

PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

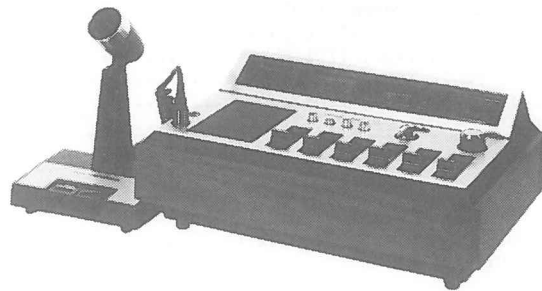
Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license.

(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 934.38310700

MANUFACTURER'S SPECIFICATIONS

These are average values except marked * items. * FCC limit.

Receiver

Frequency Coverage : All 40 CB Channels lower side band, upper side band, or AM.
26.965 to 27.405 MHz

Sensitivity : AM : 0.5 μ V for 10 dB S+N/N
SSB : 0.1 μ V

Selectivity : AM : 50 dB $\pm$ 10 kHz
SSB : 60 dB $\pm$ 5 kHz

IF Frequency : AM : 1st IF : 11.275 MHz
2nd IF : 455 kHz
SSB : 11.273 MHz

Audio Output : 4W (THD 10%)

Frequency Response : AM : 400-2000 Hz
SSB : 400-2000 Hz

Squelch : Adjustable from 0.5 μ V to 100 μ V

Transmitter

Frequency Coverage : All 40 CB Channels lower side band, upper side band, or AM.
26.965 to 27.405 MHz

Power Output : AM : Less than 4W*
SSB : Less than 12W (PEP)*

Emission : AM : 6A3
SSB : 3A3J

Modulation Capabilities : $\pm$ 85%

Spurious Radiation : Better than 60 dB*

Frequency Tolerance : 0.005%*

Antenna Impedance : 50 ohms

Current Drain (13.8 volt supply) : AM : 1300mA (unmodulated)
1600mA (full modulation)
SSB : 950mA (unmodulated)
2100mA (full modulation)

SEMICONDUCTORS : 5 IC's
48 Transistors
1 FET
88 Diodes

MICROPHONE : Dynamic

POWER REQUIREMENTS : AC : 120V, 60 Hz
DC : 13.8V positive or negative ground

DIMENSIONS : 5-3/8" (H) $\times$ 14-15/16" (W) $\times$ 9-7/16" (D)

WEIGHT : 13 lbs. 4 oz.

Courtesy of the Manufacturer

SEARS MODEL 934.38310700

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.
Adjust RT601 for 13.8-volts DC at TP19.
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 thru T103, T202 thru T204,
T401 thru T405, T701 thru T705.....9440
T406, T407, T408.....8282,9304,8728,8728A
T104, T105, T106, T201.....5009,8728,8728A
CT201, CT202, CT203, CT701, CT702.....5000,8276

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of frequency counter to TP11 (IC701 Pin 4).	Ch. 19		Check for 10.240MHz.
Input of DC meter to TP5.	Ch. 1	T702	Adjust for 2.30 volts. Check for approximately 1.30 volts on Channel 40.
Input of oscilloscope to TP12 (HP3 Pin 2).	Ch. 19	T701	Adjust for maximum RF (30mV p-p typical). (See Figure 1.)
Input of frequency counter to TP12 (HP3 Pin 2).	Ch. 19, AM/USB Fine Tune Midrange	CT701	Adjust for 36.960MHz.
Input of frequency counter to TP12 (HP3 Pin 2).	Ch. 19, LSB Fine Tune Midrange	CT702	Adjust for 36.957MHz.
Input of frequency counter to TP13 (IC701 Pin 2).	Ch. 1		Check for 1.280MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of oscilloscope to TP14 (T705 Secondary).	Ch. 19	T705	Adjust for maximum RF (25mV p-p typical). (See Figure 2.)
Input of frequency counter to TP14 (T705 Secondary).	Ch. 1, AM/USB Fine Tune Midrange		Check for 38.240MHz $\pm$ 150Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP14 (T705 Secondary).	Ch. 1, LSB Fine Tune Midrange		Check for 38.237MHz $\pm$ 150Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP15 (Q103 Base).	Ch. 19, AM		Check for 11.730MHz.
Input of oscilloscope to TP16 (T704 Secondary.)	Ch. 19, XMT	T703, T704	Adjust for maximum RF output (350mV p-p typical). (See Figure 3.)
Input of frequency counter to TP16 (T704 Secondary).	Ch. 1, AM/USB, XMT		Check for 38.240MHz $\pm$ 150Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP16 (T704 Secondary).	Ch. 1, XMT/LSB		Check for 38.237MHz $\pm$ 150Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP1. (IC201 Pin 3).	Ch. 19, USB	CT202	Adjust for 11.275MHz $\pm$ 100Hz.
Input of frequency counter to TP1 (IC201 Pin 3).	Ch. 19, LSB	CT203	Adjust for 11.272MHz $\pm$ 100Hz.

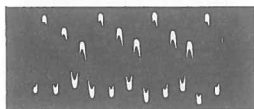


FIGURE 1

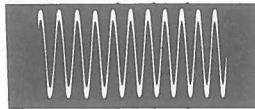


FIGURE 2

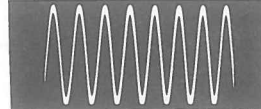


FIGURE 3

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. Preset controls as follows, unless otherwise noted:
Fine Tune Midrange, NB Off, Squelch MINIMUM, RF Gain Maximum, Tone Hi.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP15 (Q103 Base). 455kHz, 1000Hz @ 30% modulation.	Ch. 19, AM	T106, T105, T104	Adjust for maximum output.
Output of signal generator thru .01uF to TP17 (D112 Cathode). 11.2740MHz, no modulation.	Ch. 19, USB	T203, T202, T201	Adjust for maximum output.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19, AM	T103, T102, T101	Adjust for maximum output. Readjust T104, T105 and T106 for maximum.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Preset controls as follows, unless otherwise noted:
Fine Tune Midrange, NB Off, Squelch MINIMUM, RF Gain Maximum, Tone Hi.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output .25uV.	Ch. 19, AM Volume Maximum	RT101	AM IF GAIN Adjust for 2.00 volts RMS (500mV) audio output.
Output of signal generator thru .01uF to antenna input. 27.184MHz, no modulation. Output .12uV.	Ch. 19, LSB Volume Maximum	RT202	SSB IF GAIN Adjust for 2.00 volts RMS (500mV) audio output.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19, AM Squelch Maximum	RT102	AM SQUELCH RANGE Adjust so squelch just breaks.
Output of signal generator thru .01uF to antenna input. 27.184MHz, no modulation. Output 100uV.	Ch. 19, LSB Squelch Maximum	RT103	SSB SQUELCH RANGE Adjust so squelch just breaks.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19, AM	RT104	AM S METER Adjust for 9 on S unit scale of meter.
Output of signal generator thru .01uF to antenna input. 27.184MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19, LSB	RT105	SSB S METER Adjust for 9 on S unit scale of meter.

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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 RF wattmeter to antenna input. Inject a two-tone, 20mV signal at mic input.	Ch. 19, USB	T401,T402, T403,T404, T405,T406, T407	Set RT402 to MINIMUM (fully counterclockwise). Adjust for maximum RF output.

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.

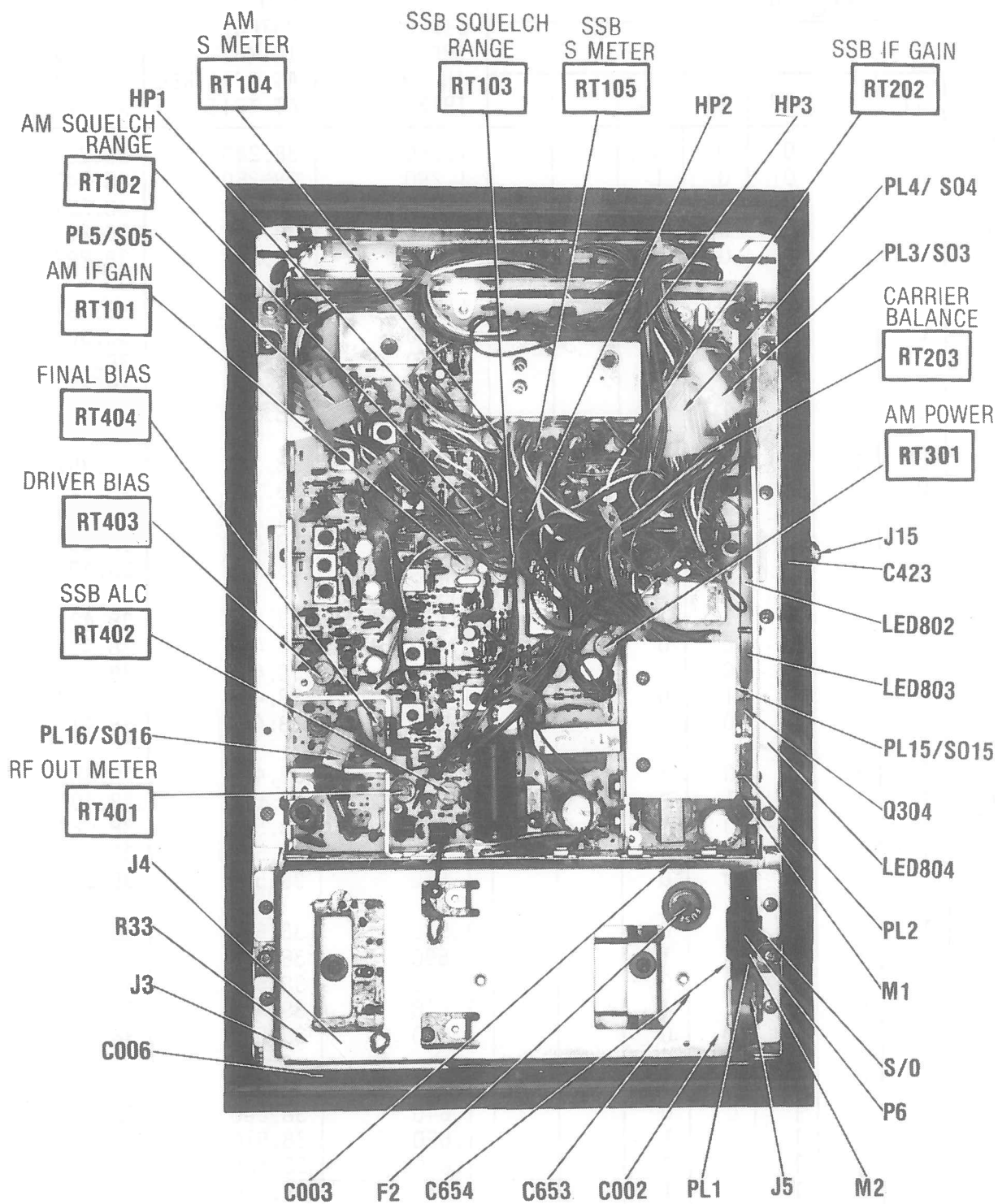
See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of RF wattmeter to antenna input. No modulation input.	Ch. 19, USB	RT203	CARRIER BALANCE Adjust for MINIMUM RF output. Switch to LSB and repeat adjustment until no further improvement is noted.
Input of RF wattmeter to antenna input. No modulation input. Insert a 0-500mA DC meter at TP18 (Junction of L402 and C446).	Ch. 19, USB	RT403	RF DRIVER BIAS Adjust for 150mA idle current.
Input of RF wattmeter to antenna input. No modulation input. Insert a 0-500mA DC meter at TP19 (Junction of L403B and C420).	Ch. 19, USB	RT404	FINAL BIAS Adjust for 100mA idle current.
Input of RF wattmeter to antenna input. Inject a two-tone, 20mV signal at mic input.	Ch. 19, USB	RT402	SSB ALC Adjust for 12 watts PEP RF output.
Input of RF wattmeter to antenna input.	Ch. 19, AM	RT301	AM POWER Adjust for 4.0 watts RF output maximum.
Input of RF wattmeter to antenna input.	Ch. 19, AM	RT401	RF OUT METER Adjust so RF out meter agrees with RF wattmeter.
Connect a 150-ohm, non-inductive load to antenna input.	Ch. 19, AM	RT451	SWR ALERT Adjust so SWR alert indicator illuminates.
Connect a 150-ohm, non-inductive load to antenna input.	Ch. 19, AM CAL Out	RT452	SWR CAL Set SWR CAL for 3 on SWR meter. Switch CAL in and adjust RT452 for CAL mark on SWR meter.

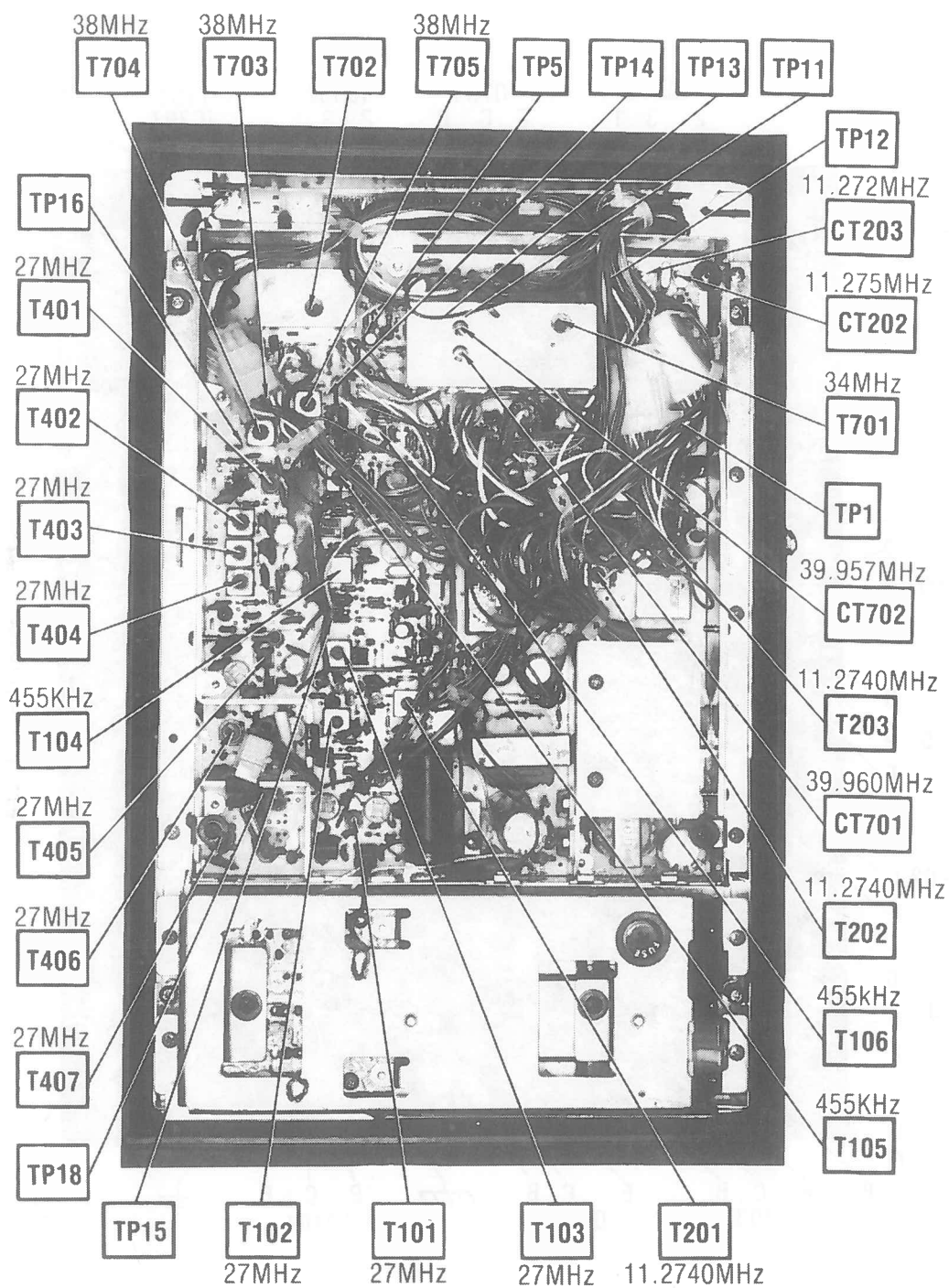
TRUTH CHART

CHANNEL	1 = 4.63 Volts 0 = 0 Volts								DIVIDER INPUT IN MHz AT TP13	AM/USB VCO OUTPUT IN MHz AT TP14 REC AT TP16 XMT	LSB VCO OUTPUT IN MHz AT TP14 REC AT TP16 XMT
	IC701 CHANNEL INPUT CODES										
	PINS										
	10	11	12	13	14	15					
1	0	0	0	0	0	0			1.280	38.240	38.237
2	0	0	0	0	0	1			1.290	38.250	38.247
3	0	0	0	0	1	0			1.300	38.260	38.257
4	0	0	0	1	0	0			1.320	38.280	38.277
5	0	0	0	1	0	1			1.330	38.290	38.287
6	0	0	0	1	1	0			1.340	38.300	38.297
7	0	0	0	1	1	1			1.350	38.310	38.307
8	0	0	1	0	0	1			1.370	38.330	38.327
9	0	0	1	0	1	0			1.380	38.340	38.337
10	0	0	1	0	1	1			1.390	38.350	38.347
11	0	0	1	1	0	0			1.400	38.360	38.357
12	0	0	1	1	1	0			1.420	38.380	38.377
13	0	0	1	1	1	1			1.430	38.390	38.387
14	0	1	0	0	0	0			1.440	38.400	38.397
15	0	1	0	0	0	1			1.450	38.410	38.407
16	0	1	0	0	1	1			1.470	38.430	38.427
17	0	1	0	1	0	0			1.480	38.440	38.437
18	0	1	0	1	0	1			1.490	38.450	38.447
19	0	1	0	1	1	0			1.500	38.460	38.457
20	0	1	1	0	0	0			1.520	38.480	38.477
21	0	1	1	0	0	1			1.530	38.490	38.487
22	0	1	1	0	1	0			1.540	38.500	38.497
23	0	1	1	1	0	1			1.570	38.530	38.527
24	0	1	1	0	1	1			1.550	38.510	38.507
25	0	1	1	1	0	0			1.560	38.520	38.517
26	0	1	1	1	1	0			1.580	38.540	38.537
27	0	1	1	1	1	1			1.590	38.550	38.547
28	1	0	0	0	0	0			1.600	38.560	38.557
29	1	0	0	0	0	1			1.610	38.570	38.567
30	1	0	0	0	1	0			1.620	38.580	38.577
31	1	0	0	0	1	1			1.630	38.590	38.587
32	1	0	0	1	0	0			1.640	38.600	38.597
33	1	0	0	1	0	1			1.650	38.610	38.607
34	1	0	0	1	1	0			1.660	38.620	38.617
35	1	0	0	1	1	1			1.670	38.630	38.627
36	1	0	1	0	0	0			1.680	38.640	38.637
37	1	0	1	0	0	1			1.690	38.650	38.647
38	1	0	1	0	1	0			1.700	38.660	38.657
39	1	0	1	0	1	1			1.710	38.670	38.667
40	1	0	1	1	0	0			1.720	38.680	38.677

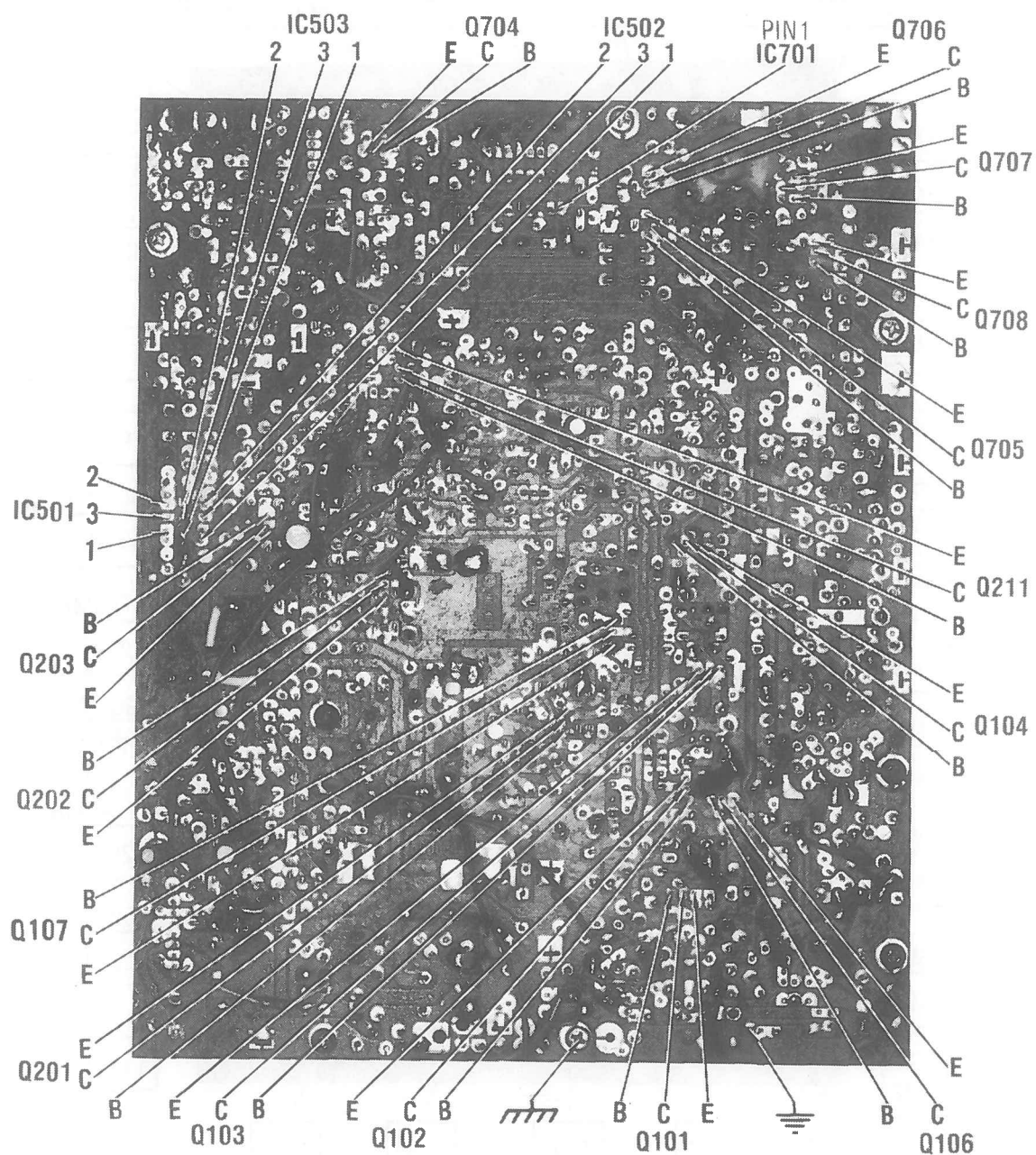
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CHASSIS-BOTTOM

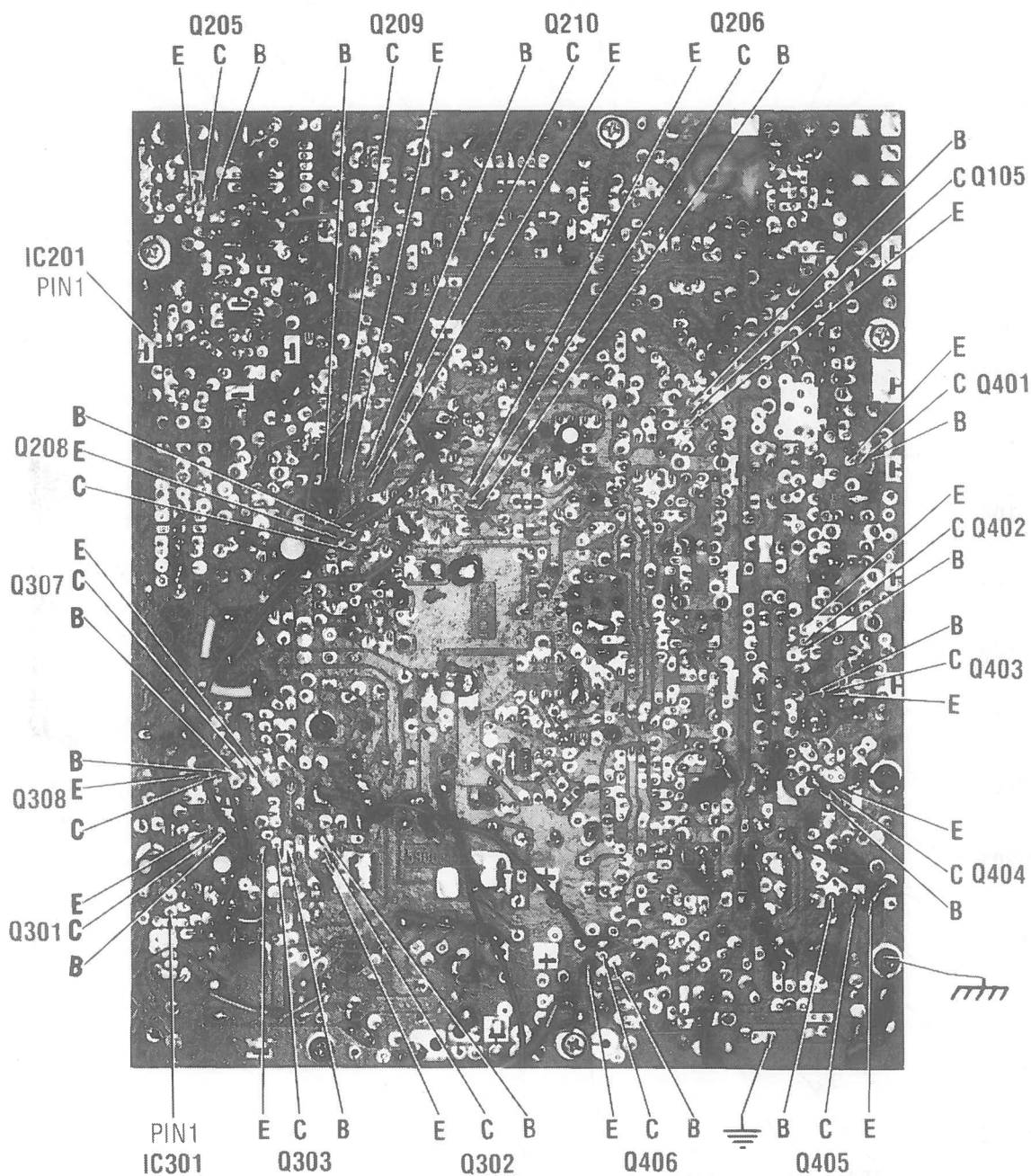


CHASSIS-BOTTOM

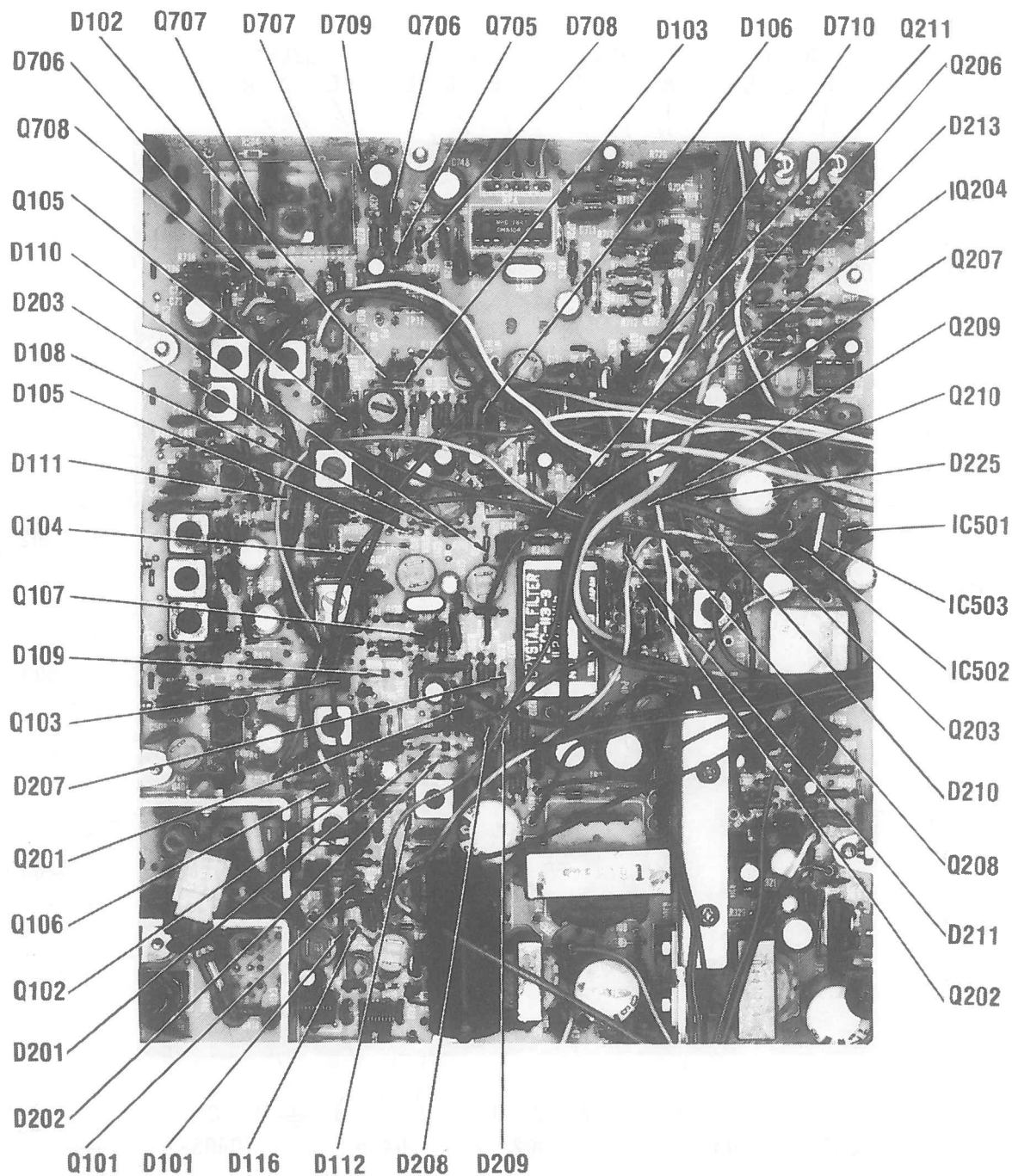


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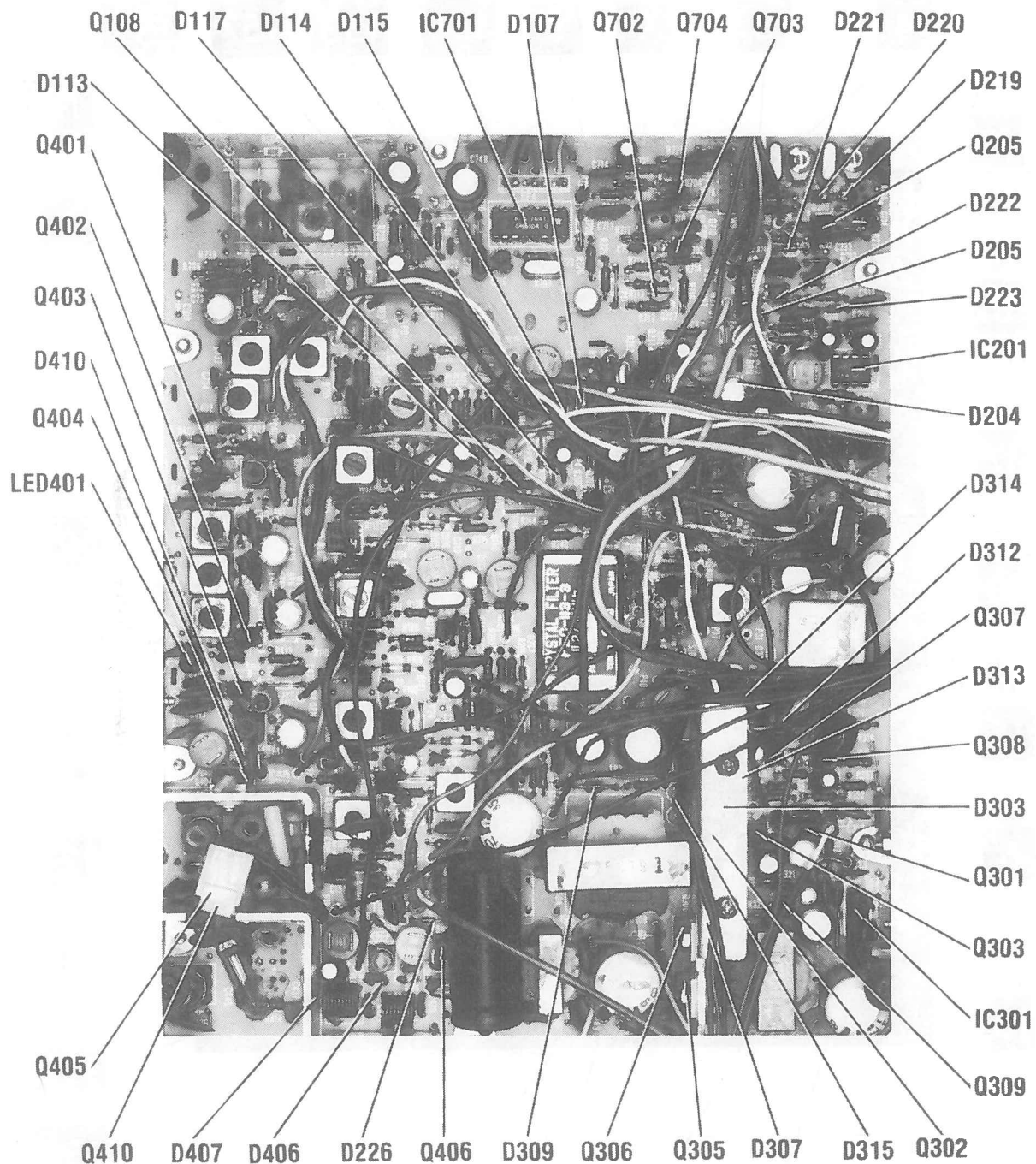
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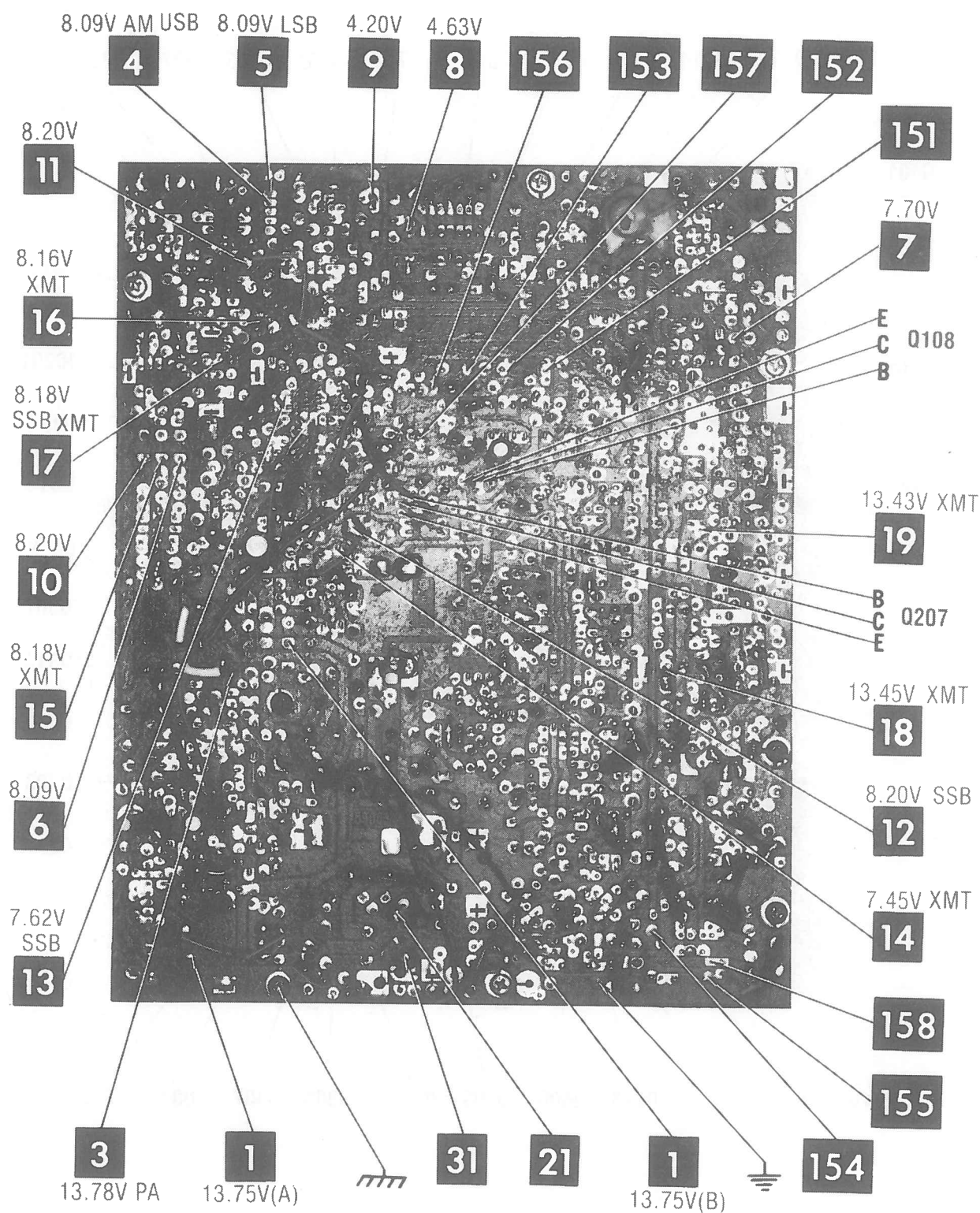
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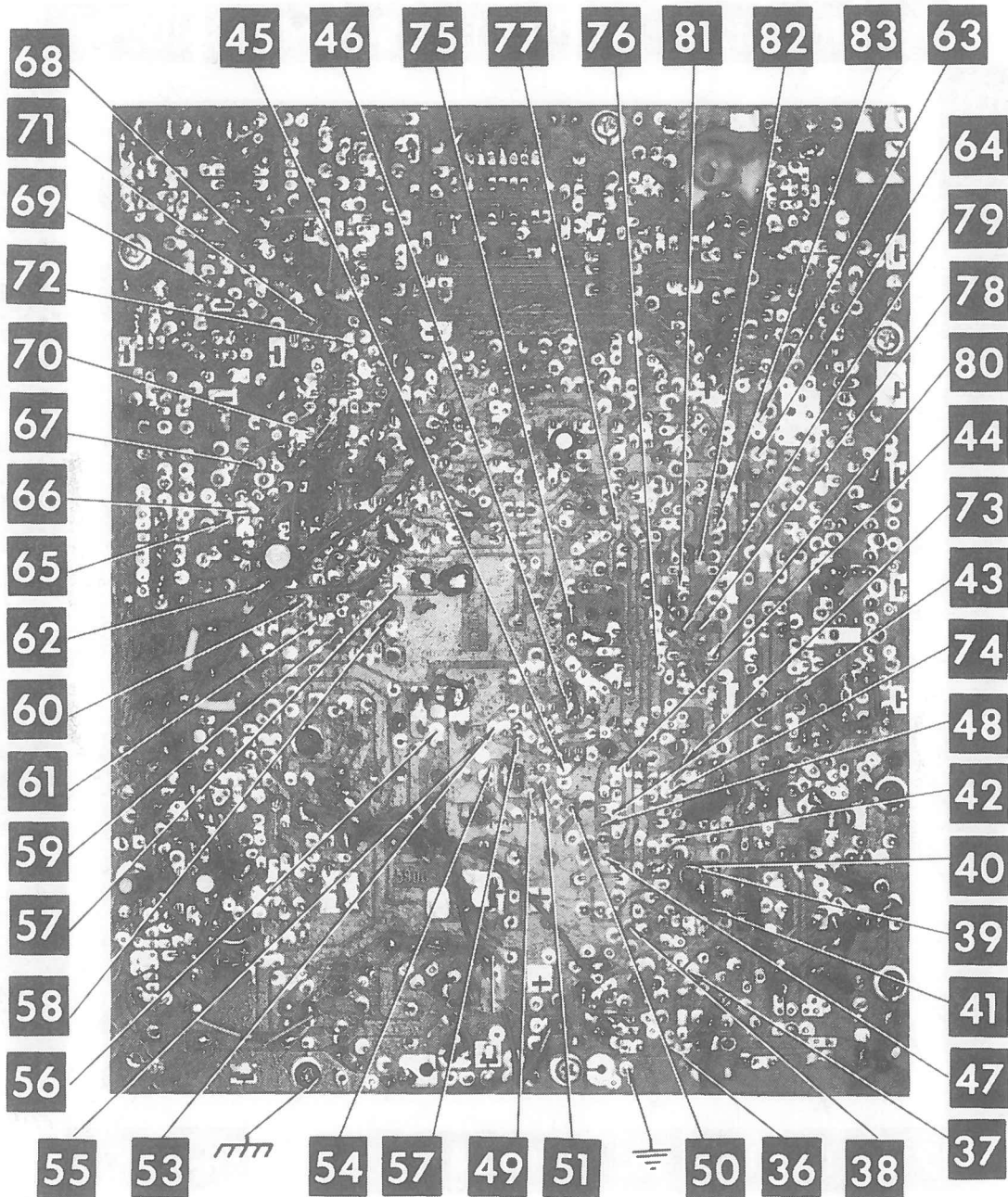
MAIN BOARD



MAIN BOARD

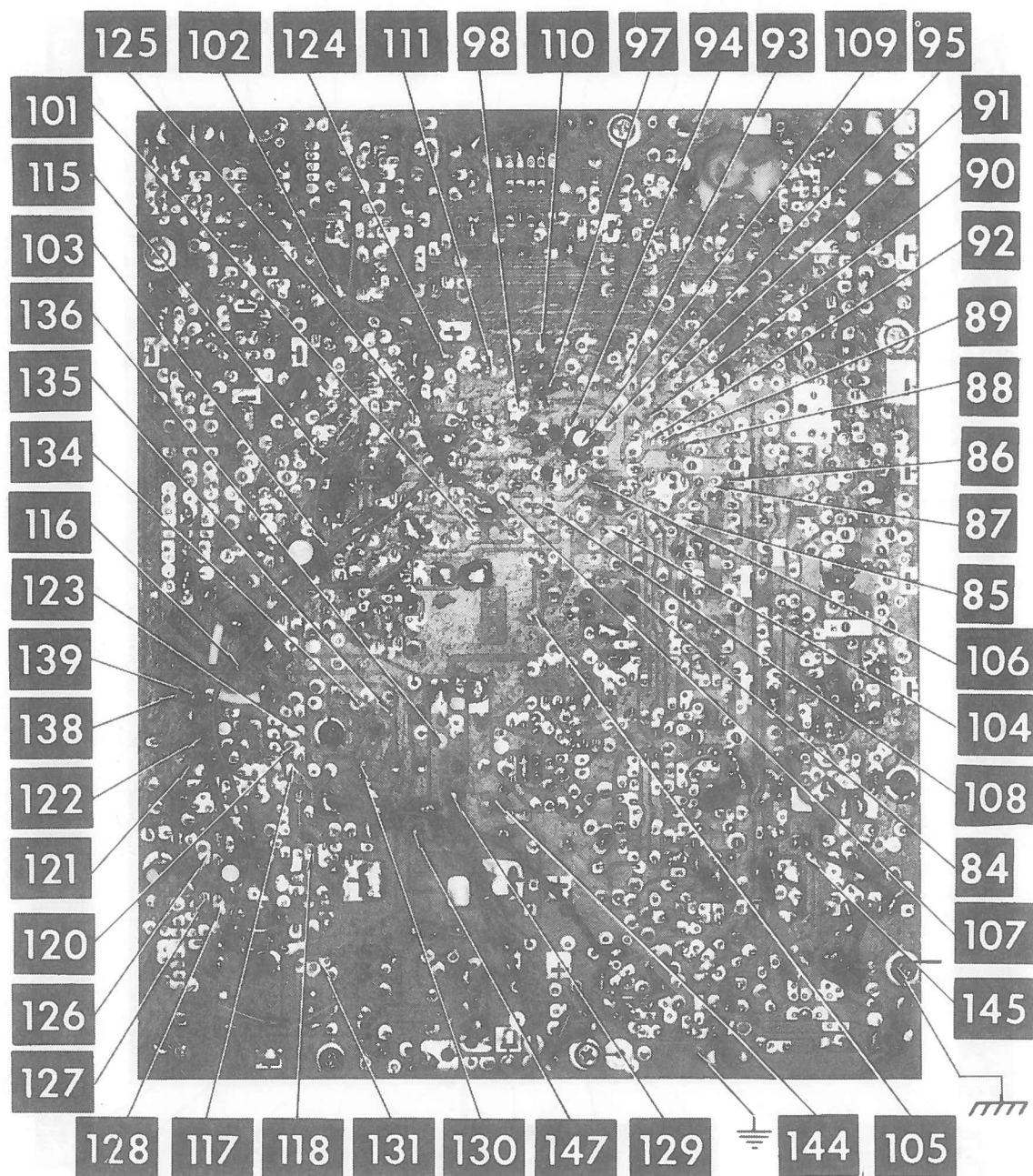


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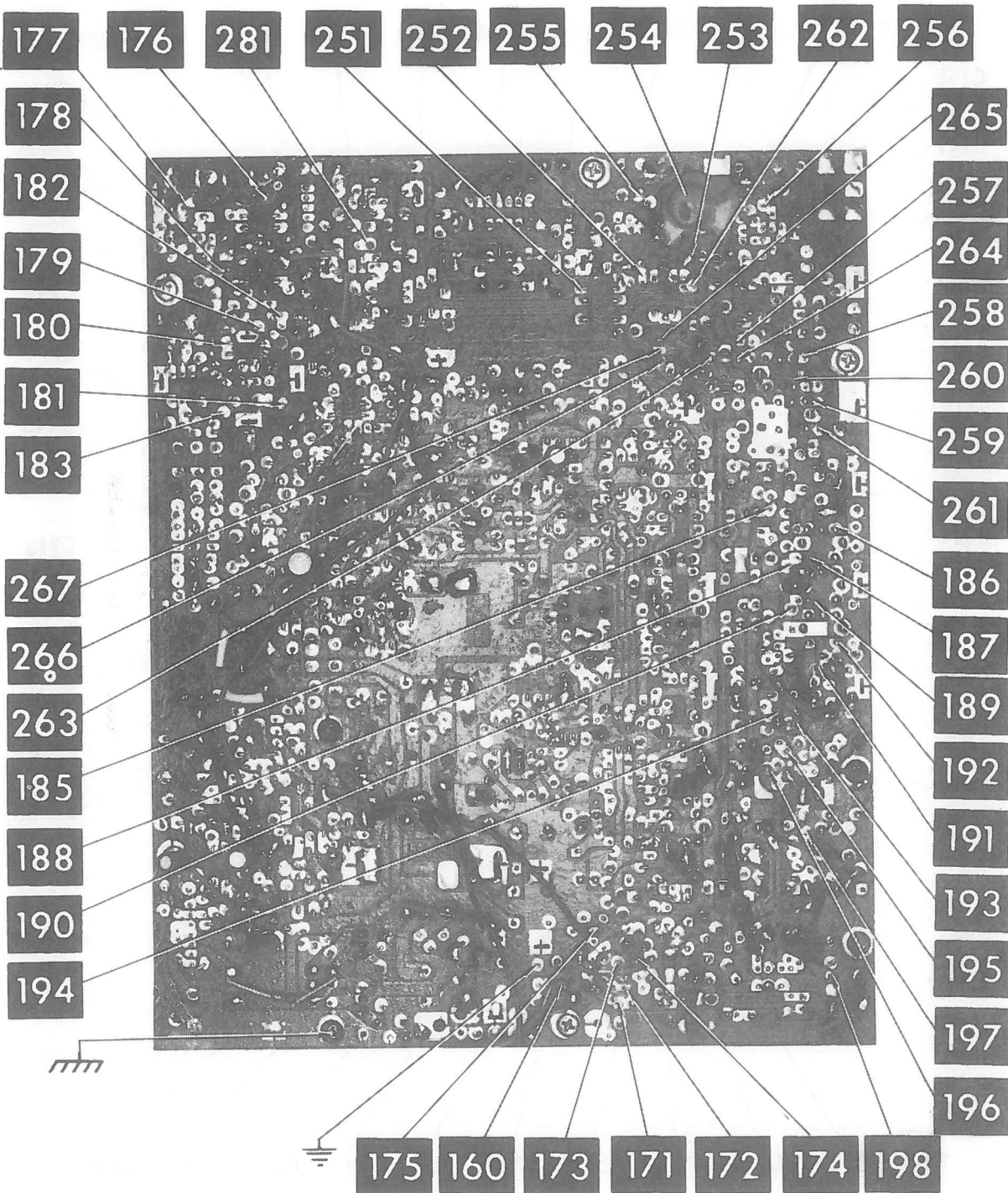


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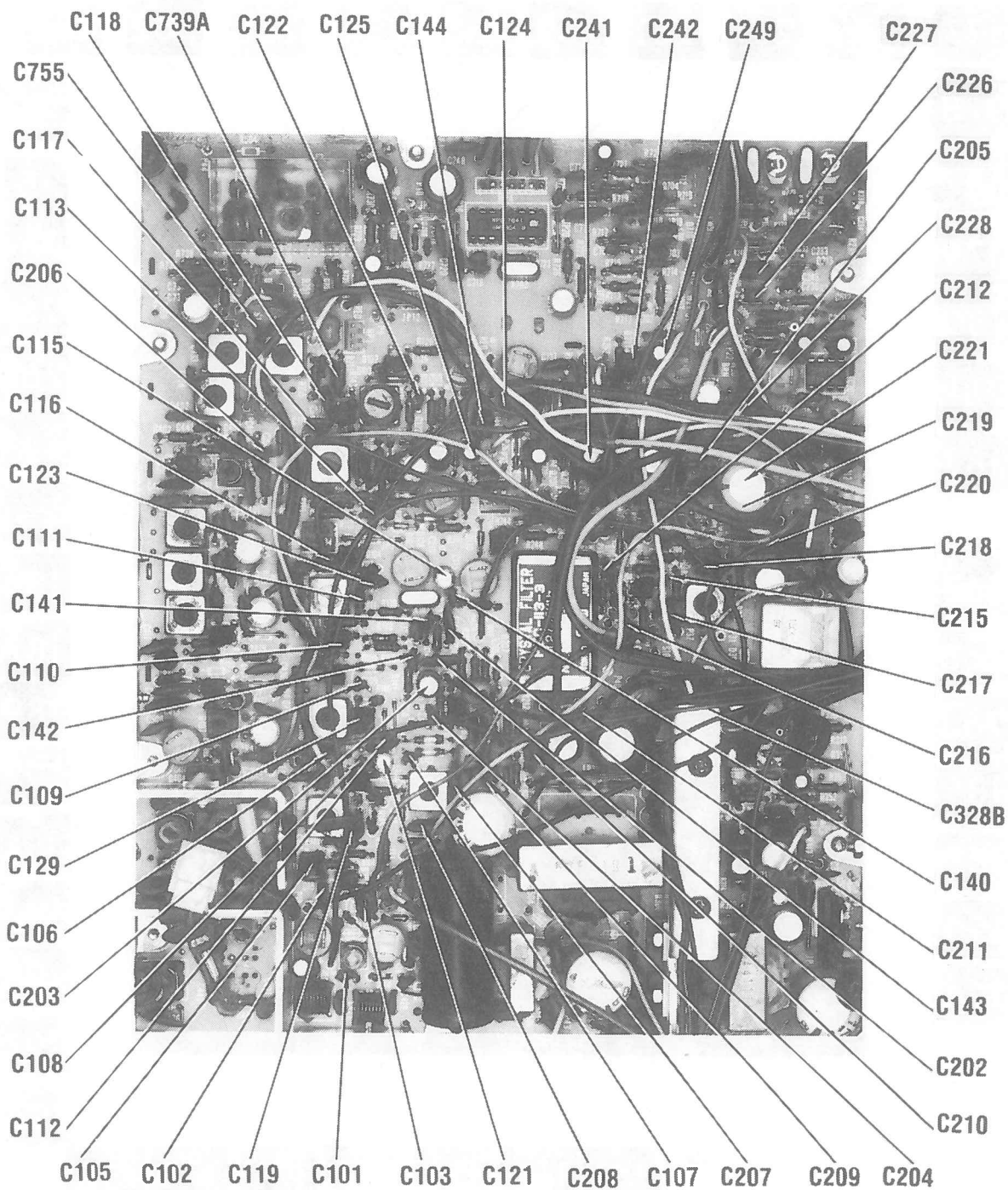


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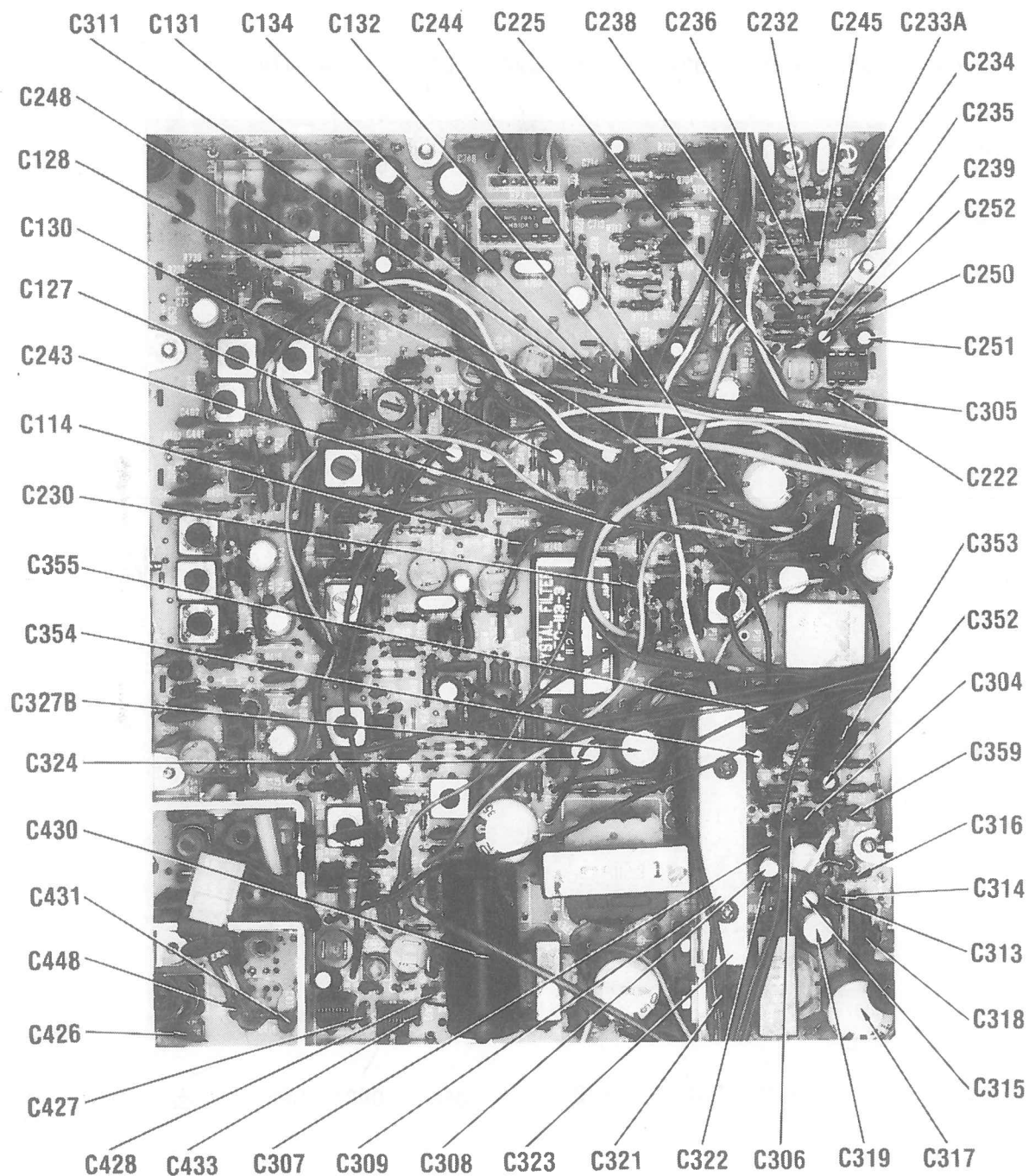


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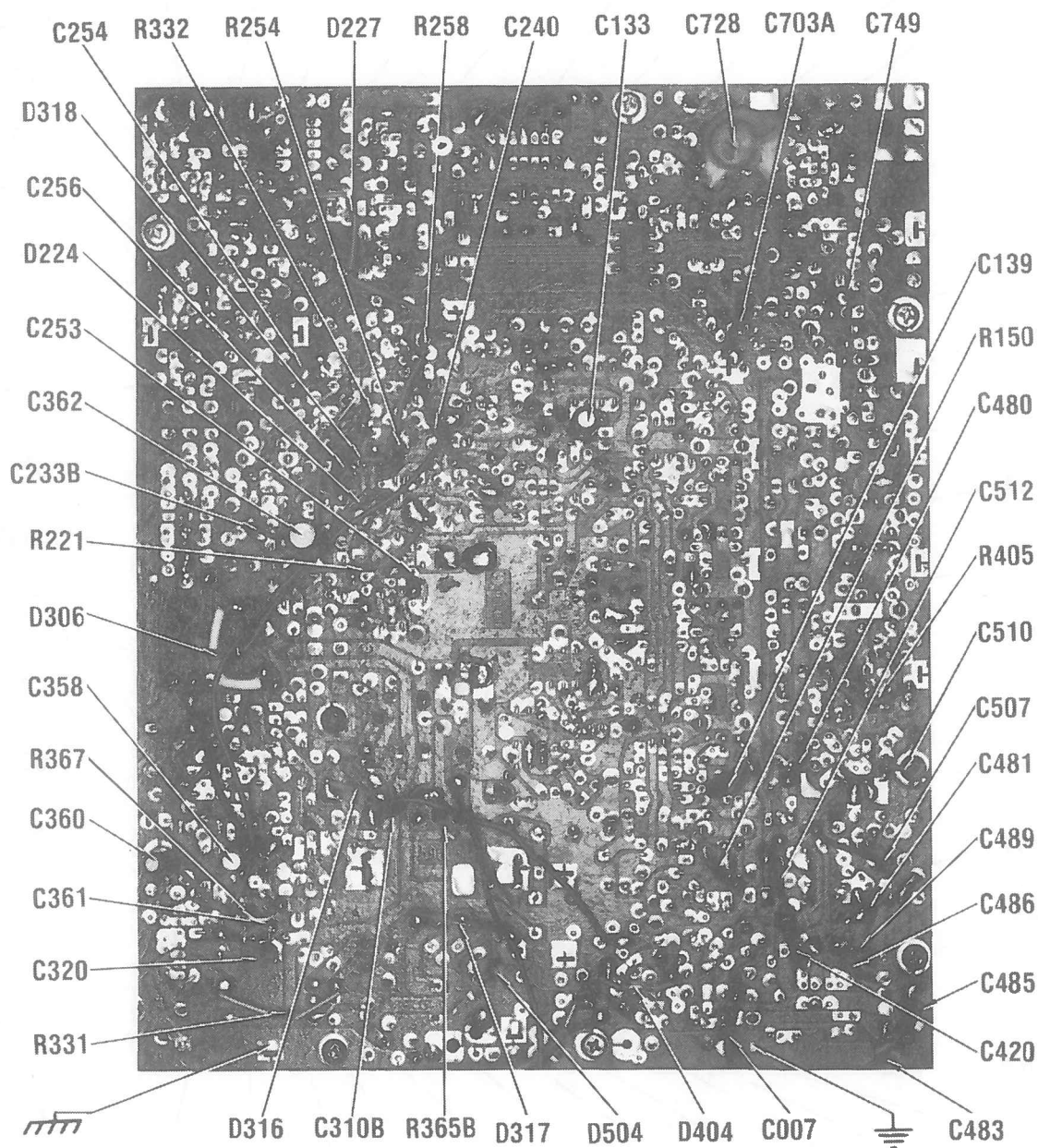
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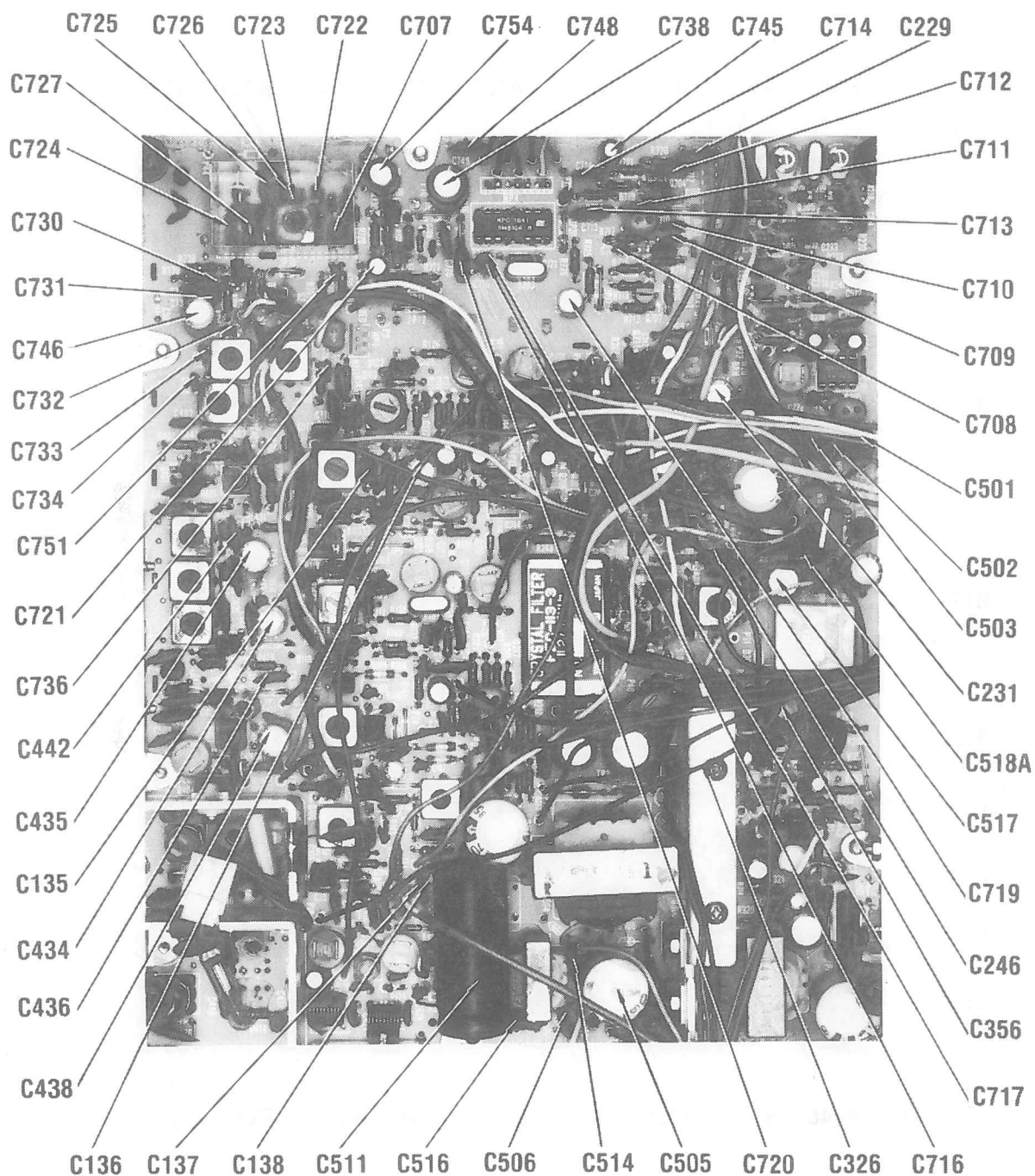
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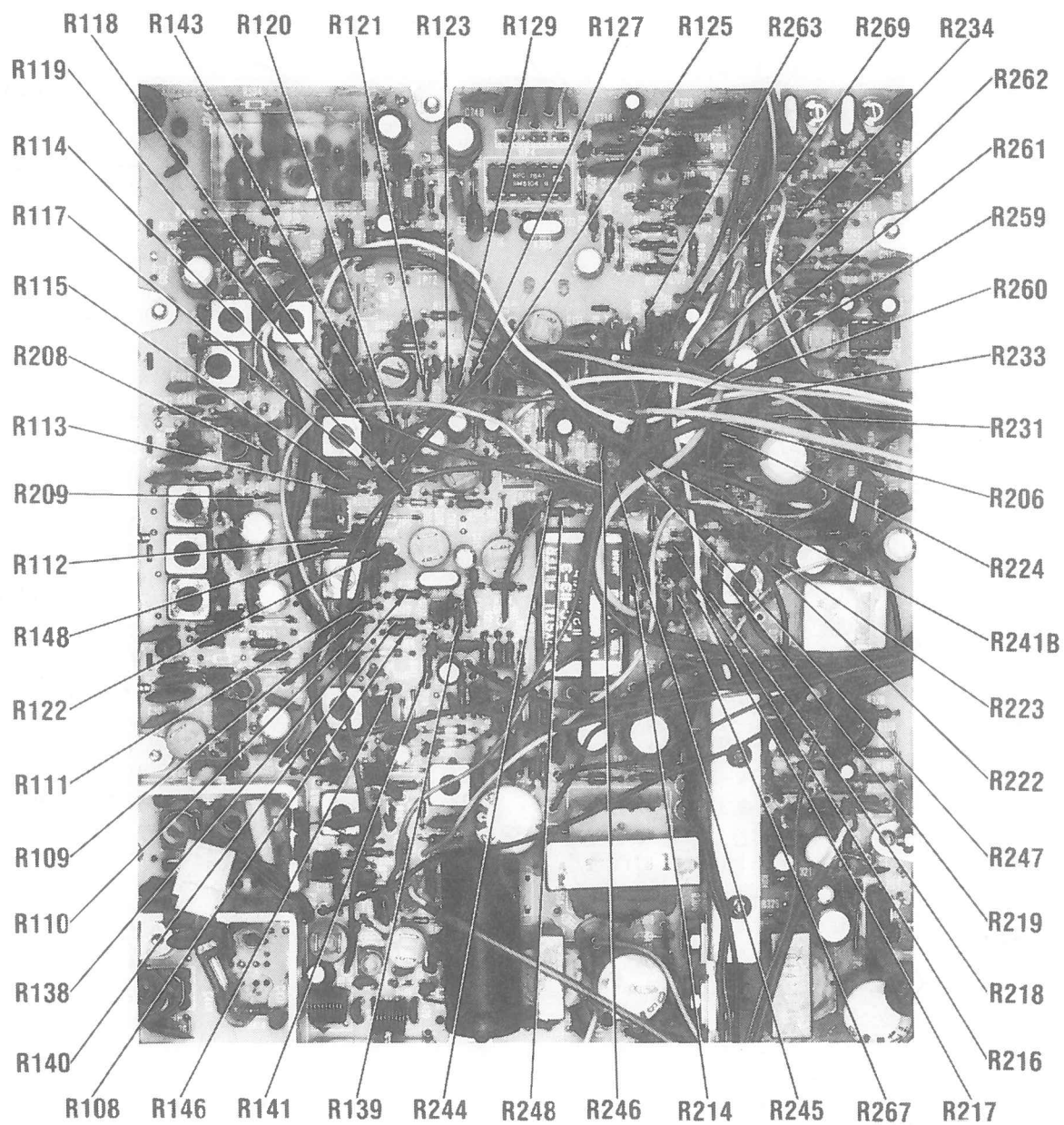
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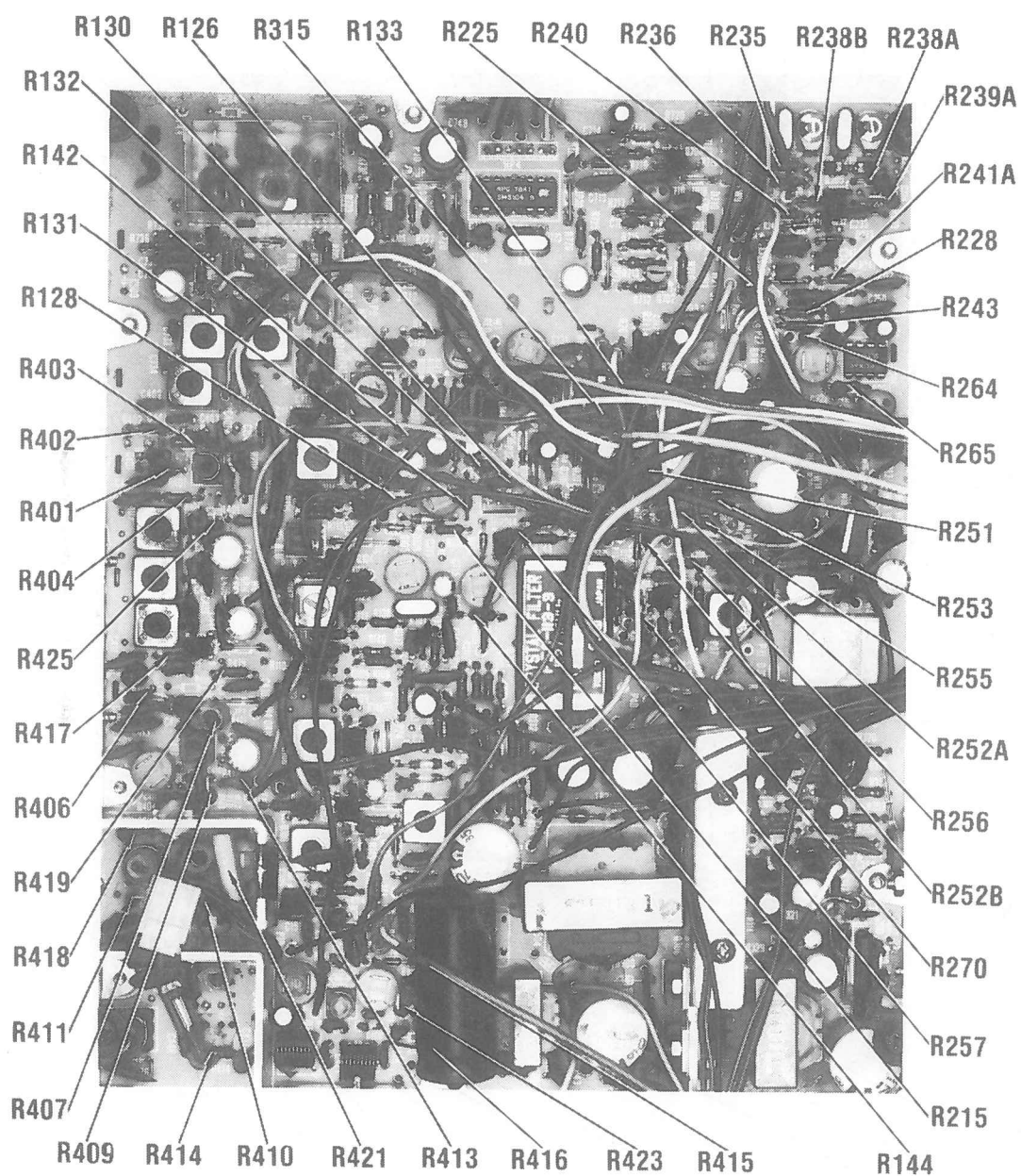
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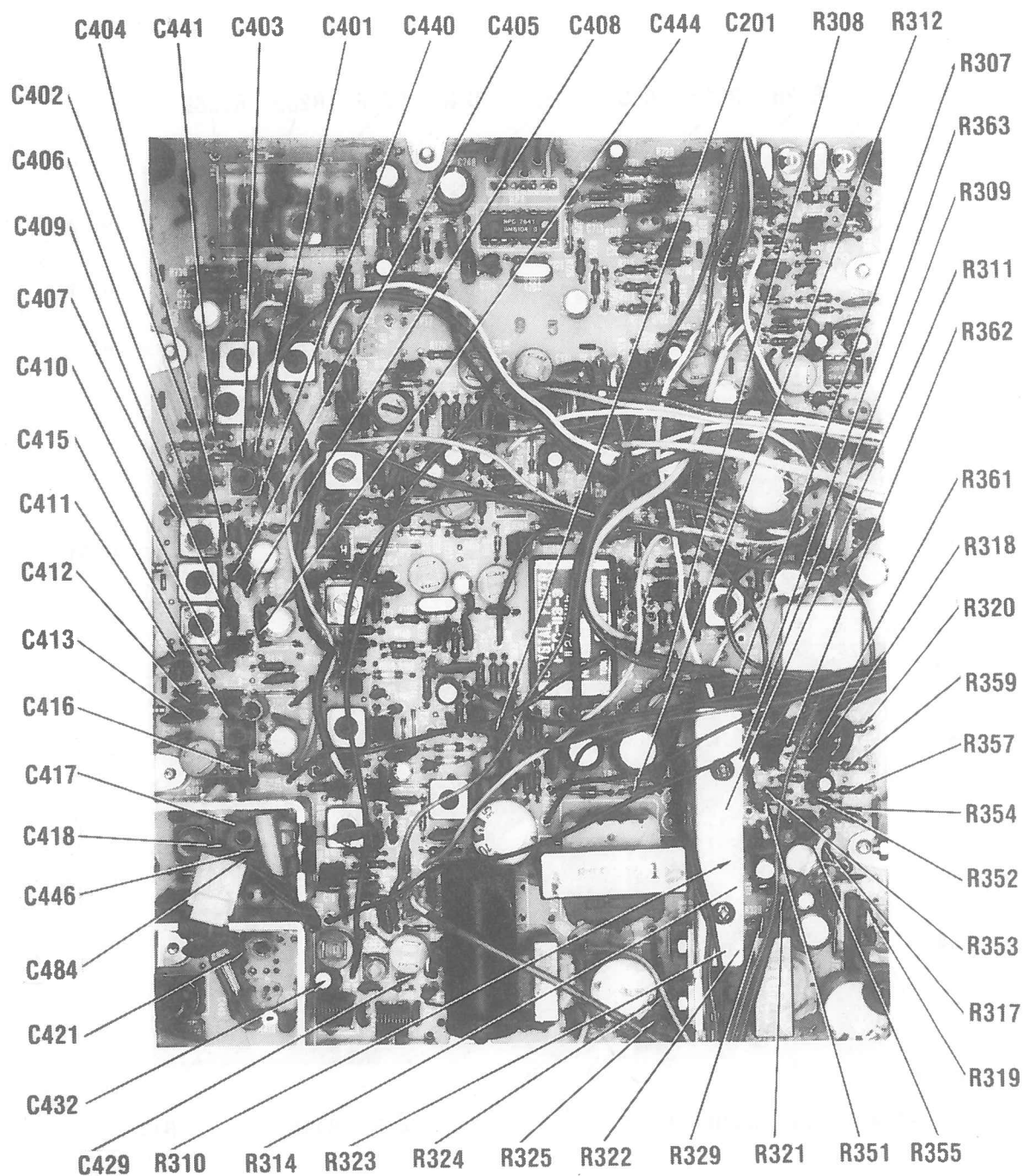
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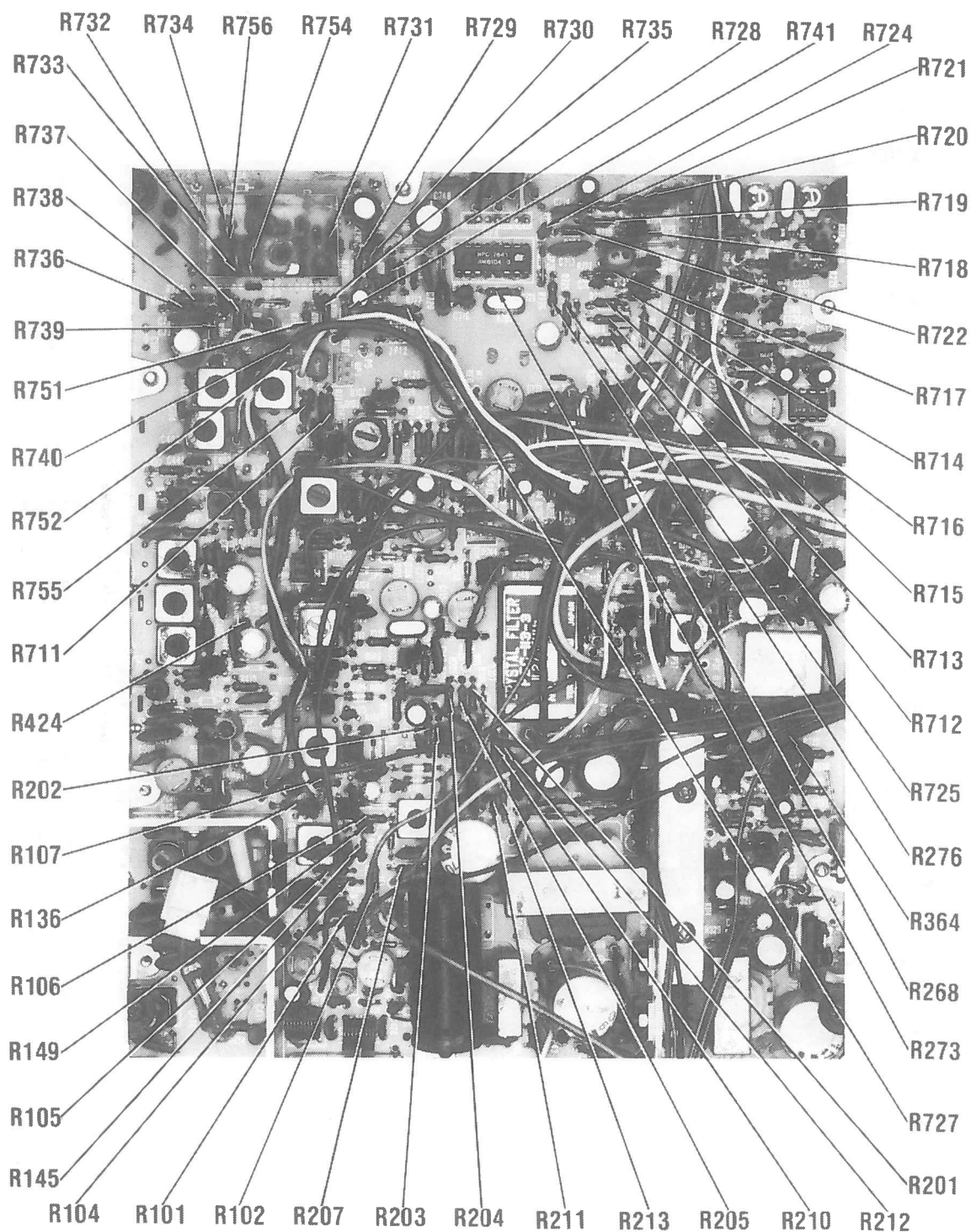
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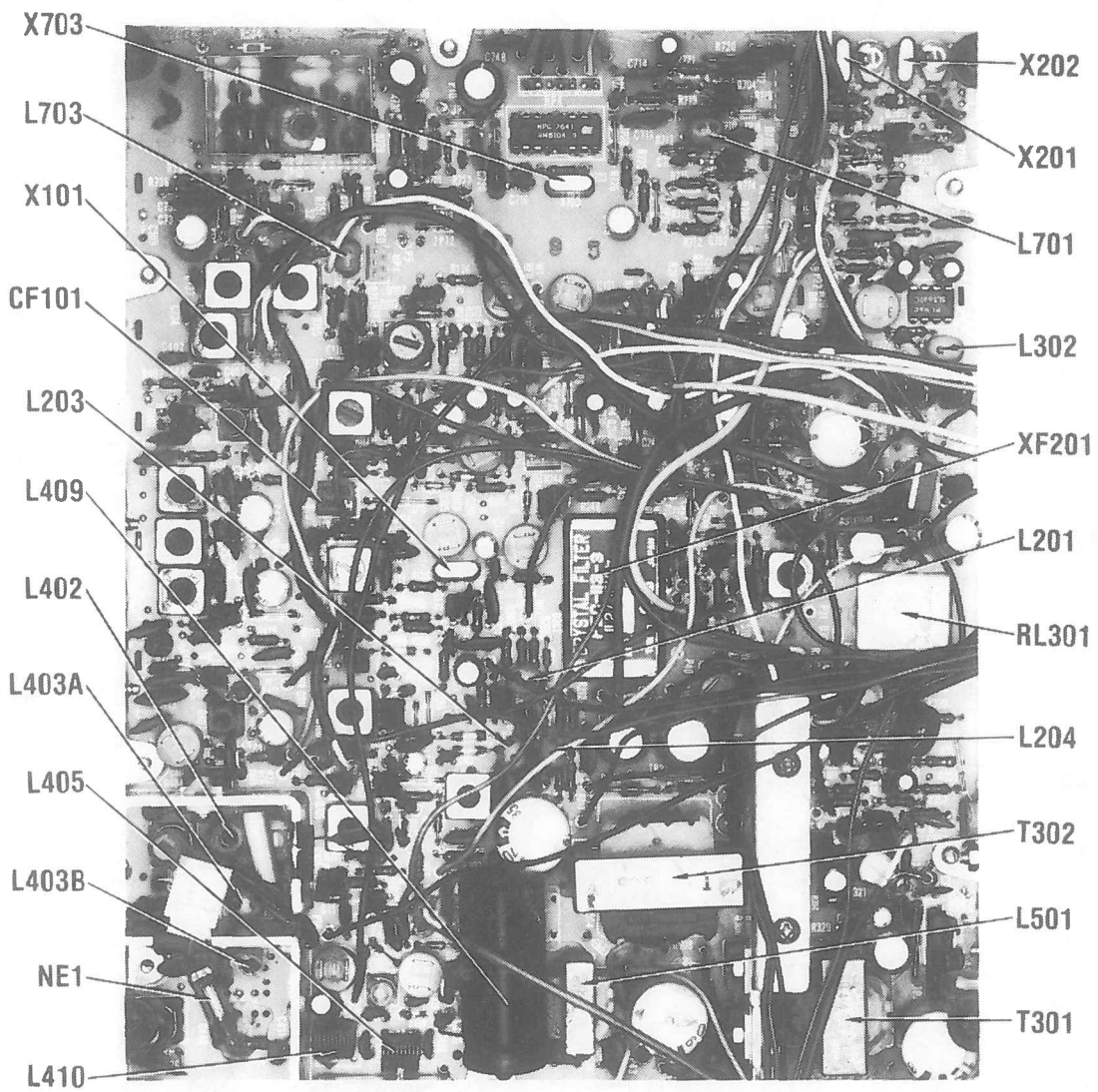
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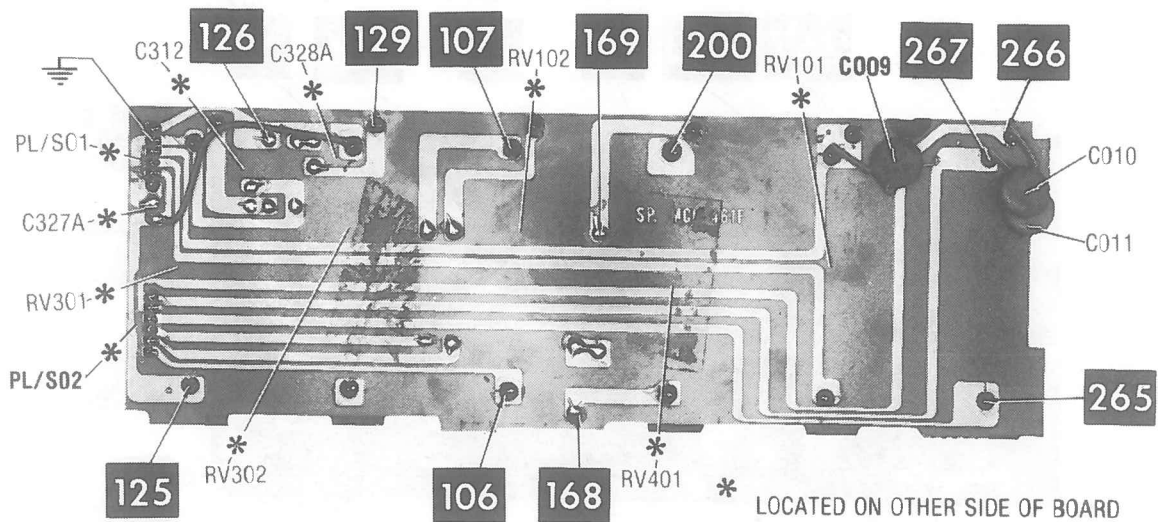
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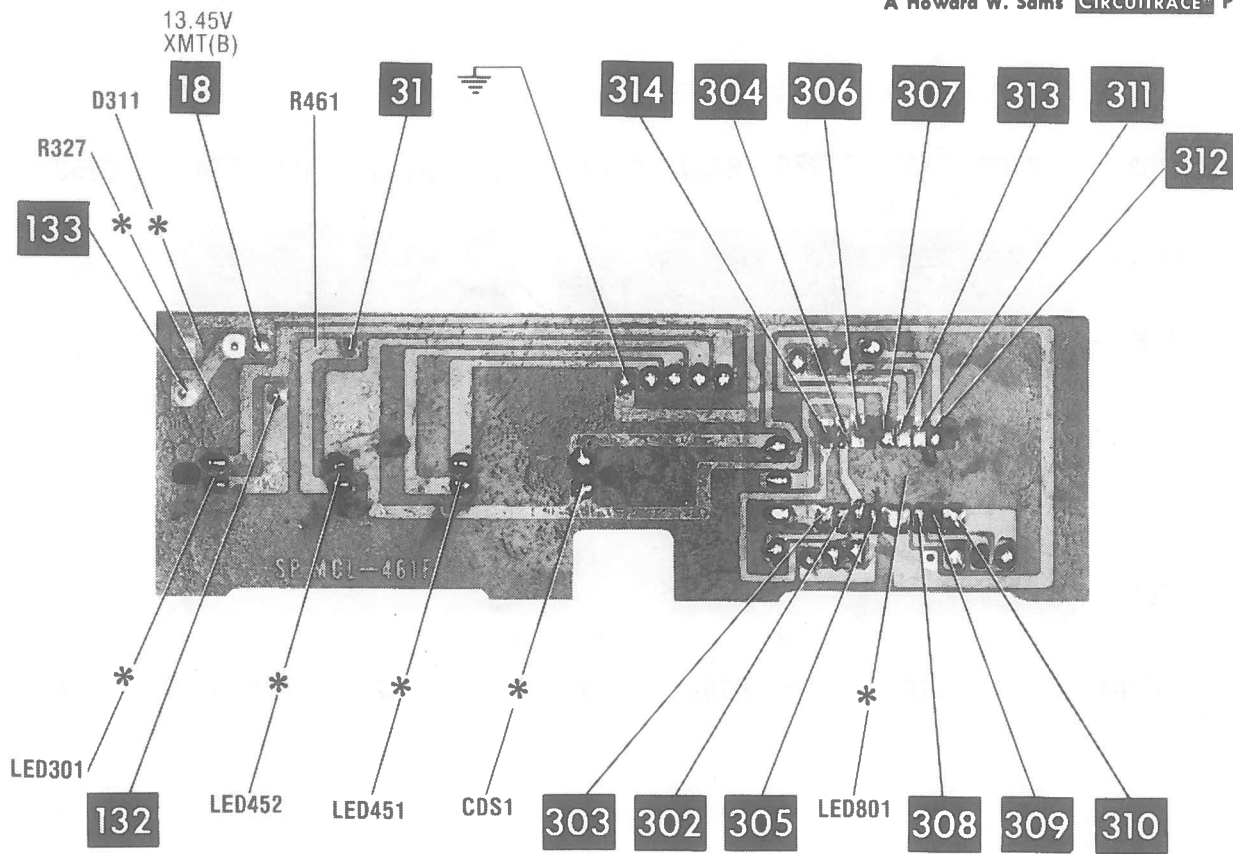
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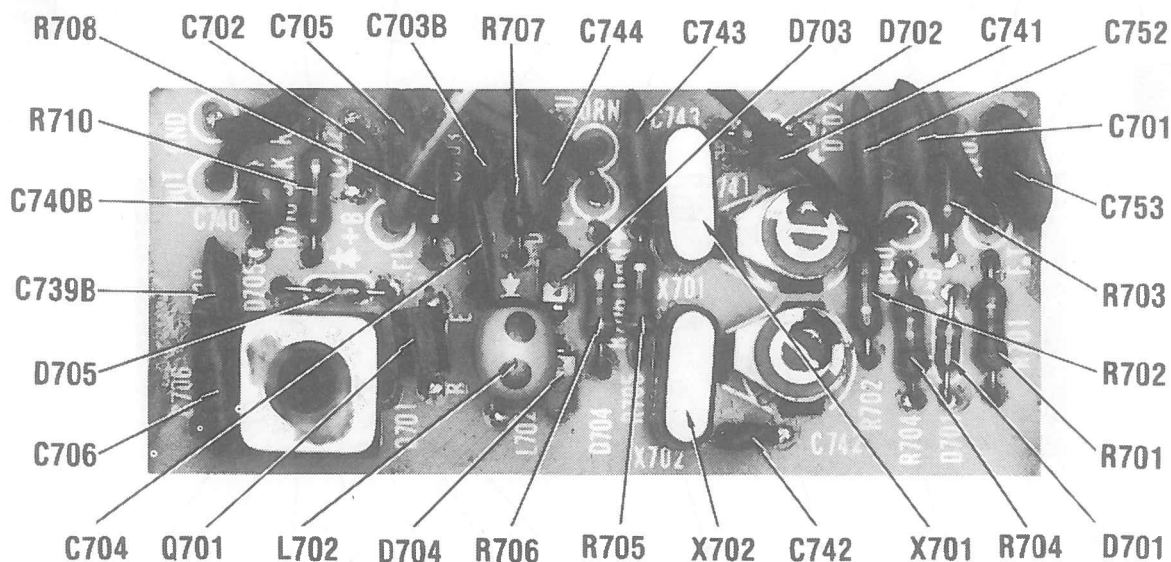
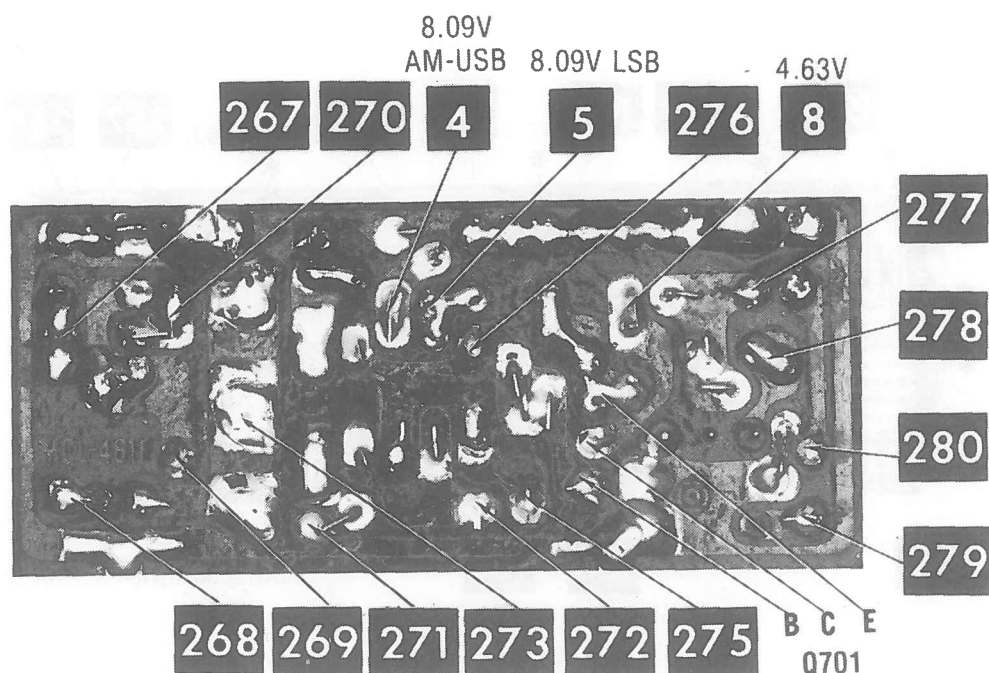
MAIN BOARD



CONTROL BOARD

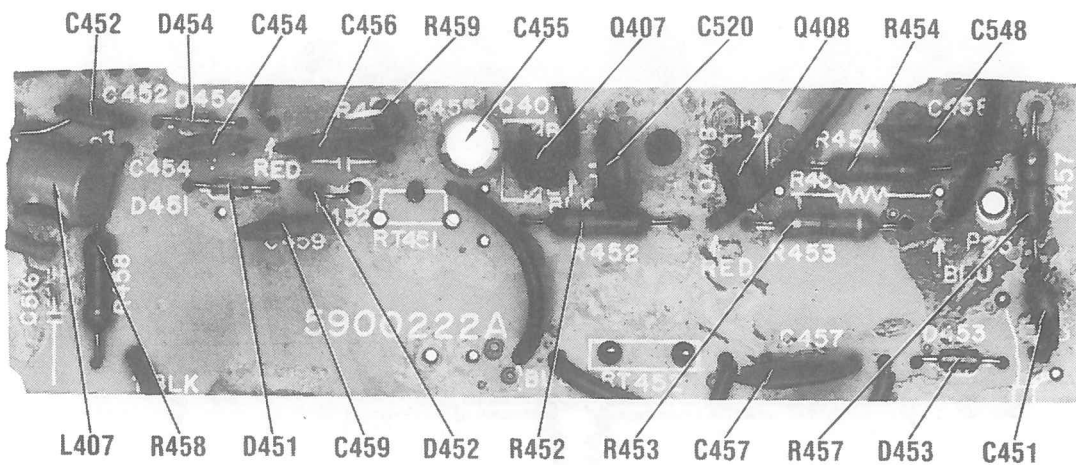
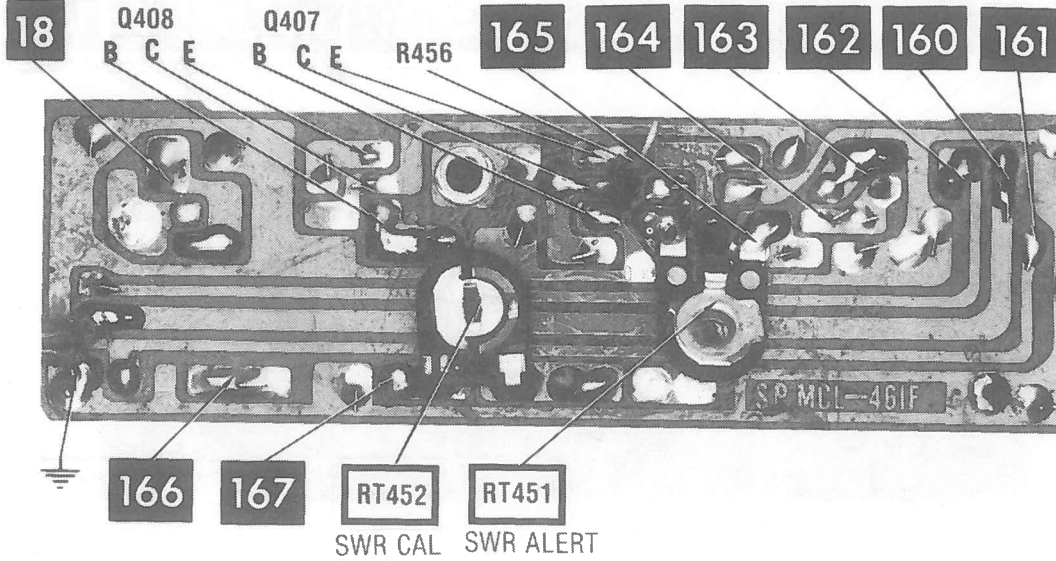


LED BOARD



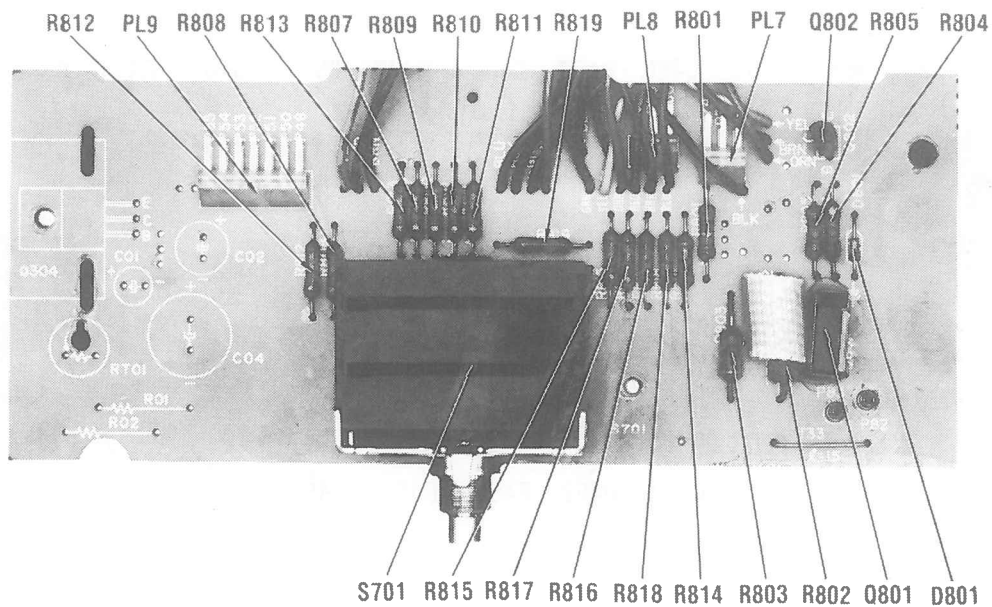
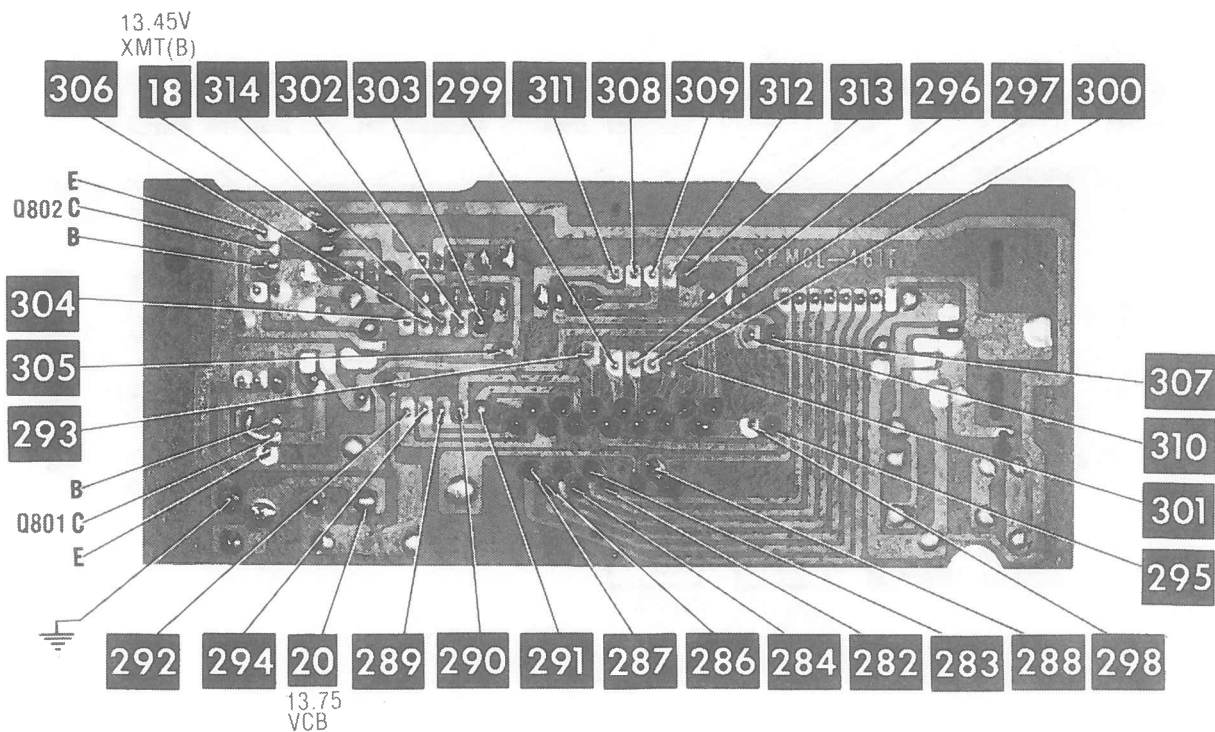
LOCAL OSC BOARD

13.45V(C)

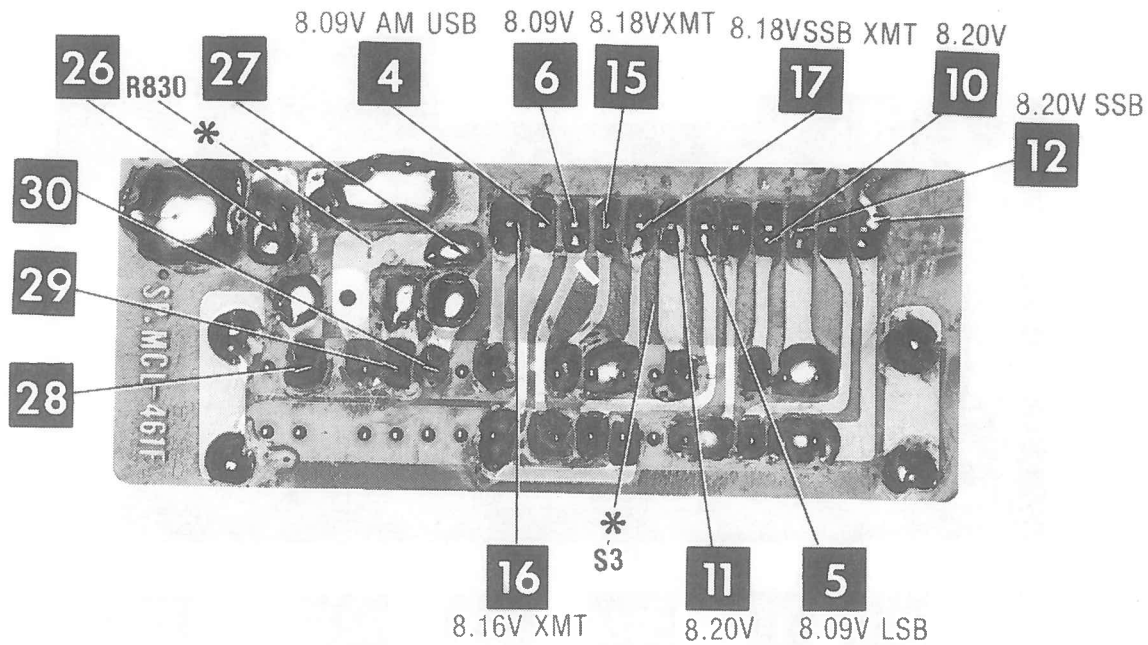


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SWR BOARD



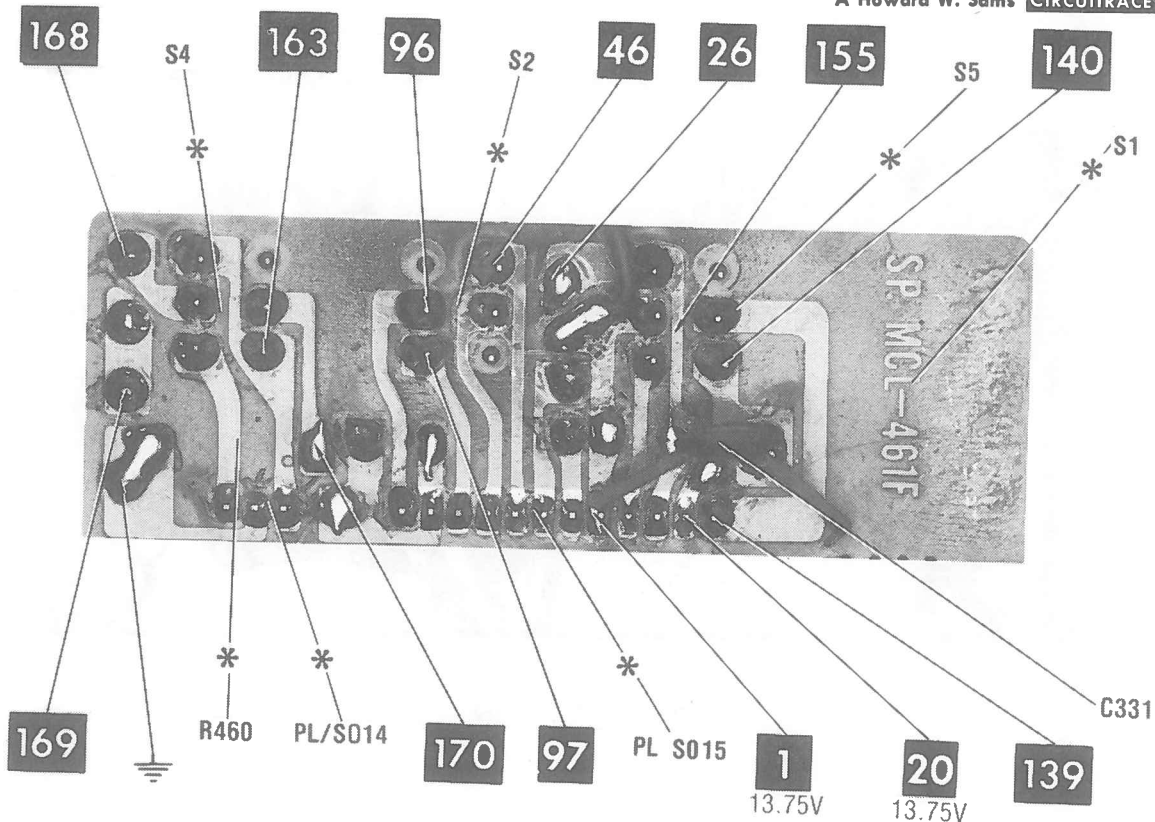
CH. SELECTOR BOARD



* LOCATED ON OTHER SIDE OF BOARD

MODE SWITCH BOARD

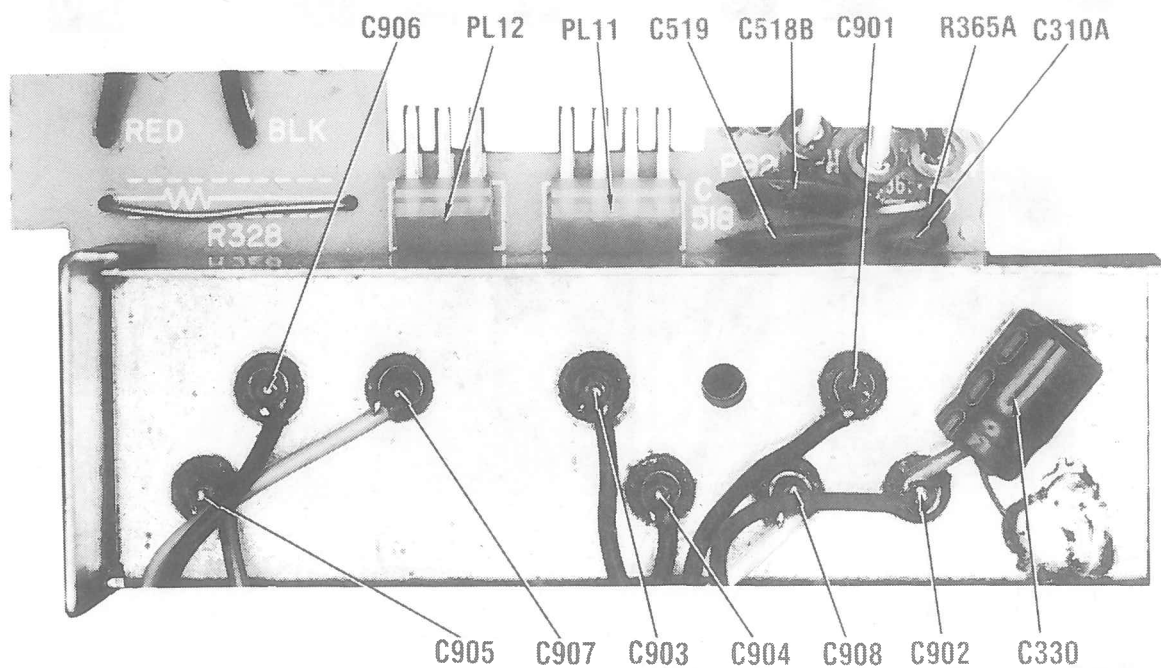
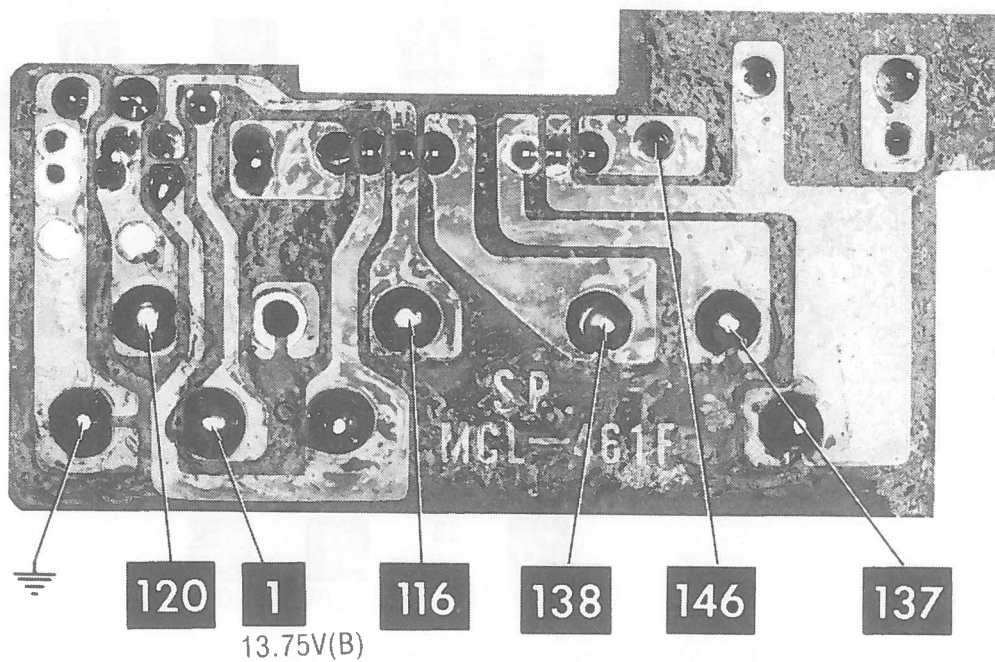
A Howard W. Sams CIRCUITRACE® Photo



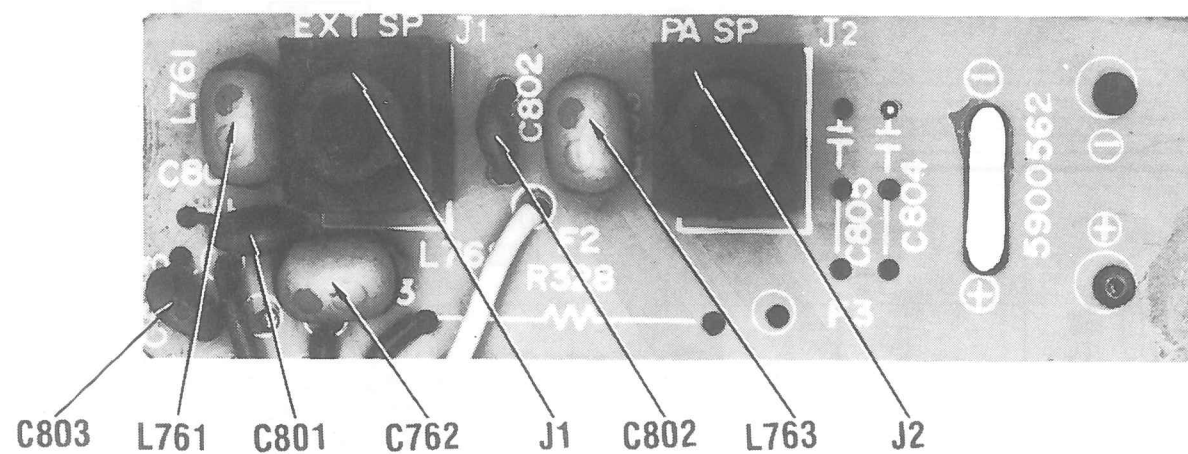
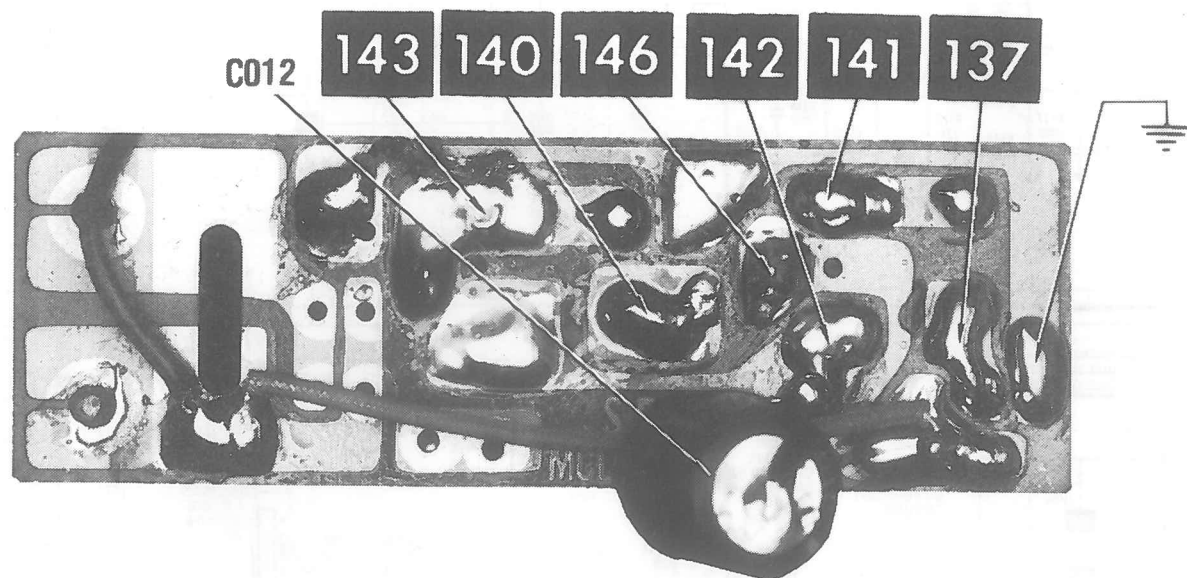
* LOCATED OTHER SIDE OF BOARD

FUNCTION SWITCH BOARD

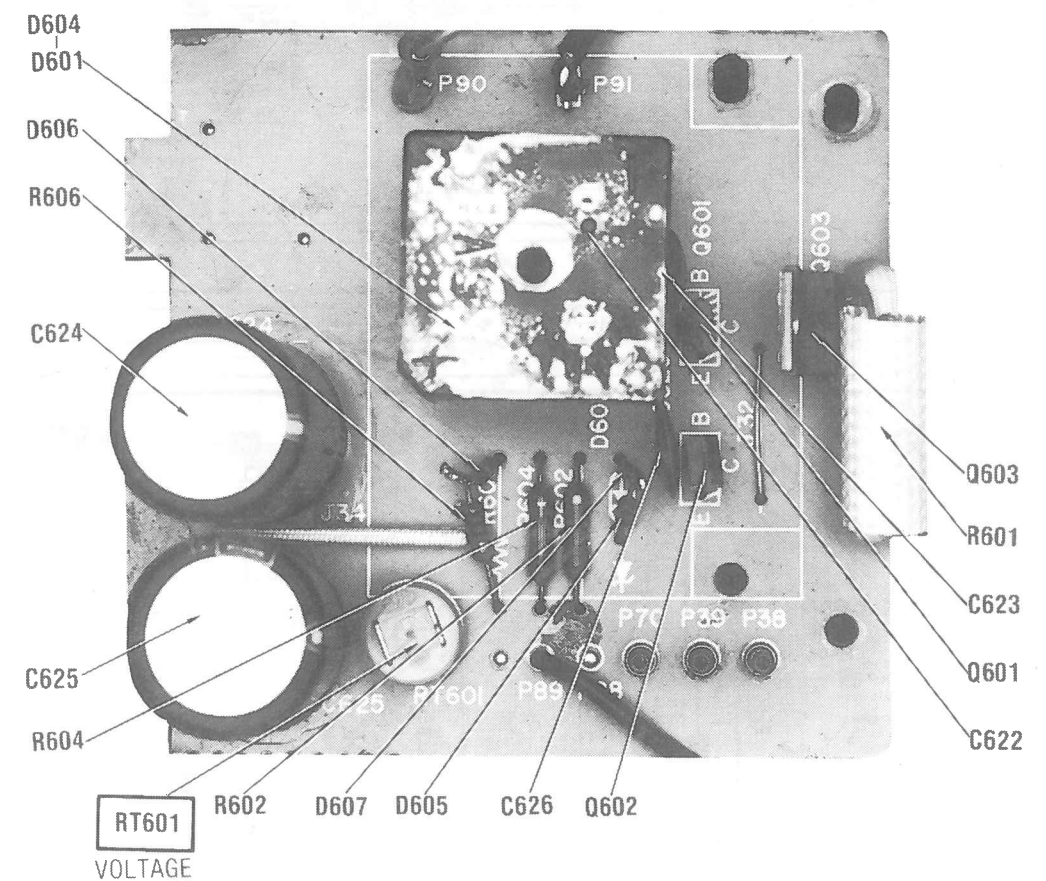
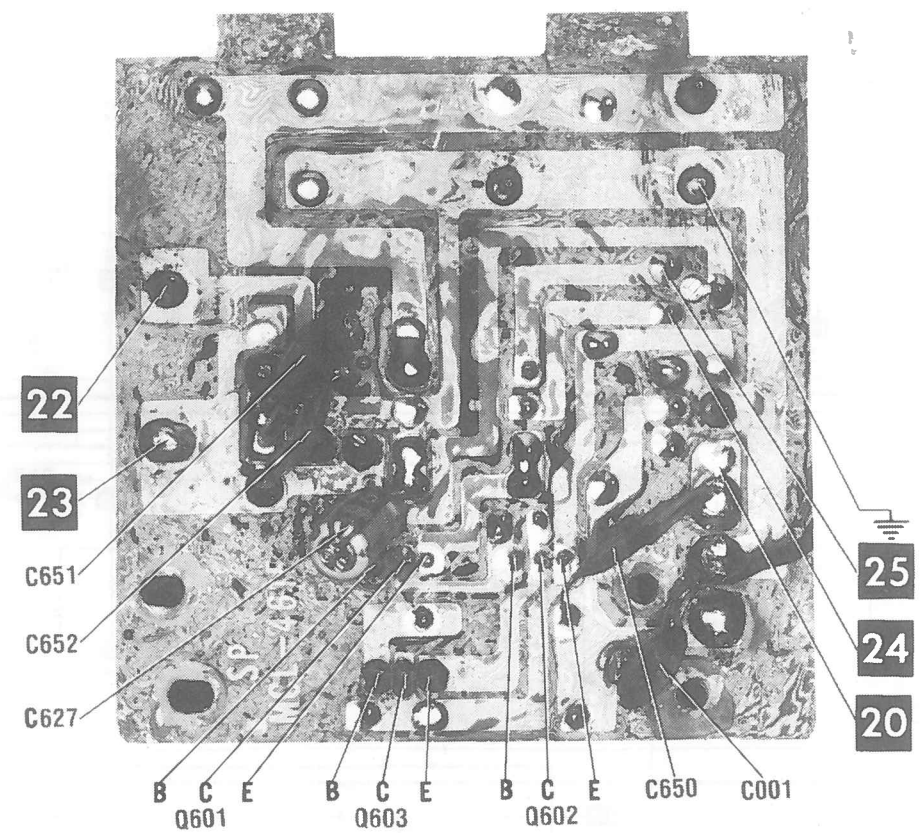
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HEADPHONE BOARD



SPEAKER JACK BOARD

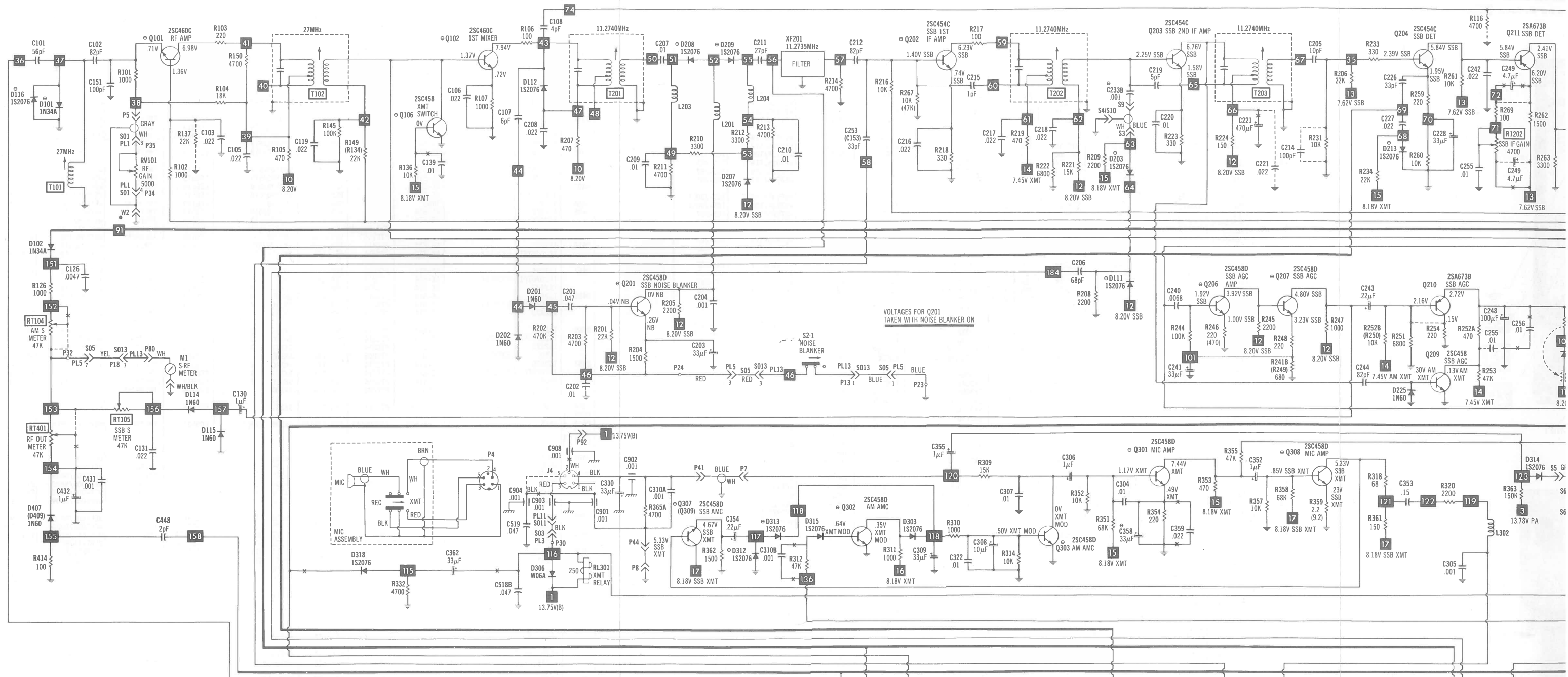


POWER SUPPLY BOARD

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

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

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA								
			GENERAL ELECTRIC PART No.	MALLORY PART No.	RAYTHEON PART No.	RCA PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.	
D313	1S2076	5330133	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
	GE-514		PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287		
	GE-514		PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287		
D314	1S2076	5330133 5330131	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
	GE-514		PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287		
	GE-514		PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287		
D315	1S2076	5330133 (1) 5330731	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D316	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D317	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D318	1S2076	5330133 (1) 5330731	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D401	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D404	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D406	1S2073	5330131 5330731	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D407	1S2473		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D408	HZ7C		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D409	1N60	5330131 5330731	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134/109	103-29001	
D410	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D411	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D451	1S2076	5330133	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D452	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D453	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D454	1S2076	5330133	GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D455	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D456	1S2473		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D457	1N60	5330731	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134/109	103-29001	
D458	1S2076		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D459	1S2473		GE-514	PTC214	REN 177	SK3100/519	ECG519	TM519	WEP925/519	103-287	
D460	1N60	5330731	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134/109	103-29001	
D504	W06A		5330341	GE-504A	PTC201	REN 116	SK3311	ECG116	TM116	WEP156	212-76-02
D601	S5VB			GE-504A	PTC201	REN 116	SK3311	ECG116	TM116	WEP156	212-76-02
D602	S5VB	GE-504A		PTC201	REN 116	SK3311	ECG116	TM116	WEP156	212-76-02	
D603	S5VB	GE-504A		PTC201	REN 116	SK3311	ECG116	TM116	WEP156	212-76-02	
D604	S5VB	5330341	GE-504A	PTC201	REN 116	SK3311	ECG116	TM116	WEP156	212-76-02	
D605	S5VB		GE-504A	PTC201	REN 116	SK3311	ECG116	TM116	WEP156	212-76-02	
D606	S5VB		GE-504A	PTC201	REN 116	SK3311	EC				

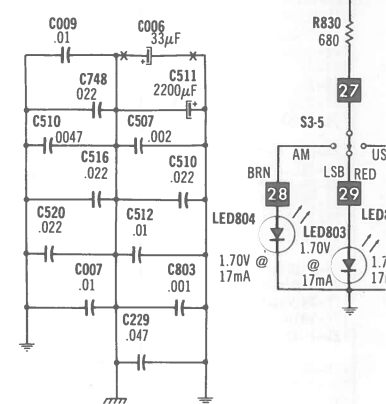
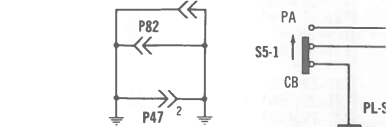
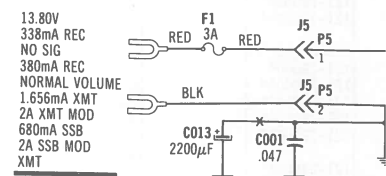
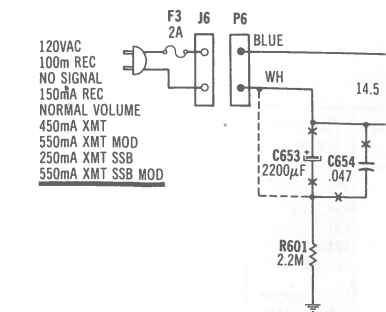
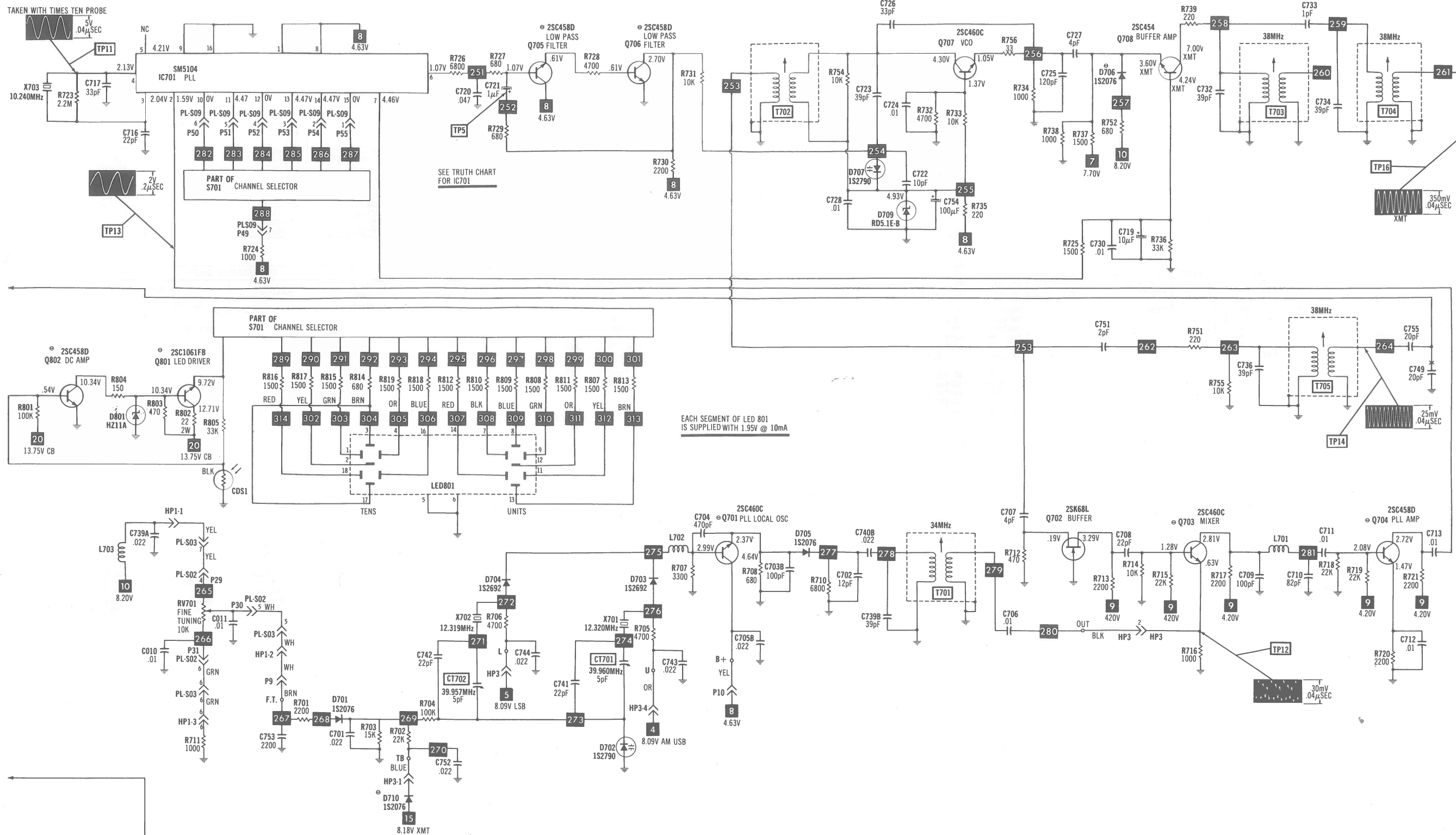


* Circuitry not used in some versions.
 --- Circuitry used in some versions.
 * Nominal value ▽ Common tie point
 ⊥ Ground
 [] Chassis
 e See parts list
 Waveforms and Voltages taken in Channel 19 with switching in receive unless noted. Item numbers in rectangles appear in the alignment/adjustment instructions. Supply voltage maintained as shown at input. Voltages measured with digital meter, no signal. Controls adjusted for normal operation. Terminal identification may not be found on unit. Resistors are 1/2W or less, 5% unless noted. Value () used in some versions. Arrow head(s) at coils and transformers indicates accessibility of tuning slug(s).

A PHOTOFACT STANDARD NOTATION SCHEMATIC
 WITH **CIRCUITRACE**
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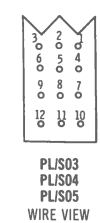
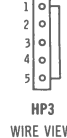
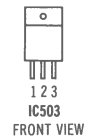
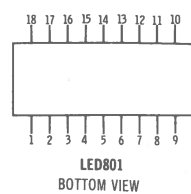
MAIN SCHEMATIC

MAIN SCHEMATIC

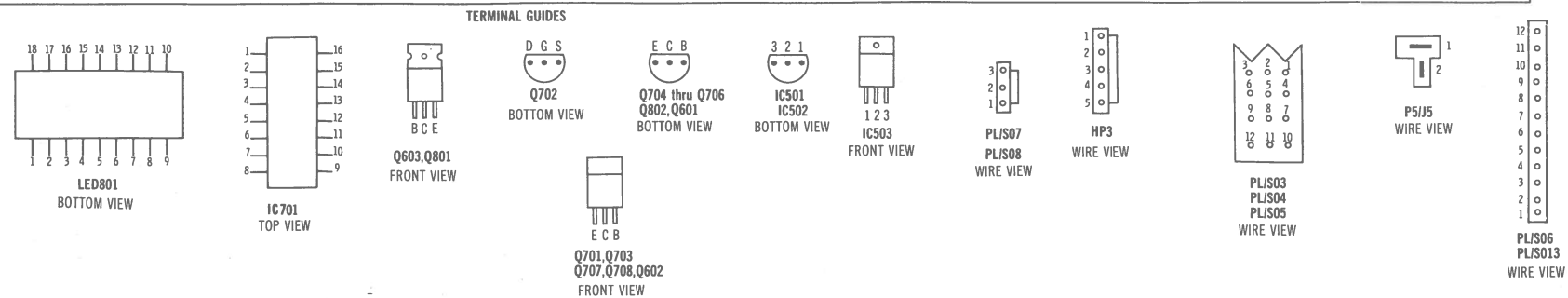
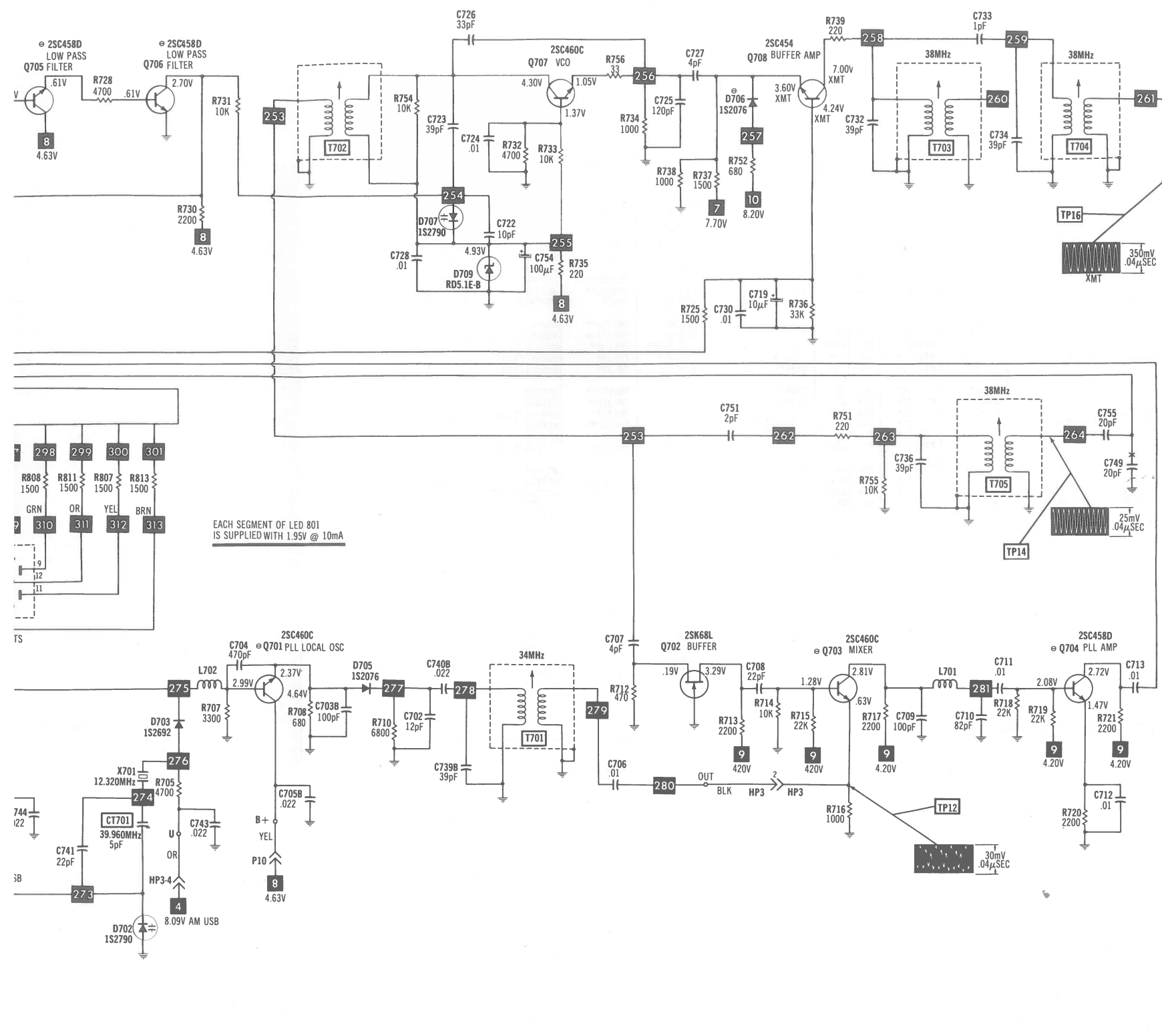


* Circuitry not used in some versions.
 --- Circuitry used in some versions.
 * Nominal value
 ▽ Common tie point
 ⊥ Ground
 ~ Chassis
 e See parts list

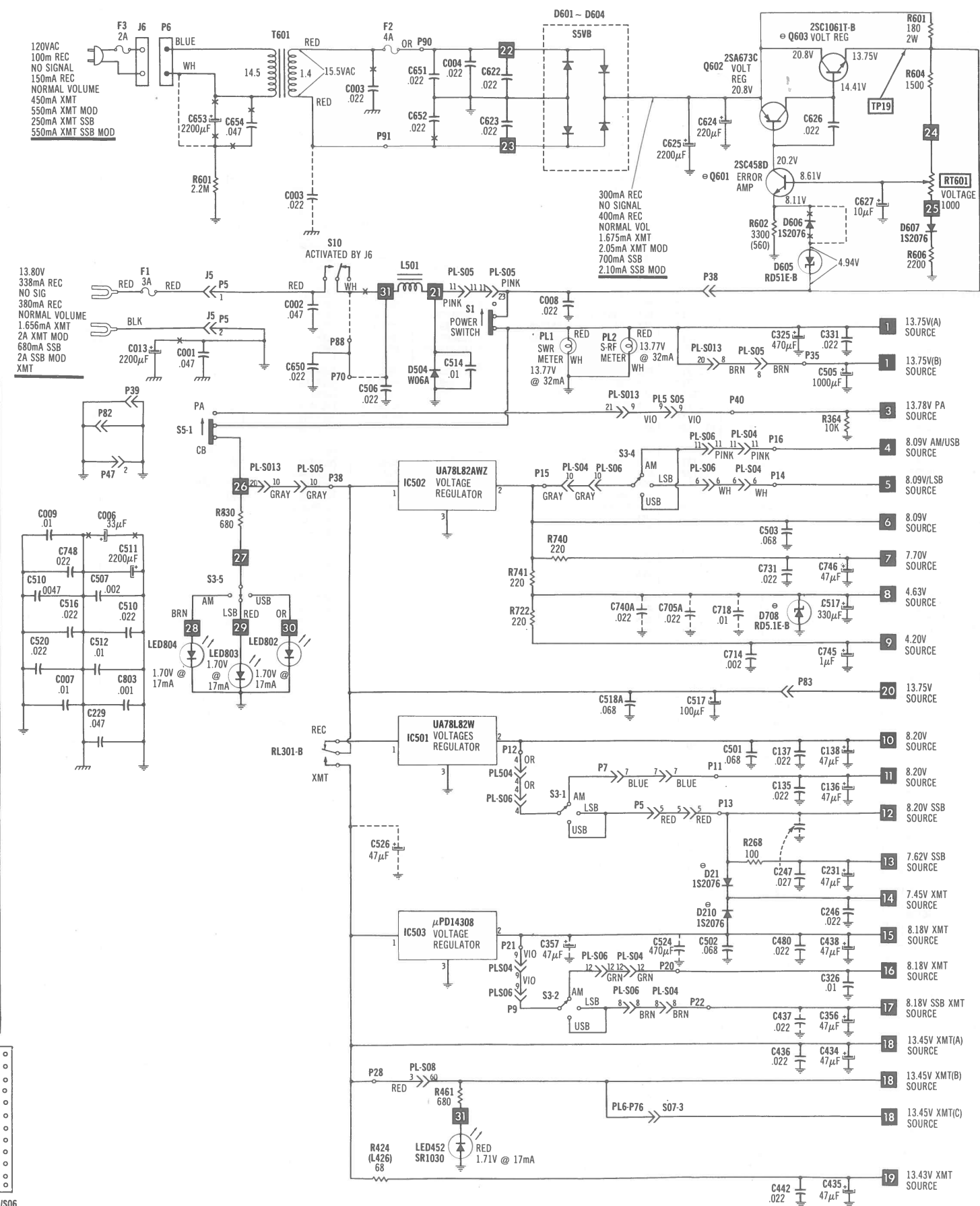
Waveforms and Voltages taken in Channel 19
 with switching in receive unless noted.
 Item numbers in rectangles appear in the
 alignment/adjustment instructions.
 Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 5% unless noted.
 Value in () used in some versions.
 Arrow head(s) at coils and transformers
 indicates accessibility of tuning slug(s).



PLL & CH. SELECTOR SCHEMATIC



PLL & CH. SELECTOR SCHEMATIC



POWER SUPPLY SCHEMATIC

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.	RAYTHEON PART No.	RCA PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
Q103	25C454C 25C454 25C839	0573492	GE-210 GE-210 GE-61*	PTC115* PTC115* PTC132*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3124/289	ECG289 ECG289 ECG123A*	TM289/** TM289/** TM123A*/**	WEP454 WEP454 WEP1945	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q104	25C454C 25C454 25C839	0573492	GE-210 GE-210 GE-61*	PTC115* PTC115* PTC132*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3124/289	ECG289 ECG289 ECG123A*	TM289/** TM289/** TM123A*/**	WEP454 WEP454 WEP1945	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q105	25C454C 25C454 25C839	0573492	GE-210 GE-210 GE-61*	PTC115* PTC115* PTC132*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3124/289	ECG289 ECG289 ECG123A*	TM289/** TM289/** TM123A*/**	WEP454 WEP454 WEP1945	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q106	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q107	25C460C 25C460 25C1739	0573487	GE-61* GE-61* GE-62	PTC136* PTC136* PTC121*	REN 107 REN 107 REN 123A*	SK3122 SK3122 SK3122	ECG107 ECG107 ECG123AP*	TM107/** TM107/** TM123A*	WEP460 WEP460 WEP736/123A*	121-Z9000* 121-Z9000* 121-Z9000A*
Q108	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q201	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q202	25C454C 25C458 25C839	0573492	GE-210 GE-210 GE-61*	PTC115* PTC121* PTC132*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3124/289	ECG289 ECG289 ECG123A*	TM289/** TM289/** TM123A*/**	WEP454 WEP458 WEP1945	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q203	25C454C 25C458 25C839	0573492	GE-210 GE-210 GE-61*	PTC115* PTC121* PTC132*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3124/289	ECG289 ECG289 ECG123A*	TM289/** TM289/** TM123A*/**	WEP454 WEP458 WEP1945	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q204	25C454C 25C458 25C839	0573492	GE-210 GE-210 GE-61*	PTC115* PTC121* PTC132*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3124/289	ECG289 ECG289 ECG123A*	TM289/** TM289/** TM123A*/**	WEP454 WEP458 WEP1945	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q205	25C460C 25C460 25C1739	0573487	GE-61* GE-61* GE-62	PTC136* PTC136* PTC121*	REN 107 REN 107 REN 123A*	SK3122 SK3122 SK3122	ECG107 ECG107 ECG123AP*	TM107/** TM107/** TM123A*	WEP460 WEP460 WEP736/123A*	121-Z9000* 121-Z9000* 121-Z9000A*
Q206	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q207	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q208	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q209	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q210	25A673B 25A673	5320592	GE-269 GE-269	PTC103* PTC103*	REN 290 REN 290	SK3114/290 SK3114/290	ECG290 ECG290	TM290 TM290	WEP911/290 WEP911/290	121-1019 121-1019
Q211	25A673B 25A673	5320592	GE-269 GE-269	PTC103* PTC103*	REN 290 REN 290	SK3114/290 SK3114/290	ECG290 ECG290	TM290 TM290	WEP911/290 WEP911/290	121-1019 121-1019
Q301	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q302	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q303	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q304	25C1061T-B 25C1061 25C1060	5320671	GE-66 GE-66 GE-57	PTC167 PTC167 PTC167	REN 152 REN 152 REN 184	SK3054/196 SK3054/196 SK3054/196	ECG152 ECG152 ECG184	TM152/** TM152/** TM184	WEP745/152 WEP745/152 WEP745/152	121-Z9002 121-Z9002 121-Z9002
Q305	25C1061T-B 25C1061 25C1060	5320671	GE-66 GE-66 GE-57	PTC167 PTC167 PTC167	REN 152 REN 152 REN 184	SK3054/196 SK3054/196 SK3054/196	ECG152 ECG152 ECG184	TM152/** TM152/** TM184	WEP745/152 WEP745/152 WEP745/152	121-Z9002 121-Z9002 121-Z9002
Q306	25C1061T-B 25C1061 25C1060	5320671	GE-66 GE-66 GE-57	PTC167 PTC167 PTC167	REN 152 REN 152 REN 184	SK3054/196 SK3054/196 SK3054/196	ECG152 ECG152 ECG184	TM152/** TM152/** TM184	WEP745/152 WEP745/152 WEP745/152	121-Z9002 121-Z9002 121-Z9002
Q307	25C1060 25C458D 25C458	5320064	GE-210 GE-210	PTC121* PTC121*	REN 289 REN 289	SK3124/289 SK3124/289	ECG289 ECG289	TM289/** TM289/**	WEP458 WEP458	121-Z9000A* 121-Z9000A*
Q308	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q309	25C458D 25C1906 25C917	5320064	GE-210 GE-86 GE-88*	PTC121* PTC132* PTC139*	REN 289 REN 108* REN 229*	SK3124/289 SK3293/107 SK3748/282	ECG289 ECG108* ECG229*	TM289/** TM108* TM229*	WEP458 WEP923/316* WEP956/229*	121-Z9000A* 121-Z9021* 121-Z9021*
Q401	25C757 25C839	5321431	GE-264 GE-61*	PTC158 PTC132*	REN 282 REN 123A*	SK3748/282 SK3124/289	ECG282 ECG123A*	TM282 TM123A*/**	WEP909/282 WEP1945	121-Z9000A*
Q402	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q403	25C1213C 25C1213 25C454	5320613	GE-268 GE-268 GE-210	PTC123* PTC123* PTC115*	REN 289 REN 289 REN 289	SK3122 SK3122 SK3124/289	ECG289 ECG289 ECG289	TM289 TM289 TM289/**	WEP910/289 WEP910/289 WEP454	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q404	25C2166 25C1909 25C2092	5321321	GE-215 GE-215 GE-337	PTC186 PTC186 PTC186	REN 235 REN 235 REN 235	SK3197/235 SK3197/235 SK3197/235	ECG235 ECG235 ECG235	TM235 TM235 TM235	WEP736/123A* WEP785/235 WEP840/236*	121-Z9039 121-Z9039 121-Z9039
Q405	25C1307 25C1969	5321492	GE-216 GE-216	PTC186 PTC186	REN 236 REN 236	SK3239/236 SK3239/236	ECG236 ECG236	TM236 TM236	WEP840/236 WEP840/236	121-Z9040 121-Z9040
Q406	25C458D 25C401 25C1740	5320064	GE-210 GE-86 GE-62	PTC121* PTC136* PTC121*	REN 289 REN 123A* REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG123A* ECG123AP*	TM289/** TM123A* TM123A*	WEP458 WEP56/108* WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*

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.	RAYTHEON PART No.	RCA PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
Q407	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q408	25A673C 25A673	5320593	GE-269 GE-269	PTC103* PTC103*	REN 290 REN 290	SK3114/290 SK3114/290	ECG290 TM290	TM290 WEP911/290	WEP911/290 WEP911/290	121-1019 121-1019
Q410	25C1368	5320064	GE-57	PTC904	REN 184	SK3190/184	ECG184	TM184	WEP913/295	121-Z9035
Q601	25C458D 25C458 25C1740		GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q602	25A673C 25A673		5320593	GE-269 GE-269	PTC103* PTC103*	REN 290 REN 290	SK3114/290 SK3114/290	ECG290 ECG290	TM290 WEP911/290	WEP911/290 WEP911/290
Q603	25C1061T-B 25C1061 25C1060	5320671	GE-66 GE-66 GE-57	PTC167 PTC167 PTC167	REN 152 REN 152 REN 184	SK3054/196 SK3054/196 SK3054/196	ECG152 ECG152 ECG184	TM152/** TM152/** TM184	WEP745/152 WEP745/152 WEP745/152	121-Z9002 121-Z9002 121-Z9002
Q701	25C460C 25C460 25C1739	0573487	GE-61* GE-61* GE-62	PTC136* PTC136* PTC121*	REN 107 REN 107 REN 123A*	SK3122 SK3122 SK3122	ECG107 ECG107 ECG123AP*	TM107/** TM107/** TM123A*	WEP460 WEP460 WEP736/123A*	121-Z9000* 121-Z9000* 121-Z9000A*
Q702	25K68L 25K106	5321501	GE-FET-1 GE-FET-1	PTC151* PTC151*	REN 133* REN 133*	SK3448 SK3448	ECG133* ECG133*	TM133* TM133*	WEP801/133* WEP801/133*	121-756* 121-756*
Q703	25C460C 25C460 25C1739	0573487	GE-61* GE-61* GE-62	PTC136* PTC136* PTC121*	REN 107 REN 107 REN 123A*	SK3122 SK3122 SK3122	ECG107 ECG107 ECG123AP*	TM107/** TM107/** TM123A*	WEP460 WEP460 WEP736/123A*	121-Z9000* 121-Z9000* 121-Z9000A*
Q704	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q705	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q706	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q707	25C460C 25C460 25C1739	0573487	GE-61* GE-61* GE-62	PTC136* PTC136* PTC121*	REN 107 REN 107 REN 123A*	SK3122 SK3122 SK3122	ECG107 ECG107 ECG123AP*	TM107/** TM107/** TM123A*	WEP460 WEP460 WEP736/123A*	121-Z9000* 121-Z9000* 121-Z9000A*
Q708	25C454C 25C454 25C839	0573492	GE-210 GE-210 GE-61*	PTC115* PTC115* PTC132*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3124/289	ECG289 ECG289 ECG123A*	TM289/** TM289/** TM123A*/**	WEP454 WEP454 WEP1945	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q801	25C1061T-B 25C1061 25C1060	5320671	GE-66 GE-66 GE-57	PTC167 PTC167 PTC167	REN 152 REN 152 REN 184	SK3054/196 SK3054/196 SK3054/196	ECG152 ECG152 ECG184	TM152/** TM152/** TM184	WEP745/152 WEP745/152 WEP745/152	121-Z9002 121-Z9002 121-Z9002
Q802	25C458D 25C458 25C1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*

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.	RAYTHEON PART No.	RCA PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
Q407	2SC458D 2SC458 2SC1740	5320064	GE-210 GE-210 REN-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q408	2SA673C 2SA673 2SC1368	5320593	GE-269 GE-269 GE-57	PTC103* PTC103* PTC904	REN 290 REN 290 REN 184	SK3114/290 SK3114/290 SK3190/184	ECG290 ECG290 ECG184	TM290 TM290 TM184	WEP911/290 WEP911/290 WEP913/295	121-1019 121-1019 121-29035
Q410	2SC458D	5320064	GE-210	PTC121*	REN 289	SK3124/289	ECG289	TM289/**	WEP458	121-Z9000A*
Q601	2SC458 2SC1740		GE-210 GE-62	PTC121* PTC121*	REN 289 REN 123A*	SK3124/289 SK3122	ECG289 ECG123AP*	TM289/** TM123A*	WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A*
Q602	2SA673C 2SA673 2SC1061T-B	5320593	GE-269 GE-269 GE-66	PTC103* PTC103* PTC167	REN 290 REN 290 REN 152	SK3114/290 SK3114/290 SK3054/196	ECG290 ECG290 ECG152	TM290 TM290 TM152/**	WEP911/290 WEP911/290 WEP745/152	121-1019 121-1019 121-Z9002
Q603	2SC1061 2SC1060	5320671	GE-66 GE-66 GE-57	PTC167 PTC167 PTC167	REN 152 REN 152 REN 184	SK3054/196 SK3054/196 SK3054/196	ECG152 ECG152 ECG184	TM152/** TM184	WEP745/152 WEP745/152	121-Z9002 121-Z9002
Q701	2SC460C 2SC460 2SC1739	0573487	GE-61* GE-61* GE-62	PTC136* PTC136* PTC121*	REN 107 REN 107 REN 123A*	SK3122 SK3122 SK3122	ECG107 ECG107 ECG123AP*	TM107/** TM107/** TM123A*	WEP460 WEP460 WEP736/123A*	121-Z9000* 121-Z9000* 121-Z9000A*
Q702	2SK68L 2SK106	5321501	GE-FET-1 GE-FET-1	PTC151* PTC151*	REN 133* REN 133*	SK3448 SK3448	ECG133* ECG133*	TM133* TM133*	WEP801/133* WEP801/133*	121-756* 121-756*
Q703	2SC460C 2SC460 2SC1739	0573487	GE-61* GE-61* GE-62	PTC136* PTC136* PTC121*	REN 107 REN 107 REN 123A*	SK3122 SK3122 SK3122	ECG107 ECG107 ECG123AP*	TM107/** TM107/** TM123A*	WEP460 WEP460 WEP736/123A*	121-Z9000* 121-Z9000* 121-Z9000A*
Q704	2SC458D 2SC458 2SC1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q705	2SC458D 2SC458 2SC1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q706	2SC458D 2SC458 2SC1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q707	2SC460C 2SC460 2SC1739	0573487	GE-61* GE-61* GE-62	PTC136* PTC136* PTC121*	REN 107 REN 107 REN 123A*	SK3122 SK3122 SK3122	ECG107 ECG107 ECG123AP*	TM107/** TM107/** TM123A*	WEP460 WEP460 WEP736/123A*	121-Z9000* 121-Z9000* 121-Z9000A*
Q708	2SC454C 2SC454 2SC839	0573492	GE-210 GE-210 GE-61*	PTC115* PTC115* PTC132*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3124/289	ECG289 ECG289 ECG123A*	TM289/** TM289/** TM123A*/**	WEP454 WEP454 WEP1945	121-Z9000A* 121-Z9000A* 121-Z9000A*
Q801	2SC1061T-B 2SC1061 2SC1060	5320671	GE-66 GE-66 GE-57	PTC167 PTC167 PTC167	REN 152 REN 152 REN 184	SK3054/196 SK3054/196 SK3054/196	ECG152 ECG152 ECG184	TM152/** TM152/** TM184	WEP745/152 WEP745/152 WEP745/152	121-Z9002 121-Z9002 121-Z9002
Q802	2SC458D 2SC458 2SC1740	5320064	GE-210 GE-210 GE-62	PTC121* PTC121* PTC121*	REN 289 REN 289 REN 123A*	SK3124/289 SK3124/289 SK3122	ECG289 ECG289 ECG123AP*	TM289/** TM289/** TM123A*	WEP458 WEP458 WEP736/123A*	121-Z9000A* 121-Z9000A* 121-Z9000A*

* Lead configuration may vary from original.

/** Also available as exact type replacement.

(1) Used in some versions.

(4) Four required.

SEARS MODEL 934.38310700

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA					
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.		
					Q-LINE	GENERAL LINE	
C012	100 16V	0252531	PC100-16	VTT100F16	QV1-95	EV-1231	
C115	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-25	EV-1618.1	
C121	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-25	EV-1618.1	
C125	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C127	10 25V	0252621	PC10-25	VTT10B25		EV-1422	
C130	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C133	33 10V	0252223	PC30-25	VTT33B10		EV-1225	
C136	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C138	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C203	33 10V	0252223	PC30-25	VTT33B10		EV-1225	
C213	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C221	470 10V		PC500-16	VTT470K16	QV1-151	EV-1251	
C228	33 10V	0252323	PC30-25	VTT33B10		EV-1225	
C231	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C241	33 10V	0252223	PC30-25	VTT33B10		EV-1225	
C243	.22 25V	0252611		TDC224M050EL	QDT1-10	SD50-R229	
C248	100 10V	0252231	PC100-10	VTT100E10	QV1-93	EV-1131	
C249	4.7 25V	0252615	PC5-50	VTT4R7B50	QV1-31	EV-1619.1	
C251	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C252	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C306	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C308	10 25V	0252621	PC10-25	VTT10B25		EV-1422	
C309	33 10V	0252223	PC30-25	VTT33B10		EV-1225	
C311	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615	
C313	.33 25V			TDC334M050EL	QDT1-14	SD50-R339	
C317	470 25V	0256008	WBR500-25*	VTT470M25	QV1-157	EV-1451	
C319	100 10V	0252531	PC100-10	VTT100E10	QV1-93	EV-1131	
C324	100 16V	0252531	PC100-16	VTT100F16	QV1-95	EV-1231	
C325	470 25V	0256008	WBR500-25*	VTT470M25	QV1-157	EV-1451	
C327B	330 16V	0252533	WBR300-35*	VTT330H16	QV1-133	EV-1245	
C328B	33 25V	0252623	PC30-25	VTT33D25	QV1-63	EV-1325	
C330	33 25V		PC30-25	VTT33D25	QV1-63	EV-1325	
C352	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C354	.22 25V			TDC224M050EL	QDT1-10	SD50-R229	
C355	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C356	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C358	33 10V		PC30-25	VTT33B10		EV-1225	
C360	4.7 25V	0252615	PC5-50	VTT4R7B50	QV1-31	EV-1619.1	
C362	33 25V		PC30-25	VTT33D25	QV1-63	EV-1325	
C430	4.7 50V		PC5-50	VTT4R7B50	QV1-31	EV-1619.1	
C432	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C434	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C435	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C438	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C455	10 25V	0252621	PC10-25	VTT10B25		EV-1422	

PARTS LIST AND DESCRIPTION (CONTINUED)

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

ELECTROLYTIC CAPACITORS (cont)

ITEM No.	RATING	REPLACEMENT DATA					
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.		
					Q-LINE	GENERAL LINE	
C505	1000 16V	0256010	PC1000-16	VTT1000L16	QV1-183	EV-1261	
C511	2200 25V	0256110	WBR2000-25*	TC2520A*	QV1-645*	TVA-1213.5*	
C517	100 16V	0252531	PC100-16	VTT100F16	QV1-95	EV-1231	
C524	470 25V	0256008					
C624	2200 25V	0256110	WBR2000-25*	TC2520A*	QV1-645*	TVA-1213.5*	
C625	2200 25V	0256110	WBR2000-25*	TC2520A*	QV1-645*	TVA-1213.5*	
C627	10 25V	0252621	PC10-25	VTT10B25		EV-1422	
C653	2200 25V	0256110	WBR2000-25*	TC2520A*	QV1-645*	TVA-1213.5*	
C719	10 25V	0252621	PC10-25	VTT10B25		EV-1422	
C721	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C738	330 6.3V	0252233	WBR300-35*	VTT330G10	QV1-131	EV-1145	
C745	1 50V	0252611	PC1-50	VTT1A50	QV1-11	EV-1615	
C746	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226	
C754	100 10V	0252231	PC100-10	VTT100E10	QV1-93	EV-1131	

*Axial replacement for radial device.

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA						
			CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.				
					Q-LINE	GENERAL LINE			
C001	.022	0248646 0248644	DPMS2S47	EWF1A147	QF1-171	HY-625			
C002	.047					1PB-S47			
C003	.022					HY-625			
C004	.022					HY-625			
C006									
C007	.01		NP082	MAG5011					
C008	.022								
C009	.01								
C010	.01								
C011	.01								
C101	56		NP082	CNO456			10TCC-Q56		
C102	82 10%						10TCC-Q82		
C103	.022 50V						192P2239R8		
C105	.022 50V						192P2239R8		
C106	.022 50V						192P2239R8		
C107	6		NP010						
C108	4								
C109	10						10TCC-Q10		
C110	.022 50V						192P2239R8		
C111	.022 50V						192P2239R8		
C112	.022 50V		NP02P2	M192P2239R8			192P2239R8		
C113	2						CNO522	10TCC-V22	
C114	.022 50V						M192P2239R8	192P2239R8	
C116	.022 50V						M192P2239R8	192P2239R8	
C117	.022 50V						M192P2239R8	192P2239R8	
C118	.022 50V		DPMS2S47	M192P2239R8			192P2239R8		
C119	.022 50V						M192P2239R8	192P2239R8	
C122	.001						GP210	10TS-D10	
C123	.022 50V						M192P2239R8	192P2239R8	
C124	.047 50V						EWF1A147	QF1-171	
C126	.0047		DPMS6D1	M192P4729R8			192P4729R8		
C128	.001 50V						EWF1A210	1PB-D10	
C129	.022 50V						M192P2239R8	192P2239R8	
C131	.022 50V						M192P2239R8	192P2239R8	
C132	.022 50V						M192P2239R8	192P2239R8	
C134	.001 50V		DPMS6D1	EWF1A210			1PB-D10		
C135	.022						HY-625		
C137	.022						HY-625		
C139	.01								
C140	120 10%						MAG5011		
C141	.001 50V		DPMS6D1 NP047	CNO312 EWF1A210 CNO447	QF1-1		10TCC-T12		
C142	47						1PB-D10		
C143	.022						10TCC-Q47		
C144	.047 50V						HY-625		
C201	.047 50V						DPMS2S47	EWF1A147	QF1-171
C202	.01	DPMS2S47	EWF1A147	QF1-171		1PB-S47			
C204	.001					MAG5011			
C205	10					GP210	10TS-D10		
C206	68					CNO410	10TCC-Q10		
C207	.01					CNO468	10TCC-Q68		
C208	.022	NP010 NP068	MAG5011						
C209	.01								
C210	.01					MAG5011			
C211	27					MAG5011			
C212	82 10%					CNO427	10TCC-Q27		
C214	100	NP082 NP0100	CNO482 CNO310 CNO510			10TCC-Q82			
C215	1					10TCC-T10			
C216	.022					10TCC-V10			
C217	.022					HY-625			
C218	.022					HY-625			
C219	5	NP04P7	CNO547 MAG5011			HY-625			
C220	.01					10TCC-V47			
C221									
C222	27					CNO427	10TCC-Q27		
C225	.022						HY-625		
C226	33	NP033	CNO433			10TCC-Q33			
C227	.022					HY-625			
C229	.047					DPMS2S47	EWF1A147	QF1-171	1PB-S47
C230	27					CNO427	10TCC-Q27		
C232	.001					GP210	10TS-D10		
C233A	.047	DPMS2S47	EWF1A147			1PB-S47			
C233B	.001					GP210	10TS-D10		
C234	27					CNO427	10TCC-Q27		
C235	10					CNO410	10TCC-Q10		
C236	10					CNO410	10TCC-Q10		
C238	.022	NP047 WMF1D68				HY-625			
C239	47					CNO447	10TCC-Q47		
C240	.0068 50V					EWF1A268	1PB-D68		
C242	.022 50V					M192P2239R8	192P2239R8		
C244	82 10%					NP082	CNO482	10TCC-Q82	
C245	22	NP022	CNO422	10TCC-Q22					

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C246	.022					HY-625
C250	.022					HY-625
C253	33					10TCC-Q33
C254	.022		NP033	CN0433		HY-625
C255	.01					
C256	.01			MAG5011		
C304	.01 50V			MAG5011		
C305	.001		WMF1S1	EWFA1A110	QF1-91	1PB-S10
C307	.01			GP210		10TS-D10
C310A	.001			MAG5011		
C310B	.001 50V			GP210		
C312	.001		DPMS6D1	EWFA1A210	QF1-1	10TS-D10
C314	.01 50V			GP210		1PB-D10
C315	.022 50V		WMF1S1	EWFA1A110	QF1-91	10TS-D10
C316	.001 50V			M192P2239R8		1PB-S10
C318	.0047 50V		DPMS6D1	EWFA1A210	QF1-1	192P2239R8
C320	.022			M192P4729R8		1PB-D10
C321	.01					192P4729R8
C322	.01 50V			MAG5011		HY-625
C323	.01		WMF1S1	EWFA1A110	QF1-91	
C326	.01			MAG5011		1PB-S10
C327A	.001			MAG5011		
C328A	.047			GP210		
C331	.022		DPMS2S47	EWFA1A147	QF1-171	10TS-D10
C353	.15 50V					1PB-S47
C359	.022		WMF05P15	EWFO5015		HY-625
C361	.001					431P1549R5
C401	150 10%			GP210		HY-625
C402	100			GP315		10TS-D10
C403	.001 50V		NP0100	CN0310	QF1-1	10TS-T15
C404	3		DPMS6D1	EWFA1A210		10TCC-T10
C405	3		NP03P3	CN0533		1PB-D10
C406	100 NPO 10%		NP03P3	CN0533		10TCC-V33
C407	.022		NP0100	CN0310		10TCC-V33
C408	100 NPO 10%					10TCC-T10
C409	100 NPO 10%		NP0100	CN0310		HY-625
C410	180 5%		NP0100	CN0310		10TCC-T10
C411	.022					10TCC-T10
C412	.047		DPMS2S47	EWFA1A147	QF1-171	HY-625
C413	.01			MAG5011		1PB-S47
C415	22		NP022	CN0422		
C416	220 10%					10TCC-Q22
C417	68		NP068	CN0468		10TCC-T22
C418	220 10%					10TCC-Q68
C420	.022					10TCC-T22
C421	150 NPO 5%					HY-625
C423	150 10%			CN0315		10TCC-T15
C426	150 NPO 5%			CN0315		10TCC-T15
C427	120 10%			CN0315		10TCC-T15
C428	2		NP02P2	CN0312		10TCC-T12
C429	.001			CN0522		10TCC-V22
C431	.001			GP210		10TCC-T12
C433	120 10%			GP210		10TS-D10
C436	.022			CN0312		10TS-D10
C437	.022					10TCC-T12
C439	.022					HY-625
C440	.022					HY-625
C441	100		NP0100	CN0310		HY-625
C442	.022					10TCC-T10
C444	.022					HY-625
C446	.022					HY-625
C448	2		NP02P2			HY-625
C451	120 10%			CN0522		10TCC-V22
C452	120 10%			CN0312		10TCC-T12
C454	.01			CN0312		10TCC-T12
C456	.047		DPMS2S47	MAG5011		
C457	.047		DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C458	.022			EWFA1A147	QF1-171	1PB-S47
C459	.022					HY-625
C480	.022					HY-625
C481	68					HY-625
C483	56		NP068	CN0468		10TCC-Q68
C484	.001			CN0456		10TCC-Q56
C485	180 N150 10%			GP210		10TS-D10
C486	180 N150 10%			*		10TCP-T18
C489	56			*		10TCP-T18
C501	.068 50V		WMF1S68	CN0456	QF1-195	10TCC-Q56
C502	.068 50V		WMF1S68	EWFA1A168	QF1-195	1PB-S68
C503	.068 50V		WMF1S68	EWFA1A168	QF1-195	1PB-S68
C506	.022			EWFA1A168		1PB-S68
C507	.022					HY-625
C510	.022					HY-625
C512	.01					HY-625
C514	.01			MAG5011		
C516	.047		DPMS2S47	MAG5011		
C518A	.068 50V		WMF1S68	EWFA1A147	QF1-171	1PB-S47
C518B	.047		WMF1S68	EWFA1A168	QF1-195	1PB-S68
C519	.047		DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C520	.022		DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C622	.022					HY-625
C623	.022					HY-625
C626	.022					HY-625
C650	.022					HY-625
C651	.022					HY-625
C652	.022					HY-625
C654	.047		DPMS2S47	EWFA1A147	QF1-171	HY-625
C701	.022					1PB-S47
C702	12					HY-625
C703A	.022			CN0412		10TCC-Q12
C703B	100 10%		NP0100	CN0310		HY-625
C704	470 10%		GP470	GP347		10TCC-T10
C705A	.022					10TS-T47
C705B	.022					HY-625
C706	.01			MAG5011		HY-625

SEARS MODEL 934.38310700

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C707	4	0248644	NP022	CN0422	QF1-171	10TCC-Q22
C708	22		NP0100	CN0310		10TCC-T10
C709	100		NP082	CN0482		10TCC-Q82
C710	82 10%			MAG5011		
C711	.01			MAG5011		
C712	.01			MAG5011		
C713	.01					HY-625
C714	.022		NP022	CN0422		10TCC-Q22
C716	22		NP033	CN0433		10TCC-Q33
C717	33		DPMS2S47	MAG5011		1PB-S47
C718	.01			EW1A147		10TCR-Q10
C720	.047 50V			*		10TCU-Q39
C722	10 N220			CN7439		
C723	39 N750			MAG5011		
C724	.01			*		10TCR-T12
C725	120 N220 10%		N33	CN7433		10TCU-Q33
C726	33 N750					
C727	4			MAG5011		
C728	.01			MAG5011		
C730	.01					HY-625
C731	.022					10TCC-Q39
C732	39			CN0439		10TCC-V10
C733	1			CN0510		10TCC-Q39
C734	39			CN0439		10TCC-Q39
C736	39			CN0439		HY-625
C739A	.022			*		10TCR-Q39
C739B	39 N220 10%					HY-625
C740A	.022					10TCC-Q33
C740B	33		NP033	CN0433		10TCC-Q22
C741	22		NP022	CN0422		10TCC-Q22
C742	22		NP022	CN0422		HY-625
C743	.022					HY-625
C744	.022					HY-625
C748	.022		NP020	CN0420		10TCC-Q20
C749	20		NP02P2	CN0522		10TCC-V22
C751	2					HY-625
C752	.022					HY-625
C753	.022			CN0427		10TCC-Q27
C755	27			GP210		10TS-D10
C801	.001			GP210		10TS-D10
C802	.001			GP210		10TS-D10
C803	.001					
C901						
C902						
C903						
C904						
C905						
C906						
C907						
C908						
CT202	5	5058104				
CT203	5	5058104				
CT701	5	5058104				
CT702	5	5058104				

*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	RESISTANCE	REPLACEMENT DATA		
			MFR. PART No.	MALLORY PART No.	TRW PART No.
RT101	AM IF Gain	1000	0151883	RVA0911H102	U260R102B
RT102	AM Squelch Range	10K	0151886	RVA0911H103	U260R103B
RT103	SSB Squelch Range	10K	0151886	RVA0911H103	U260R103B
RT104	AM S Meter	47K	0151888	RVA0911H503	U260R503B
RT105	SSB S Meter	47K	0151888	RVA0911H503	U260R503B
RT202	SSB IF Gain	4700	0151885	RVA0911H502	U260R502B
RT203	Carrier Balance	10K	0151886	RVA0911H103	U260R103B
RT301	AM Power	220	0151881		
RT401	RF Out Meter	47K	0151888	RVA0911H503	U260R503B
RT402	SSB ALC	10K	0151886	RVA0911H103	U260R103B
RT403	Driver Bias	220	0151881		
RT404	Final Bias	220	0151881		
RT451	SWR Alert	20K		RVA1214H253	X201R253B
RT452	SWR Cal	5000		RVA1214H502 (2)	X201R502B (2)
RT601	Voltage	1000	0151883	RVA0911H102	U260R102B
RV101	RF Gain	5000	5023009		
RV102	Squelch	10K	5023008		
RV301	Volume	10K	0171553		
RV302	Tone	20K	5023007		
RV401	SWR Cal	10K	5023006		
RV701	Fine Tune	10K	5023006		

(2) Cut off one of the end terminals and bend to fit P.C. Board.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L201	RF Choke (22uH)	5152078			
L203	RF Choke (33uH)	5152081			
L204	RF Choke (33uH)	5152081			
L302	RF Choke (33uH)	5152081			
L402	RF Choke (.5uH)	5123271			
L403A	RF Choke (10uH)	5152014			
L403B	RF Choke (10uH)	5152014			
L405	RF Choke (.33uH)	5150072			
L407	Ant Matching (.33uH)	5150072			
L409	Pi Filter				
L410	Loading Final				
L701	RF Choke (68uH)	5152085			
L702	RF Choke (3.3uH)	5152067			

PARTS LIST AND DESCRIPTION (CONTINUED)

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

COILS (RF-IF)(cont)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L703	RF Choke (3.3uH)	5152121		5219	
L761	RF Choke (4.7uH)	5152121		5219	
L762	RF Choke (4.7uH)	5152121		5219	
L763	RF Choke (4.7uH)	5152121		5219	
T101	Rec Antenna (27MHz)	5126372			
T102	Rec RF (27MHz)	5120099			
T103	Mixer (27MHz)	0322341		CBS723-TC	
T104	AM IF (455kHz)	1322116		CBS510-1TC	
T105	AM IF (455kHz)	0322146		8517	
T106	AM IF (455kHz)	5132031		CBS503-4TC	
T201	Mixer (11.2740MHz)	5142026		8518	
T202	SSB IF (11.2740MHz)	0322341			
T203	SSB IF (11.2740MHz)	0322341		CBS510-1TC	
T401	XMT Mixer (27MHz)	5126374		CBS510-1TC	
T402	XMT Mixer (27MHz)	5123261			
T403	XMT Mixer (27MHz)	5123261			
T404	XMT Mixer (27MHz)	5123261			
T405	Buffer (27MHz)	5123375			
T406	Driver (27MHz)	5123007			
T407	Final (27MHz)	5126292		CB143	
T701	PLL Local Osc (34MHz)	5123261			
T702	VCO	5123269			
T703	Buffer (38MHz)	5123261			
T704	Buffer (38MHz)	5123261			
T705	Buffer (38MHz)	5123261			

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.	
L501	2.5A	.2	1.5mH	5220002			

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T301	3	1	1	0441114	TR643		

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T302	16	1 2 8 4	5250191			

TRANSFORMER (Power)

ITEM No.	RATING		REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T601	120V AC @ .55A AC	15.50V AC @ 3.5A AC @ 2.1A DC	5212081		PCB-2	

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP	" X 5" PM 8 Ohms	5415001	35A05Z8	

SEARS MODEL 934.38310700

PARTS LIST AND DESCRIPTION (CONTINUED)

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

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA					
		PART No.		BUSS PART No.		LITTELFUSE PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	WORKMAN PART No.
F1	3A Quick Acting	4720245	5722101	AGC3	HRK	312003	150145
F2	4A Quick Acting			AGC4	HKP	311004	342013AL
F3	2A Quick Acting			AGC2	HRR	312002	150145
							FG3-2
							FG2-2

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CDS1	Photoelectric Cell	5380191	CDS
CF101	Filter	5160011	(455kHz)
J1	Jack	5673101	Ext Speaker
J2	Jack	5673101	PA
J3	Jack	5674071	Headphone
J4	Jack	5677121	Mic (5 Pin)
J5	Jack	5892751	DC Power
J6	Jack	5652002	AC Power
J15	Jack	5675152	Antenna
LED301	LED	5380182	(2.10V @ 25mA)
LED302	LED	5380182	(1.50V @ 5mA) (USB)
LED303	LED	5380182	(1.50V @ 5mA) (LSB)
LED401	LED	5380182	(1.52V @ 5mA) (AM)
LED451	LED	5380182	(1.69V @ 15mA)
LED452	LED	5380052	(1.71V @ 17mA)
LED801	LED	5310141	Tens & Units (1.95V @ 10mA)
LED802	LED	5380182	(1.70V @ 17mA)
LED803	LED	5380182	(1.70V @ 17mA)
LED804	LED	5380182	(1.70V @ 17mA)
Mic	Microphone	5421391	Complete Assembly
M1	Meter	5554352	S-RF
M2	Meter	5554351	SWR
NL1	Neon Blub	0594094	
P4	Plug		Mic (5 Pin)
P5	Plug	5892751	DC Power
P6	Plug	5652002	AC Power
PL1	Lamp	5760652	SWR Meter Illumination (13.77V @ 32mA)
PL2	Lamp	5760652	S-RF Meter Illumination (13.77V @ 32mA)
RL301	Relay	5640062	XMT 2550 Ohm
S1	Switch	5634121	Power
S2	Switch	5634121	Noise Blanker
S3	Switch	5613122	Mode LSB/USB/AM
S4	Switch	5634121	Cal On/Off (Push)
S5	Switch	5634121	PA/CB (Push)
S701	Switch	5612221	Channel Selector
X701	Crystal	5780284	XMT/Rec (Part of Mic Assembly)
X702	Crystal	5780283	(12.320MHz)
X703	Crystal	5780281	(12.319MHz)
XF201	Filter	5161011	(10.240MHz)
	Cord	5747161	(11.2735MHz) XF-11
	Cord	5746401	AC Power
X101	Crystal	5780167	DC Power
X201	Crystal	5780169	(11.730MHz)
X202	Crystal	5780168	(11.275MHz)
			(11.272MHz)

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

ITEM	PART No.	ITEM	PART No.
Bottom Cover	6147932	Knob Assembly	6298471
Front Case Assembly	6138631	Pushbutton	6259592
Knob Assembly	6286807	Slide Knob	6295091

WIRING DATA

Cable (Speaker)(Unshielded).....	Use BELDEN No. 8782 (AWG24)(4 colors)
Shielding Strap.....	Use BELDEN No. 8660 (3/16" width)
Hook-up Wire (General Use).....	Use BELDEN No. 8524 (AWG22)(13 colors)
Hook-up Wire (Shielded).....	Use BELDEN No. 8401 (Braided Shield)(1 conductor)(AWG25)
	Use BELDEN No. 8421 (Spiral Shield)(1 conductor)(AWG25)
	Use BELDEN No. 8737 (Spiral Shield)(2 conductor)(AWG22)
Coax (Transmission Line)	Use BELDEN No. 8216 (RG-174/U, 50 ohms)
AC Power Cord.....	Use BELDEN No. 17106 (6 ft.)(2 conductors)
AC Power Cord.....	Use BELDEN No. 17109 (9 ft.)(2 conductors)