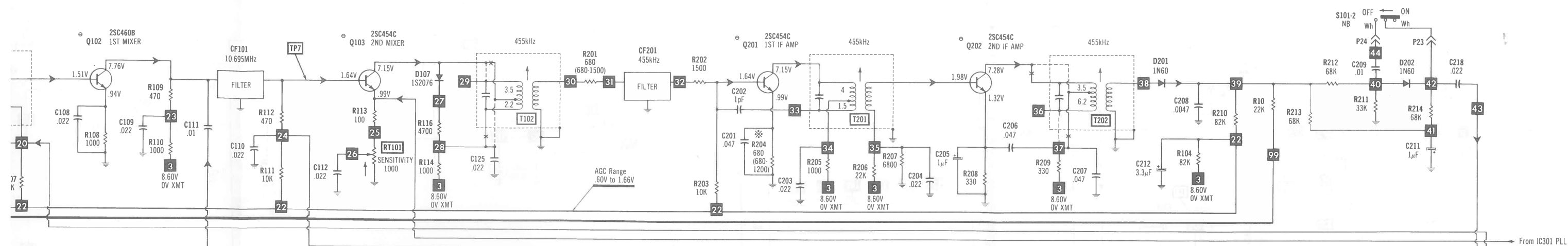


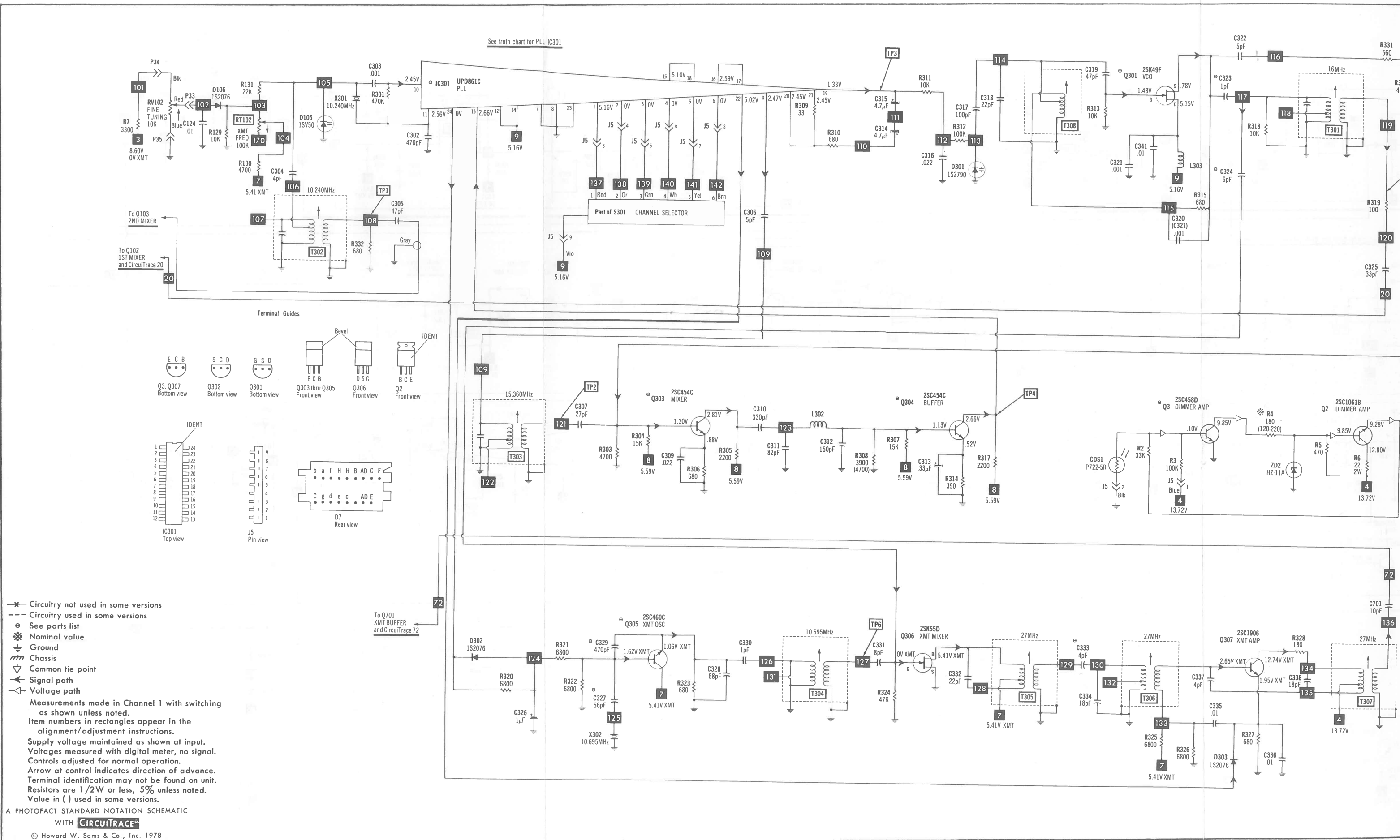
A PHOTOFACT STANDARD NOTATION SCHEMATIC

WITH **CIRCUITRACE®**

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PARTS LIST AND DESCRIPTION

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

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA										ZENITH PART No.
			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.		
J101	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430	
	1N60	0575005	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134		
J102	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
J103	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-453 ZEN-453	
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
J104	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
J105	1SV50	5330852	GE-90	PTC214	HEPR2503	REN 614	HEPR2503	RT-262	ECG614	1N4148	WEP200	ZEN-430 ZEN-430	
	1SV68	5330131	GE-90	PTC214	HEPR2503	REN 614	SK3100	RT-262	ECG614	1N4148	WEP200		
D106	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D107	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430 ZEN-430	
D201	1N60	0575005	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134		
D202	1N60	0575005	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134		
D203	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	103-281	
D205	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D301	1S2790	5330661	GE-514	PTC214	HEPR0602	REN 614	SK3126	RT-218	ECG613	1N4148	WEP925		
D302	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	212-76 212-76	
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D303	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D401	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	212-76 212-76	
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D501	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D505	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	921-1009 921-1009 921-1009 121-29000* 121-29000* 121-972 121-722 121-722 ZEN-120 ZEN-114 ZEN-114 WEP736* 121-29000* 121-29000* 121-972	
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D506	W06A	5330341	GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156		
D601	W06A	5330341	GE-504A	PTC201	HEPR0052	REN 116	SK3030	RT-213	ECG116	1N4004	WEP156		
D702	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	921-1009 921-1009 921-1009 121-29000* 121-29000* 121-972 121-722 121-722 ZEN-120 ZEN-114 ZEN-114 WEP736* 121-29000* 121-29000* 121-972	
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D703	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D704	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	921-1009 921-1009 921-1009 121-29000* 121-29000* 121-972 121-722 121-722 ZEN-120 ZEN-114 ZEN-114 WEP736* 121-29000* 121-29000* 121-972	
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D707	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D708	1S2076	5330131	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430	
	1S2076-TF1	5330133	GE-514	PTC214	HEPR0602	REN 177	SK3100	RT-218	ECG519	1N4148	WEP925		
D711	1N60	0575005	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	1N60	WEP134		
IC301	UPD861C	5359262	GEIC-64	PTC103*	HEPS0019*	REN 129*	SK3708	RT-126A*	ECG1169	25C1061	WEP60*		
	MPD861C	5350491	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	25C1061	WEP60*		
	HD42851	5321253	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	25C1061	WEP60*		
	MPD861CE	5321253	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	25C1061	WEP60*		
IC501	HA1339A	5350491	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	25C1061	WEP60*	921-1009 921-1009 921-1009 121-29000* 121-29000* 121-972 121-722 121-722 ZEN-120 ZEN-114 ZEN-114 WEP736* 121-29000* 121-29000* 121-972	
Q1	25A844E	5321253	GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	25C1061	WEP745		
	25A844	5321061B	GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	25C1061	WEP745		
	25C1061B	5320671	GE-66	PTC154	HEPS3061	REN 152	SK3054	RT-197	ECG152	25C1061	WEP745		
Q3	25C1061B-T	5320671	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458		
	25C458D	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458		
	25C458	5320064	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	25C460	WEP736*		
	25C1740	5320064	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460		
Q101	25C460C	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460		
	25C460	0573487	GE-20	PTC136*	HEPS0015*	RE 13*	SK3444	RT-107A*	ECG123A*	25C460	WEP736		
Q102	25C460B	0573486	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460		
	25C460	0573486	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460		
	25C1739	0573486	GE-20	PTC136*	HEPS0015*	RE 13*	SK3444	RT-107A*	ECG123A*	25C460	WEP736		
Q103	25C454C	0573492	GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289	25C454	WEP454		
	25C454	0573492	GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289	25C454	WEP454		
	25C839	0573487	GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	25C839	WEP736*		
Q104	25C460C	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460		
	25C460	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460		
	25C1739	0573487	GE-20	PTC136*	HEPS0015*	RE 13*	SK3444	RT-107A*	ECG123A*	25C460	WEP736		
Q105	25C460C	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460		
	25C460	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460		
	25C1739	0573487	GE-20	PTC136*	HEPS0015*	RE 13*	SK3444	RT-107A*	ECG123A*	25C460	WEP736		
Q106	25C458D	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458		
	25C458	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458		
	25C1740	5321253	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	25C458	WEP736*		
Q107	25A844E	5321253	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	25C458	WEP60*		
	25A844	5321061B	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	25C458	WEP60*		
	25C458D	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458		
	25C458	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458		
	25C1740	5320064	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	25C458	WEP736*		
Q201	25C454C	0573492	GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289	25C454	WEP454		
	25C454	0573492	GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289	25C454	WEP454		
	25C839	0573492	GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	25C839	WEP736*		

PARTS LIST AND DESCRIPTION (CONTINUED)

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

SEMICONDUCTORS (Select replacement transistor for best results) (cont)

ITEM No.	TYPE No.	MFR. 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.
Q202	25C454C	0573492	GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289	25C454	WEP454	ZEN-114
	25C454		GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289			
	25C839		GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*			
	25C458D		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
Q203	25C458	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458	121-29000
	25C1740		GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*			
	25K49F		GE-FET-2	PTC161	HEPF0021	REN 132	SK3448	RT-175	ECG312			
	25K49		GE-FET-2	PTC161	HEPF0021	REN 132	SK3448	RT-175	ECG312			
Q301	25K54	5321422	GE-FET-2	PTC161	HEPF0021	REN 132	SK3448	RT-175	ECG312			
	25K68A		GE-FET-1	PTC151	HEPF0010	REN 133	SK3112	RT-176	ECG133			
	25K68		GE-FET-1	PTC151	HEPF0010	REN 133	SK3112	RT-176	ECG133			
	25K106		GE-FET-1	PTC151	HEPF0010	REN 133	SK3112	RT-176	ECG133			
Q302	25K68L	5321501	GE-FET-1	PTC151	HEPF0010	REN 133	SK3112	RT-176	ECG133	25C454	WEP454	ZEN-114
	25C454C		GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289			
	25C454		GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289			
	25C839		GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*			
Q303	25C454C	0573492	GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289	25C454	WEP454	ZEN-114
	25C454		GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289			
	25C839		GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*			
	25C454C		GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289			
Q304	25C839	0573492	GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289	25C454	WEP454	ZEN-114
	25C454C		GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289			
	25C839		GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*			
	25C460C		GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107			
Q305	25C460	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	25C460	WEP460	121-722
	25C1739		GE-20	PTC136*	HEPS0015*	RE 13*	SK3444	RT-107A*	ECG123A*			
	25K55D		GE-FET-2	PTC161	HEPF0021	REN 132	SK3448	RT-175	ECG312			
	25K55		GE-FET-2	PTC161	HEPF0021	REN 132	SK3448	RT-175	ECG312			
Q307	25C1906	5321431	GE-86	PTC132*	HEPS0016*	REN 108*	SK3039*	RT-113*	ECG108*	25C454*	WEP56*	ZEN-104
	25C458D		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C458		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C1740		GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*			
Q401	25C458D	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458	121-29000
	25C458		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C1740		GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*			
	25C458D		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
Q402	25C458	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458	121-29000
	25C1740		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C458D		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C458		GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*			
Q501	25C1740	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458	121-29000
	25C458D		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C458		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C1740		GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*			
Q502	25C458D	5320064	GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289	25C458	WEP458	121-29000
	25C458		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C1740		GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*			
	25C1213C		GE-268	PTC123*	HEPS0014*	REN 289	SK3024*	RT-134	ECG289			
Q701	25C1213	5320613	GE-268	PTC123*	HEPS0014*	REN 289	SK3024*	RT-134	ECG289	25C454	WEP910	121-1014
	25C454		GE-210*	PTC115*	HEPS0015*	REN 289	SK3018*	RT-187	ECG289			
	25C1739		GE-20	PTC136*	HEPS0015*	RE 13*	SK3444	RT-107A*	ECG123A*			
	25C1957 (11)		GE-270	PTC180	HEPS3044	REN 295	SK3197		ECG295			
Q703	25C2091	(12)	GE-270	PTC180		REN 295			ECG295	25C1306	WEP913	
	25C1909K		GE-215	PTC186		REN 235	SK3197	RT-146	ECG235			
	25C1909		GE-215	PTC186		REN 235	SK3197	RT-146	ECG235			
	25C2092		GE-337	PTC186		REN 235	SK3197	RT-146	ECG235			
Q704	25A673C	5320593	GE-269	PTC103*	HEPS0026*	REN 290	SK3114	RT-115*	ECG290	25C1306	WEP785	
	25A673		GE-269	PTC103*	HEPS0026*	REN 290	SK3114	RT-115*	ECG290			
	25C458D		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C458		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
Q705	25C1740	5320064	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	25C458	WEP458	121-29000
	25C458D		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C458		GE-210*	PTC121*	HEPS0009*	REN 123A*	SK3124	RT-187	ECG289			
	25C1740		GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*			
ZD1	RD5.1E		GEZD-5.1	ZM5.1A	HEPZ0211A		SK3056	RT-235	ECG5010	1N4733A	WEP1411	103-279-1
	ZD2		GEZD-10	ZM10B	REN 140	SK3061	RT-241	ECG5019				
	ZD204		GEZD-8.7	ZM8.7B	REN 5073				ECG5017			

* Lead configuration may vary from original.
 (11) 750 MM @ 1.0 A.
 (12) 10 W @ 3.0 A.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C4	10 16V	0256071	PC10-25	VTT10B25	QV1-41	EV-1222
C104	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615
C205	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615
C211	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615
C212	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-23	EV-1318
C214	3.3 25V	0252213	PC5-50	VTT3R3A50	QV1-23	EV-1318
C217	10 16V	0256071	PC10-25	VTT10B25	QV1-41	EV-1222
C301	330 6.3V	0256073	WBR300-35	VTT330G10	QV1-131	EV-1145
C313	.33 25V	0256530		TDC334M050EL	QDT1-14	SD50-R339
C314	4.7 25V	0252615	PC5-50	VTT4R7B50	QV1-27	EV-1319
C315	4.7 25V	0252615	PC5-50	VTT4R7B50	QV1-27	EV-1319
C326	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615
C401	.22 25V	0256529		TDC224M050EL	QDT1-10	SD50-R229
C402	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-23	EV-1318
C406	.47 25V	0256531		TDC474M050EL	QDT1-19	SD50-R479
C408	100 16V	0252531	PC100-16	VTT100F16	QV1-95	EV-1230
C409	.15 25V	0256528		TDC154M050EL	QDT1-6	SD50-R159
C410	33 25V	0252623	PC30-25	VTT33D25	QV1-63	EV-1325
C411	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615
C503	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615
C510	4.7 25V	0252615	PC5-50	VTT4R7B50	QV1-27	EV-1319
C512	47 16V	0252525	PC50-25	VTT47E25	QV1-75	EV-1326
C514	220 25V	0252632	PC250-25	VTT220K25	QV1-119	EV-1340
C515	100 10V	0252231	PC100-10	VTT100E10	QV1-93	EV-1130
C517	10 16V	0256071	PC10-25	VTT10B25	QV1-41	EV-1222
	4.7		PC50-25	VTT47E25	QV1-75	EV-1326
C519	47 16V	0252525	PC5-50	VTT4R7B50	QV1-27	EV-1319
C602	470 16V	0252535	PC500-16	VTT470K16	QV1-151	EV-1250
C729	10 16V	0256071	PC10-25	VTT10B25	QV1-41	EV-1222

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS

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
C1	.001	0248646	DD-102G	GP1000	GP210	QC2-81	5GA-D10
C3	68 10%		DD-680	GP68	GP468		10TS-Q68
C5	.022		DC-253	MGP025	TA125		TG-S25
C6	.022		DC-253	MGP025	TA125		TG-S25
C13	.01		UK50-103		MAG5011		
C16	.01		UK50-103		MAG5011		
C18	.022		DC-253	MGP025	TA125		TG-S25
C19	.022		DC-253	MGP025	TA125		TG-S25
C20	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C21	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C24	100 10%		DD-101	GP100	GP310		10TS-T10
C25	.01		UK50-103		MAG5011		
C101	10 +1		DTZ-10	NP010	CN0410		10TCC-Q10
C102	15 10%		DTZ-15	NP015	CN0415		10TCC-Q15
C103	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C105	6 +.5						
C106	.0T		UK50-103		MAG5011		
C107	220 10%		DD-221		GP322		10TS-T22
C108	.022		DC-253	MGP025	TA125		TG-S25
C109	.022		DC-253	MGP025	TA125		TG-S25
C110	.022				M192P2239R8	QFT2-127	1FT-S22
C111	.01		UK50-103		MAG5011		
C112	.022				M192P2239R8	QFT2-127	1FT-S22
C113	1 +.5				CN0510		10TCC-V10
C114	.0T		UK50-103		MAG5011		
C115	.01		UK50-103		MAG5011		
C116	.01		UK50-103		MAG5011		
C117	.01		UK50-103		MAG5011		
C118	.01		UK50-103		MAG5011		
C119	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C120	330 10%		DD-331	GP330	GP333		10TS-T33
C121	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C123	.047		UK50-503		MAG5015		
C124	.01		UK50-103		MAG5011		
C125	.022		DC-253	MGP025	TA125		TG-S25
C126	150 10%	0248644	DD-151		GP315		10TS-T15
C127	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C128	.01		UK50-103		MAG5011		
C201	.047			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C202	1 +.5				CN0510		10TCC-V10
C203	.022				M192P2239R8	QFT2-127	1FT-S22
C204	.022				M192P2239R8	QFT2-127	1FT-S22
C206	.047		UK50-503		MAG5015		
C207	.047			DPMS2S47	EWFI1A147	QFT-171	1FT-S47
C208	.0047		DD-472	GP4700	GP247		5GA-D47
C209	.01			WMF1S1	EWFI1A110	QFT2-91	1FT-S10
C213	.01		UK50-103		MAG5011		
C215	.01		UK50-103		MAG5011		
C216	.022		DC-253	MGP025	TA125		TG-S25
C218	.022		DC-253	MGP025	TA125		TG-S25
C302	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C303	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C304	4 +.5						
C305	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C306	5 +.5						
C307	27 10%				CN0427		10TCC-Q27
C308	5 +.5						
C309	.022				M192P2239R8	QFT2-127	1FT-S22
C310	330 10%		DD-331	GP330	GP333		10TS-T33
C311	82 10%		DD-820		GP482		10TS-Q82
C312	150 10%		DD-151		GP315		10TS-T15
C316	.022				M192P2239R8	QFT2-127	1FT-S22
C317	100 10%		DD-101	GP100	GP310		10TS-T10
C318	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C319	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C320	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C321	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C322	5 +.5	0248645					
C323	1 +.25						
C324	6 +.5						
C325	33 10%		DTZ-33	NP033	CN0433		10TCC-Q33
C327	56 10%	0248648	DD-560		GP456		10TS-Q56
C328	68 10%		DD-680	GP68	GP468		10TS-Q68
C329	470 10%		DD-471	GP470	GP347		10TS-T47
C330	1 +.5				CN0510		10TCC-V10
C331	8 +.5	0248378			*		10TCT-Q22
C332	22 N470 10%				*		10TCT-Q18
C333	4 +.5				*		10TCT-Q18
C334	18 N470 10%				*		10TCT-Q18
C335	.01	0248376	UK50-103		MAG5011		
C336	.01		UK50-103		MAG5011		
C337	4 +.5				*		10TCT-Q18
C338	18 N470 10%				*		10TCT-Q18
C339	.01	0248376	UK50-103		MAG5011		
C340	.01		UK50-103		MAG5011		
C341	.01		UK50-103		MAG5011		
C342	.022		DC-253	MGP025	TA125		TG-S25
C403	.047	0248376		DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C405	.01			WMF1S1	EWFI1A110	QFT2-91	1FT-S10
C407	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C412	.001						
C501	.047	0248376		DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C502	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10

SEARS MODEL 934.38120700

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
C504	.022				M192P2239R8	QFT2-127	1FT-S22
C505	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C506	100 10%		DD-101	GP100	GP310		10TS-T10
C507	68 10%		DD-680	GP68	GP468		10TS-Q68
C508	.01			WMF1S1	EWFA1A110	QFT2-91	1FT-S10
C509	.047			DPMS2S47	EWFA1A147	QFT2-171	1FT-S47
C513	.22			DPMS2P22	EWFA022	QFT2-253	1FT-P22
C516	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C518	.01			WMF1S1	EWFA1A110	QFT2-91	1FT-S10
C520	.022		DC-253	MGP025	TA125		TG-S25
C522	.022		DC-253	MGP025	TA125		TG-S25
C523	.01		UK50-103		MAG5011		
C601	.047		UK50-503		MAG5015		
C701	10 +1		DTZ-10	NP010	CN0410		10TCC-Q10
C702	33 5%		DTZ-33	NP033	CN0433		10TCC-Q33
C703	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C705	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C706	.047		UK50-503		MAG5015		
C707	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C708	.022		DC-253	MGP025	TA125		TG-S25
C709	68 10%		DD-680	GP68	GP468		10TS-Q68
C710	.047		UK50-503		MAG5015		
C712	100 10%		DD-101	GP100	GP310		10TS-T10
C713	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C714	.022		DC-253	MGP025	TA125		TG-S25
C716	330 10%		DD-331	GP330	GP333		10TS-T33
C718	180 10%		DD-181		GP318		10TS-T18
C719	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
	100 10%		DD-101	GP100	GP310		10TS-T10
C720	.047			DPMS2S47	EWFA1A147	QFT2-171	1FT-S47
C721	.047			DPMS2S47	EWFA1A147	QFT2-171	1FT-S47
C722	.0047			GP4700	GP247		5GA-D47
C723	.01		DD-472		MAG5011		
C724	.022		UK50-103		TA125		TG-S25
C725	120 10%		DC-253	MGP025	CN0312		10TCC-T12
C726	120 10%		DTZ-120		CN0312		10TCC-T12
C727	100 10%		DD-101	GP100	GP310		10TS-T10
C731	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C732	.022		DC-253	MGP025	TA125		TG-S25
C733	.01		UK50-103		MAG5011		

*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.
RT1	S Meter	47K	0151888			U260R503B
RT2	RF Meter	47K	0151888			U260R503B
RT101	Sensitivity	1000	0151883			U260R102B
RT102	XMT Frequency	100K	0151889			U260R104B
RV1	SWR/CAL	20K	0151397			
RV101	RF Gain	5000	5000333			
RV102	Fine Tune	10K	0151450			
RV201	Squelch	100K	5000168			
RV501	Volume/Switch	100K	5003144			

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFR. PART No.			WORKMAN PART No.	MFR. PART No.
CDS1	LDR		5380191	RC2	Resistor Network		5068073
RC1	Resistor Network		5068073				

PARTS LIST AND DESCRIPTION (CONTINUED)

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

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	RF Choke (4.7uH)	5152126			
L2	RF Choke (4.7uH)	5152126			
L3	RF Choke (4.7uH)	5152126			
L4	RF Choke (4.7uH)	5152126			
L201	RF Choke (12uH)	5152075			
L301	RF Choke (10uH)	5152074			
L302	RF Choke (100uH)	5152087			
L303	RF Choke (150uH)	5152089			
L701	RF Choke (2.2uH)	5150712		74F226AP	
L702	RF Choke	5126484			
L703	RF Choke (.33uH)	5150072			
L704	Pi Filter (.33uH)	5150073			
T101	Mixer (27MHz)	5120099		CBS723-TC	
T102	IF (455kHz)	0322116			
T103	Noise Blanker (27MHz)	5120099		CBS723-TC	
T104	Noise Blanker (27MHz)	5120099		CBS723-TC	
T105	Rec RF (27MHz)	5126372			
T201	IF (455kHz)	0322146			
T202	IF (455kHz)	5132031		8518	
T301	VCO Buffer (16.270MHz)	5123441			
T302	PLL (10.240MHz)	5123444			
T303	Mixer	5123443			
T304	IF (10.695MHz)	5123442			
T305	XMT Buffer (27MHz)	5123431			
T306	XMT Amp (27MHz)	5123432			
T307	XMT Amp (27MHz)	5123431			
T308	VCO	5123432			
T701	XMT Buffer (27MHz)	5126376			
T702	XMT Buffer (27MHz)	5123375			
T703	XMT Driver (27MHz)	5126377			
T704	Final (27MHz)	5126378			
T705	Final (27MHz)	5126373			

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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.	
T601	1.25A	.342	4mH	5220001	TR548		

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T501	8	18	5250192			

SPEAKER

ITEM No.	TYPE		REPLACEMENT DATA		NOTES
			MFGR. PART No.	QUAM PART No.	
SP	3" PM	8 Ohms	5402521	30A05Z8R	

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
F601	2A Quick Acting	0591138	5722011	AGC2		312002		FG2-2

PARTS LIST AND DESCRIPTION (CONTINUED)

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

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC Lead Color →	Red	Shield	Yellow	Blue	White	Black
Mic	5421421	18-032	18-034	18-010	Orig Color →	White	Shield	Red	Black	NC	Shield

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF101	Filter	5160211	10.695MHz
CF102	Filter	5160011	455kHz
D7	LED	5310101	Channel Display (1.58 V @ 12.5mA)
D502	LED	5380182	XMT Mod (1.25V @ 10mA)
D504	LED	53801 2	Mod (1.04V @ 10mA)
D701	LED	5380054	XMT (1.64 V @ 23mA)
D705	LED	5380182	SWR Alert (1.69V @ 18.5mA)
LM1	Meter	5554151	S/Rf
PL1	Lamp	5760822	Meter (4.94V @ 30mA)
J1	Jack	5673101	PA
J2	Jack	5673101	External Speaker
J3	Jack	5675152	Antenna
S1	Switch	5634076	SWR
S2	Switch	5634076	CAL
S101	Switch	5634076	NB
S301	Switch	5612192	Channel Selector
S701	Switch	5634076	PA/CB
X301	Crystal	5780281	10.240MHz
X302	Crystal	5780282	10.695MHz
	Jack	5892751	Power

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

ITEM	PART No.	ITEM	PART No.
Button, Control	6259592	Knob, Channel	6286941
Cabinet Assembly	6138801	Knob, Control	6286951
Escutcheon	6242441		

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')