



PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

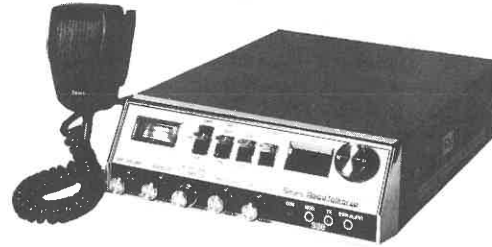
Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license.

(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 934.38270700

MANUFACTURER'S SPECIFICATIONS

Receiver

Frequency Coverage :	All 40 Channels lower side band, upper side band, or AM 26.965 to 27.405 MHz
Sensitivity :	AM : $0.5\mu\text{V}$ for 10 dB S + N/N SSB : $0.1\mu\text{V}$
Selectivity :	AM : $50\text{ dB} \pm 10\text{ kHz}$ SSB : $60\text{ dB} \pm 5\text{ kHz}$
IF Frequency :	AM : 1st IF = 11.275 MHz 2nd IF = 455 kHz SSB : 11.273 MHz
Audio Output :	4W (T.H.D. 10%)
Frequency Response :	400—2000 Hz
Squelch :	Adjustable

Transmitter

Frequency Coverage :	All 40 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 (P.E.P.)
Emission :	AM : 6A3 SSB : 3A3J
Modulation Capabilities :	$\pm 85\%$
Spurious Radiation :	Better than 60 dB
Frequency Tolerance :	0.002%
Antenna Impedance :	50 ohms
SEMICONDUCTORS :	6 IC 54 Transistors (include 2 FET) 67 Diodes
MICROPHONE :	Dynamic
POWER REQUIREMENTS :	AC : 120V, 60 Hz DC : 13.8V positive or negative ground
DIMENSIONS :	2-3/4" (H) $\times$ 9-1/16" (W) $\times$ 12-5/8" (D)
WEIGHT :	8 lbs. 13 oz.

Courtesy of the Manufacturer

SEARS MODEL 934.38270700

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

© 1979 Howard W. Sams & Co., Inc. Printed in U. S. of America 9CF970

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 TP9 (Q601 Emitter). 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:

L101, T101, T102, T132, T134, T151,
T152, T301, T302, T303, T304, T703 9440
T131, T351 5000,5009,8276,8728,8728A
T103, T201, T202 5009,8728,8728A
L702, L704 8282,9304,8728,8728A
T701, T702, T704 9440
CT301, CT302, CT351, CT352 5000,8276

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of DC meter to TP1 (Q306 Collector).	Ch. 19	T302	Adjust for 2.40 volts. Check for approximately 3.00 volts on Channel 1 and approximately 1.60 volts on Channel 40.
Input of oscilloscope to TP2 (IC301 Pin 2).	Ch. 19	T301	Adjust for maximum RF. (1.6V p-p typical.)
Input of oscilloscope to TP3 (T304 Secondary).	Ch. 19	T303,T304	Adjust for maximum RF. (15mV p-p typical.)
Input of frequency counter to TP3 (T304 Secondary).	Ch. 1, USB Fine Tune Midrange	CT301	Adjust for 38.240MHz $\pm$ 50Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP3 (T304 Secondary).	Ch. 1, LSB Fine Tune Midrange	CT302	Adjust for 38.237MHz $\pm$ 50Hz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP2 (IC301 Pin 2).	Ch. 1, USB		Check for 1.280MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP4 (IC131 Pin 3).	Ch. 19, USB	CT351	Adjust for 11.275MHz $\pm$ 50Hz.
Input of frequency counter to TP4 (IC131 Pin 3).	Ch. 19, LSB	CT352	Adjust for 11.272MHz $\pm$ 50Hz.

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 as indicated; unless otherwise noted:
RF Gain Maximum, Fine Tuning Midrange, Squelch MINIMUM, NB Off, Tone High.

AM

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP5 (Q103 Base). 455kHz, 1000Hz @ 30% modulation.	Ch. 19	T202,T201, T103	Adjust for maximum output.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19	T102,T101, L101	Adjust for maximum output. Readjust T103, T201 and T202 for maximum.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Input of oscilloscope to TP6 (Q154 Base).	Ch. 19	T151,T152	Set generator output to 10db signal to noise plus noise ratio of receiver. Inject a 100pps, 1uSec. pulse width signal at antenna input. Switch noise blanker to on and adjust for maximum pulse amplitude.

RECEIVER ADJUSTMENTS

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

AM

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output .25uV.	Ch. 19	RT101	AM IF GAIN Adjust for best signal to noise ratio.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19 Squelch Maximum	RT202	AM SQUELCH RANGE Adjust so squelch just breaks.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19	RT201	AM S METER Adjust for 9 on S scale of meter.

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 as indicated; unless otherwise noted:
RF Gain Maximum, Squelch MINIMUM, Fine Tuning Midrange, ANL Off, NB Off, Tone High.

SSB

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP7 (Q102 Base). 11.275MHz, no modulation.	Ch. 19, USB	T134, T132, T131	Adjust for maximum output.
Output of signal generator thru .01uF to antenna input. 27.186MHz, no modulation.	Ch. 19, USB	T101, L101	Adjust for maximum output. Readjust T131, T132 and T134 for maximum.

RECEIVER ADJUSTMENTS

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

SSB

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna input. 27.186MHz, no modulation. Output .25uV.	Ch. 19, USB	RT131	SSB IF GAIN Adjust for best signal to noise ratio.
Output of signal generator thru .01uF to antenna input. 27.186MHz, no modulation. Output .1uV. Input of DC meter to TP8 (D134 Cathode).	Ch. 19, USB	RT251	SSB AGC Adjust for 2.00 volts.
Output of signal generator thru .01uF to antenna input. 27.186MHz, no modulation. Output 100uV.	Ch. 19, USB Squelch Maximum	RT252	SSB SQUELCH RANGE Adjust so squelch just breaks.
Output of signal generator thru .01uF to antenna input. 27.186MHz, no modulation. Output 100uV.	Ch. 19, USB	RT253	SSB S METER Adjust for 9 on S scale of meter.

SEARS MODEL 934.38270700

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	TRANSCIEVER	ADJUST	REMARKS
Input of oscilloscope to antenna input. Inject a two tone, 20mV signal at mic input.	Ch. 19, USB SWR/RF/CAL RF	T132,T351, T701,T702, T703,T704, L702,L704	Set RT701 to MINIMUM (fully clockwise). Adjust for maximum RF output.

TRANSMITTER ADJUSTMENTS

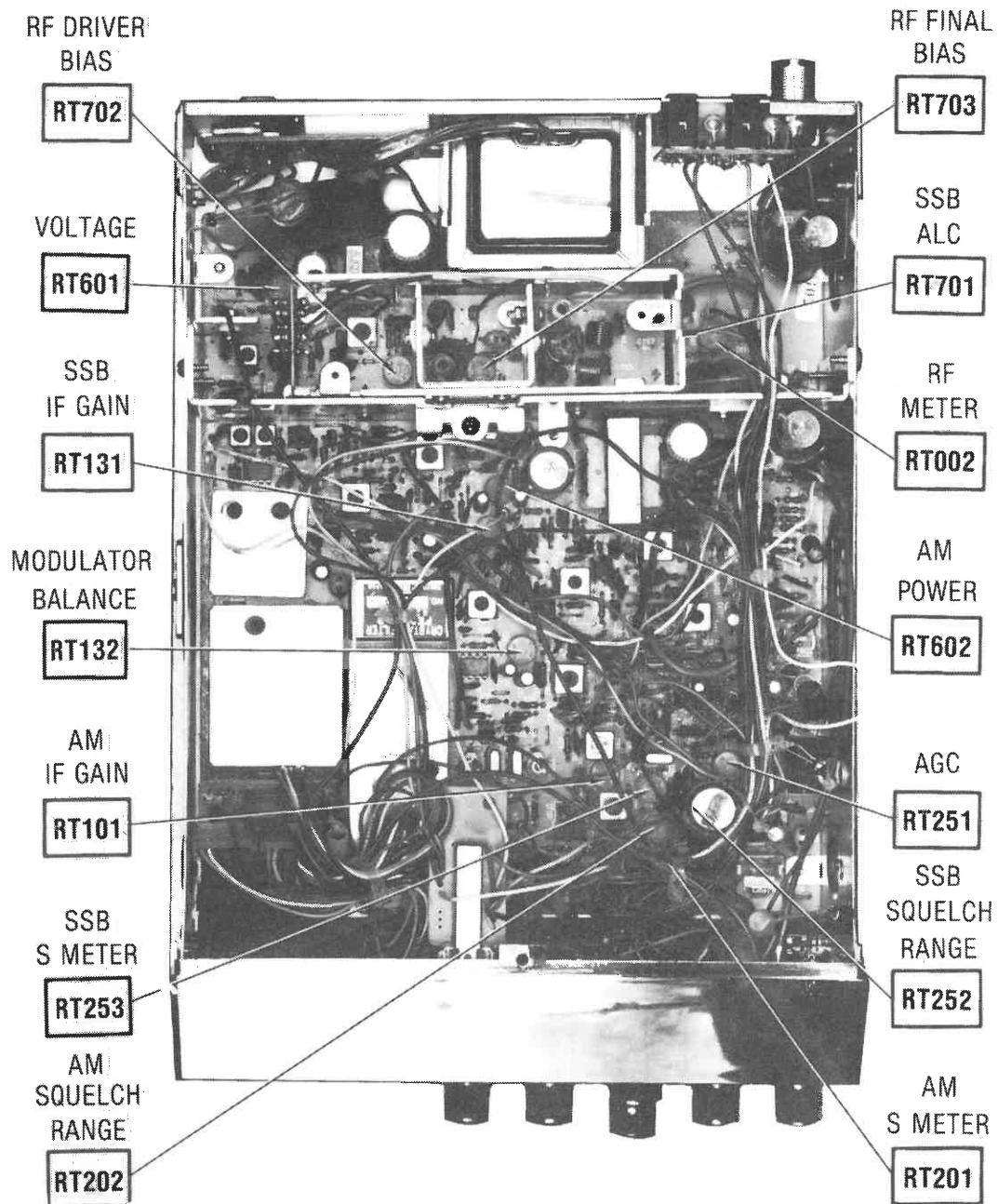
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.
 NOTE: Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.
 See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCIEVER	ADJUST	REMARKS
Connect a 0-100mA DC meter at TP10 (Junction of L701 and L703). No modulation input.	Ch. 19, USB	RT702	RF DRIVER BIAS Adjust for 40mA <u>+2mA</u> idle current.
Connect a 0-100mA DC meter at TP11 (Junction of L703 and C729).	Ch. 19, USB	RT703	RF FINAL BIAS Adjust for 10 to 15mA idle current.
Input of RF wattmeter and 50-ohm, 25-watt dummy load to antenna input. Inject a two tone, 100mV signal at mic input.	Ch. 19, USB SWR/RF/CAL RF	RT701	SSB ALC Adjust for 5.2 watts peak RF output maximum. (11.5 watts peak to peak.)
Input of RF wattmeter and 50-ohm, 25-watt dummy load to antenna input. No modulation.	Ch. 19, USB SWR/RF/CAL RF	RT132	CARRIER BALANCE Adjust for MINIMUM RF output.
Input of RF wattmeter and 50-ohm, 25-watt dummy load to antenna input.	Ch. 19, AM SWR/RF/CAL RF	RT602	AM POWER Adjust for 4.0 watts RF output maximum.
Input of RF wattmeter and 50-ohm, 25-watt dummy load to antenna input.	Ch. 19, AM SWR/RF/CAL RF	RT002	RF METER Adjust so RF meter agrees with RF wattmeter.

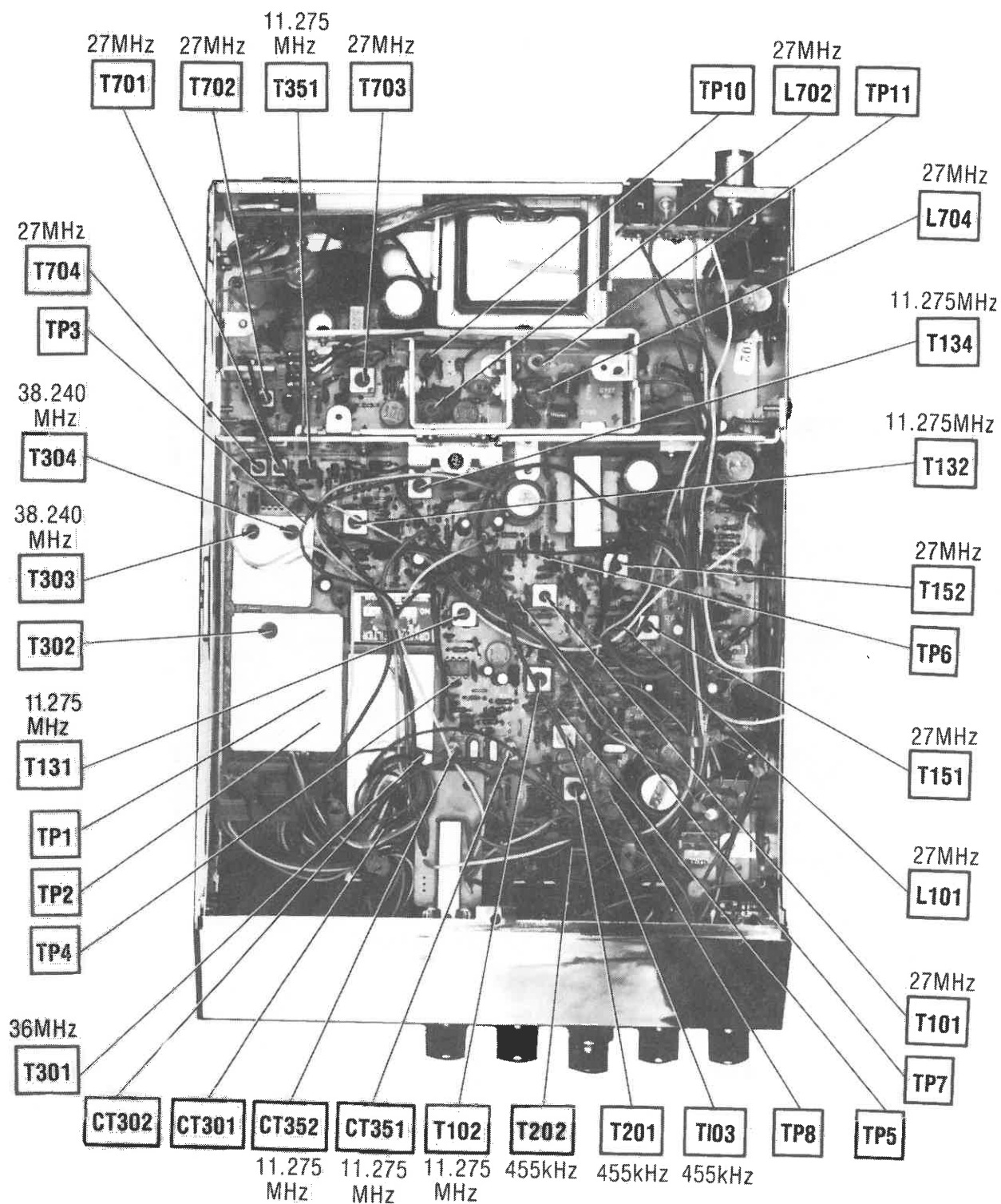
TRUTH CHART

CHANNEL	1 = 4.84 Volts 0 = 0 Volts								REC & XMT USB/AM VCO OUTPUT IN MHz AT TP3	REC & XMT LSB VCO OUTPUT IN MHz AT TP3	DIVIDER INPUT IN MHz AT TP2
	IC301 PROGRAM DIVIDER										
	PINS										
	9	10	11	12	13	14	15				
1	0	0	0	0	0	0	0		38.240	38.237	1.280
2	0	0	0	0	0	0	1		38.250	38.247	1.290
3	0	0	0	0	0	1	0		38.260	38.257	1.300
4	0	0	0	0	1	0	0		38.280	38.277	1.320
5	0	0	0	0	1	0	1		38.290	38.287	1.330
6	0	0	0	0	1	1	0		38.300	38.297	1.340
7	0	0	0	0	1	1	1		38.310	38.307	1.350
8	0	0	0	1	0	0	1		38.330	38.327	1.370
9	0	0	0	1	0	1	0		38.340	38.337	1.380
10	0	0	0	1	0	1	1		38.350	38.347	1.390
11	0	0	0	1	1	0	0		38.360	38.357	1.400
12	0	0	0	1	1	1	0		38.380	38.377	1.420
13	0	0	0	1	1	1	1		38.390	38.387	1.430
14	0	0	1	0	0	0	0		38.400	38.397	1.440
15	0	0	1	0	0	0	1		38.410	38.407	1.450
16	0	0	1	0	0	1	1		38.430	38.427	1.470
17	0	0	1	0	1	0	0		38.440	38.437	1.480
18	0	0	1	0	1	0	1		38.450	38.447	1.490
19	0	0	1	0	1	1	0		38.460	38.457	1.500
20	0	0	1	1	0	0	0		38.480	38.477	1.520
21	0	0	1	1	0	0	1		38.490	38.487	1.530
22	0	0	1	1	0	1	0		38.500	38.497	1.540
23	0	0	1	1	1	0	1		38.530	38.527	1.570
24	0	0	1	1	0	1	1		38.510	38.507	1.550
25	0	0	1	1	1	0	0		38.520	38.517	1.560
26	0	0	1	1	1	1	0		38.540	38.537	1.580
27	0	0	1	1	1	1	1		38.550	38.547	1.590
28	0	1	0	0	0	0	0		38.560	38.557	1.600
29	0	1	0	0	0	0	1		38.570	38.567	1.610
30	0	1	0	0	0	1	0		38.580	38.577	1.620
31	0	1	0	0	0	1	1		38.590	38.587	1.630
32	0	1	0	0	1	0	0		38.600	38.597	1.640
33	0	1	0	0	1	0	1		38.610	38.607	1.650
34	0	1	0	0	1	1	0		38.620	38.617	1.660
35	0	1	0	0	1	1	1		38.630	38.627	1.670
36	0	1	0	1	0	0	0		38.640	38.637	1.680
37	0	1	0	1	0	0	1		38.650	38.647	1.690
38	0	1	0	1	0	1	0		38.660	38.657	1.700
39	0	1	0	1	0	1	1		38.670	38.667	1.710
40	0	1	0	1	1	0	0		38.680	38.677	1.720

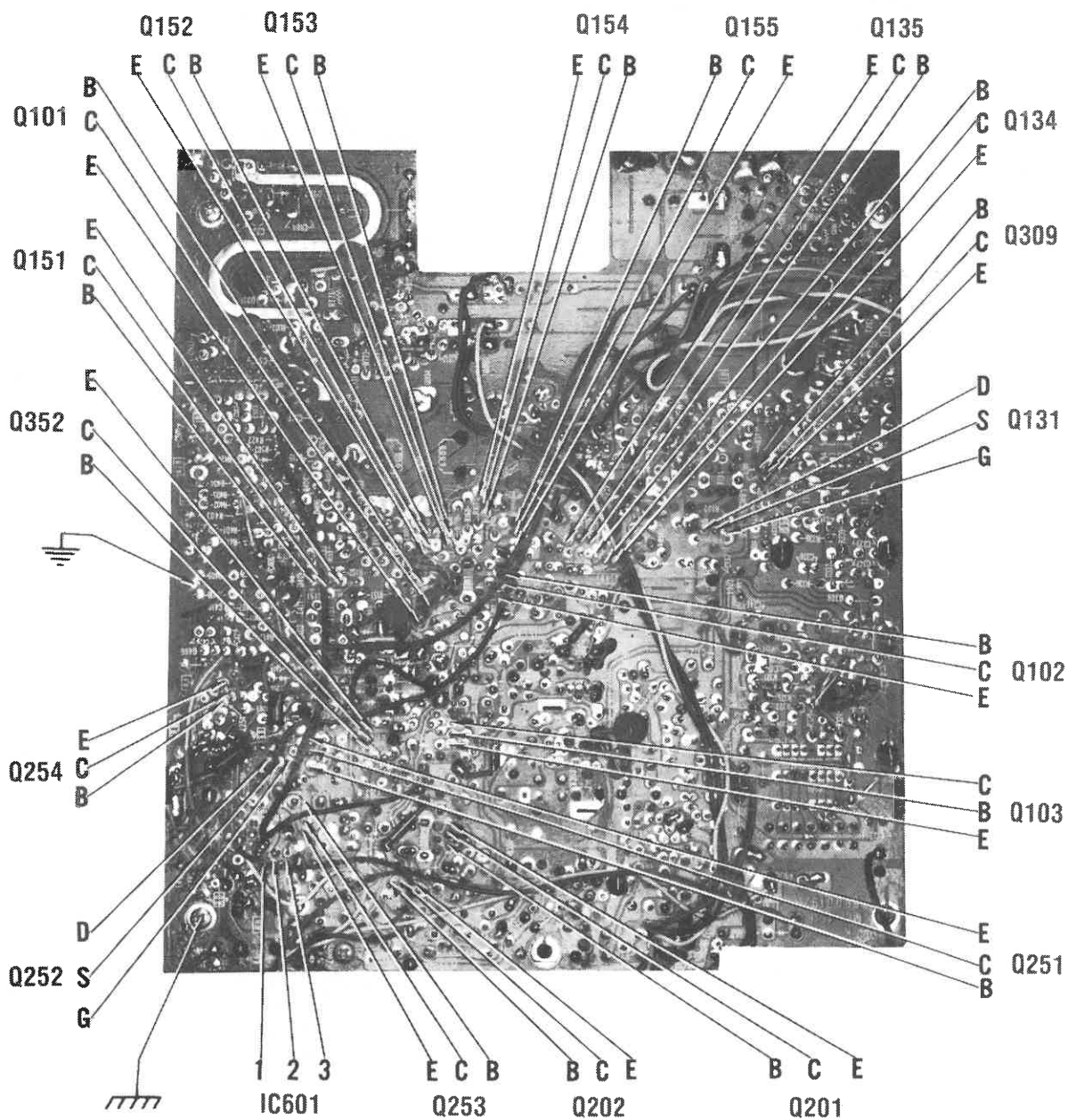
SEARS MODEL 934.38270700



CHASSIS - BOTTOM

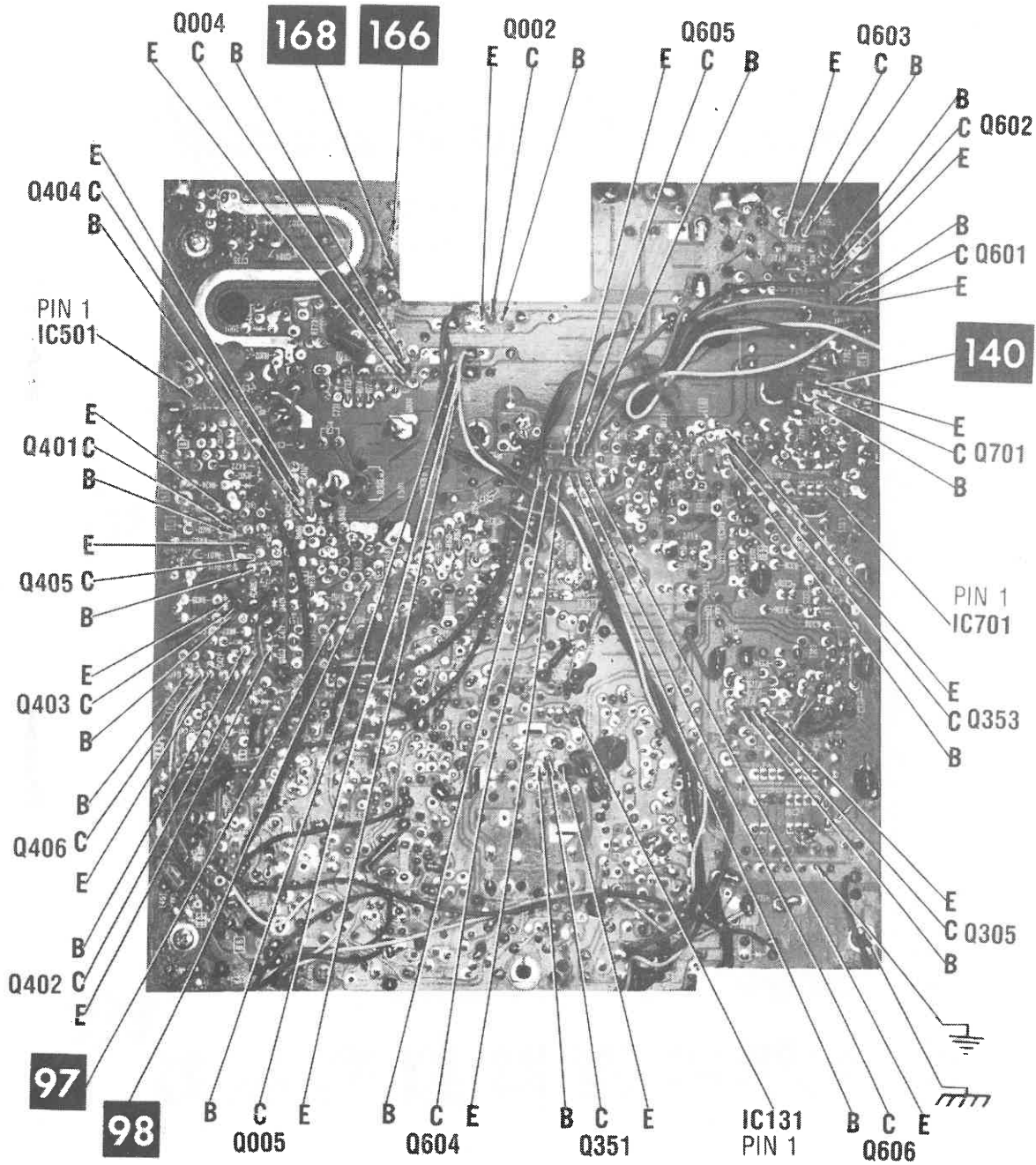


CHASSIS - BOTTOM

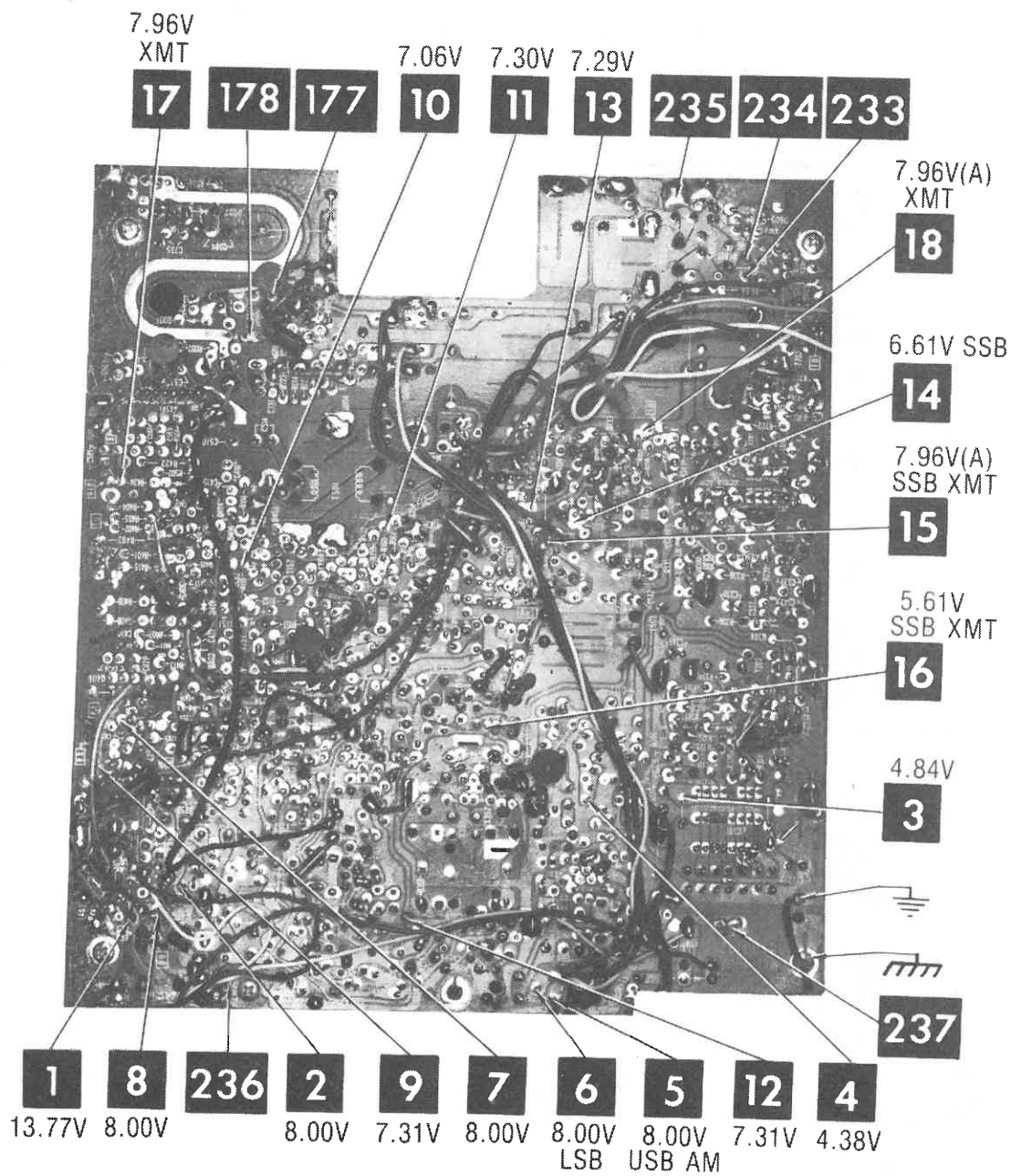


MAIN BOARD

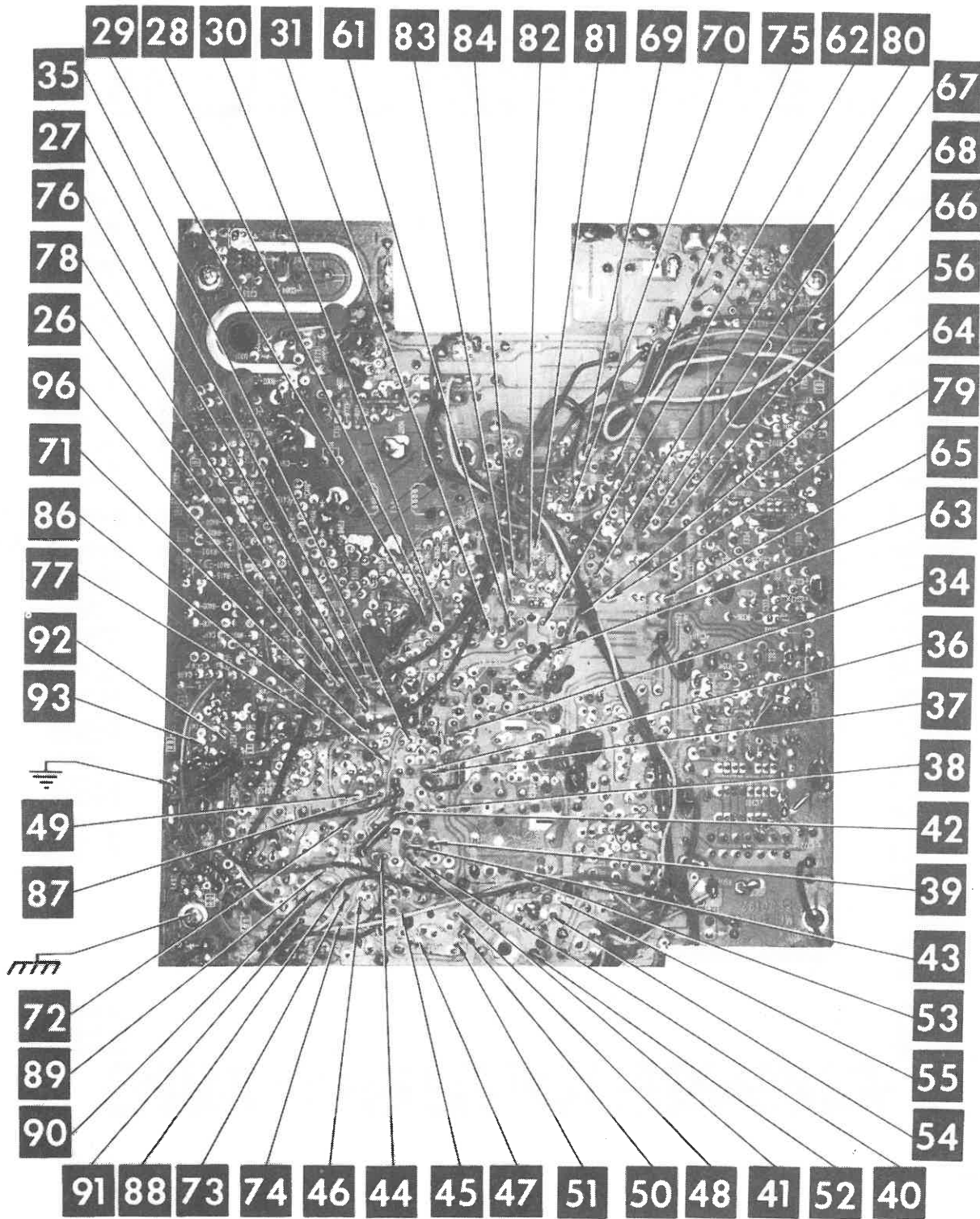
SEARS MODEL 934,38270700



MAIN BOARD

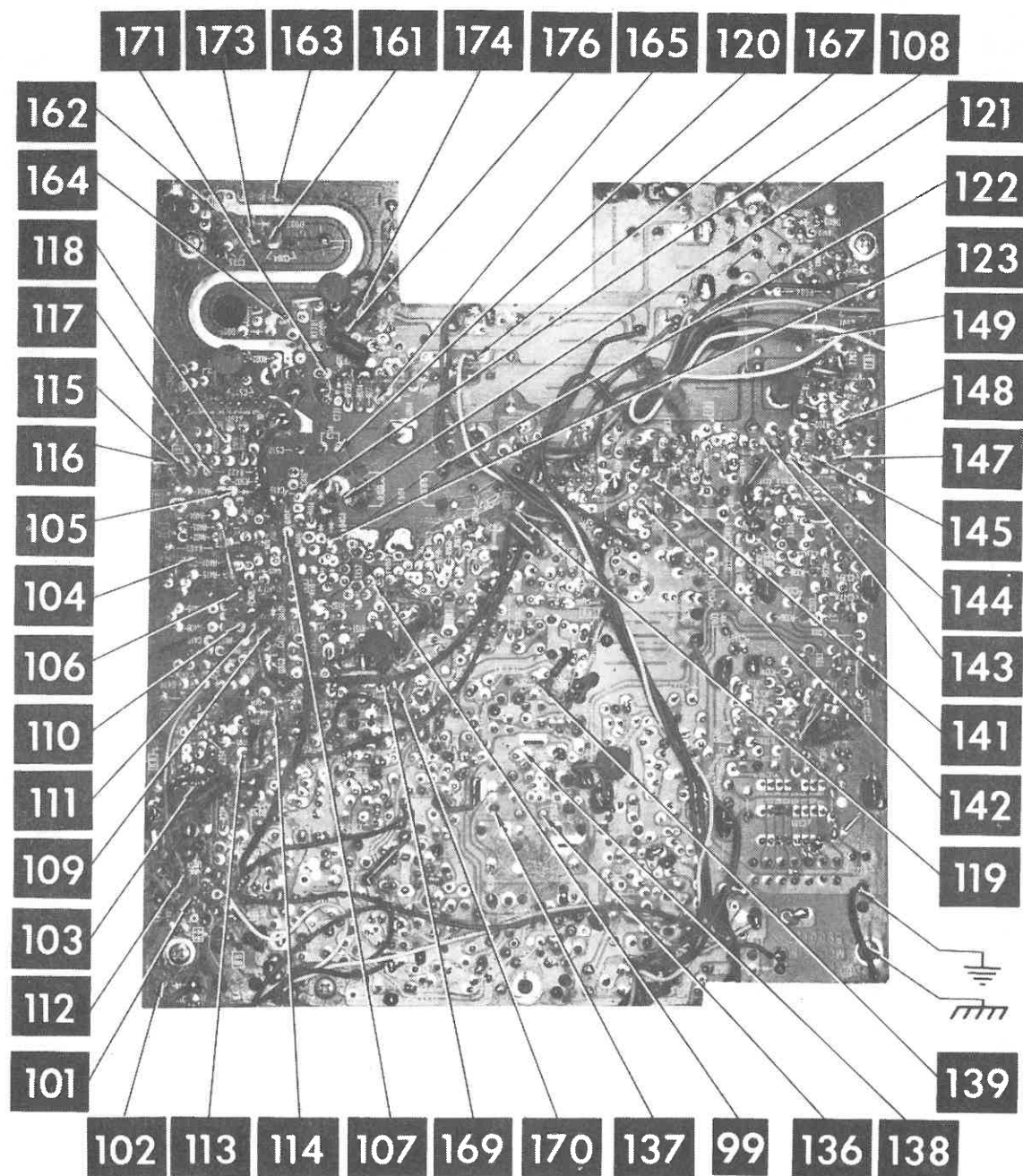


MAIN BOARD

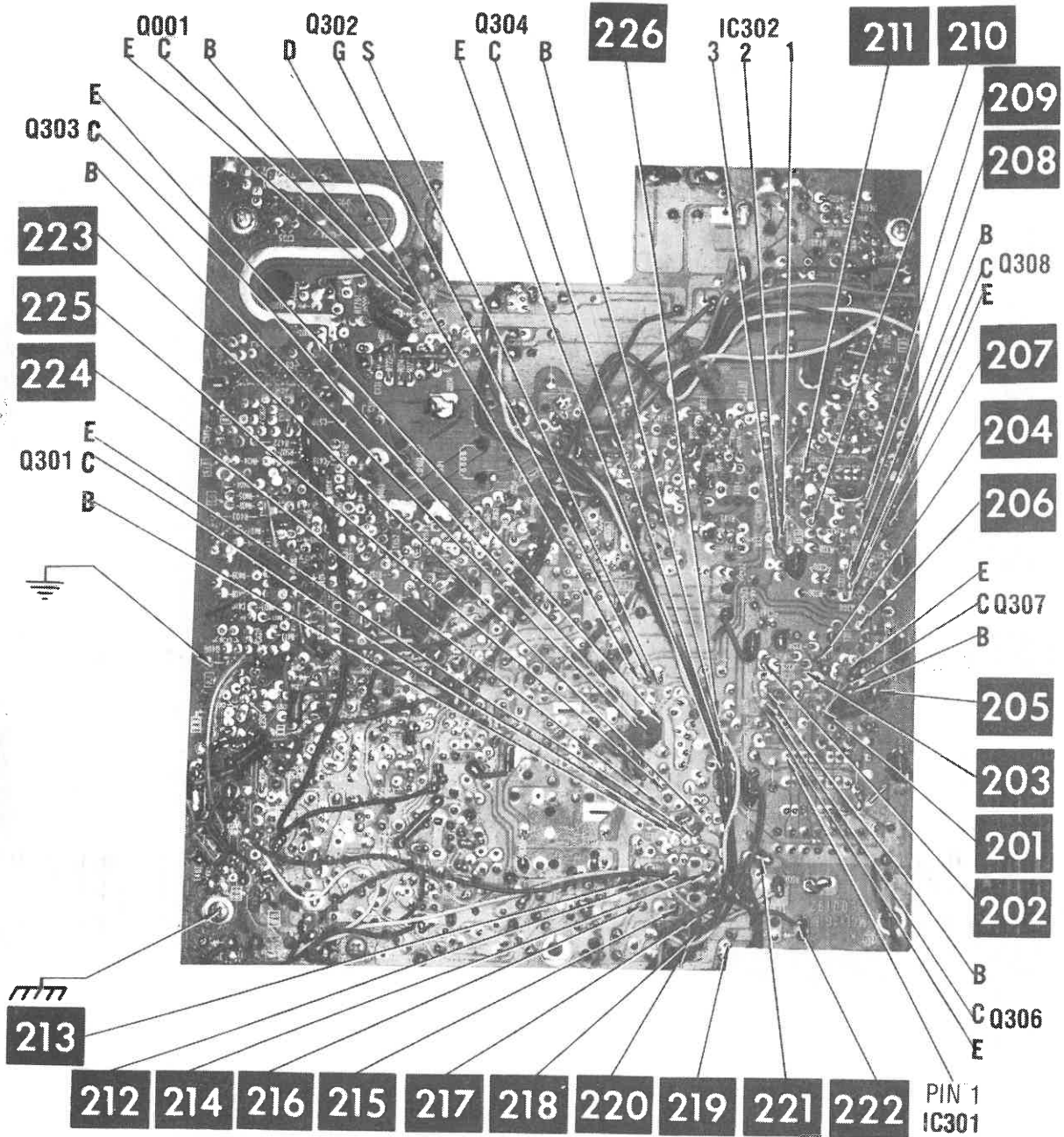


SEARS MODEL 934.38270700

MAIN BOARD

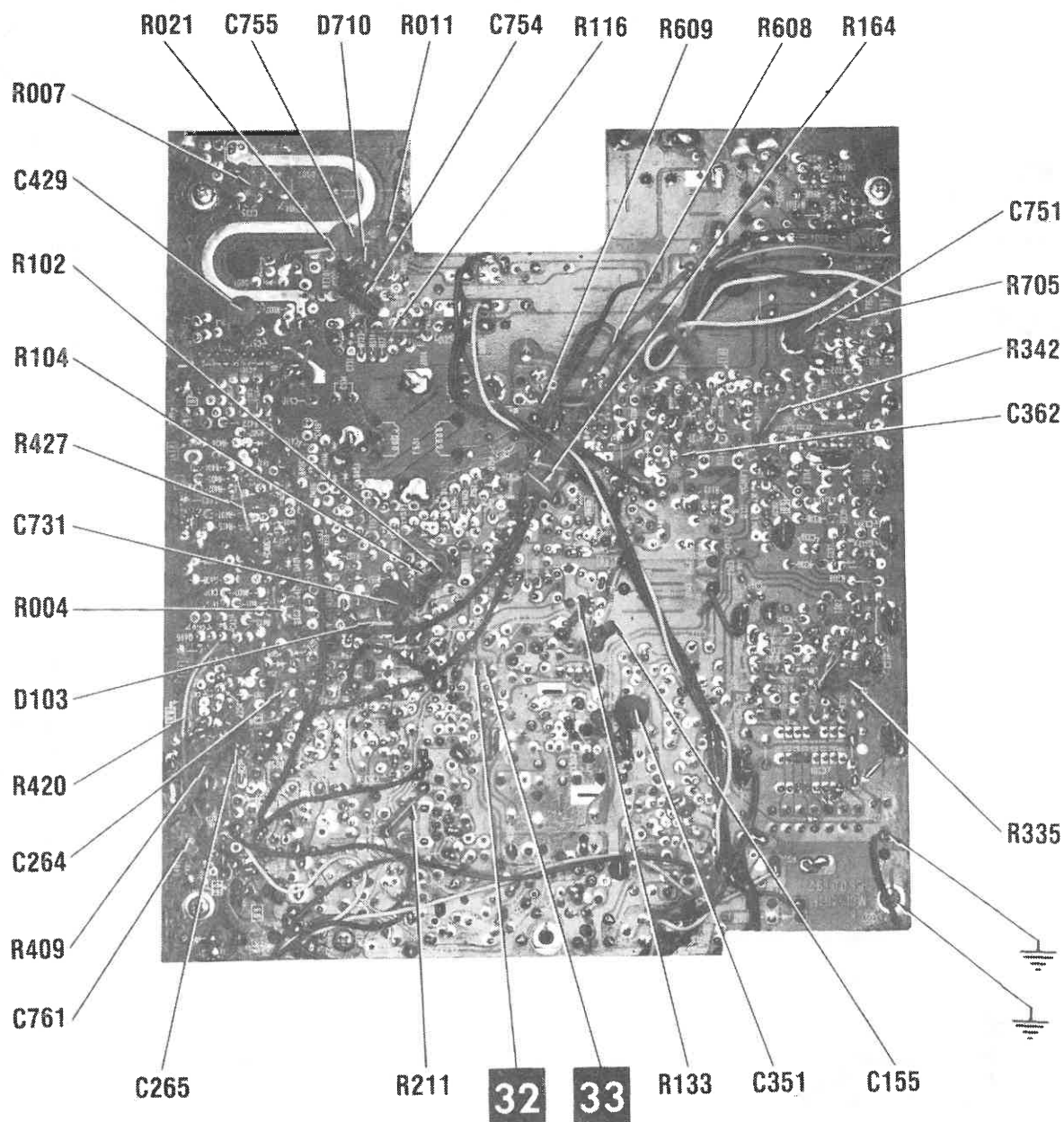


MAIN BOARD

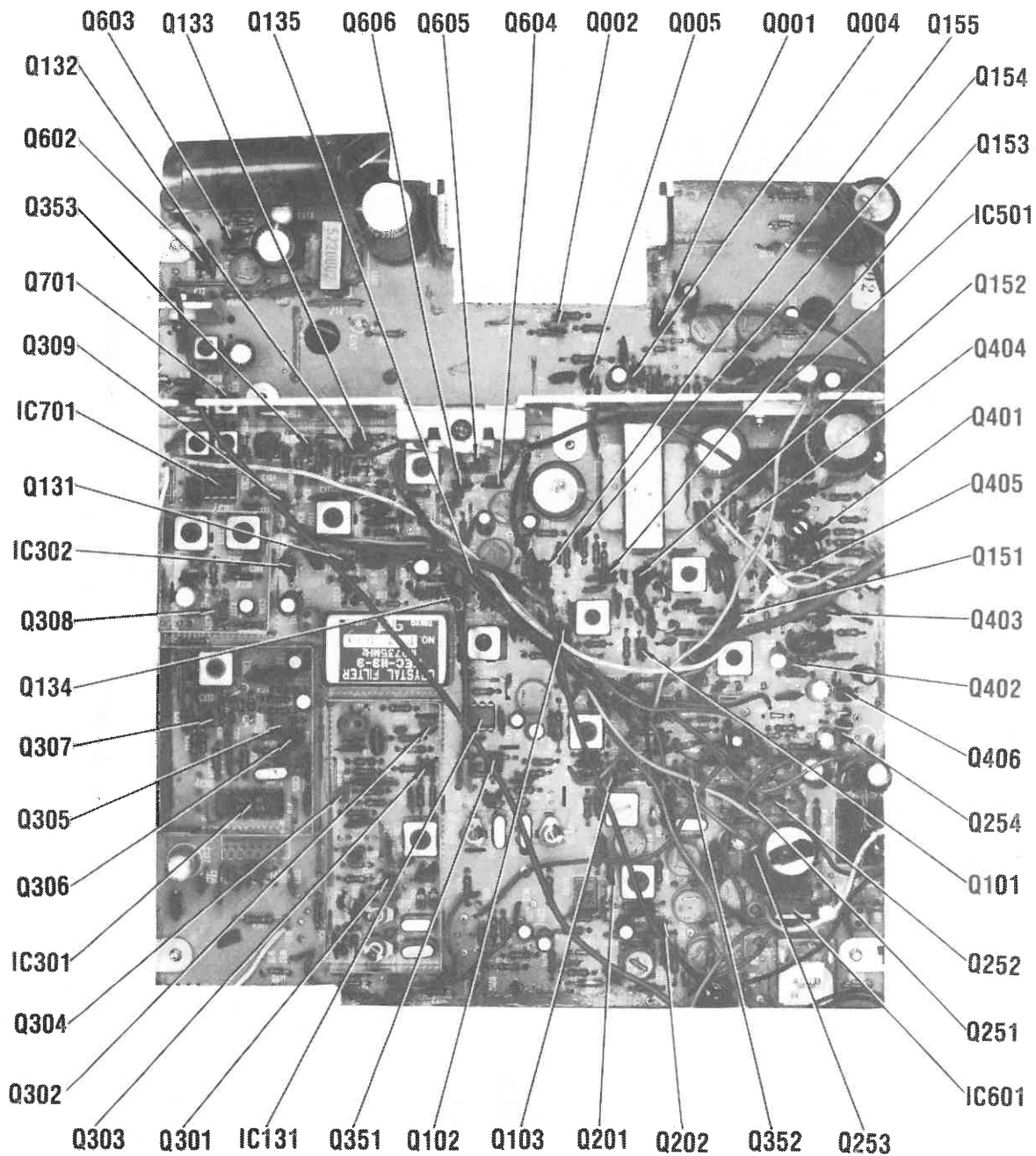


SEARS MODEL 934.38270700

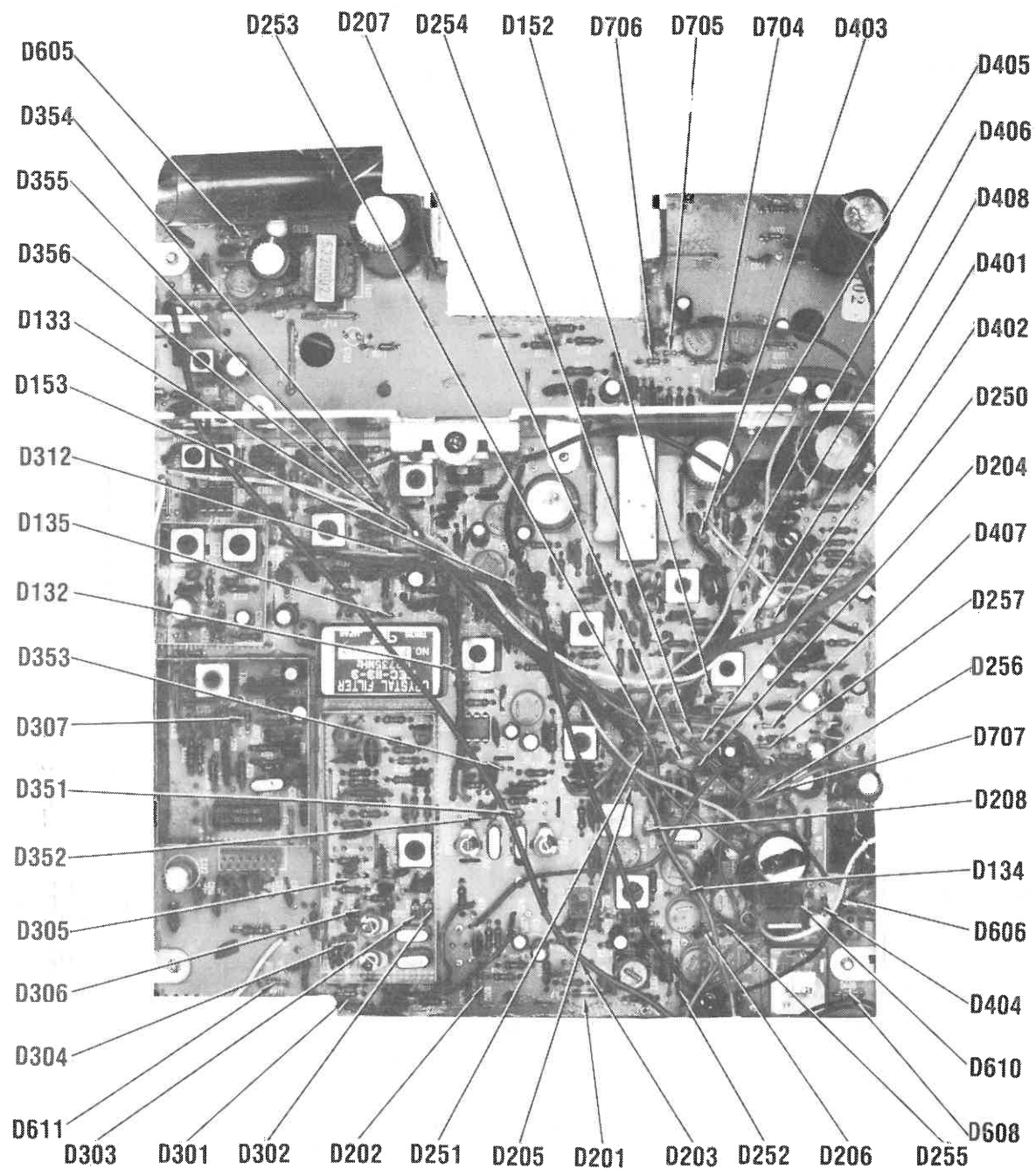
MAIN BOARD



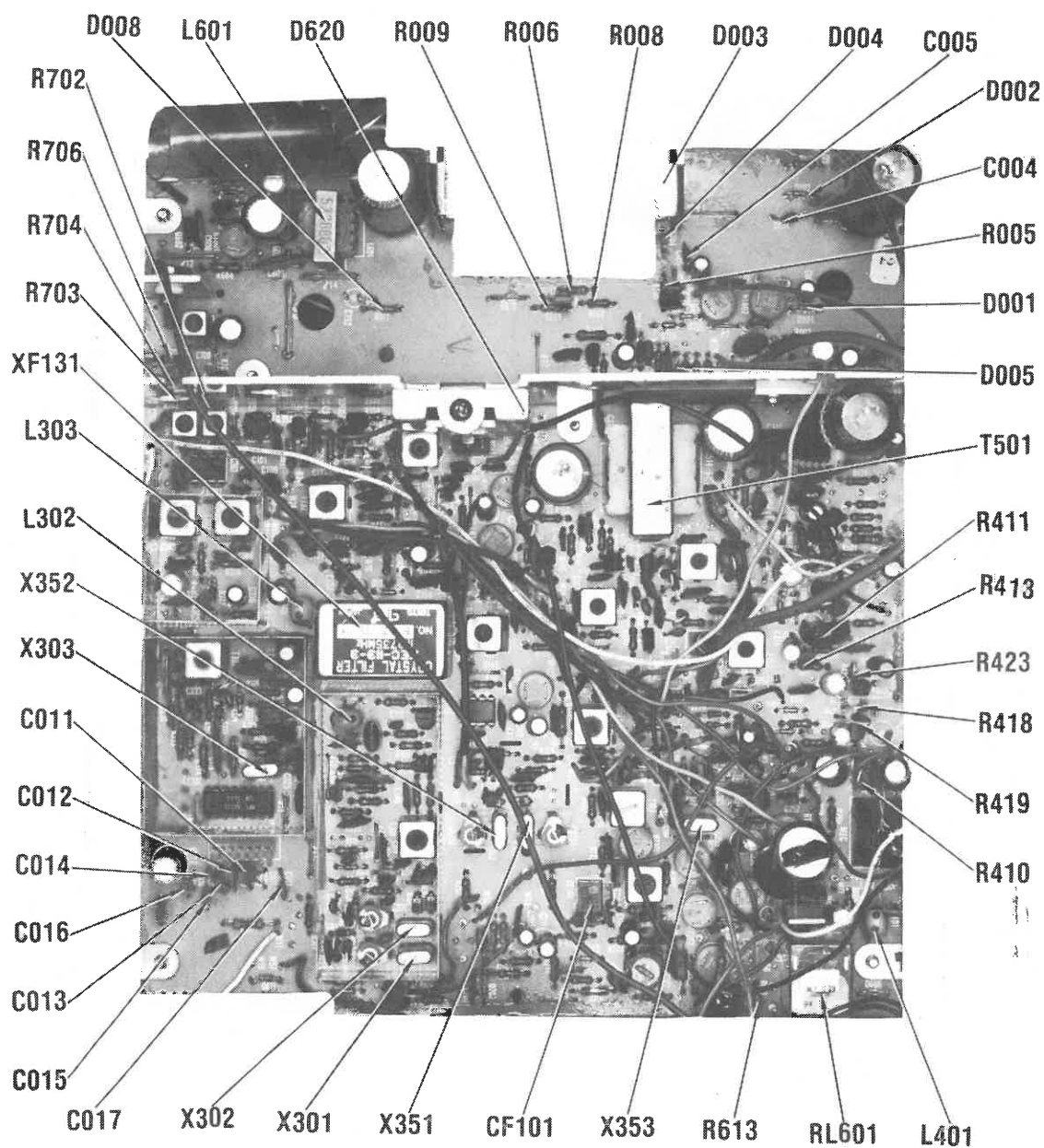
MAIN BOARD



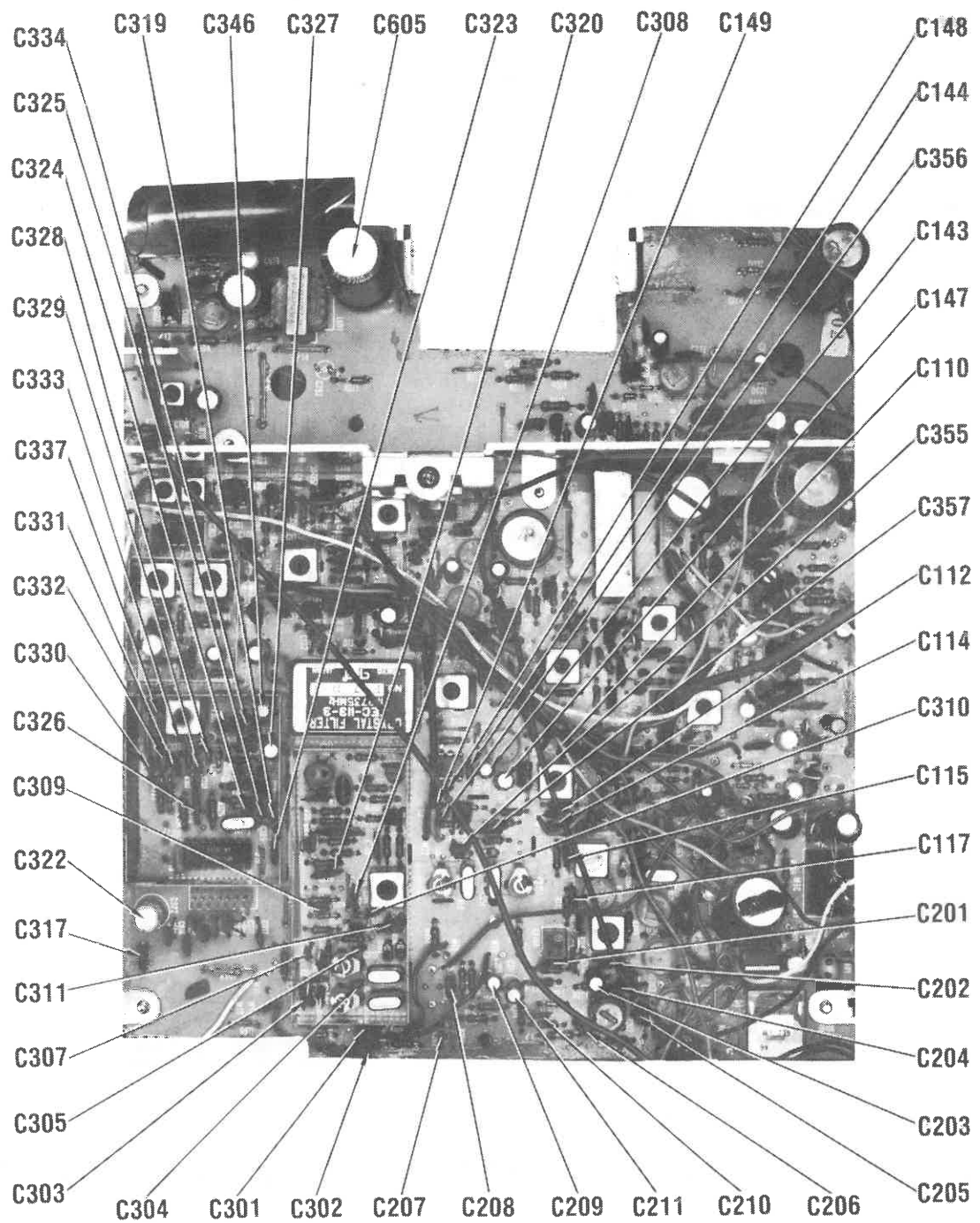
MAIN BOARD



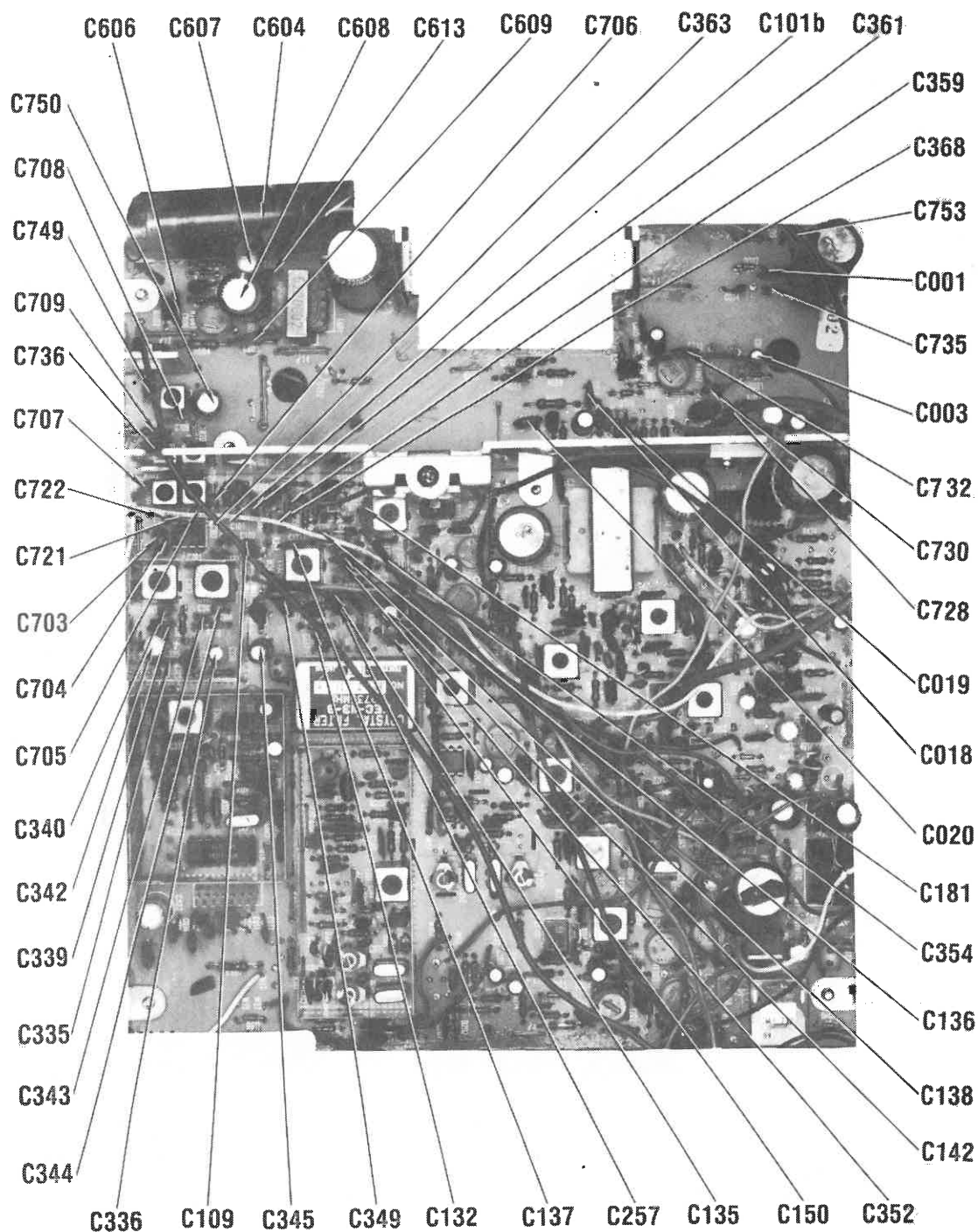
MAIN BOARD



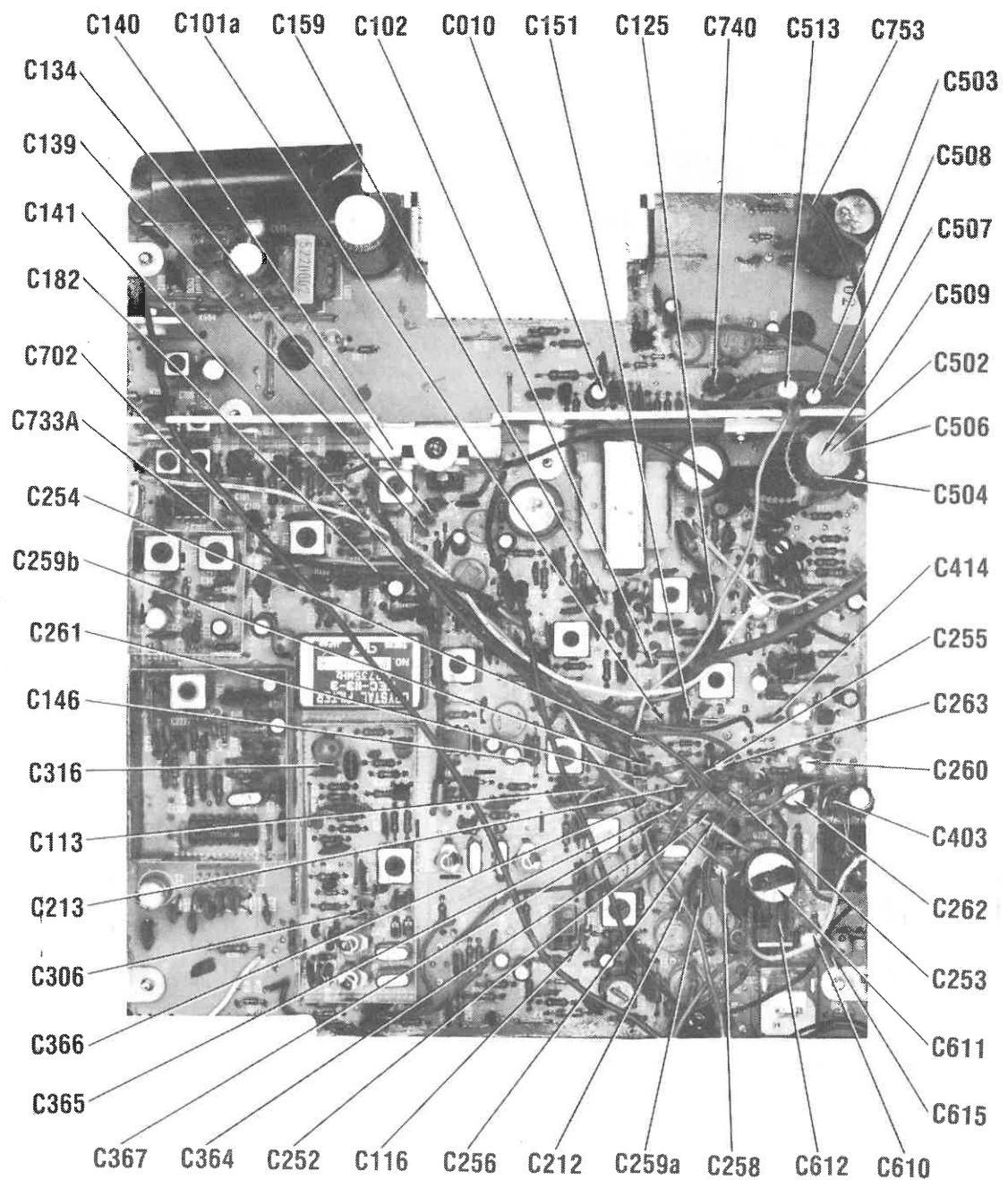
MAIN BOARD



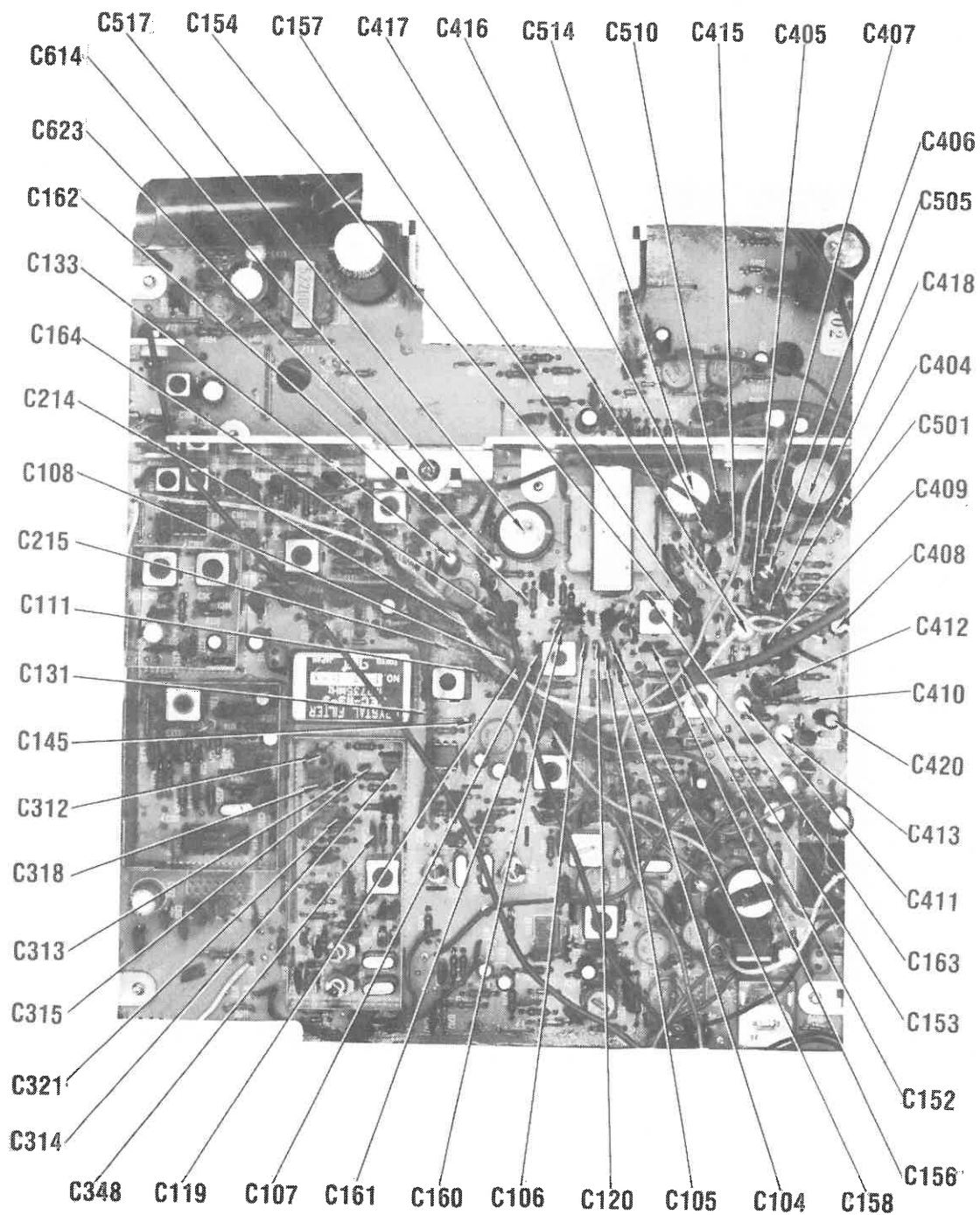
MAIN BOARD



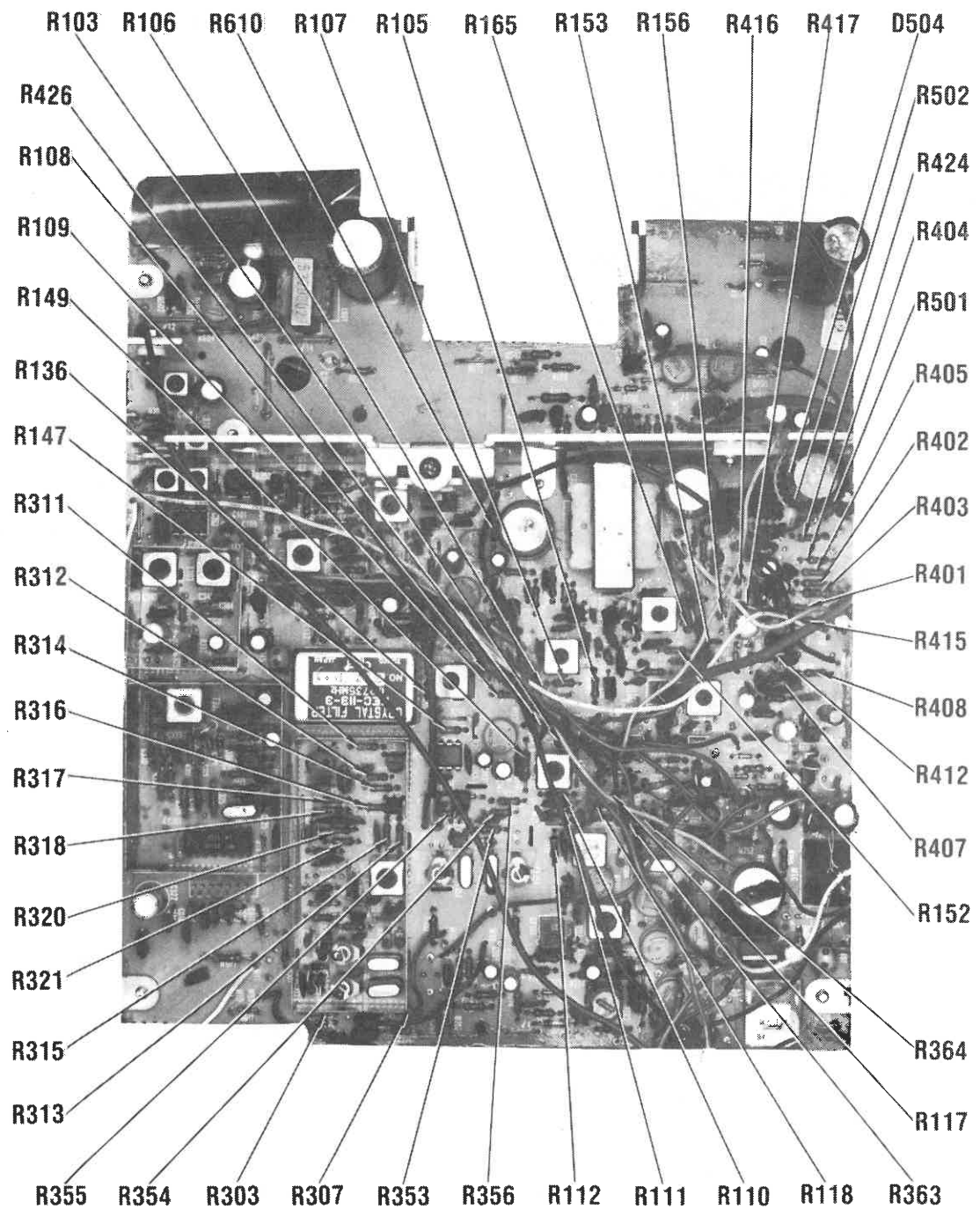
MAIN BOARD



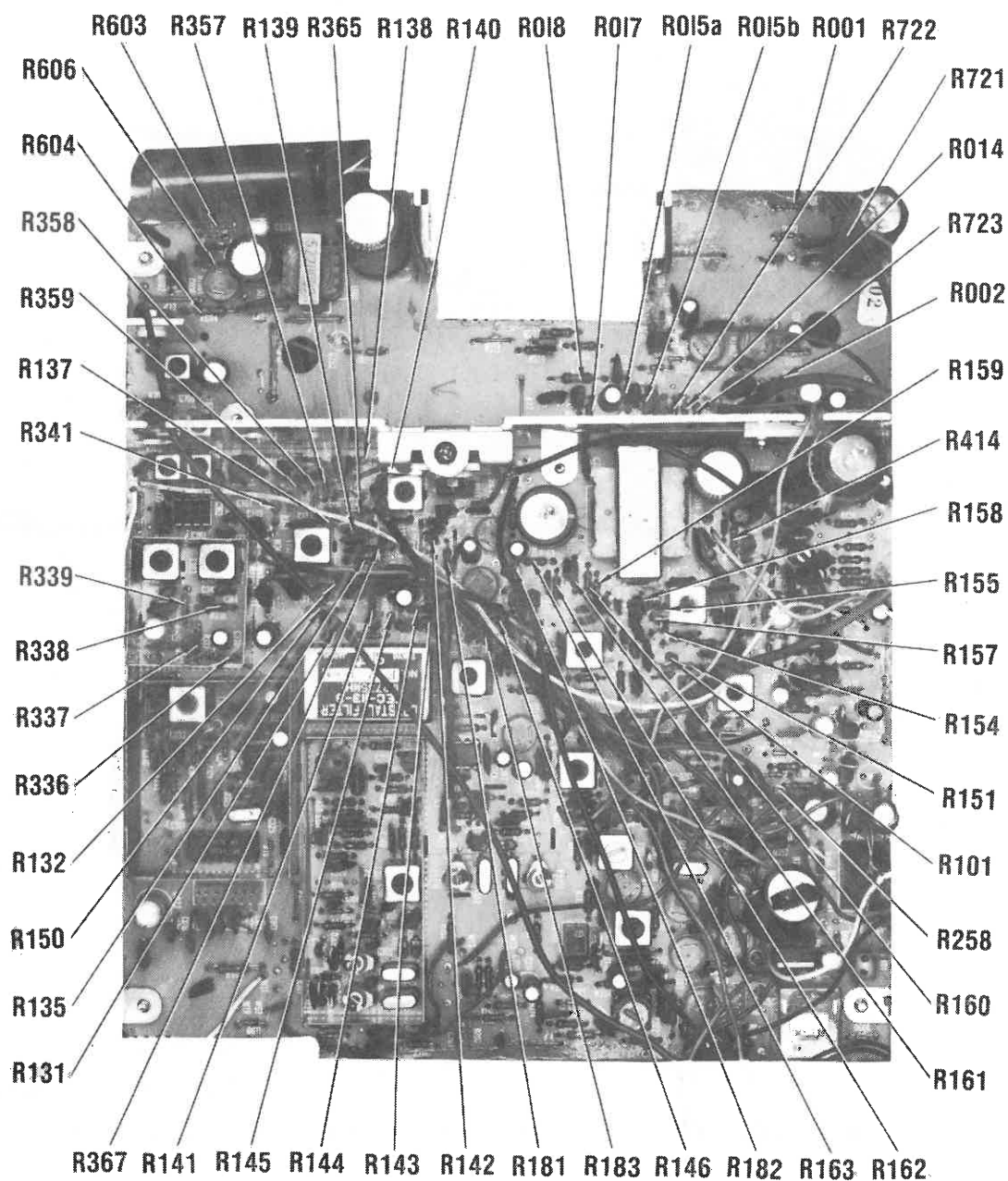
MAIN BOARD



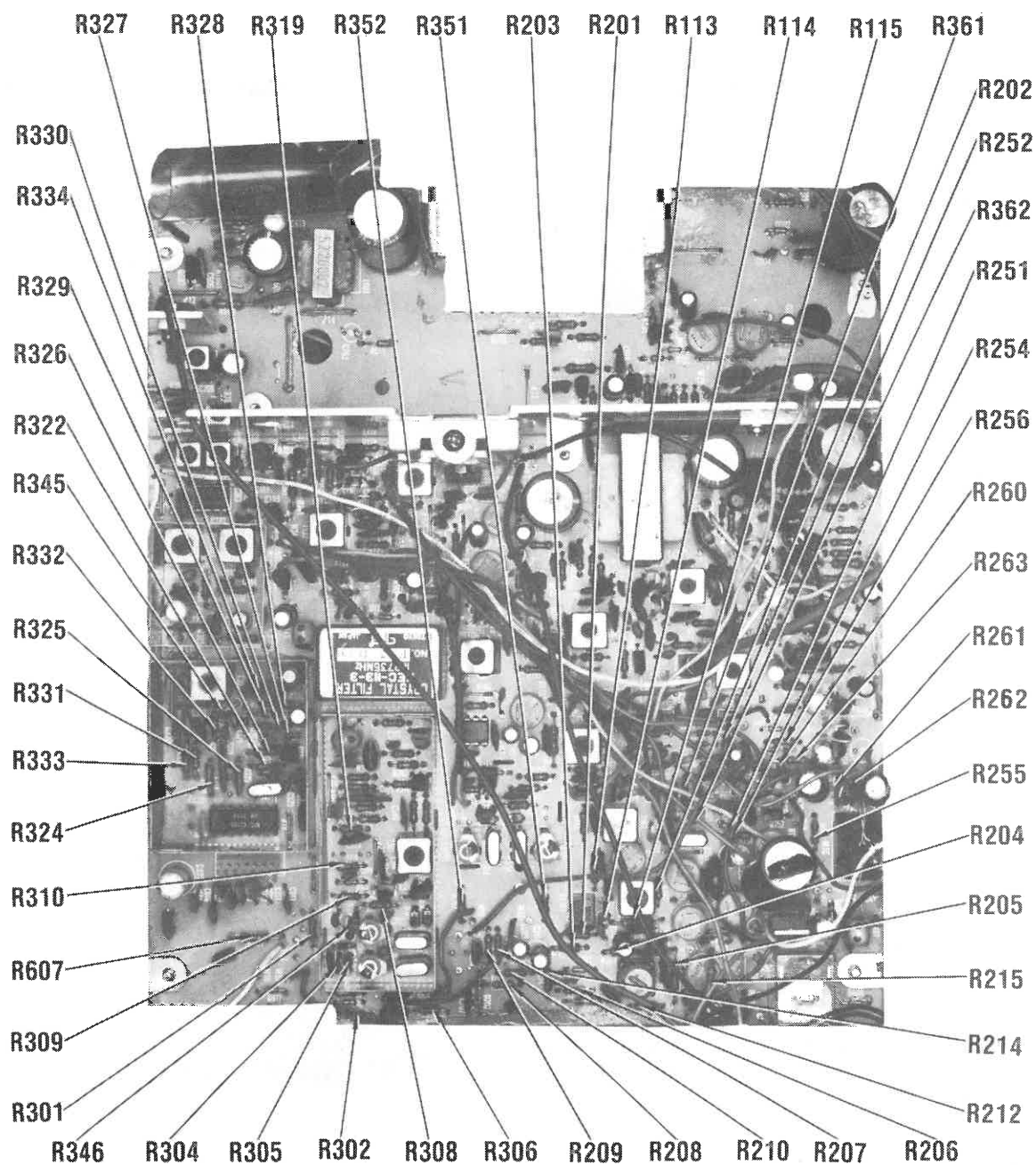
MAIN BOARD



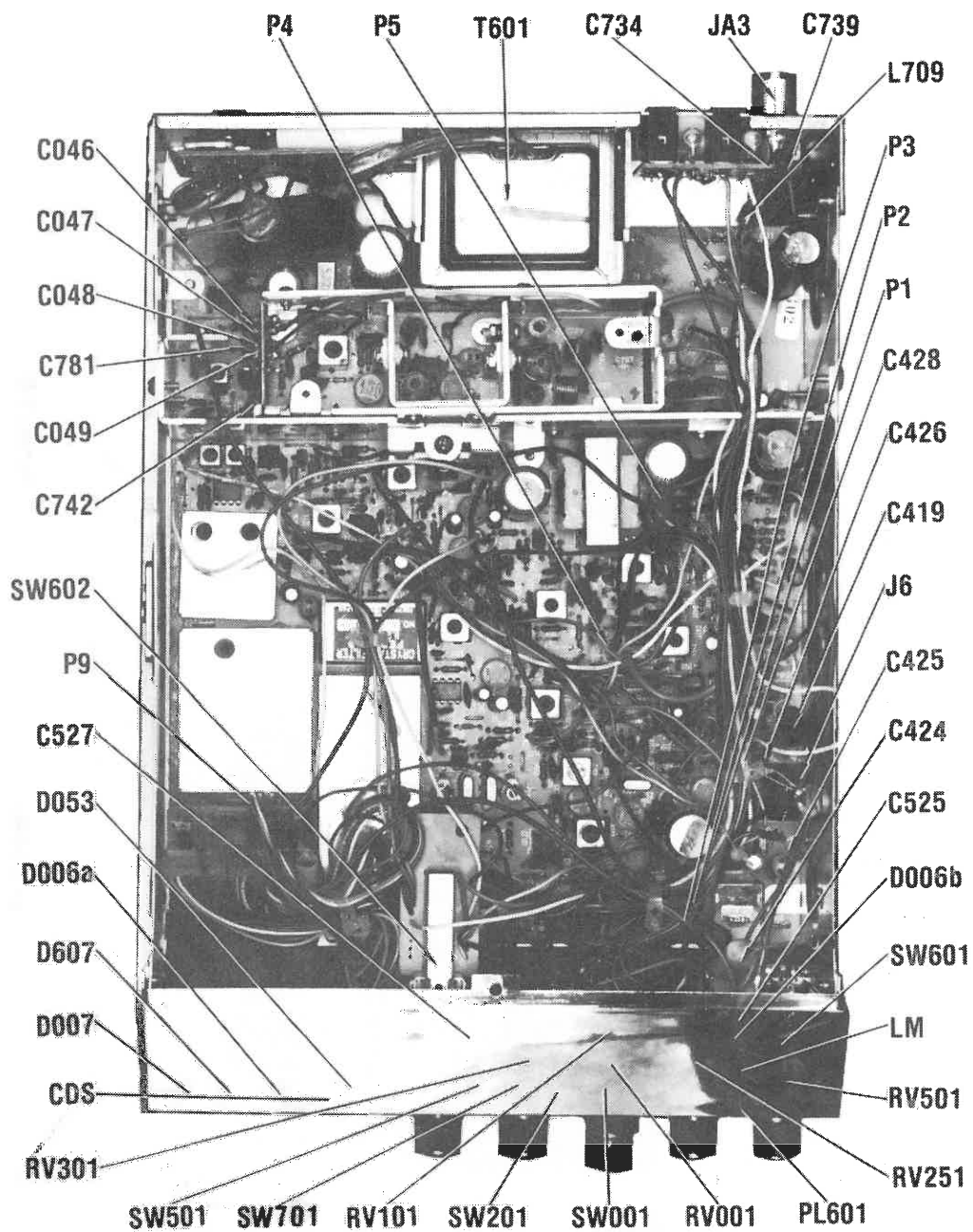
MAIN BOARD



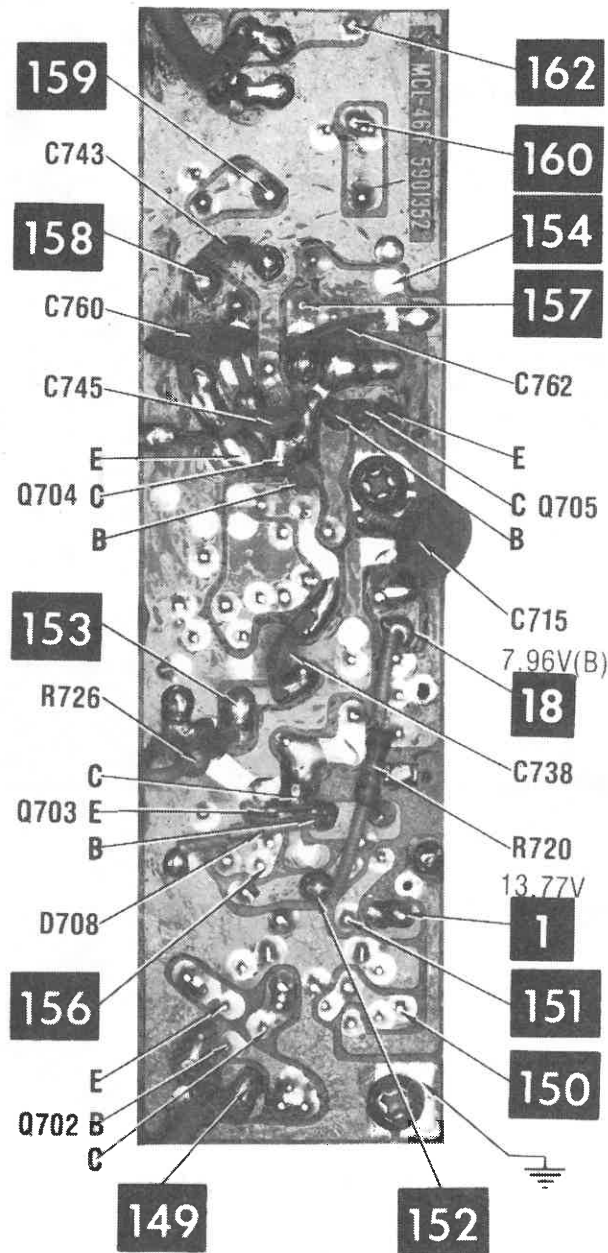
MAIN BOARD



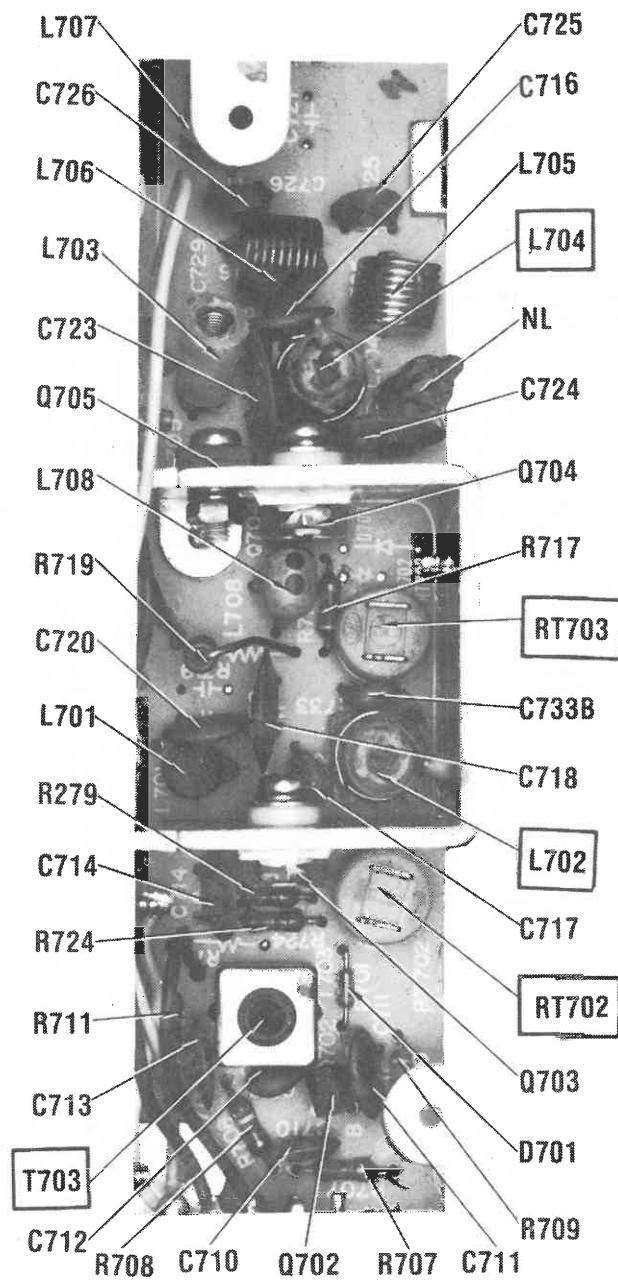
MAIN BOARD



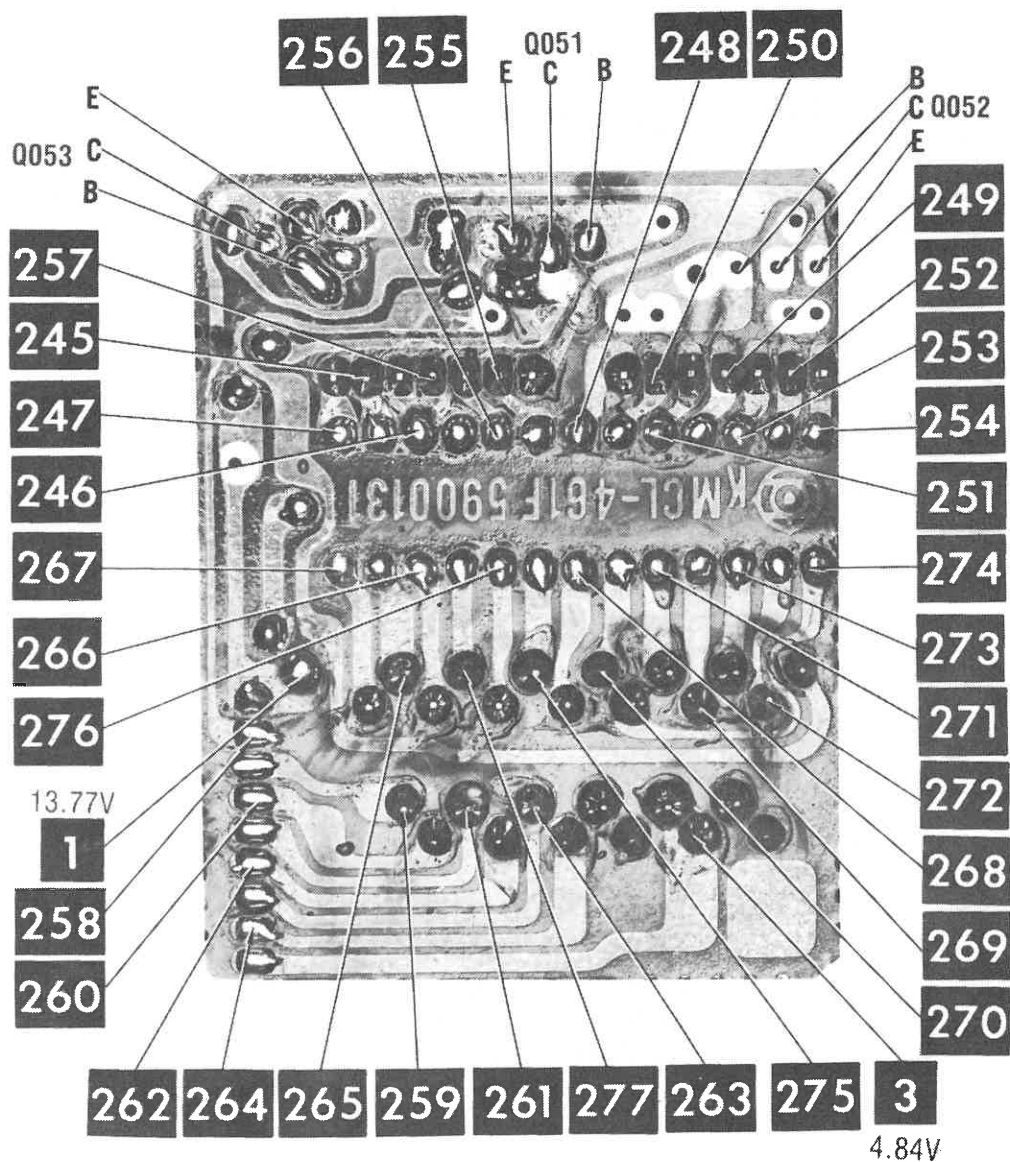
MAIN BOARD



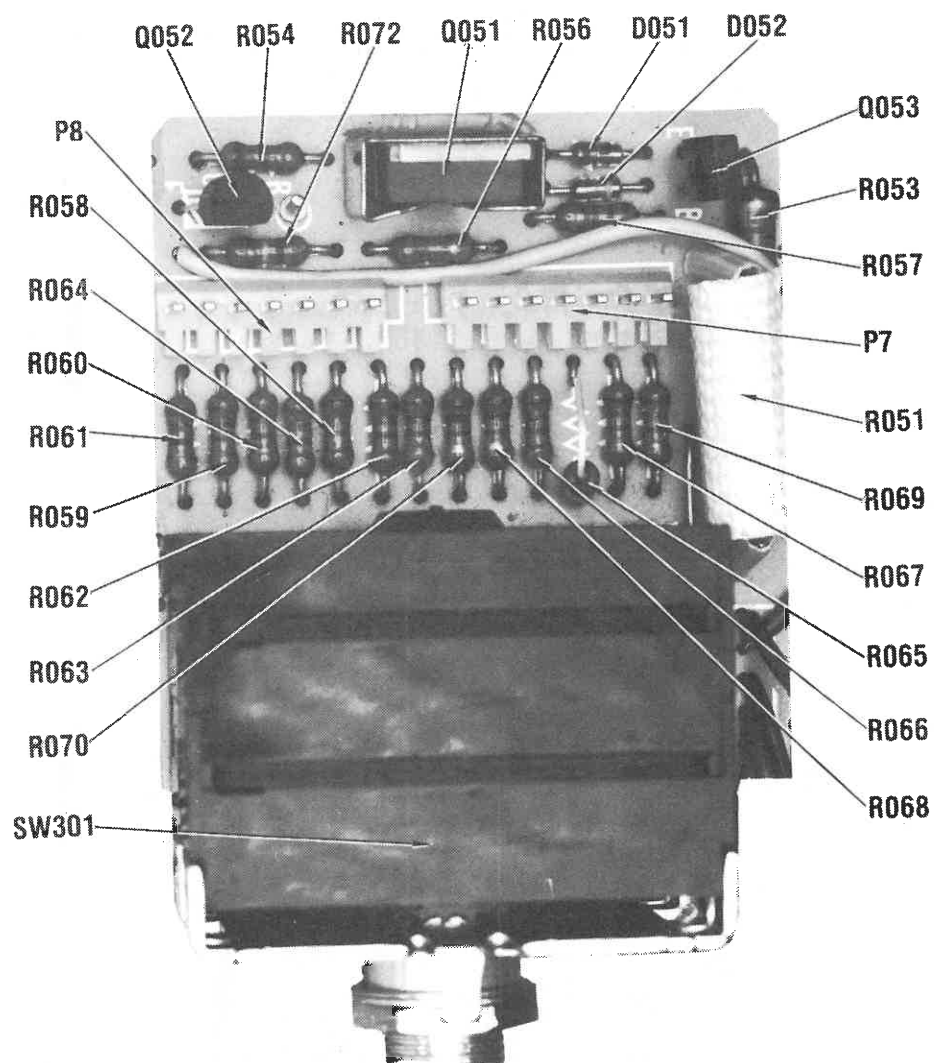
XMT BOARD



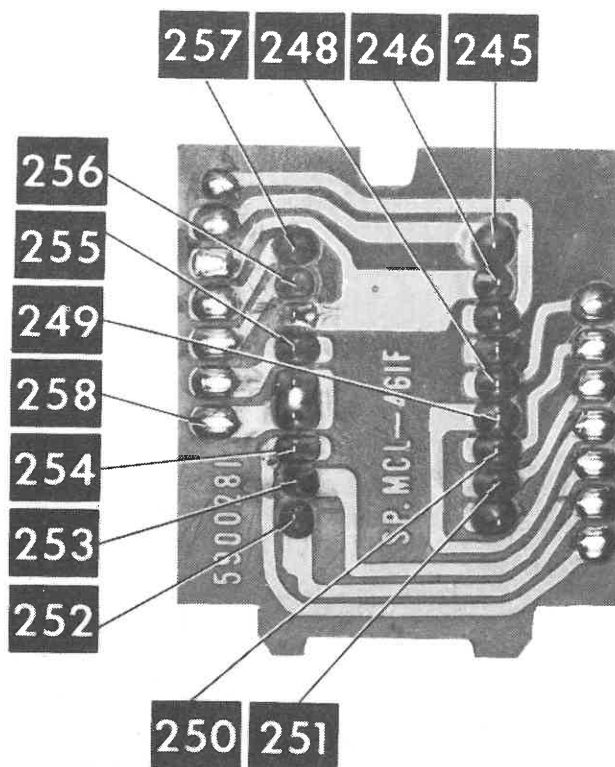
XMT BOARD



CH. SELECTOR BOARD

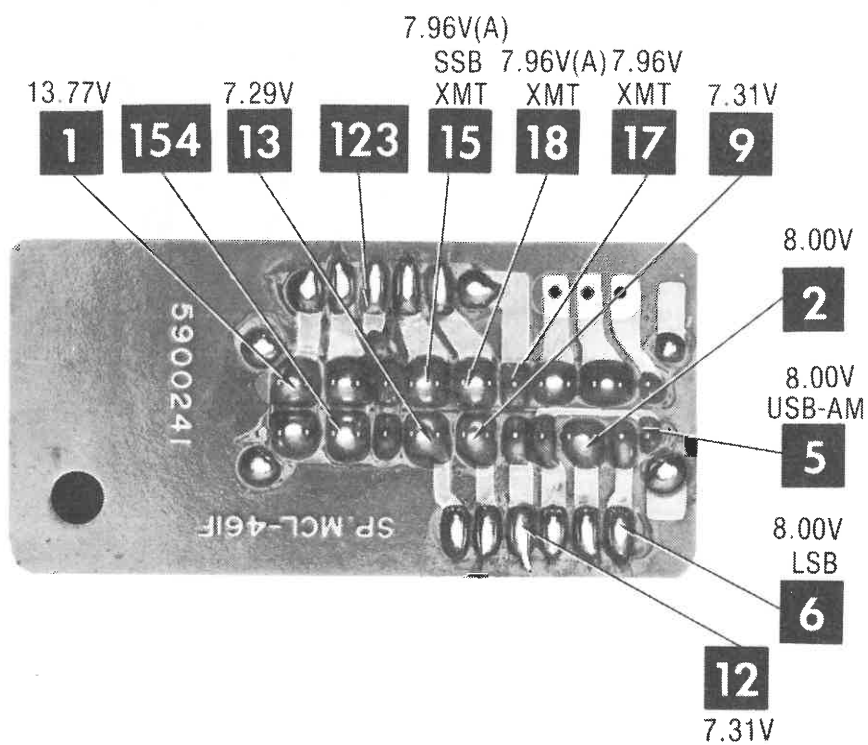


CH. SELECTOR BOARD

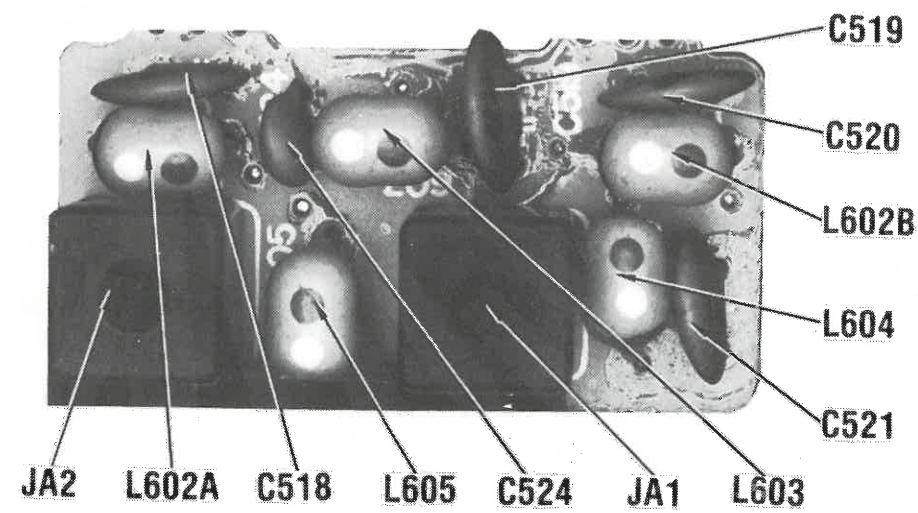
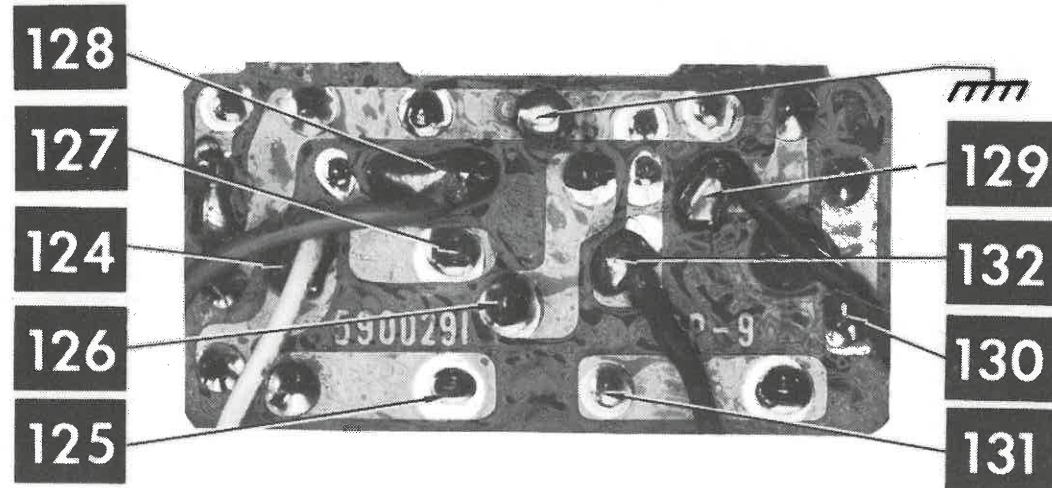


CH. LED BOARD

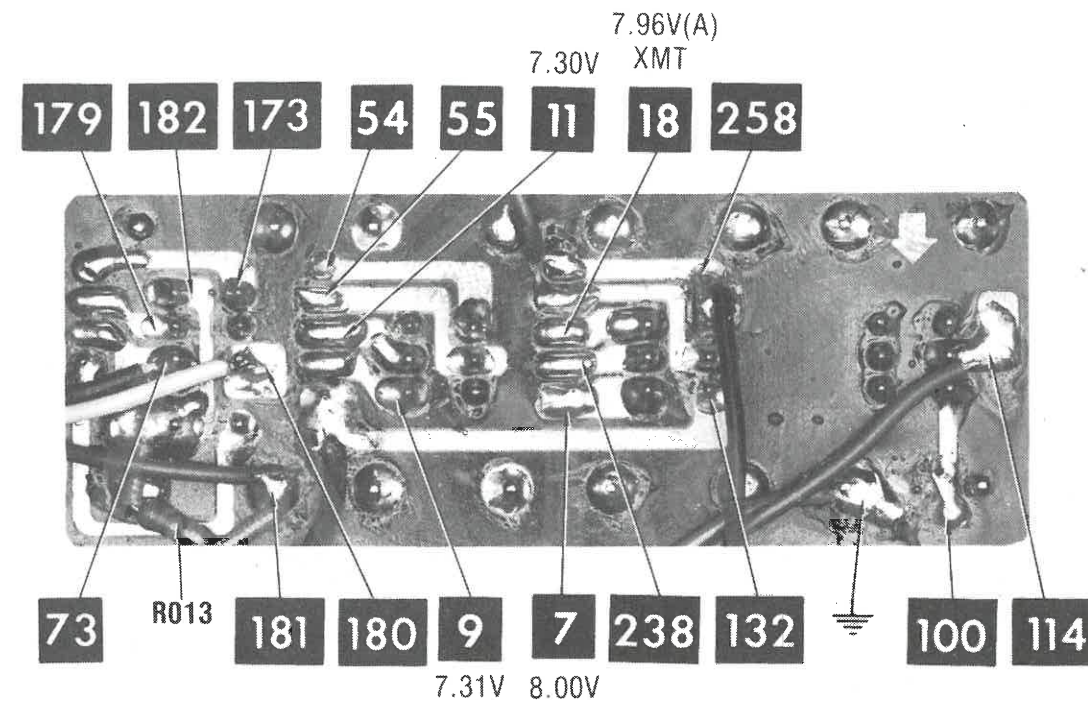
A Howard W. Sams CIRCUITRACE® Photo



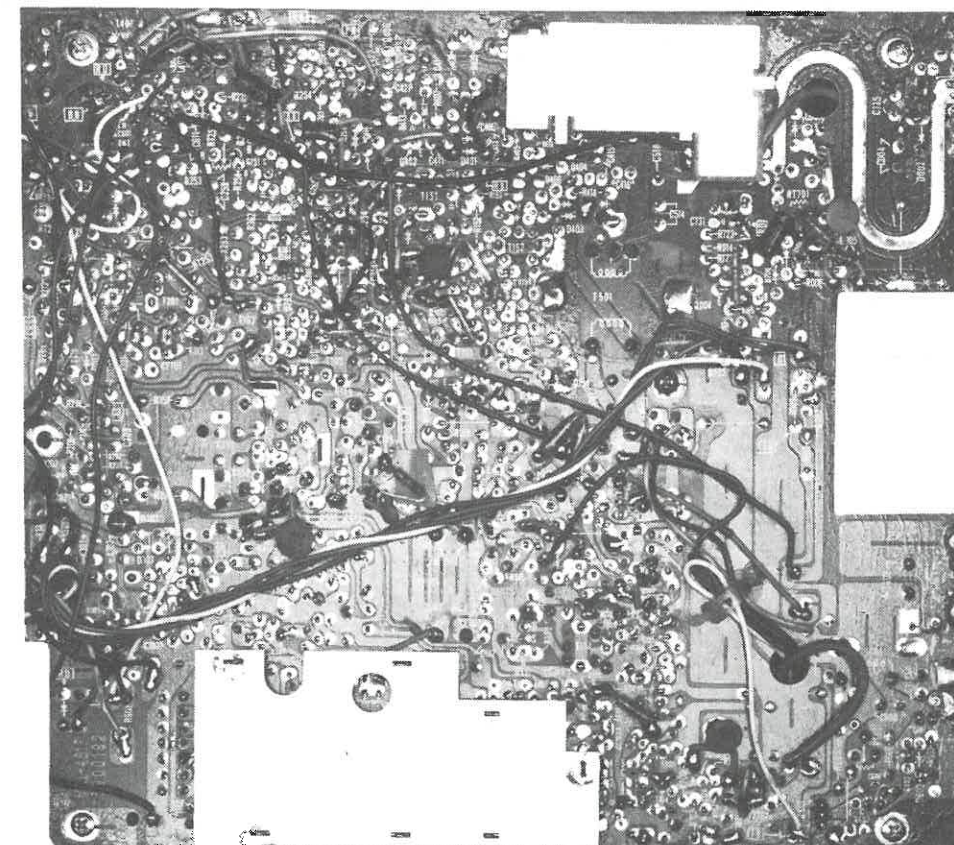
SWITCH BOARD



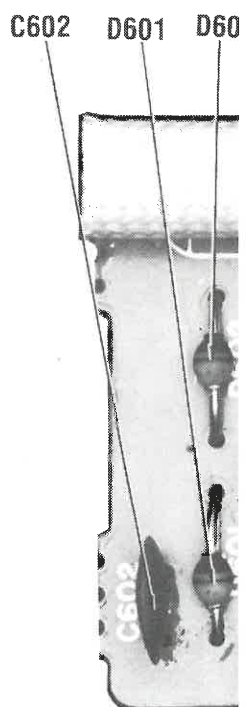
JACK BOARD



CONTROL BOARD



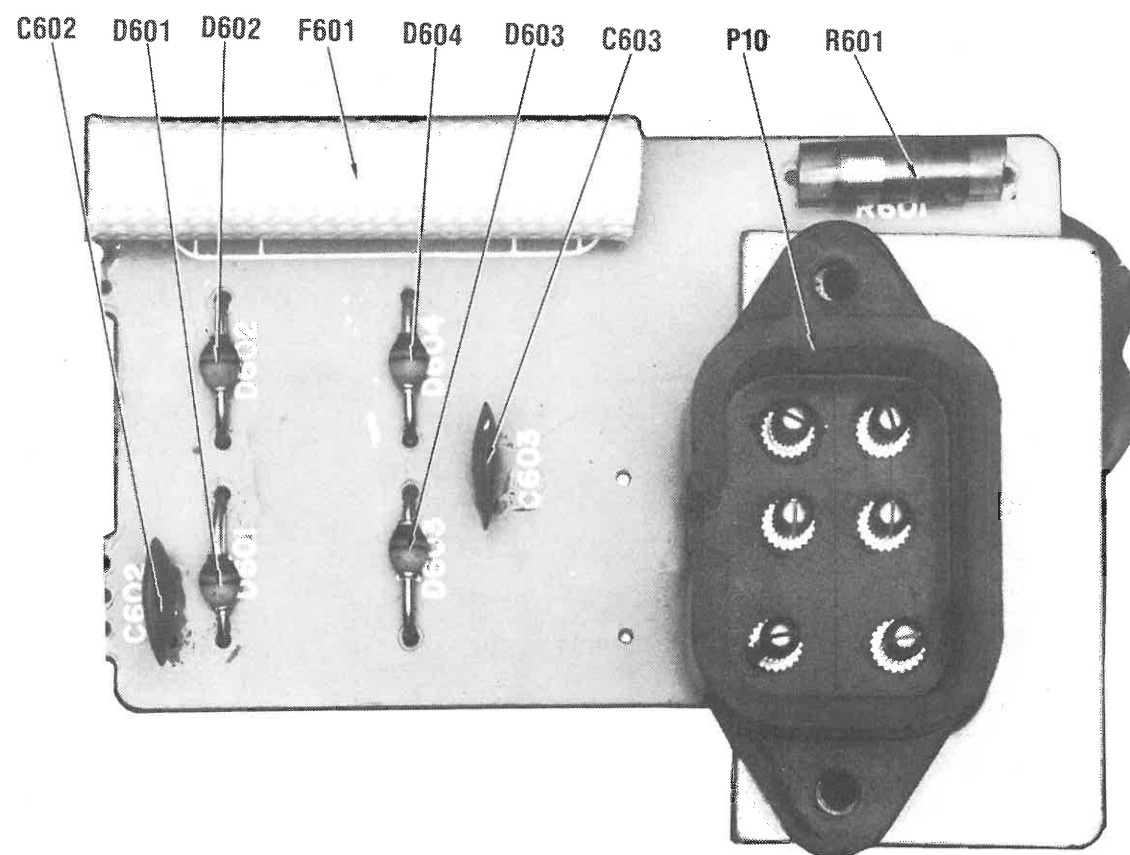
SHIELD LOCATION



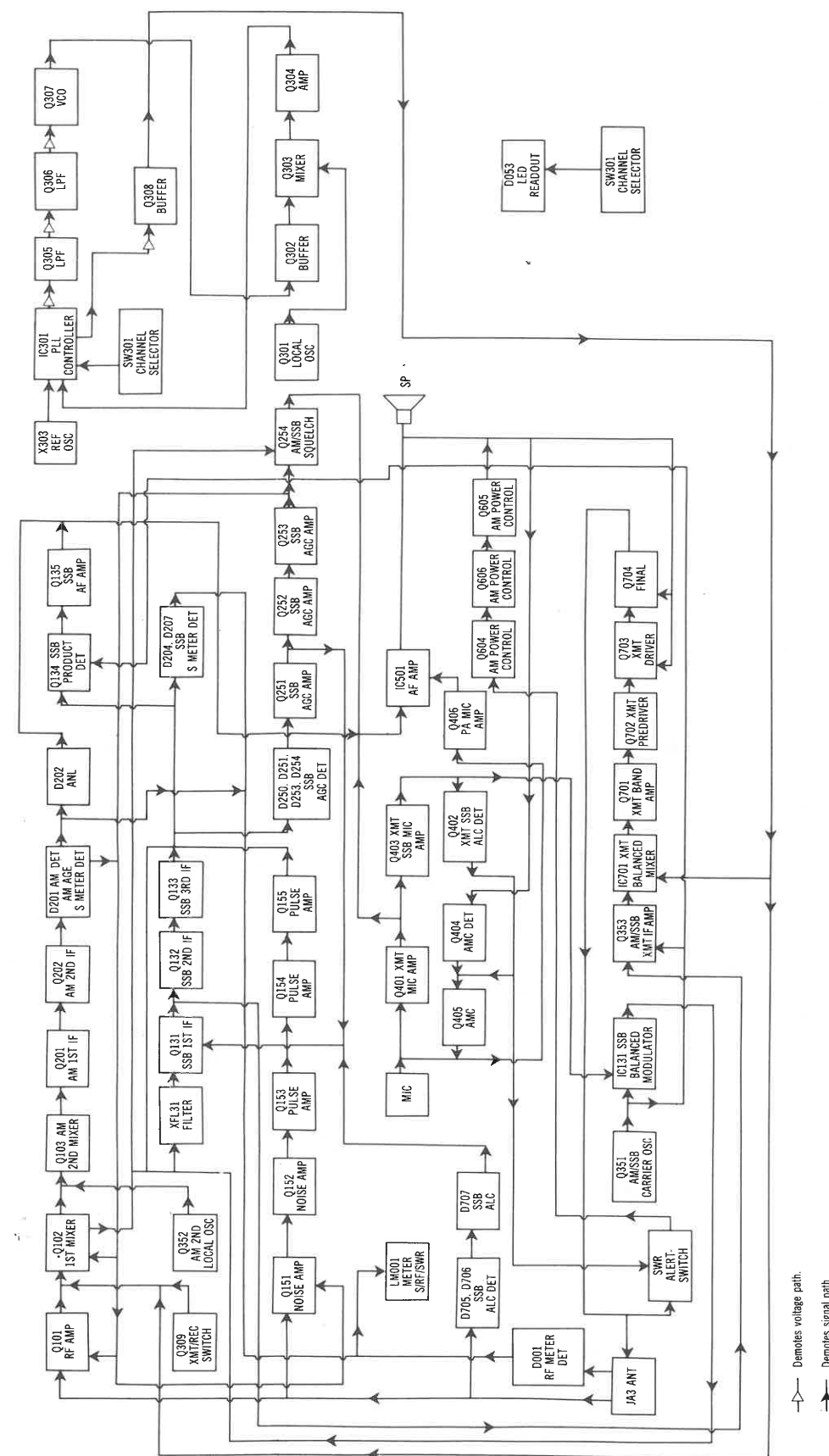
100 114

108

C624 242 C626 240 232 241  231 230

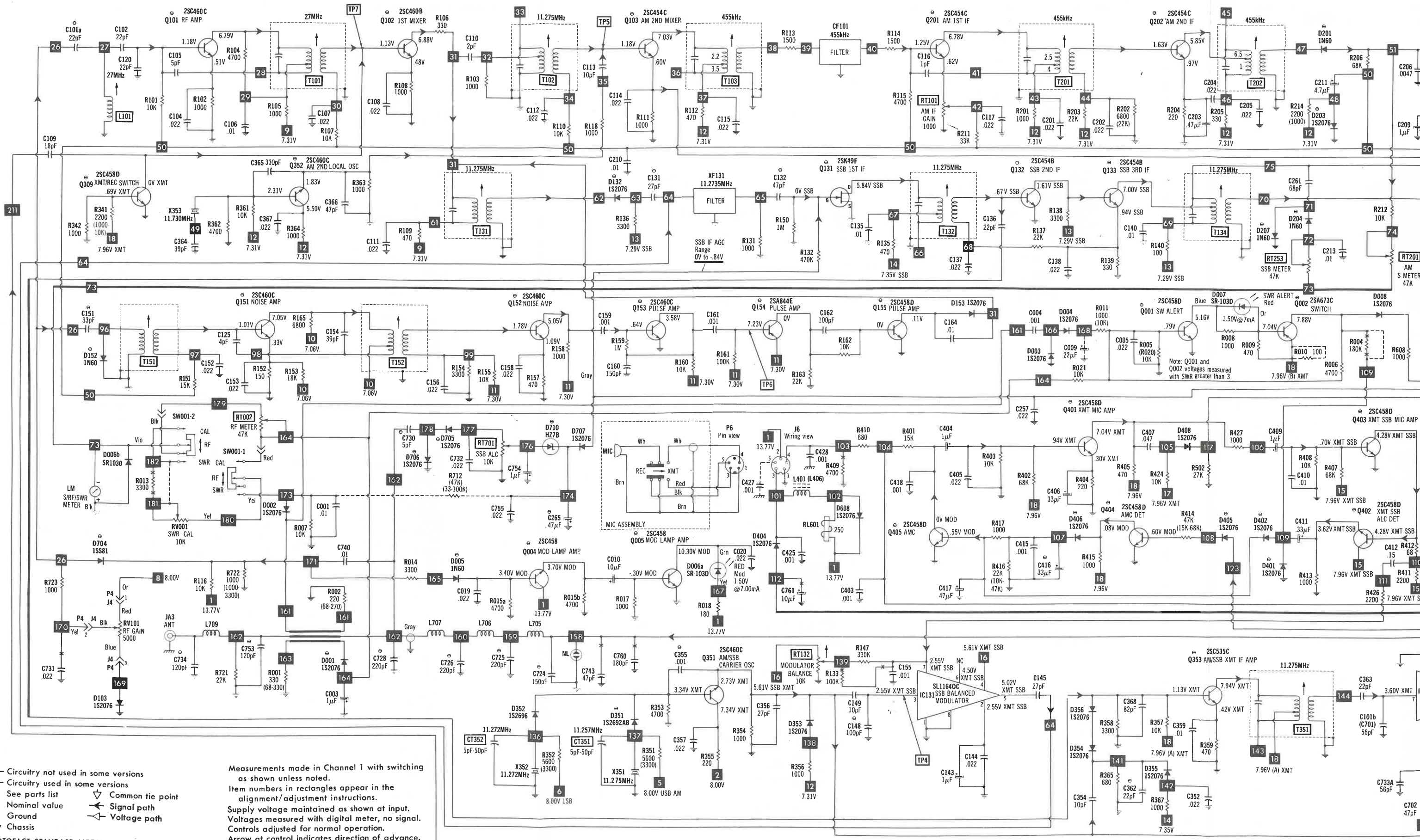


109



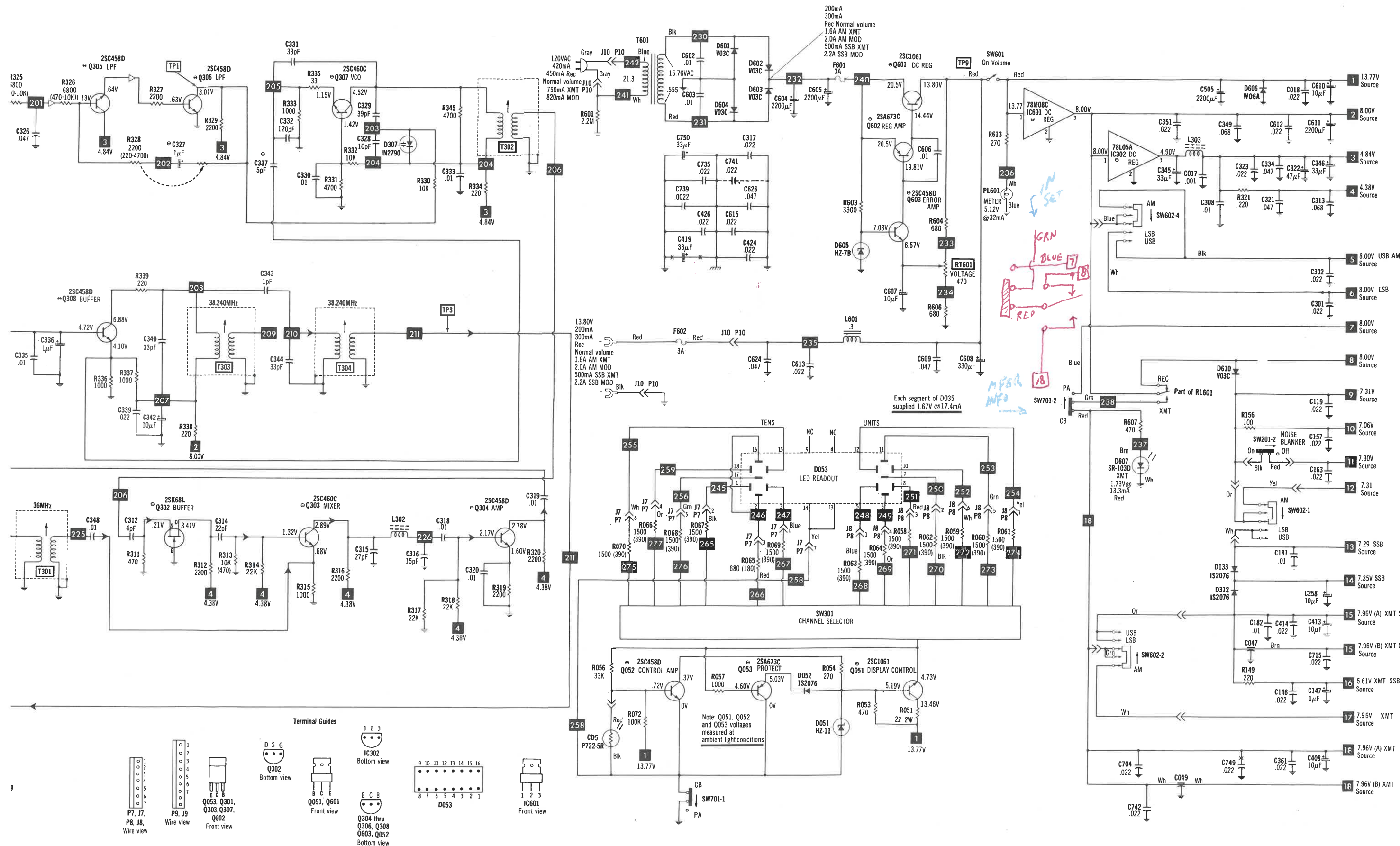
Demotes voltage path.

Demotes signal path.









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									
			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.
D001	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D002	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D003	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D004	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D005	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D006a	HZ-7C	5330131	GEZD-6.8	ZB6.8B	HEPR9137	REN 5071	SK3334	RT-238	ECG5071A	TM5071/**	WEP1106	103-287
D008	1S2076	5330131	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D051	HZ11B	5330552	GEZD-11	ZB11B	HEPR9137	REN 5074	SK3139	RT-242	ECG5074A	TM5074/**	WEP1156	103-279-20
D052	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D103	HZ-7C	5330131	GEZD-6.8	ZB6.8B	HEPR9137	REN 5071	SK3334	RT-238	ECG5071A	TM5071/**	WEP1106	103-287
D132	1S2076	5330131	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D133	1S2076-TF1	5330131	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D134	HZ-7C	5330131	GEZD-6.8	ZB6.8B	HEPR9137	REN 5071	SK3334	RT-238	ECG5071A	TM5071/**	WEP1106	103-287
D135	1S2076	5330131	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D153	HZ-7C	5330131	GEZD-6.8	ZB6.8B	HEPR9137	REN 5071	SK3334	RT-238	ECG5071A	TM5071/**	WEP1106	103-287
D201	1N60	5330731	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D202	1N60	5330731	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D203	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D204	1N60P	0575019	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D205	1N60	0575019	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D206	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D207	1N60P	0575019	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D208	1N60	0575019	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D250	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D251	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D252	1N60	0575019	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D253	1N60	0575019	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D254	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D255	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D256	1N60	0575019	1N60	PTC206	HEPR9135	REN 109	SK3088	RT-263	ECG109	TM109/**	WEP134	103-29001
D257	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D301	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D302	1S2692	5330761	1S2692AB	HEPR2500	HEPR2500	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D303	1S2692	5330761	1S2692AB	HEPR2500	HEPR2500	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D304	1S2790	5330661	1S2790	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D305	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D306	1S2790	5330661	1S2790	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D307	1S2790	5330661	1S2790	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D312	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D351	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D352	1S2692	5330761	1S2692AB	HEPR2500	HEPR2500	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D353	1S2692	5330761	1S2692AB	HEPR2500	HEPR2500	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D354	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D355	HZ-7C	5330131	GEZD-6.8	ZB6.8B	HEPR9137	REN 5071	SK3334	RT-238	ECG5071A	TM5071/**	WEP1106	103-287
D356	1S2076	5330131	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D401	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D402	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D403	W03A	5330341	GE-504A	PTC201	HEPR0052	REN 116	SK3311	RT-213	ECG116	TM116	WEP156	212-76-02
D404	1S2076	5330341	GE-504A	PTC201	HEPR0052	REN 116	SK3311	RT-213	ECG116	TM116	WEP156	212-76-02
D405	HZ-7C	5330131	GEZD-6.8	ZB6.8B	HEPR9137	REN 5071	SK3334	RT-238	ECG5071A	TM5071/**	WEP1106	103-287
D406	1S2076	5340022	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D407	1S2076-TF1	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D408	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D601	V03C	5330001	GE-504A	PTC201	HEPR0052	REN 116	SK3311	RT-213	ECG116	TM116	WEP156	212-76-02
D602	V03C	5330001	GE-504A	PTC201	HEPR0052	REN 116	SK3311	RT-213	ECG116	TM116	WEP156	212-76-02
D603	V03C	5330001	GE-504A	PTC201	HEPR0052	REN 116	SK3311	RT-213	ECG116	TM116	WEP156	212-76-02
D604	V03C	5330001	GE-504A	PTC201	HEPR0052	REN 116	SK3311	RT-213	ECG116	TM116	WEP156	212-76-02

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.
D605	HZ7-8	5330312	GEZD-6.8	ZB6.88		REN 5071	SK3334	RT-238	ECG5071A	TM5071/**	WEP1106	
D606	W06A	5330341	GE-504A	PTC201	HEPR0052	REN 116	SK3311	RT-213	ECG116	TM116	WEP156	212-76-02
D608	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D610	V03C	5330001	GE-504A	PTC201	HEPR0052	REN 116	SK3311	RT-213	ECG116	TM116	WEP156	212-76-02
D611	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D701	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D702	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D704	1S581	5330131	GEZD-7.5	ZB7.5B	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D705	HZ-7C	5330131	GEZD-7.5	ZB7.5B	HEPR9137	REN 138	SK3059	RT-239	ECG138A	TM138/**	WEP1107	103-29002
D705	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 138	SK3059	RT-239	ECG138A	TM138/**	WEP1107	103-29002
D706	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D706	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D706	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D707	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D708	1S2076	5330133	GE-514	PTC214	HEPR9137	REN 177	SK3100	RT-218	ECG519	TM519	WEP925	103-287
D710	HZ-7	5351211	GEZD-6.8	ZB6.88	HEPR9137	REN 5071	SK3334	RT-238	ECG5071A	TM5071/**	WEP1106	
IC131	SL1640C	5351211										
IC301	SM5104	5359251										
IC302	SM5104	5359251										
IC302	78L05	5359331										
IC501	T8L05A	5350491	GEIC-64									
IC501	HA1339A	5350491	GEIC-64									
IC601	HA1339	5350491	GEIC-64									
IC601	78M08C	5350572										
IC701	UPC14308A	5350572										
IC701	SL1640C	5351211										
Q001	2SC458D	5320064										
Q002	2SC458	5320593	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q002	2SA673C	5320593	GE-269	PTC103*	HEPS0026*	REN 289	SK3114	RT-115*	ECG290	TM290	WEP911	121-29000A*
Q003	2SA673	5320064	GE-269	PTC103*	HEPS0026*	REN 290	SK3114	RT-115*	ECG290	TM290	WEP911	121-29000A*
Q003	2SC458D	5320064	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q004	2SC458	5320064	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q004	2SC458D	5320064	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q005	2SC458	5320064	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q005	2SC1740	5320064	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	TM123A*	WEP736*	121-29000A*
Q005	2SC458D	5320064	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q005	2SC458	5320064	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q051	2SC1740	5320671	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	TM123A*	WEP736*	121-29000A*
Q051	2SC1061T	5320671	GE-66	PTC167	HEPS3061	REN 152	SK3054	RT-197	ECG152	TM152/**	WEP745	121-29002
Q051	2SC1061B	5320671	GE-66	PTC167	HEPS3061	REN 152	SK3054	RT-197	ECG152	TM152/**	WEP745	121-29002
Q051	2SC1061	5320671	GE-66	PTC167	HEPS3061	REN 152	SK3054	RT-197	ECG152	TM152/**	WEP745	121-29002
Q052	2SC1096	5320064	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q052	2SC458D	5320064	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q053	2SC458	5320593	GE-210	PTC121*	HEPS0009*	REN 289	SK3122	RT-187	ECG289	TM289/**	WEP458	121-29000A*
Q053	2SA673C	5320593	GE-269	PTC103*	HEPS0026*	REN 290	SK3114	RT-115*	ECG290	TM290	WEP911	121-29000A*
Q101	2SA673	0573487	GE-269	PTC103*	HEPS0026*	REN 290	SK3114	RT-115*	ECG290	TM290	WEP911	121-29000A*
Q101	2SC460C	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q102	2SC1739	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q102	2SC460C	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q102	2SC460	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q103	2SC1739	0573492	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q103	2SC454C	0573492	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q131	2SC454	0573491	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q131	2SC839	0573491	GE-20*	PTC139*	HEPS0015*	REN 229*	SK3444	RT-308	ECG229*	TM229/**	WEP829	121-29000A*
Q131	2K49F	0573491	GE-FET-2	PTC161	HEPF0021	REN 132	SK3448	RT-175	ECG312	TM312	WEP920	121-756
Q132	2K49	0573491	GE-FET-2	PTC161	HEPF0021	REN 132	SK3448	RT-175	ECG312	TM312	WEP920	121-756
Q132	2SC454B	0573491	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q132	2SC454	0573491	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q133	2SC839	0573491	GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	TM123A/**	WEP1945	121-29000A*
Q133	2SC454B	0573491	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q133	2SC454	0573491	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q134	2SC839	0573491	GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	TM123A/**	WEP1945	121-29000A*
Q134	2SC454D	0573491	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q134	2SC454	0573491	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q135	2SC839	0573491	GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	TM123A/**	WEP1945	121-29000A*
Q135	2SA944E	0573487	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	TM129*	WEP564	121-29005
Q135	2SA844	0573487	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	TM129*	WEP564	121-29005
Q151	2SC460C	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q151	2SC460	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q152	2SC1740	0573487	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	TM123A*	WEP736*	121-29000A*
Q152	2SC460C	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q152	2SC460	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q153	2SC1740	0573487	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	TM123A*	WEP736*	121-29000A*
Q153	2SC460C	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q153	2SC460	0573487	GE-61*	PTC136*	HEPS0014*	REN 107	SK3122	RT-134	ECG107	TM107/**	WEP460	121-29000A*
Q154	2SC1740	0573487	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	TM123A*	WEP736*	121-29000A*
Q154	2SA844E	5320064	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	TM129*	WEP564	121-29005
Q155	2SA844	5320064	GE-244*	PTC103*	HEPS0019*	REN 129*	SK3114	RT-126A*	ECG129*	TM129*	WEP564	121-29005
Q155	2SC458D	5320064	GE-61*	PTC121*	HEPS0014*	REN 108*	SK3018*	RT-107A	ECG108*	TM108*	WEP394	121-29000A*
Q155	2SC458	5320064	GE-61*	PTC121*	HEPS0014*	REN 108*	SK3018*	RT-107A	ECG108*	TM108*	WEP394	121-29000A*
Q201	2SC1740	0573457	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	TM123A/**	WEP736*	121-29000A*
Q201	2SC454C	0573457	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q201	2SC454	0573457	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q202	2SC839	0573457	GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	TM123A/**	WEP1945	121-29000A*
Q202	2SC454C	0573457	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q202	2SC454	0573457	GE-210	PTC115*	HEPS0015*	REN 289	SK3124	RT-187	ECG289	TM289/**	WEP454	121-29000A*
Q251	2SC839	5320064	GE-61*	PTC132*	HEPS0015*	REN 123A*	SK3444	RT-308	ECG123A*	TM123A/**	WEP1945	121-29000A*
Q251	2SC458D	5320064	GE-61*	PTC121*	HEPS0014*	REN 108*	SK3018*	RT-107A	ECG108*	TM108*	WEP394	121-29000A*
Q251	2SC458	5320064	GE-61*	PTC121*	HEPS0014*	REN 108*	SK3018*	RT-107A	ECG108*	TM108*	WEP394	121-29000A*
Q251	2SC1740	5320064	GE-62	PTC121*	HEPS0015*	REN 123A*	SK3122	RT-109*	ECG123A*	TM123A/**	WEP736*	121-29000A*

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

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

			REPLACEMENT DATA
--	--	--	------------------

SEARS MODEL 934.38270700

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

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

				REPLACEMENT DATA
--	--	--	--	------------------

* Lead configuration may vary from original.
/** Also available as exact type replacement.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C003	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C009	22 10V	0252322	PC25-25	VTT22B16	QV1-55	EV-1224
C010	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C133	4.7 25V	0252615	PC5-50	VTT4R7B50	QV1-27	EV-1319
C142	33 10V	0252323	PC30-25	VTT33B10	QV1-61	EV-1125
C143	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C147	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C203	.47 50V		PC1-50	VTT4R7A63	QV1-3	EV-1610
C209	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C211	4.7 25V	0252615	PC5-50	VTT4R7B50	QV1-27	EV-1319
C253	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C255	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C258	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C260	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-23	EV-1318
C262	100 10V	0252331	PC100-10	VTT100E10	QV1-93	EV-1130
C263	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C265	.47 50V		PC1-50	VTT4R7A63	QV1-3	EV-1610
	47 50V	0256118	PC50-50	VTT47J63	QV1-79	EV-1626
C322	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226
C327	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
	.1-10					
C336	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C342	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C345	33 6.3V	0252223	PC30-25	VTT33B10	QV1-61	EV-1125
C346	33 6.3V	0252223	PC30-25	VTT33B10	QV1-61	EV-1125
C404	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C406	33 10V	0252323	PC30-25	VTT33B10	QV1-61	EV-1125
C408	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C409	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C411	.33 25V	0256530				
C413	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C416	33 6.3V	0252223	PC30-25	VTT33B10	QV1-61	EV-1125
	100 6.3V		PC100-10	VTT100E10	QV1-93	EV-1130
C417	47 16V		PC50-16	VTT47D16	QV1-73	EV-1226
	100 6.3V	0252231	PC100-10	VTT100E10	QV1-93	EV-1130
C419	33 25V		PC30-25	VTT33D25	QV1-63	EV-1325
C420	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C501	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C503	47 10V	0256114	PC50-16	VTT47D16	QV1-73	EV-1226
C505	2200 25V	0256110	WBR2000-25*	TC2520A*	QE1-645*	TVA-1213.5*
C509	4.7 25V	0252615	PC5-50	VTT4R7B50	QV1-27	EV-1319
C513	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226
C514	470 25V		WBR500-25*	VTT470M25	QV1-153	EV-1350
	220 25V	0252632	PC250-25	VTT220K25	QV1-119	EV-1340
C517	1000 25V	0256074	WBR1000-25*	VTT1000M25	QV1-185	EV-1360
C604	2200 25V	0256110	WBR2000-25*	TC2520A*	QE1-645*	TVA-1213.5*
C605	2200 25V	0256110	WBR2000-25*	TC2520A*	QE1-645*	TVA-1213.5*
C607	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C608	330 16V	0252533	WBR300-35*	VTT330H16	QV1-133	EV-1245
C610	10 25V		PC10-25	VTT10B25	QV1-43	EV-1322
C611	2200 10V		WBR2000-16*	VTT2200N10	QV1-201	EV-1180
C623	22 10V	0252322	PC25-25	VTT22B16	QV1-55	EV-1224
C750	33 25V	0252623	PC30-25	VTT33D25	QV1-63	EV-1325
C754	1 50V	0252811	PC1-50	VTT1A50	QV1-11	EV-1615
C761	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322

* Axial replacement for radial device.

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C001	.01		UK50-103		MAG5011		10TS-D10
C004	.001		DD-102		GP210		192P2239R8
C005	.022				M192P2239R8		10TS-D10
C011	.001		DD-102		GP210		10TS-D10
C012	.001		DD-102		GP210		10TS-D10
C013	.001		DD-102		GP210		10TS-D10
C014	.001		DD-102		GP210		10TS-D10
C015	.001		DD-102		GP210		10TS-D10
C016	.001		DD-102		GP210		10TS-D10
C017	.001		DD-102		GP210		10TS-D10
C018	.022				M192P2239R8		192P2239R8
C019	.022				M192P2239R8		192P2239R8
C020	.022				M192P2239R8		192P2239R8
C046							
C047							
C048							
C049							
C101A	22 10% 10-50		DTZ-22	NP022	CN0422		10TCC-Q22
C101B	56				CN0456		10TCC-Q56
C102	33 10%		DTZ-33	NP033	CN0433		10TCC-Q33
C104	.022				M192P2239R8		192P2239R8
C105	5 +.5		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C106	.01		UK50-103		MAG5011		192P2239R8
C107	.022				M192P2239R8		192P2239R8
C108	.022				M192P2239R8		10TCC-Q18
C109	18 10%				CN0418		10TCC-V22
C110	2 +.5		DTZ-2R2	NP02P2	CN0522		192P2239R8
C111	.022				M192P2239R8		192P2239R8
C112	.022				M192P2239R8		10TCC-Q10
C113	10 +.5		DTZ-10	NP010	CN0410		192P2239R8
C114	.022 50V				M192P2239R8		192P2239R8
C115	.022				M192P2239R8		10TCC-V10
C116	1 +.5				CN0510		192P2239R8
C117	.022				M192P2239R8		

SEARS MODEL 934.38270700

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA					
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.		
						Q-LINE	GENERAL LINE	
C119	.022	0248644	DTZ-22	NP022	M192P2239R8	QF1-91	192P2239R8	
C120	22				CN0422		10TCC-Q22	
C125	4 +.5				CN0427		10TCC-Q27	
C131	27 10%							
	10-50							
C132	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47	
	10-50		DTZ-100	NP0100	CN0310		10TCC-T10	
C134	100 10%							
C135	.01				UK50-103			
C136	.022				DTZ-22			NP022
C137	.022		DTZ-10	NP010	M192P2239R8		192P2239R8	
C138	.022				M192P2239R8		192P2239R8	
C139	10				CN0410		10TCC-Q10	
C140	.01				MAG5011		10TCC-Q12	
C141	12		CN0412					
	5-30		DTZ-100	NP0100	M192P2239R8		192P2239R8	
C144	.022				CN0427	QF1-91	10TCC-Q27	
C145	27 10%				M192P2239R8		192P2239R8	
C146	.022				CN0310		10TCC-T10	
C148	100 10%				CN0410		10TCC-Q10	
C149	10				M192P2239R8		192P2239R8	
C150	.022				CN0433		10TCC-Q33	
C151	33 10%				M192P2239R8		192P2239R8	
	10-50							
C152	.022							
C153	.022				M192P2239R8		192P2239R8	
C154	39 10%				CN0439		10TCC-Q39	
C156	.022				M192P2239R8		192P2239R8	
C157	.022				M192P2239R8		192P2239R8	
C158	.022				M192P2239R8		192P2239R8	
C159	.001				GP210		10TS-D10	
C160	150 10%				CN0315		10TCC-T15	
C161	.001				GP210		10TS-D10	
C162	100 10%				CN0310		10TCC-T10	
C163	.022				M192P2239R8		192P2239R8	
C164	.01		UK50-103		MAG5011		192P2239R8	
C181	.01				MAG5011			
C182	.01				MAG5011			
C201	.022		DD-472	GP4700	M192P2239R8	QF1-195	192P2239R8	
C202	.022				M192P2239R8		192P2239R8	
C204	.022				M192P2239R8		192P2239R8	
C205	.022		DD-472	GP4700	M192P2239R8		192P2239R8	
C206	.0047 10%				GP247		5GA-D47	
C207	.01 50V				EWFA110		1PB-S10	
C208	.022 50V		UK50-103	WMF1S1	M192P2239R8		192P2239R8	
C210	.01				MAG5011		192P2239R8	
C212	.022				M192P2239R8			
C213	.01		UK50-103		MAG5011		192P1539R8	
C214	.01				MAG5011			
C215	.015 50V				M192P1539R8		192P1539R8	
C251	.022		UK50-103	NP04P7	M192P2239R8		192P2239R8	
C252	.01				MAG5011		10TCC-V47	
C254	5 +.5				CN0547			
C256	.0T		DTZ-4R7	NP04P7	MAG5011	QF1-195	10TCC-Q47	
C257	.022				M192P2239R8		192P2239R8	
C259A	.068 50V				EWFA168		1PB-S68	
	.01	0248646	UK50-103	NP010	MAG5011		10TCC-Q10	
C259B	10 +.5				CN0410			
C301	.022				M192P2239R8		192P2239R8	
C302	.022		DD-471	GP470	M192P2239R8		192P2239R8	
C303	.022				M192P2239R8		192P2239R8	
C304	6 +.5				M192P2239R8		192P2239R8	
C305	6 +.5		DTZ-47	NP047	GP347	QF1-171	10TS-T47	
C306	470 10%				CN0447		10TCC-Q47	
C307	47 10%				CN0468		10TCC-Q68	
	68 10%	0248074	UK50-103	NP068	MAG5011		10TCC-Q12	
C308	.01				CN0412			
C309	12 10%				CN0433		10TCC-Q33	
C310	33 10%		DTZ-33	NP033	*		10TCR-Q39	
C311	39 N220 10%				M192P2239R8		10TCC-Q27	
C312	4 +.5							
C313	.068 50V		DTZ-22	WMF1S68	EWFA168	QF1-195	1PB-S68	
C314	22 10%				CN0422		10TCC-Q22	
C315	27 10%				CN0427		10TCC-Q27	
C316	15 10%		DTZ-15	NP015	CN0415		10TCC-Q15	
C317	.022				M192P2239R8		192P2239R8	
C318	.01		UK50-103		MAG5011		1PB-S47	
C319	.01				MAG5011			
C320	.01				MAG5011			
C321	.047		DTZ-47	DPMS2S47	EWFA147	QF1-171	192P2239R8	
C323	.022				M192P2239R8		10TCC-Q47	
C324	47 10%				CN0447		10TCC-Q47	
C325	47 10%	0248020	DTZ-47	NP047	CN0447		1PB-S47	
C326	.047				EWFA147		10TCR-Q10	
C328	10 N220 +.5				*		10TCR-Q39	
C329	39 N750 10%		UK50-103	NP033	MAG5011		10TCC-Q33	
C330	.01				CN0433			
C331	33 5%				CN0312		10TCC-T12	
C332	120 5%		UK50-103		MAG5011		1PB-S47	
C333	.01				EWFA147			
C334	.047				MAG5011		10TCC-V47	
C335	.01		UK50-103	DPMS2S47	MAG5011			
C337	5 +.5				CN0547		192P2239R8	
C339	.022				M192P2239R8		10TCC-Q33	
C340	33 10%		DTZ-33	NP033	CN0433		10TCC-Q33	
C343	1 +.5				CN0510		10TCC-V10	
C344	33 10%				CN0433		1PB-S68	
C348	.01	0248544	DTZ-33	NP033	MAG5011			
C349	.068 50V				EWFA168			QF1-195
C351	.022				M192P2239R8	192P2239R8		
C352	.022		UK50-103	WMF1S68	M192P2239R8	192P2239R8		
					M192P2239R8	192P2239R8		

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
C354	10 +.5		DTZ-10	NP010	CN0410		10TCC-Q10
C355	.001		DD-102		GP210		10TS-D10
C356	27 10%				CN0427		10TCC-Q27
C357	.022				M192P2239R8		192P2239R8
C359	.01		UK50-103		MAG5011		
C361	.022				M192P2239R8		192P2239R8
C363	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C364	39 10%				CN0439		10TCC-Q39
C365	330 10%		DD-331	GP330	GP333		10TS-T33
C366	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C367	.022				M192P2239R8		192P2239R8
C403	.001		DD-102		GP210		10TS-D10
C405	.022 50V				M192P2239R8		192P2239R8
C407	.047 50V			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C410	.01		UK50-103		MAG5011		
C412	.15 50V			WMF05P15	EWFO5015		431P1549R5
C414	.022				M192P2239R8		192P2239R8
C415	.001		DD-102		GP210		10TS-D10
C418	.001		DD-102		GP210		10TS-D10
C424	.022				M192P2239R8		192P2239R8
C425	.001		DD-102		GP210		10TS-D10
C426	.022				M192P2239R8		192P2239R8
C428	.001		DD-102		GP210		10TS-D10
C429	.022				M192P2239R8		192P2239R8
C502	.022 50V				M192P2239R8		192P2239R8
C504	.0047 50V				M192P4729R8		192P4729R8
C506	.01 50V			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C507	68 10%		DTZ-68	NP068	CN0468		10TCC-Q68
C508	100 10%		DTZ-100	NP0100	CN0310		10TCC-T10
C510	.22 100V			DPMS2P22	EWFA022	QF1-253	1PB-P22
C518	.022				M192P2239R8		192P2239R8
C519	.022				M192P2239R8		192P2239R8
C520	.022				M192P2239R8		192P2239R8
C521	.022				M192P2239R8		192P2239R8
C524	.001		DD-102		GP210		10TS-D10
	.01		UK50-103		MAG5011		
C525	.01		UK50-103		MAG5011		
C527	.047			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C602	.01		UK50-103		MAG5011		
C603	.01		UK50-103		MAG5011		
C606	.01		UK50-103		MAG5011		
C609	.047			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C612	.022				M192P2239R8		192P2239R8
C613	.022				M192P2239R8		192P2239R8
C614	.022				M192P2239R8		192P2239R8
C615	.022				M192P2239R8		192P2239R8
C624	.047			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C626	.047			DPMS2S47	EWFA1A147	QF1-171	1PB-S47
C702	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C703	.01		UK50-103		MAG5011		
C704	.022				M192P2239R8		192P2239R8
C705	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C706	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
	47-100						
C707	.022				M192P2239R8		192P2239R8
C708	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C709	.022				M192P2239R8		192P2239R8
C710	180 10%		DTZ-180				10TCC-T18
C711	.022				M192P2239R8		192P2239R8
C712	68 10%		DTZ-68	NP068	CN0468		10TCC-Q68
C713	.022				M192P2239R8		192P2239R8
C714	270 10%		DTZ-270				10TCC-T27
	100-500						
C715	.022				M192P2239R8		192P2239R8
C716	.022				M192P2239R8		192P2239R8
C717	56 10%				CN0456		10TCC-Q56
	47-68						
C718	150 10%		DTZ-150		CN0315		10TCC-T15
	120-220						
C720	.022				M192P2239R8		192P2239R8
C721	1 +.5				CN0510		10TCC-V10
C722	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C723	470 10%		DD-471	GP470	GP347		10TS-T47
	400-1000						
C724	150		DTZ-150		CN0315		10TCC-T15
	50-500						
C725	220		DTZ-220				10TCC-T22
	100-300						
C726	220		DTZ-220				10TCC-T22
	100-300						
C728	220		DTZ-220				10TCC-T22
	47-220						
C729	.022				M192P2239R8		192P2239R8
C730	5 +.5		DTZ-4R7	NP04P7	CN0547		10TCC-V47
	2-6						
C731	.022				M192P2239R8		192P2239R8
C732	.022				M192P2239R8		192P2239R8
C733A	56 10%				CN0456		10TCC-Q56
C733B	.001		DD-102		GP210		10TS-D10
C734	100 10%		DTZ-100	NP0100	CN0310		10TCC-T10
	56-220						
C735	.022				M192P2239R8		192P2239R8
C736	.022				M192P2239R8		192P2239R8
C737	.022				M192P2239R8		192P2239R8
C738	68		DTZ-68	NP068	CN0468		10TCC-Q68
C739	.0022				GP222		10TS-D22
C740	.01		UK50-103		MAG5011		
C741	.022				M192P2239R8		192P2239R8
C742	.022				M192P2239R8		192P2239R8
C743	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C745	100 10%		DTZ-100	NP0100	CN0310		10TCC-T10

SEARS MODEL 934.38270700

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
C749	.022		DTZ-120		M192P2239R8	192P2239R8
C751	.022				M192P2239R8	192P2239R8
C753	120				CN0312	10TCC-T12
	10-150					
C755	.022				M192P2239R8	192P2239R8
C760	180 N150 5%				*	10TCP-T18
C762	180 N150 5%				*	10TCP-T18
C781	.022				M192P2239R8	192P2239R8
CT301	5	5058104				
CT302	5	5058104				
CT351	5-50					
CT352	5-50					

* 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.
RT002	RF Meter	47K	0151888			U260R503B
RT101	AM IF Gain	1000	0151883			U260R102B
RT131	SSB IF Gain	4700	0151885	T-5000(3)	MTC53L1(3)	U260R502B
RT132	Modulator Balance	10K	0151886			U260R103B
RT201	AM S Meter	47K	0151888			U260R503B
RT202	AM Squelch Range	10K	0151886			U260R103B
RT251	AGC	10K	0151886			U260R103B
RT252	SSB Squelch Range	47K	0151888			U260R503B
RT253	SSB S Meter	47K	0151888			U260R503B
RT601	Voltage	470	0151882	T-500(3)	MTC52L1(3)	U260R502B
RT602	AM Power	1000	0151883			U260R102B
RT701	SSB ALC	10K	0151886			U260R103B
RT702	RF Driver Bias	1000	0151883			U260R102B
RT703	RF Final Bias	100				
RV001	SWR Cal	20K	5000354(18)			
RV101	RF Gain	5000				
RV251	Squelch	50K	5000331			
RV301	Fine Tuning	10K	5000306			
RV501	Volume/Power Switch	100K	5003142			

(3) For horizontal mounting, bend the two outside terminals to fit PC board. Use jumper to connect center terminal to PC board.

(18) Includes RV001 and RV101.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L101	Rec RF Bandpass (27MHz)	5126372			
L302	Pi Filter (120uH)	5152088			
L303	Pi Filter (820uH)	5152099			
L401	RF Choke (150uH)	5152029			
L501	RF Choke	5220002			
L601	RF Choke (3.9uH)	5152068			
L602	RF Choke (3.9uH)	5152068			
L603	RF Choke (3.9uH)	5152068			
L604	RF Choke (3.9uH)	5152068			
L605	RF Choke (3.9uH)	5152068			
L701	RF Choke (1uH)	5150783			
L702	XMT Driver (27MHz)	5126292			
L703	Trap (.5uH)	5123271			
L704	XMT Final (27MHz)	5126292			
L705	Loading Final (.35uH)	5126551			
L706	Pi Filter (.4uH)	5126552			
L707	Pi Filter (.4uH)	5126552			
L708	RF Choke (1uH)	5152061			
L709	Antenna Tuning (.33uH)	5150073			
L710	Trap (.5uH)	5123271			
L711	RF Choke (1uH)	5152061			
T101	RF Amp (27MHz)	5120099			
T102	Rec Mixer (11.275MHz)	0322341			
T103	IF Filter (455kHz)	0322116			
T131	SSB Rec RF (11.275MHz)	5142026			
T132	SSB IF (11.275MHz)	0322341			
T134	SSB IF (11.275MHz)	0322341			
T151	Noise Blanker	5123266			
T152	Noise Blanker	5123266			
T201	IF (455kHz)	0322146			
T202	IF (455kHz)	5132031			
T301	XMT Buffer (36MHz)	5123261			
T302	VCO	5123269			
T303	PLL (38.240MHz)	5123261			
T304	Rec Buffer (38.240MHz)	5123261			
T351	SSB XMT IF (11.275MHz)	5123445			
T701	XMT Mixer (27MHz)	5123432			
T702	XMT Bandpass (27MHz)	5123432			
T703	XMT Pre-driver (27MHz)	5123261			
T704	XMT Mixer (27MHz)	5123432			

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFR. PART No.	THORDARSON PART No.	TRIAD PART No.	
L601	2.3A	.2	1.5mH	5220002			

PARTS LIST AND DESCRIPTION (CONTINUED)

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

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T501	50	1 8 2 128	5250193			

TRANSFORMER (Power)

ITEM No.	RATING		REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T601	120V AC @ 820mA	15.70V AC @ 4.0A AC	5212033		PCB-3	

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP	3 1/4" X 4 5/8" PM, 8 Ohms	5415001		

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA					
		PART No.		BUSS PART No.		LITTELFUSE PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	WORKMAN PART No.
F602	3A Quick Acting	5720243		AGC3		312003	
T601	3A Quick Acting	5721131		GJV3	HDJ	315003	150145
							FG3-2

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC CONNECTOR	GC Red	GC Shield	GC Yellow	GC Blue	GC White	GC Black
MIC	5421351	18-032	18-034	18-010	18-105	4	1	3	5	NC	1

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF101	Filter	516001	455kHz
D006b	LED	5380053	Modulation Indicator, Red (1.50V @ 7mA)
D053	LED	5310101	Channel Readout (1.67V @ 17.4mA per each segment)
D607	LED	5380054	Transmit Indicator, Red (1.73V @ 13.3mA)
JA1	Jack	5673111	Extension Speaker
JA2	Jack	5673111	PA Speaker
JA3	Jack	5675152	Antenna
LM	Meter	5554202	RF/SWR
PL601	Lamp	5760821	Meter (5.12V @ 32mA)
RL601	Relay	5640062	Transmit/Receive
SW001	Switch	5604092	CAL/RF/SWR
SW151	Switch		Noise Blanker (On/Off)
SW201	Switch	5604082	ANL On/Off
SW301	Switch	5612221	Channel Selector
SW501	Switch	5604082	Tone (High/Low)
SW602	Switch	5621341	AM/LSB/USB
SW701	Switch	5604082	PA/CB
X301	Crystal	5780284	12.320MHz
X302	Crystal	5780283	12.319MHz
X303	Crystal	5780281	12.240MHz
X351	Crystal	5780169	11.275MHz
X352	Crystal	5780168	11.272MHz
X353	Crystal	5780167	11.730MHz
XF131	Filter	5161011	11.2735MHz
	AC Plug	0593477	(120V AC @ 820mA)

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

ITEM	PART No.	ITEM	PART No.
Cover, Bottom	6147061	Knob, Assembly	6299961
Cover, Top	6147071	Knob, Assembly	6294701
Escutcheon Assembly	6242262	Knob, Switch	6296124
Knob, Assembly	6286951	Cover, Switch	7765211
Knob, Assembly	6286941		

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')

SEARS MODEL 934.38270700