

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 934.36772600

MANUFACTURER'S SPECIFICATIONS

Receiver

Frequency Coverage: All 23 channels lower side band, upper side band, or AM.

26.965 to 27.255MHz

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

SSB: 0.1 μ V for 10 dB S+N/N

Selectivity: AM: 60 dB $\pm$ 10KHz

SSB: 70 dB $\pm$ 5KHz

IF Frequency: AM: 1st IF; 11.275MHz

2nd IF; 455KHz

SSB: 11.273MHz

Audio Output: AM: 4W (THD 10%)

SSB: 4W (THD 10%)

Frequency Response: AM: 400-2000Hz

SSB: 400-2000Hz

Squelch: Adjustable

Transmitter

Frequency Coverage: All 23 channels lower side band, upper side band, or AM.

26.965 to 27.255MHz

Power Output:

AM: 3.8W

SSB: 12W (P.E.P)

Emission:

AM: 6A3

SSB: 3A3J

Modulation:

-100%, $\pm$ 90%

Spurious Radiation:

AM: 60 dB

SSB: 60 dB

RF Frequency Stability:

0.002%

Antenna Impedance:

50 ohms

Semiconductor Complement:

2 IC

39 Transistors (including 1

FET)

75 Diodes

Microphone:

Dynamic

Power Requirements:

AC: 120V, 60Hz

DC: 13.8V positive or

negative ground

Dimensions:

2 $\frac{3}{4}$ " (H) $\times$ 8 $\frac{7}{8}$ " (W) $\times$ 10 $\frac{1}{4}$ " (D)

Weight:

8 lbs 13 oz

Courtesy of the Manufacturer

SEARS MODELS 934.36771500/.36772600

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

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7CZ570

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.
 Connect low sides of test equipment to ground unless specified otherwise.
 Connect 50-ohm dummy load or antenna before keying transmitter.
 Suggested Alignment Tools:

GC ELECTRONICS:

L1,L10,L11,L13B,L14,MF1,T3,T4,T5,T6,T10 5009
 T1,T2,T7,T8,T9,T12,T13,T14,T15,T16 9440
 C55,C105,C106 thru C108,C116 thru C121,C133 thru C136,C170,C178 5000
 L13A 9440, 8282

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of frequency-counter to TP1.	Ch. 13, USB	C178	Adjust for 11.275MHz.
Input of frequency counter to TP1.	Ch. 13, LSB	C170	Adjust for 11.272MHz.
Input of frequency counter to antenna jack. Inject a 1000Hz, 1mV signal at Mic input.	Ch. 1, LSB, Xmit, Fine Tuning - fully counterclockwise	C117, C105	Adjust for 26.96400MHz.
	Ch. 2, LSB, Xmit, Fine Tuning - fully counterclockwise	C106	Adjust for 26.97400MHz.
	Ch. 3, LSB, Xmit, Fine Tuning - fully counterclockwise	C107	Adjust for 26.98400MHz.
	Ch. 4, LSB, Xmit, Fine Tuning - fully counterclockwise	C108	Adjust for 27.00400MHz.
Input of frequency counter to antenna jack.	Ch. 1, AM, Xmit, Fine Tuning - fully clockwise	C133	Adjust for 26.96500MHz.
	Ch. 2, AM, Xmit, Fine Tuning - fully clockwise	C134	Adjust for 26.97500MHz.
	Ch. 3, AM, Xmit, Fine Tuning - fully clockwise	C135	Adjust for 26.98500MHz.
	Ch. 4, AM, Xmit, Fine Tuning - fully clockwise	C136	Adjust for 27.00500MHz.
	Ch. 5, AM, Xmit, Fine Tuning - fully clockwise	C118	Adjust for 27.01500MHz.
	Ch. 9, AM, Xmit, Fine Tuning - fully clockwise	C119	Adjust for 27.06500MHz.
	Ch. 13, AM, Xmit, Fine Tuning - fully clockwise	C120	Adjust for 27.11500MHz.
	Ch. 17, AM, Xmit, Fine Tuning - fully clockwise	C121	Adjust for 27.16500MHz.
	Ch. 21, AM, Xmit, Fine Tuning - fully clockwise	C116	Adjust for 27.21500MHz.
Input of oscilloscope to TP2.	Ch. 13, AM	T12,T13,T14, T15, T16	Adjust for maximum.
Input of frequency counter to TP3.	Ch. 13, AM		Check for 11.730MHz.

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.

AM

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.115MHz, 1000Hz @ 30% modulation.	Ch. 13 AM, RF Gain Max. Fine Tuning Center	T5, T4, T3, MF1, T2, T1, L1	Adjust for maximum output.

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.

SSB

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.114MHz no modulation.	Ch. 13, LSB, RF Gain Max Fine Tuning Center	T9, T8, T7, T6	Adjust for maximum output.

RECEIVER ADJUSTMENTS

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

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.115MHz, 1000Hz @ 30% modulation. Output 0.5uV.	Ch. 13, AM RF Gain Max Fine Tuning Center Volume Max	R17	AM SENSITIVITY Adjust R17 for 1 watt of audio.
Output of signal generator thru .01uF to antenna jack. 27.114MHz, no modulation. Output 0.25uV.	Ch. 13, LSB, RF Gain Max Fine Tuning Center Volume Max	R62	SSB SENSITIVITY Adjust R62 for 1 watt of audio.
Output of signal generator thru .01uF to antenna jack. 27.114MHz, no modulation. Output 50,000uV.	Ch. 13, LSB RF Gain Max Fine Tuning Center	R231	SSB AGC Adjust volume to obtain 0db. Decrease generator to 50uV. Adjust R231 so that signal does not drop more than 10db.
Output of signal generator thru .01uF to antenna jack. 27.115MHz, 1000Hz @ 30% modulation. Output 1000uV.	Ch. 13, AM RF Gain Max Fine Tuning Center	R37	AM SQUELCH RANGE Adjust R37 so that squelch just breaks.
Output of signal generator thru .01uF to antenna jack. 27.114MHz no modulation. Output 1000uV.	Ch. 13, LSB, RF Gain Max Fine Tuning Center	R260	SSB SQUELCH RANGE Adjust R260 so that squelch just breaks.
Output of signal generator thru .01uF to antenna jack. 27.115MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 13, AM, RF Gain Max Fine Tuning Center	R262	AM S METER Adjust R262 for 9 on S scale of meter.
Output of signal generator thru .01uF to antenna jack. 27.114MHz no modulation. Output 100uV.	Ch. 13, LSB, RF Gain Max Fine Tuning Center	R263	SSB S METER Adjust R263 for 9 on S scale of meter.

SEARS MODELS 934.36771500/.36772600

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.

AM

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of Spectrum analyzer to antenna jack.	Ch. 13	T10,T11, L13B,L14, L10,L11	Adjust for maximum.
	Ch. 13	L11, L10	Adjust for 4 watts maximum.
	Ch. 13	L13A	Adjust for MINIMUM at 54MHz.

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.

SSB

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of oscilloscope to antenna jack. No input.	Ch. 13, USB	R67, C55	Adjust for MINIMUM.

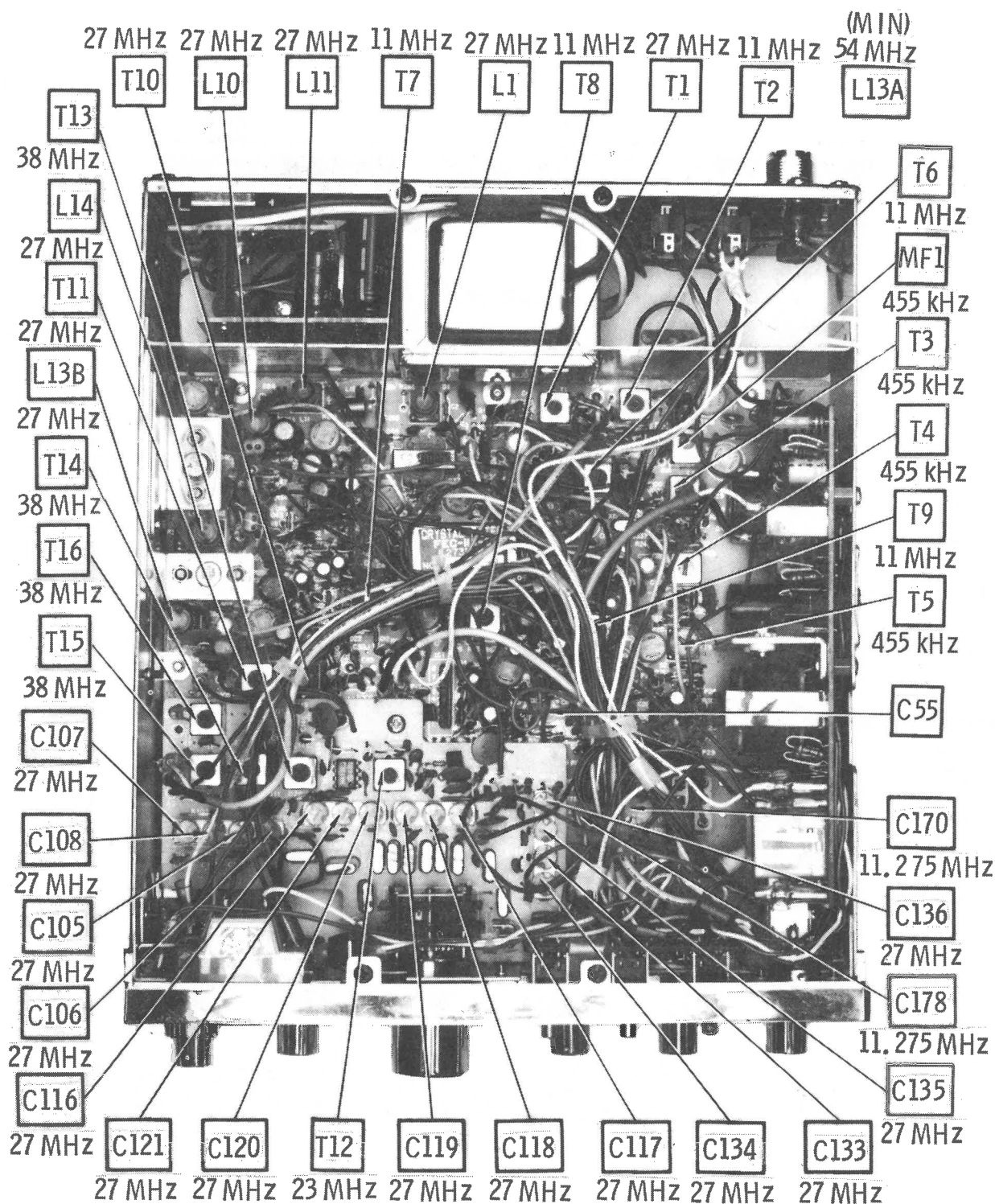
TRANSMITTER ADJUSTMENTS

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.

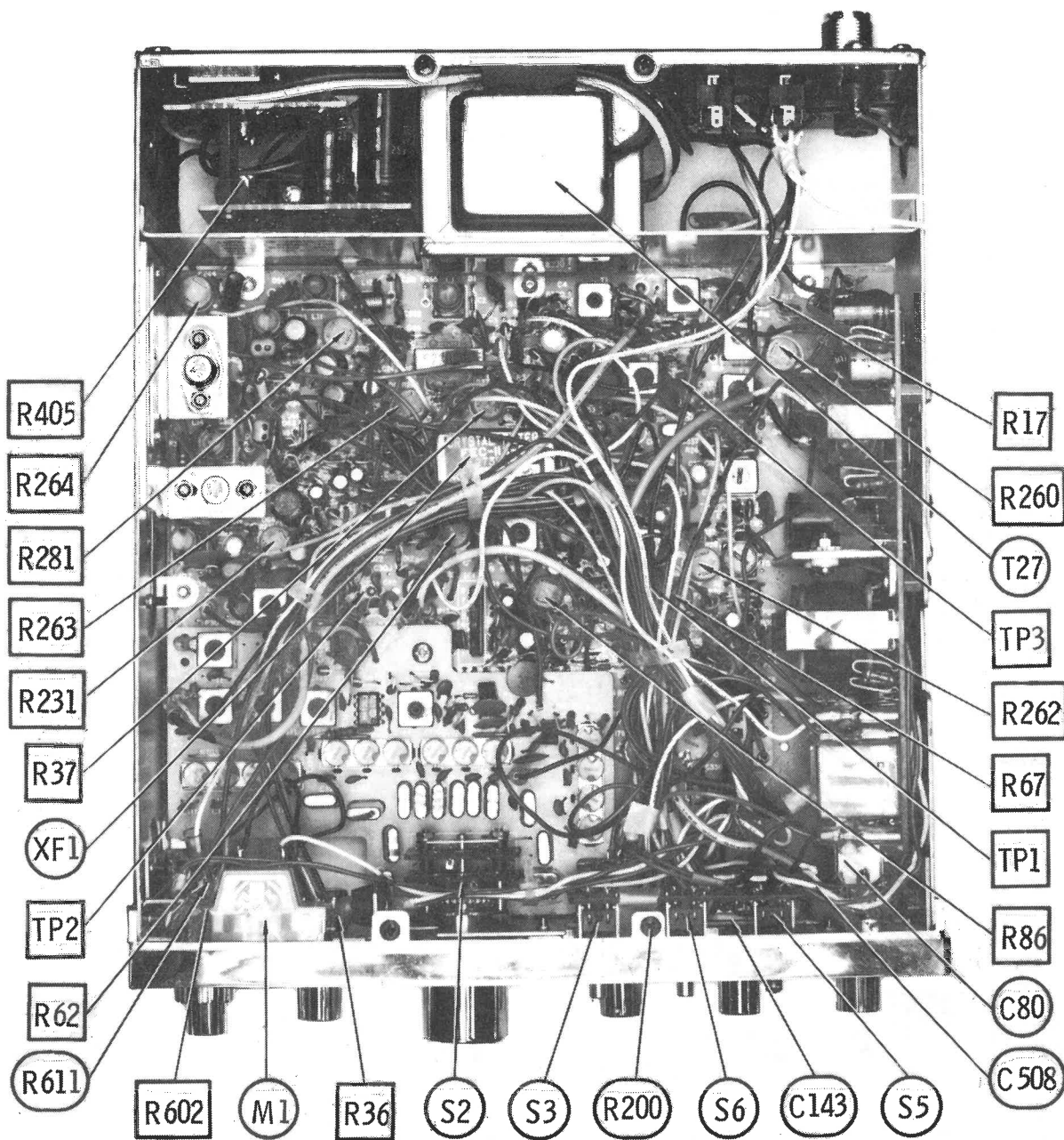
NOTE: Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.

See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of DC meter to P.	Ch. 13, AM	R405	VOLT REG Adjust R405 for 13.8 volts. Voltage should not vary when keying transmitter.
Inject a 1000Hz, 1m Volt signal at Mic input.	Ch. 13, USB	R86	SSB MIC GAIN Adjust R86 for 1.5 watts.
Inject a 1000Hz, 15m Volt signal at Mic input.	Ch. 13, USB	R281	ALC Adjust R281 for 6 watts.
	Ch. 13, AM	R264	RF METER Adjust R264 so that RF Panel meter agrees with RF wattmeter.

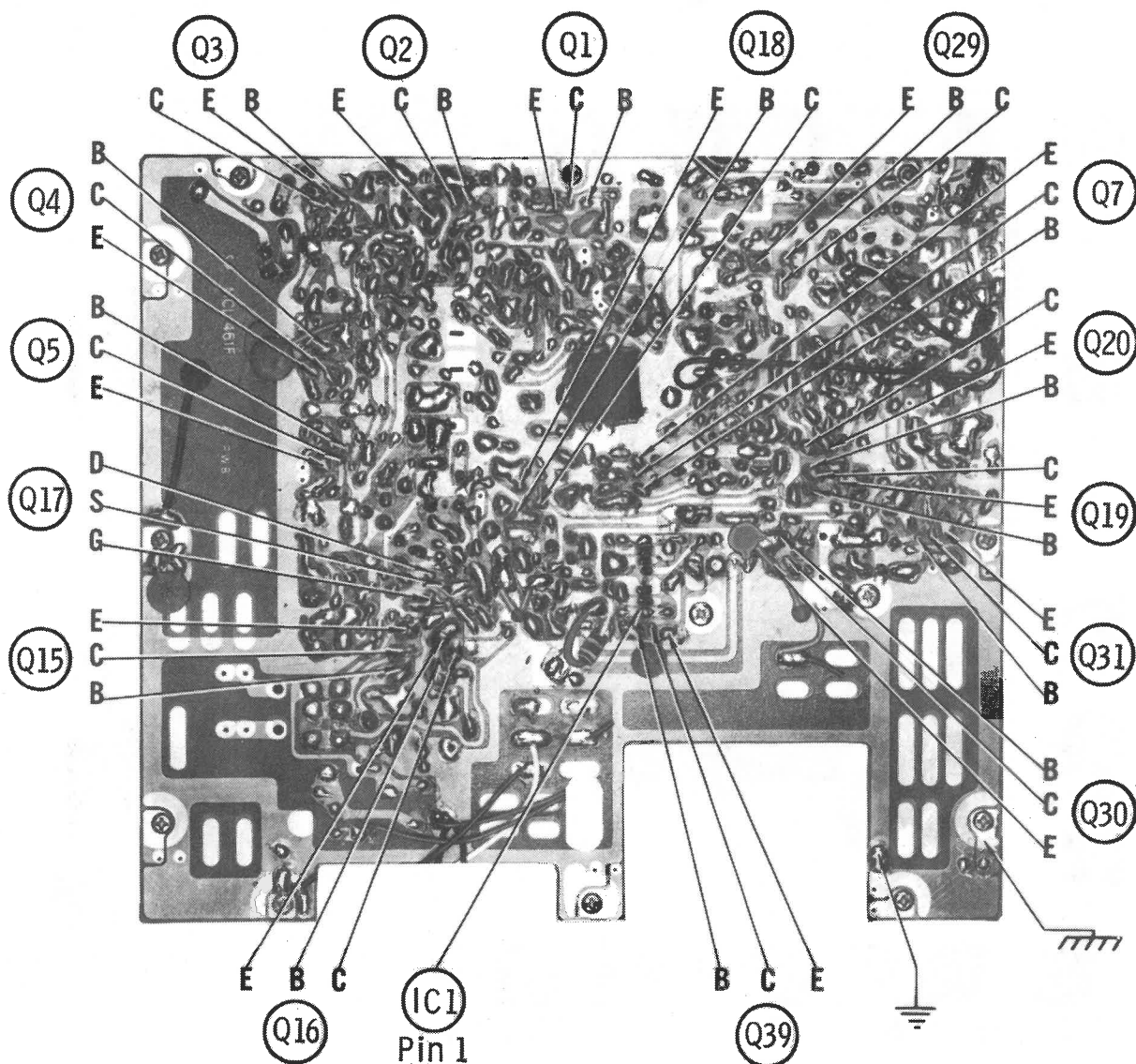


CHASSIS - BOTTOM

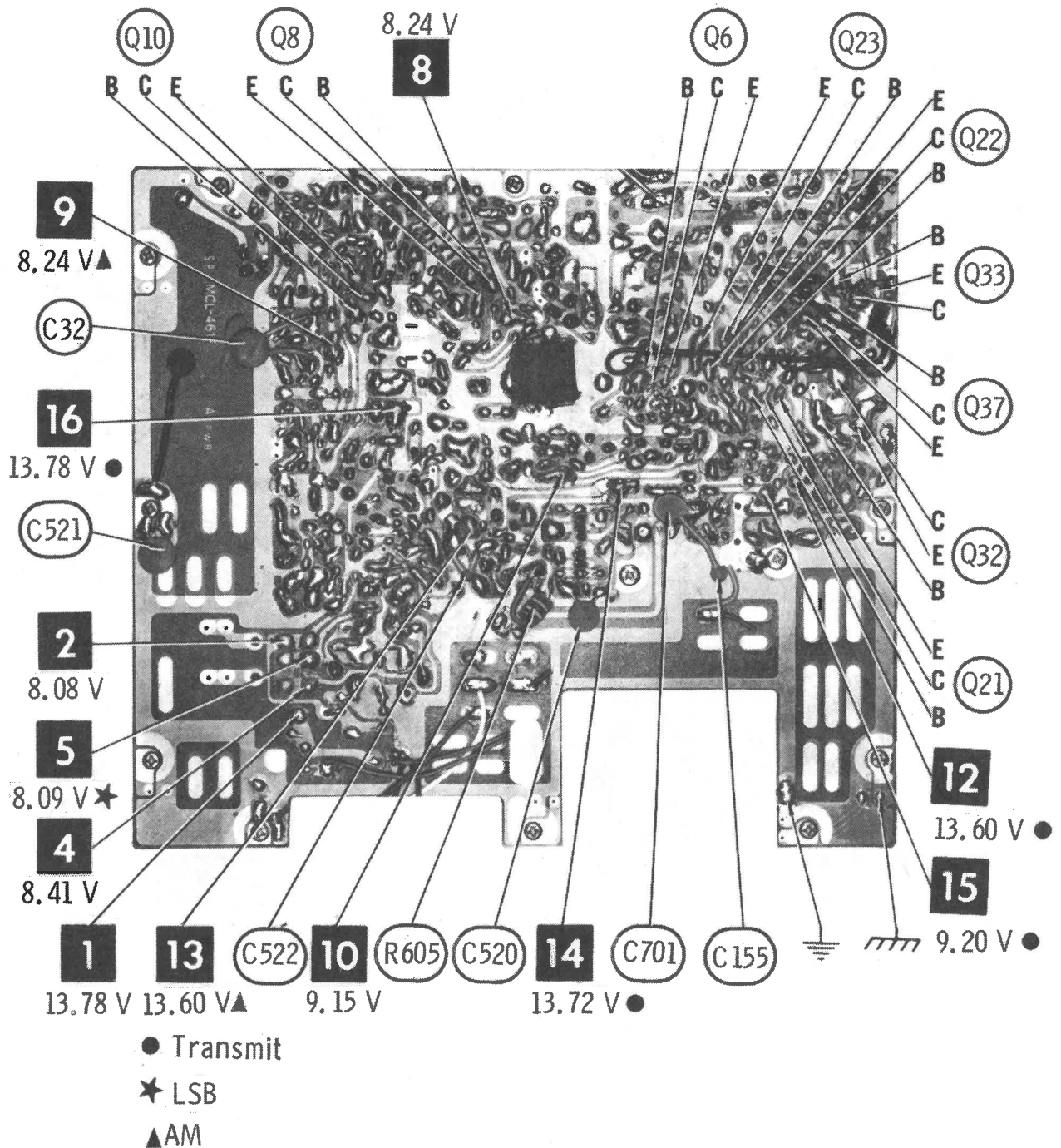


CHASSIS - BOTTOM

SEARS MODELS 934, 36771500/36772600

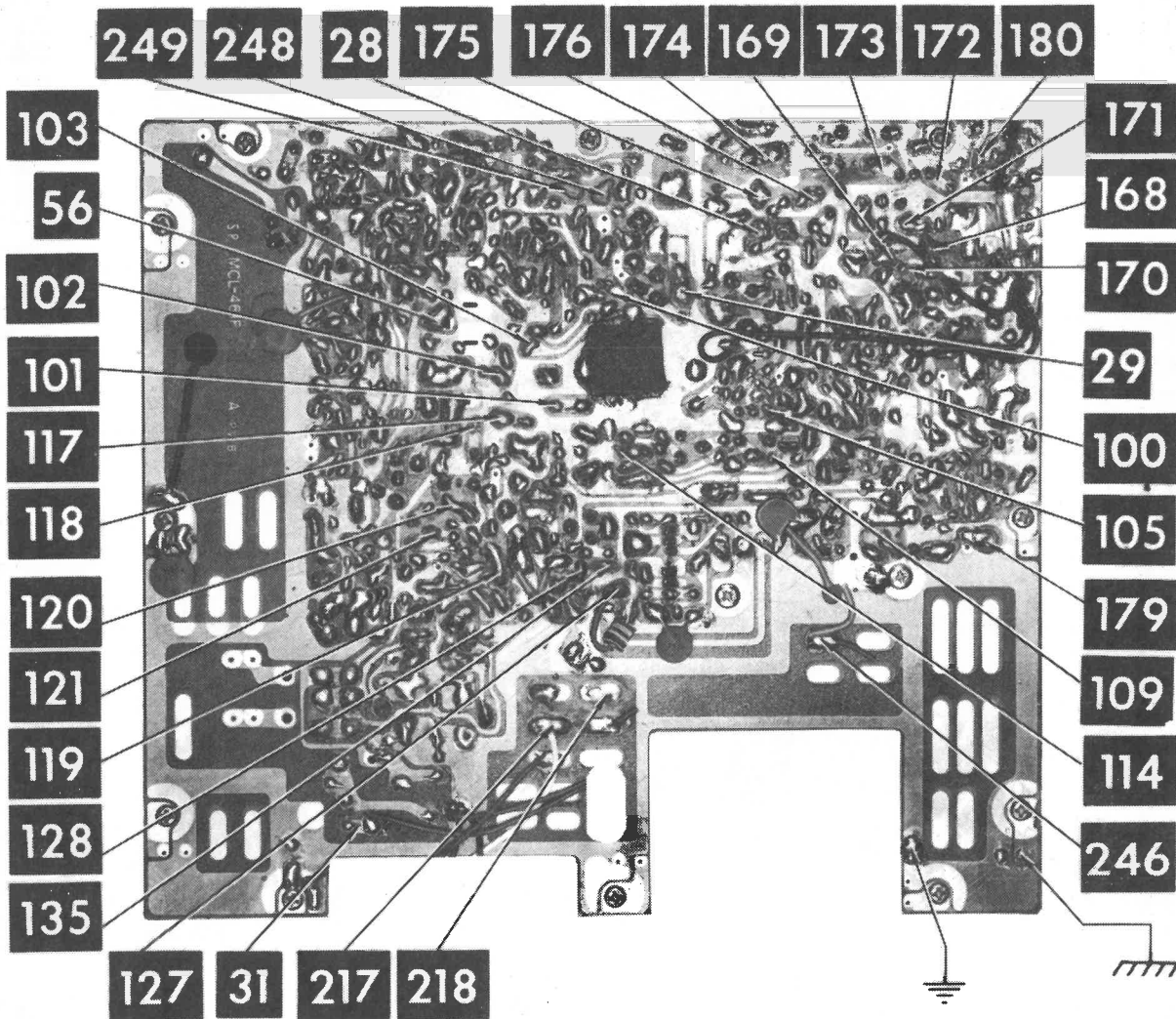


MAIN BOARD

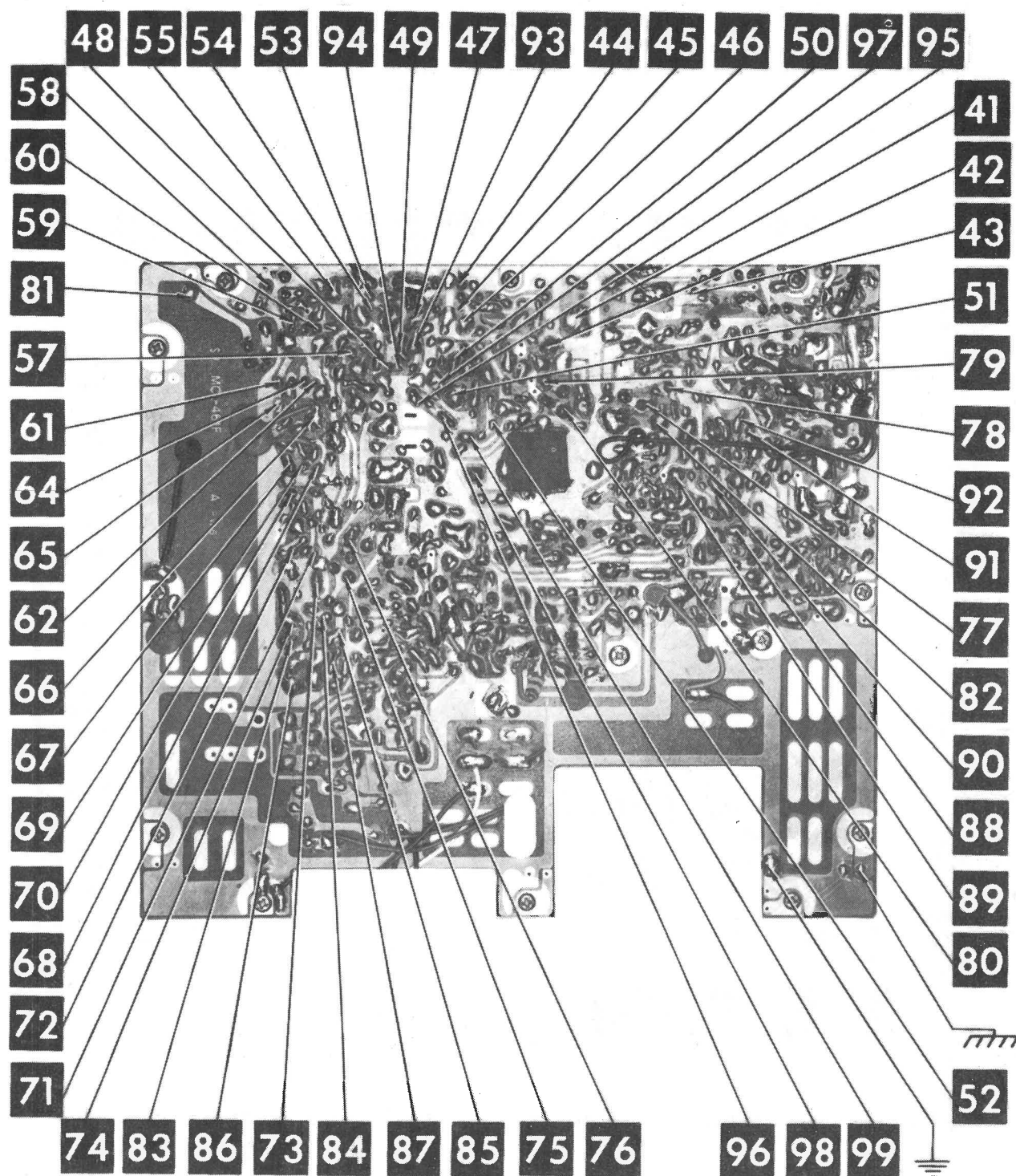


MAIN BOARD

SEARS MODELS 934, 3677 1500, 36772600

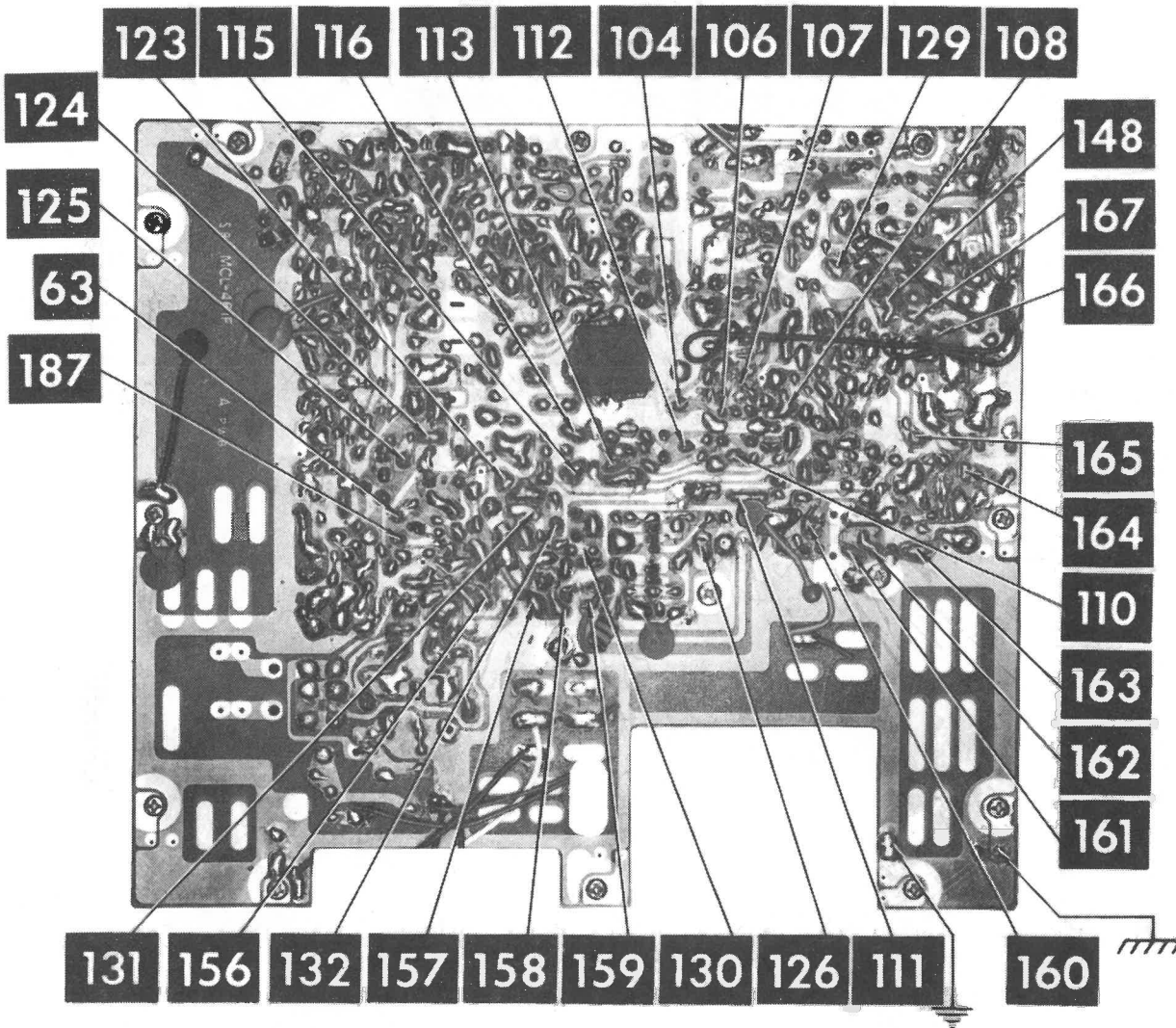


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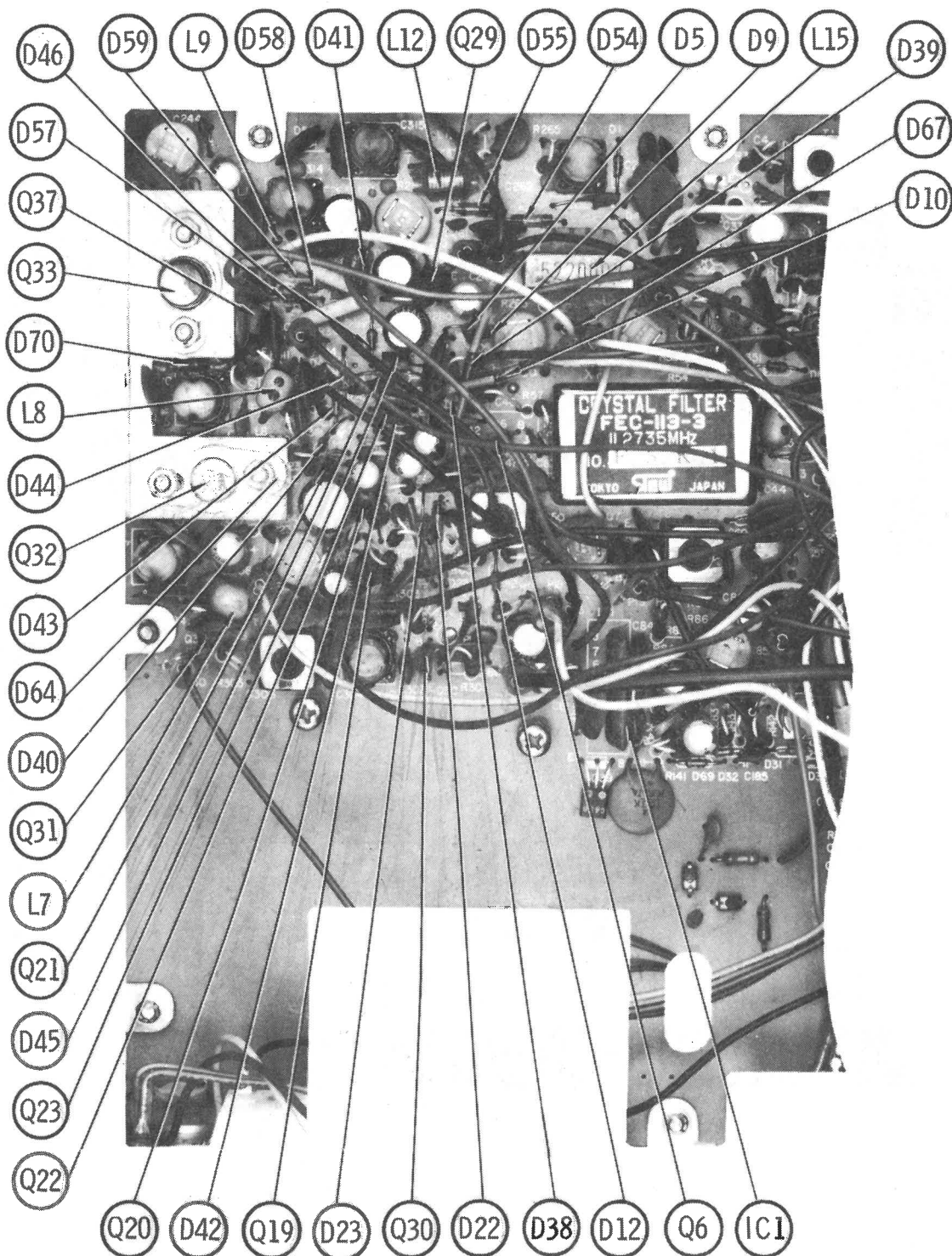


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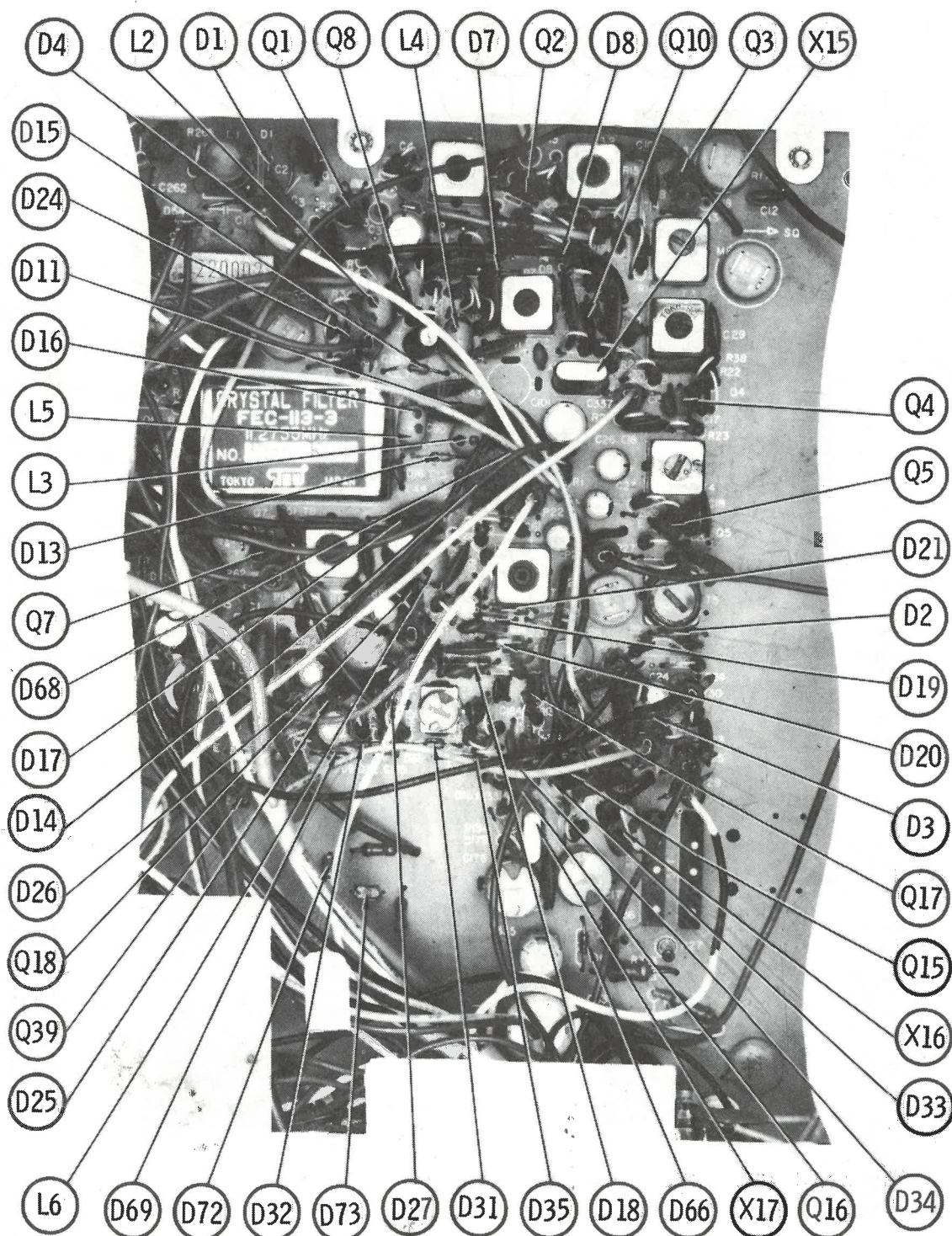
SEARS MODELS 934,36771500/.36772600



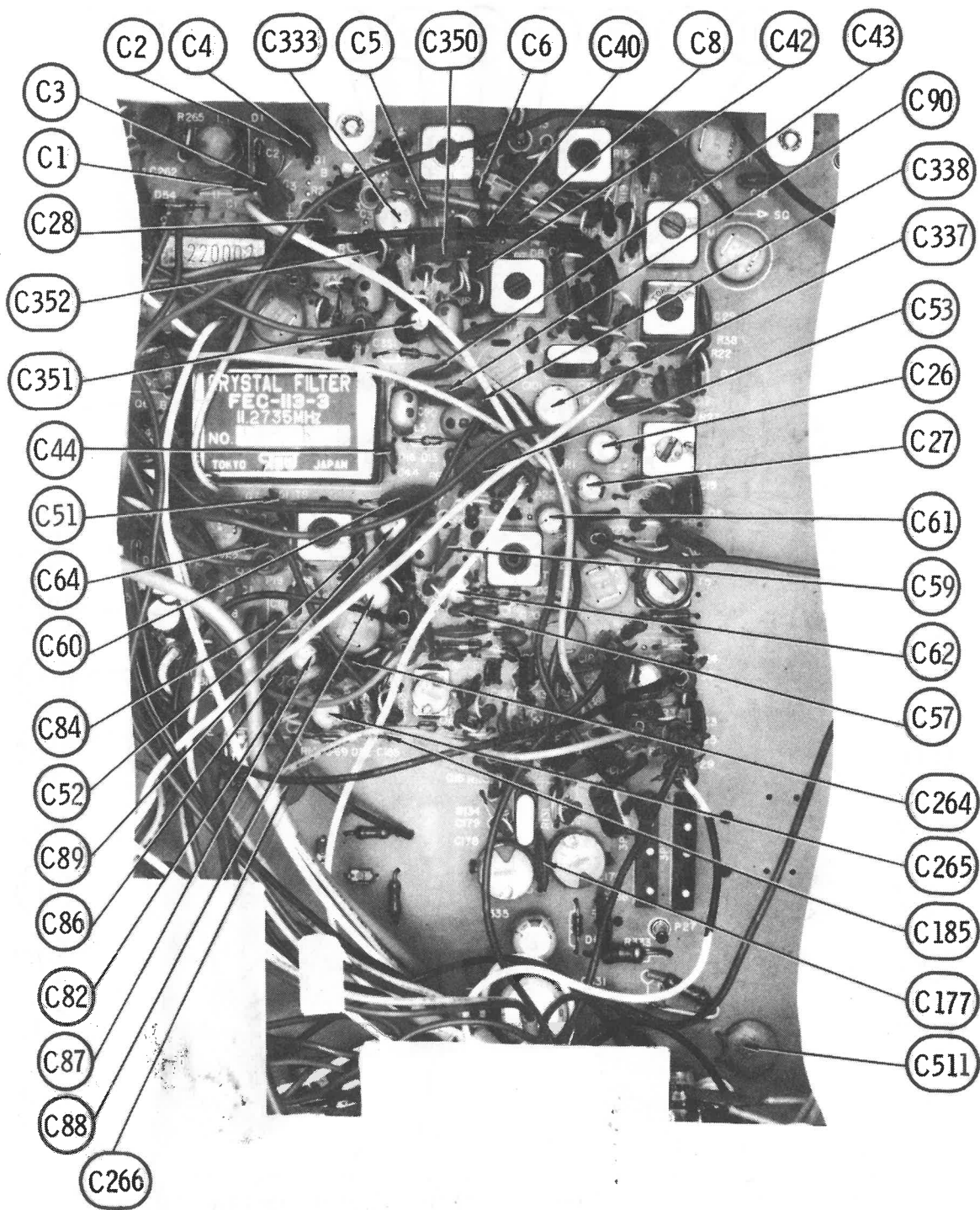
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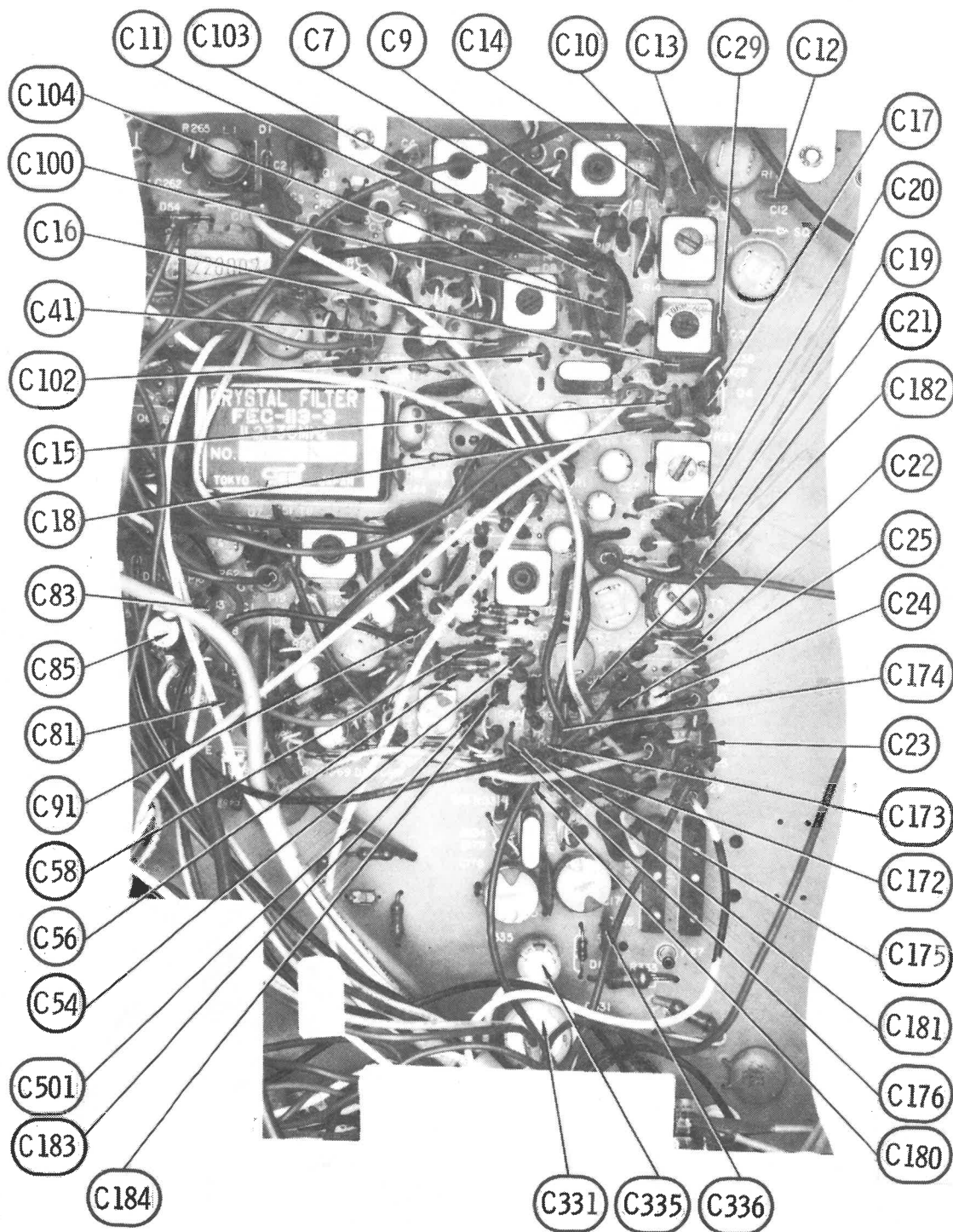
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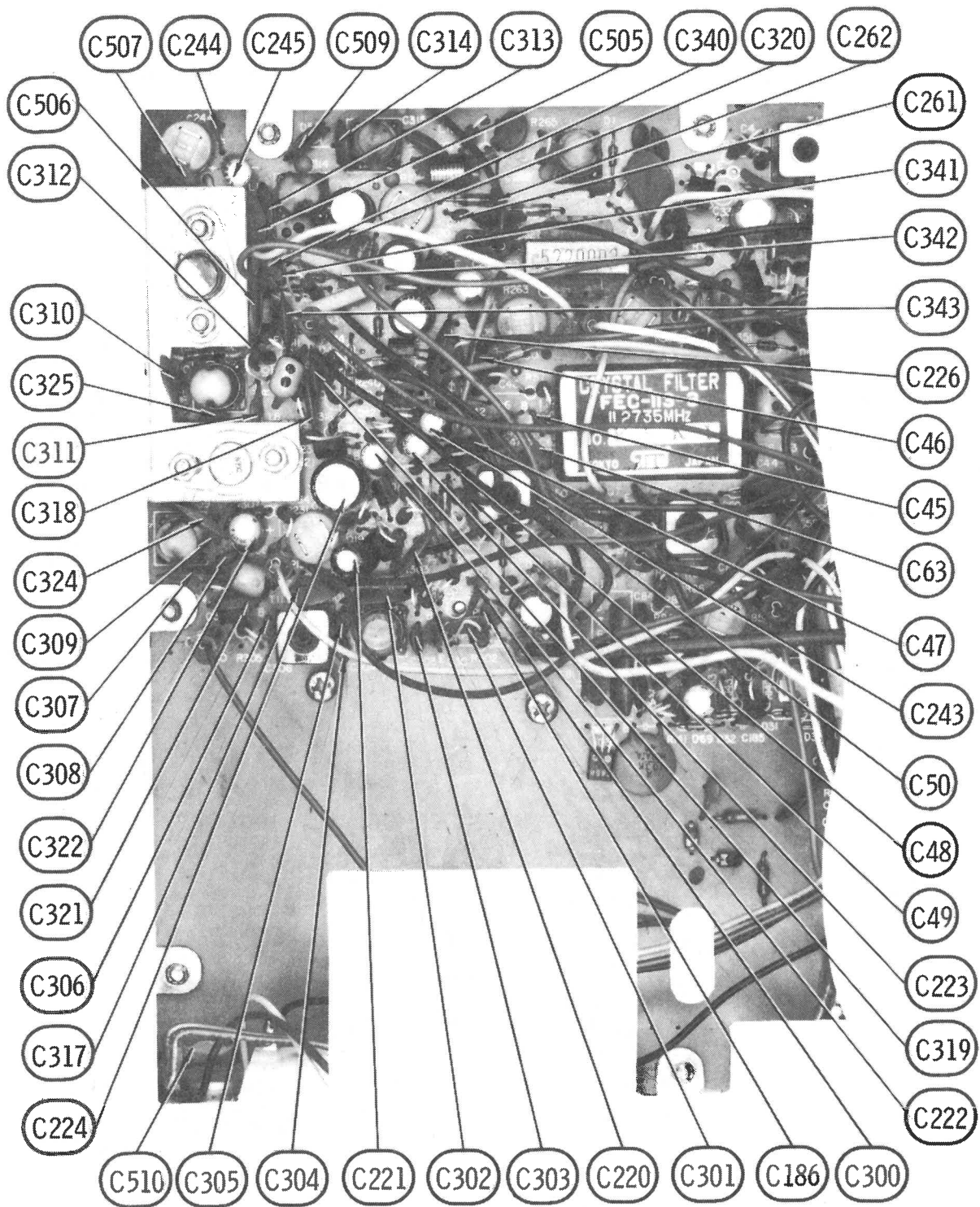
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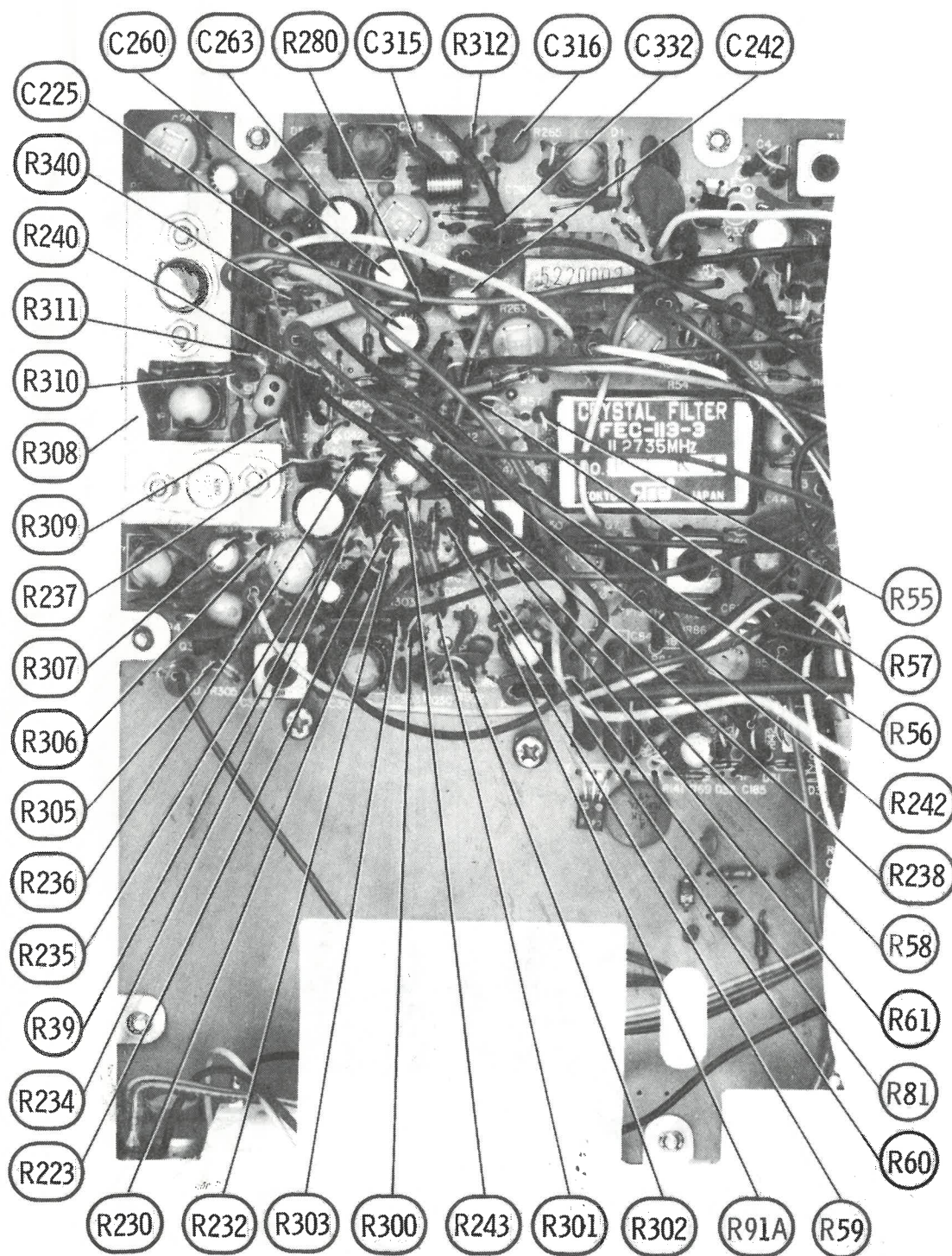
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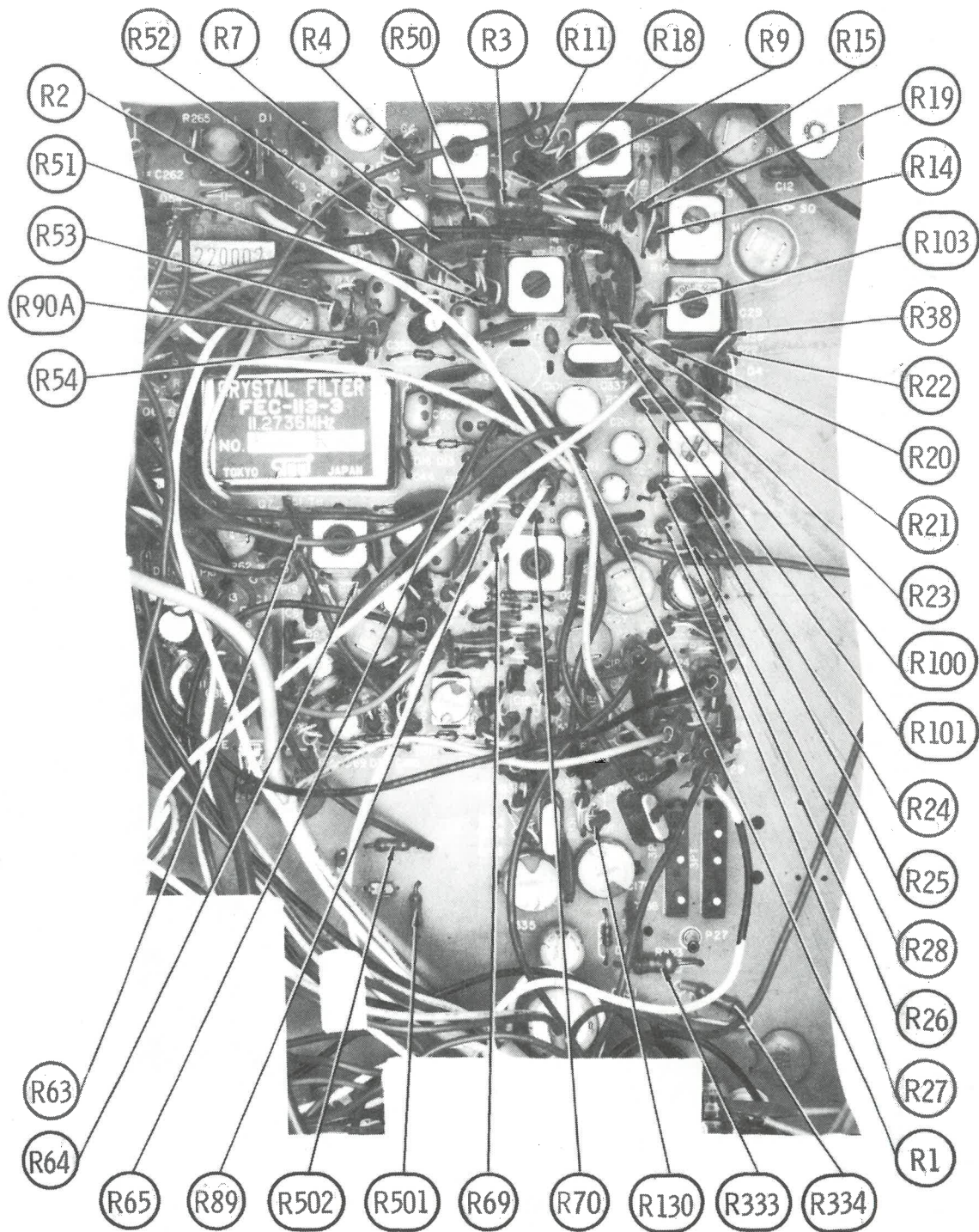
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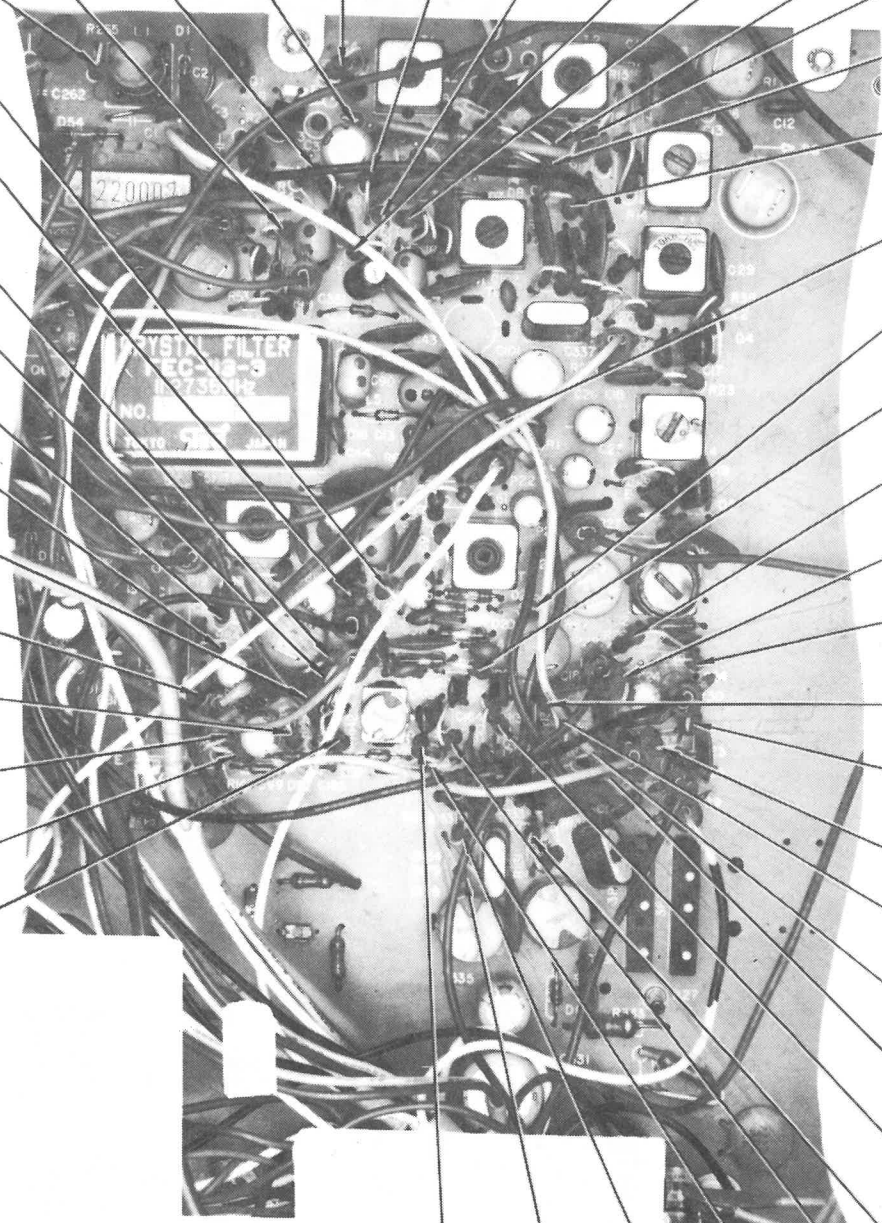
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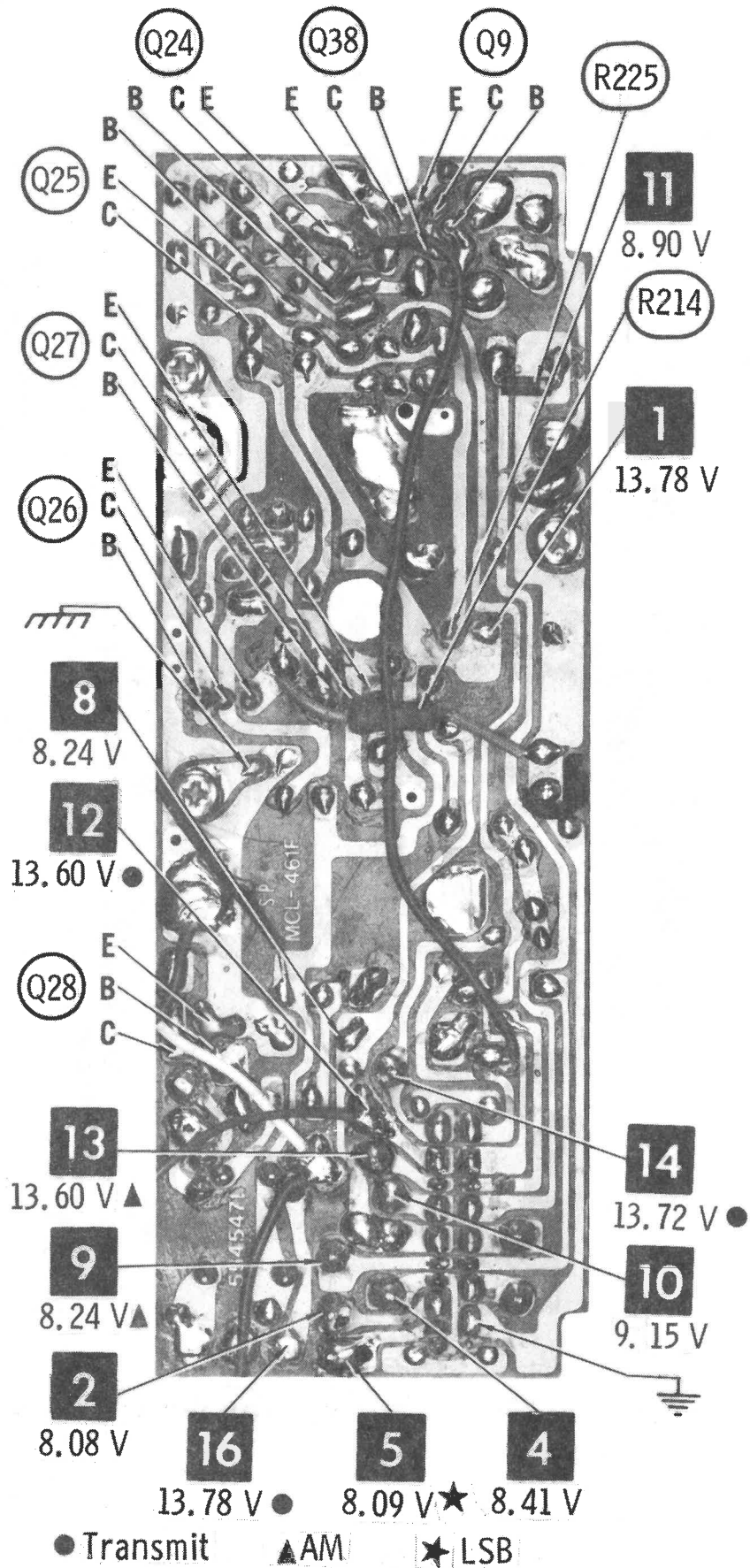
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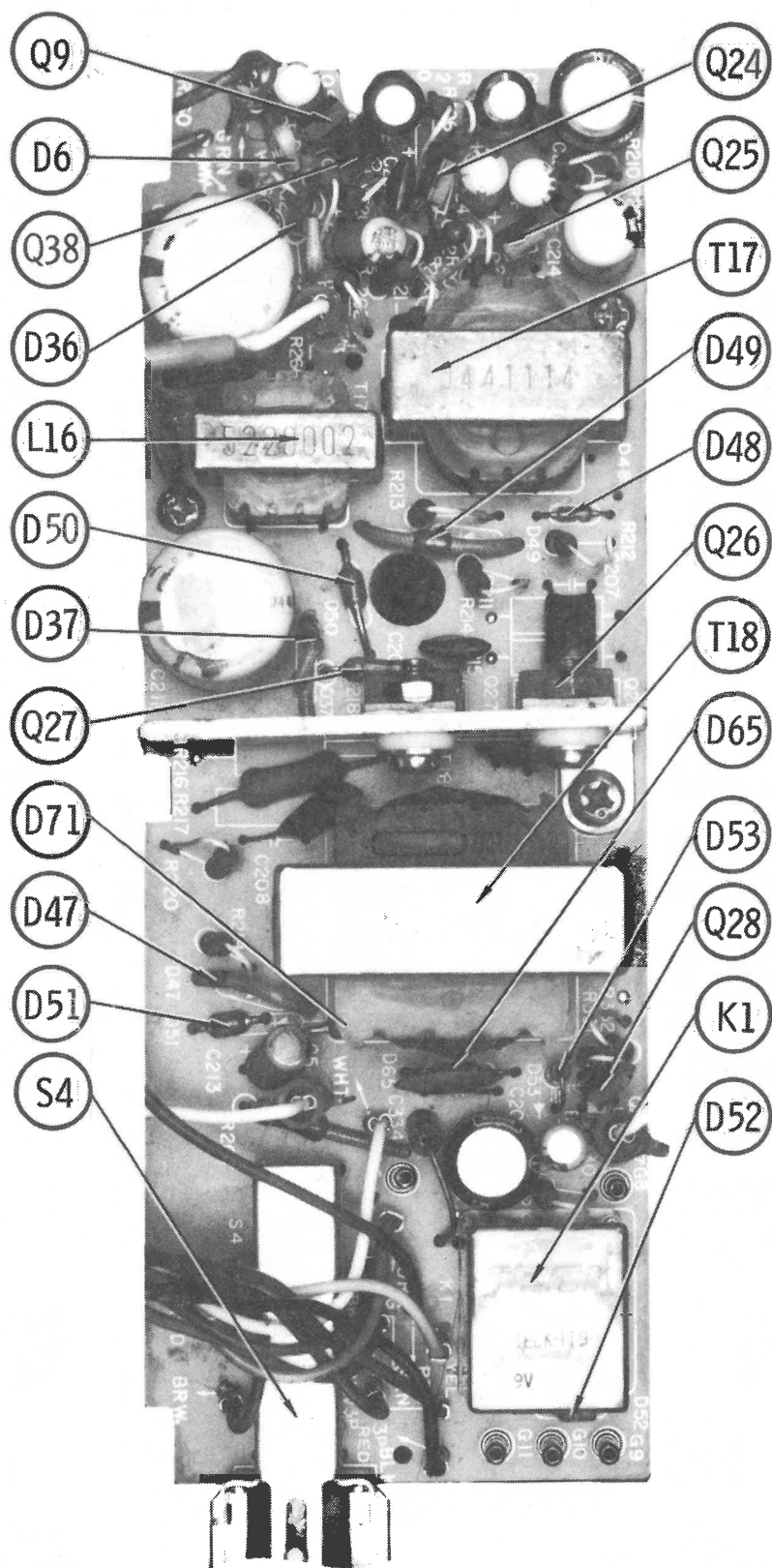
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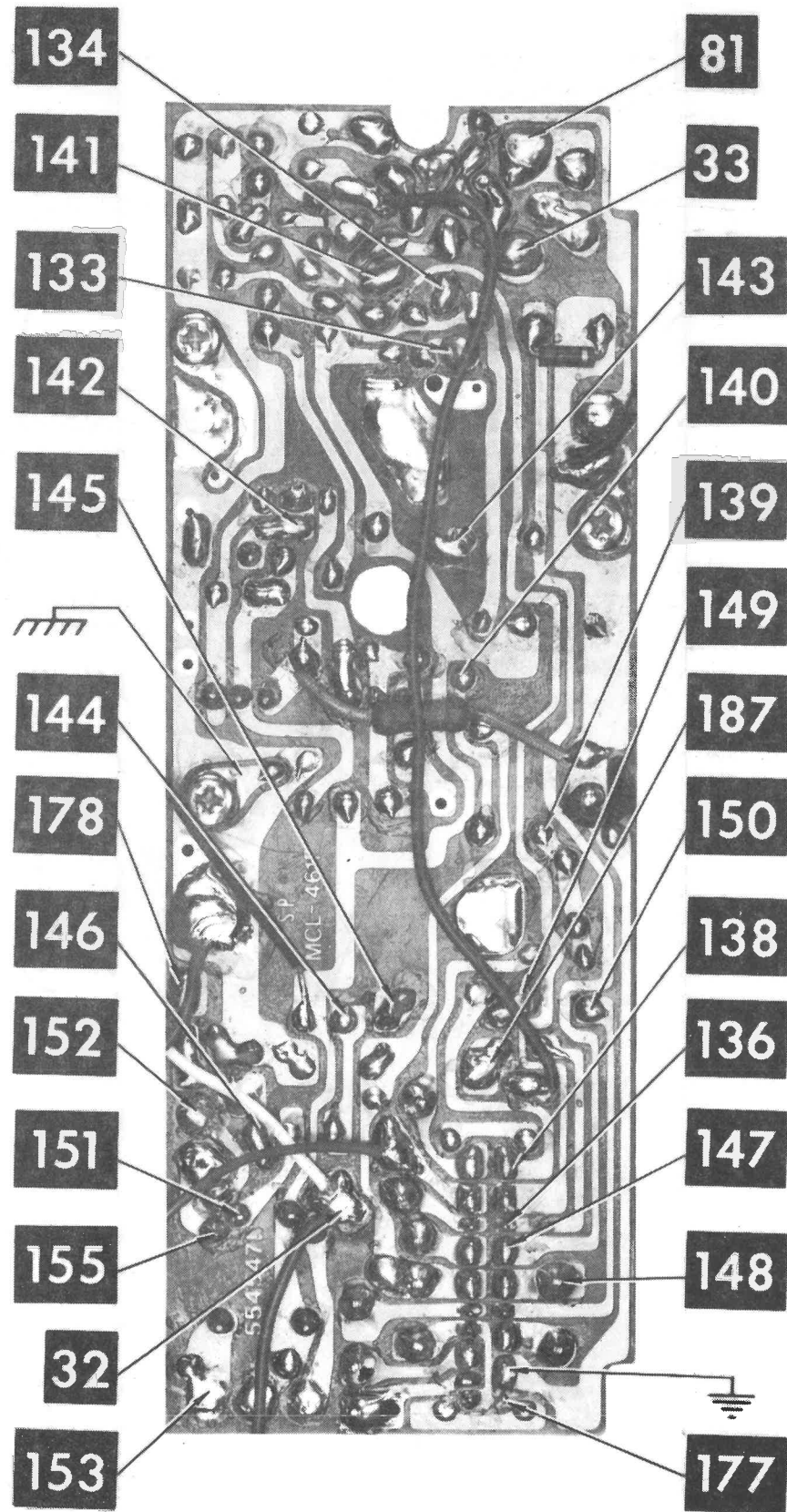
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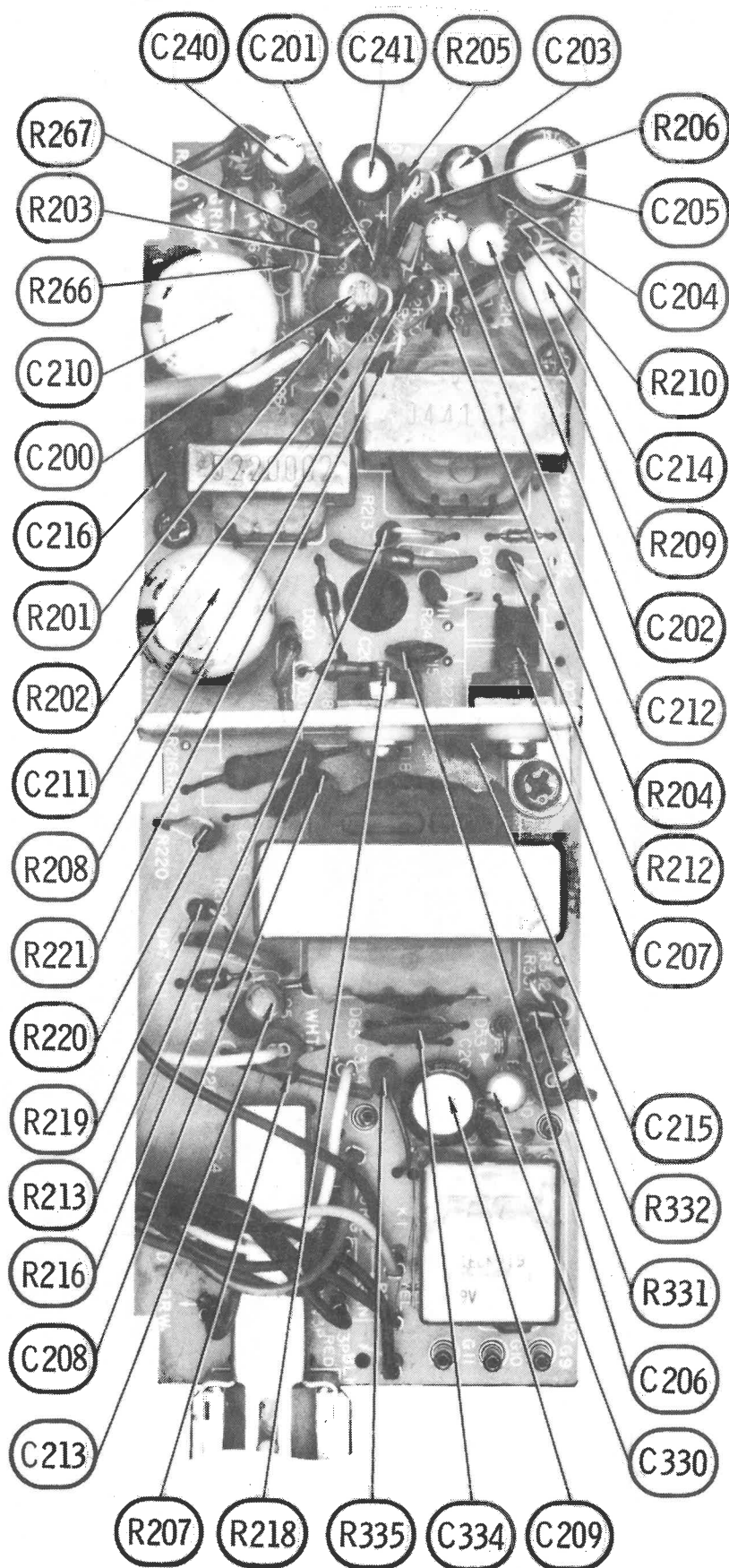
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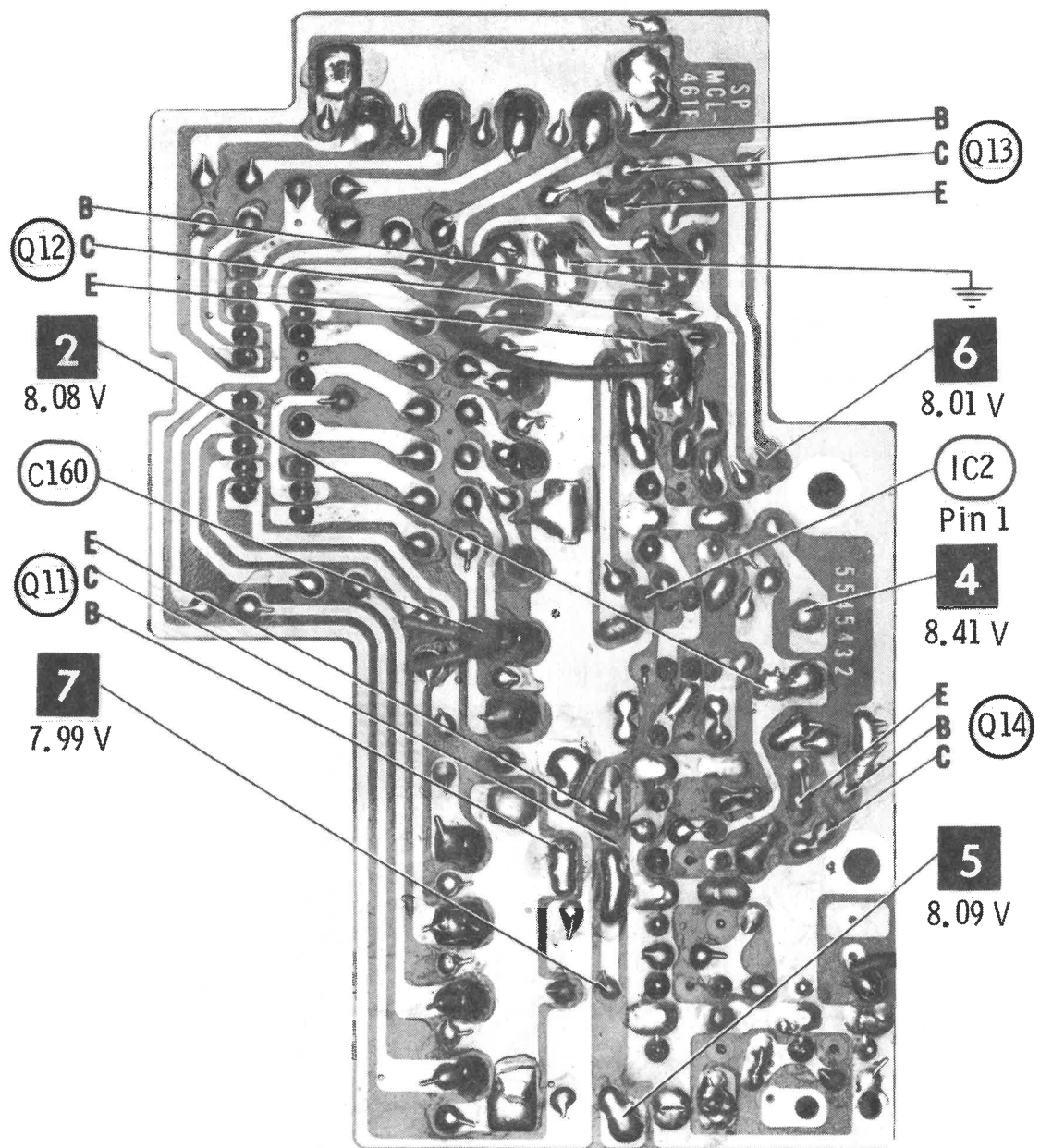
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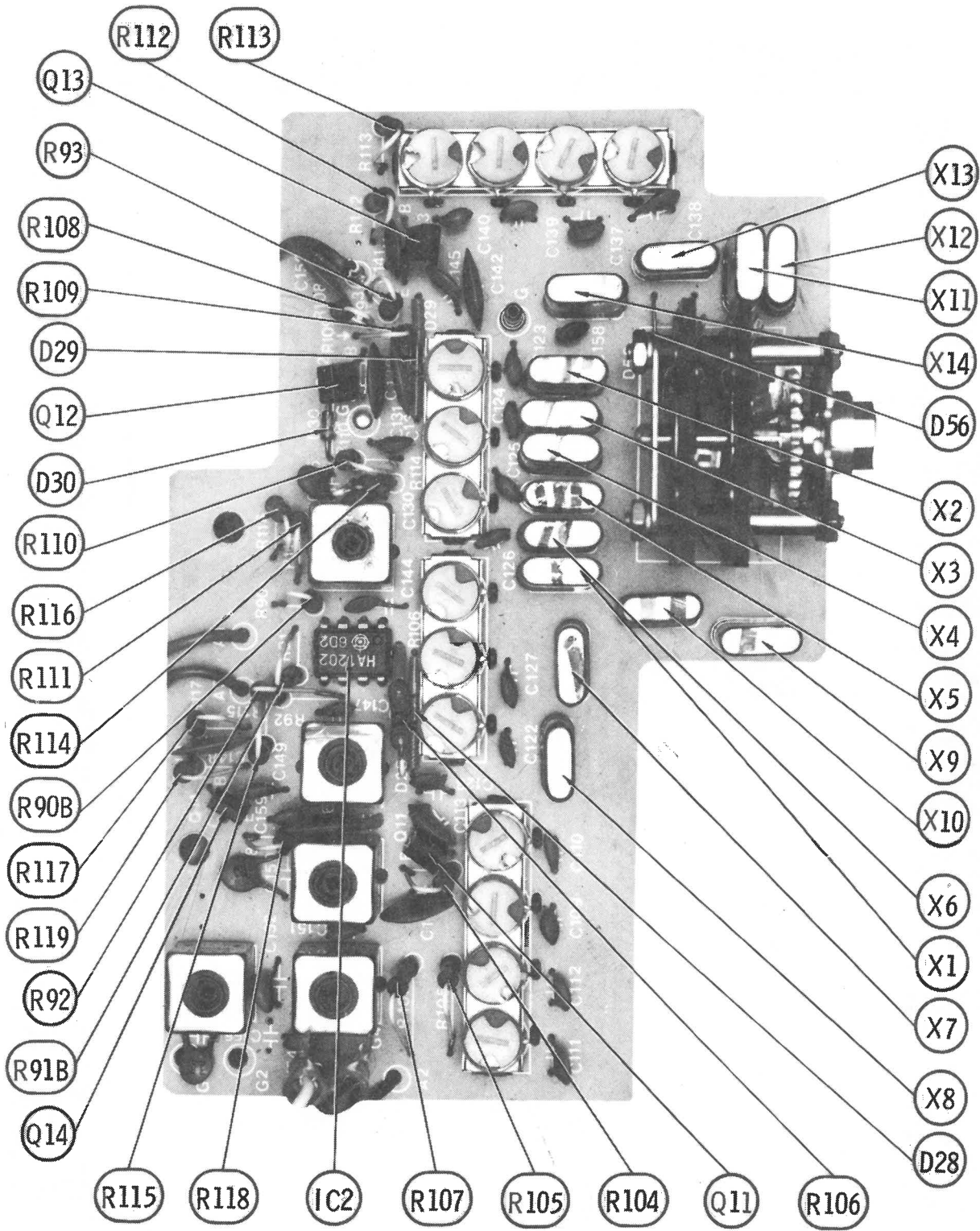
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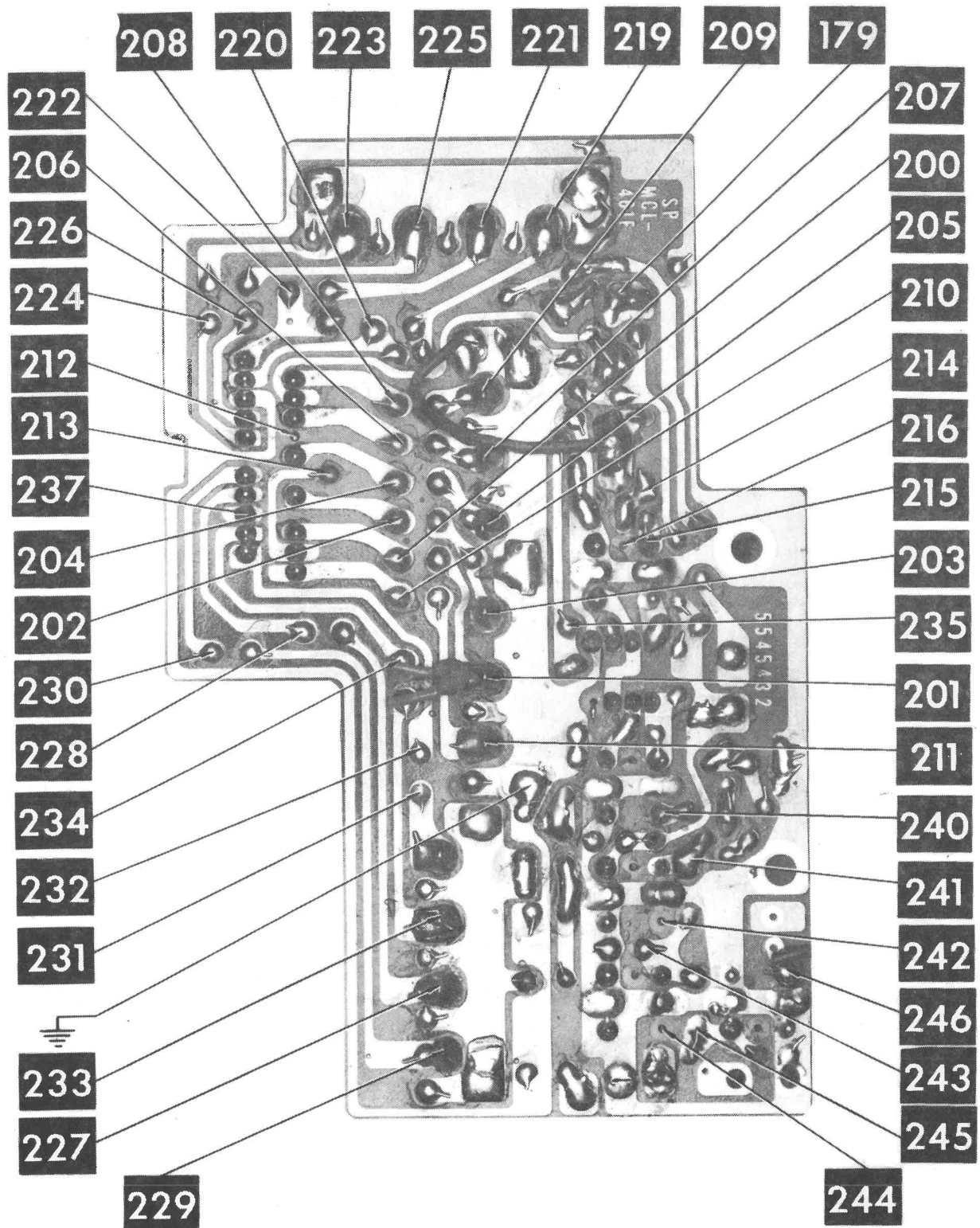
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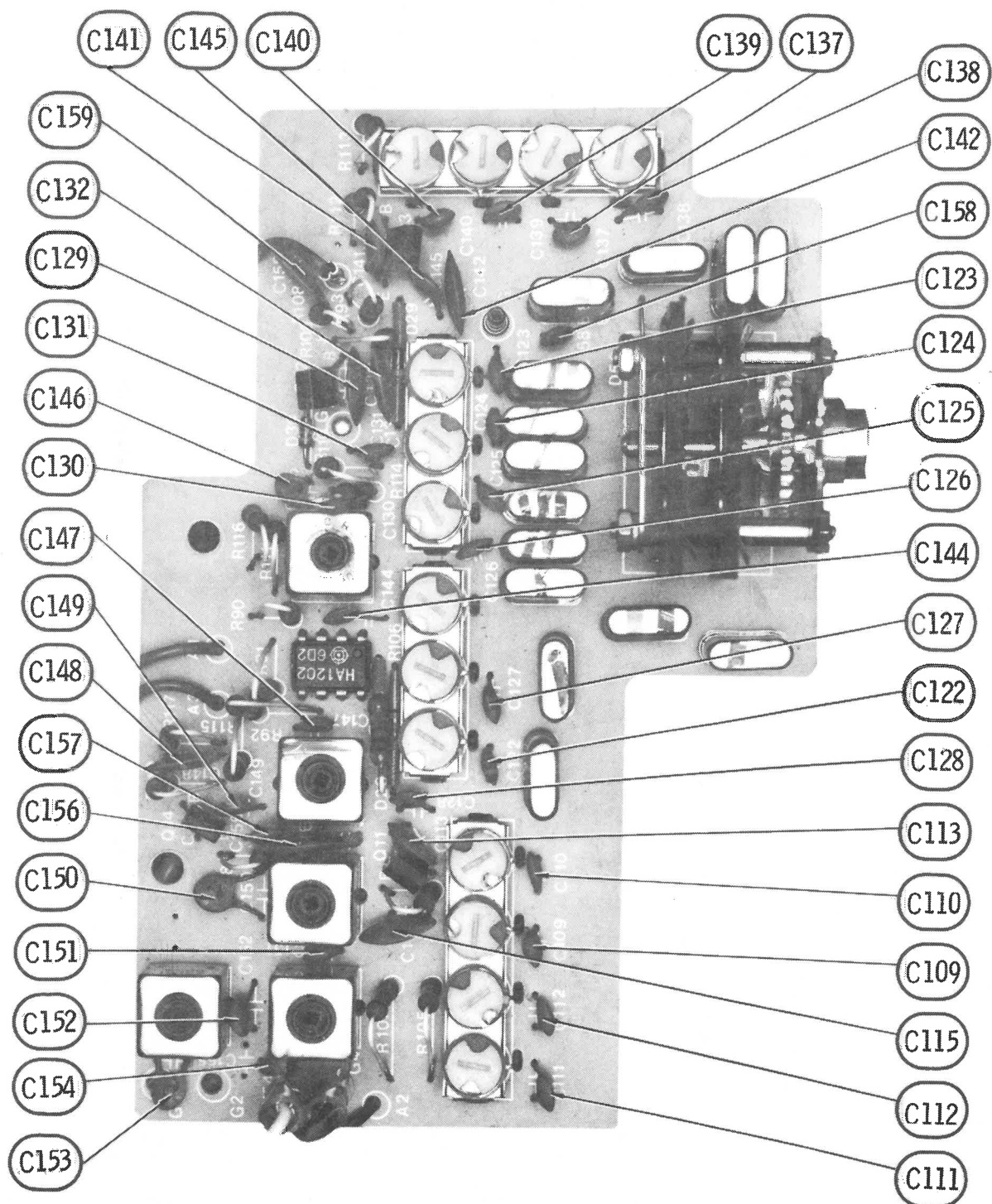
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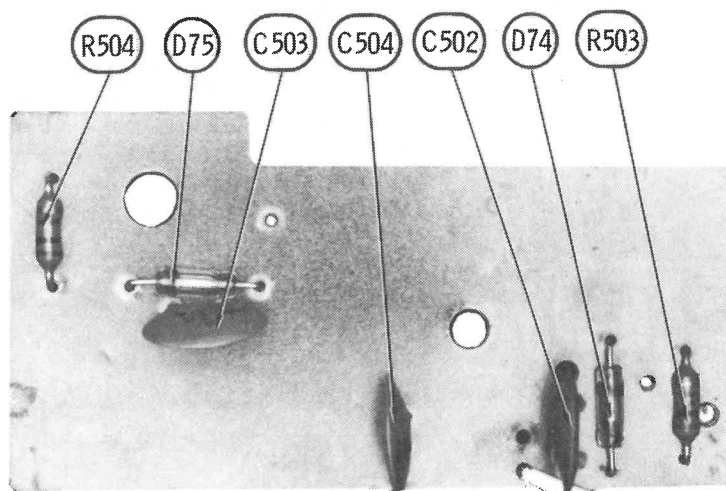
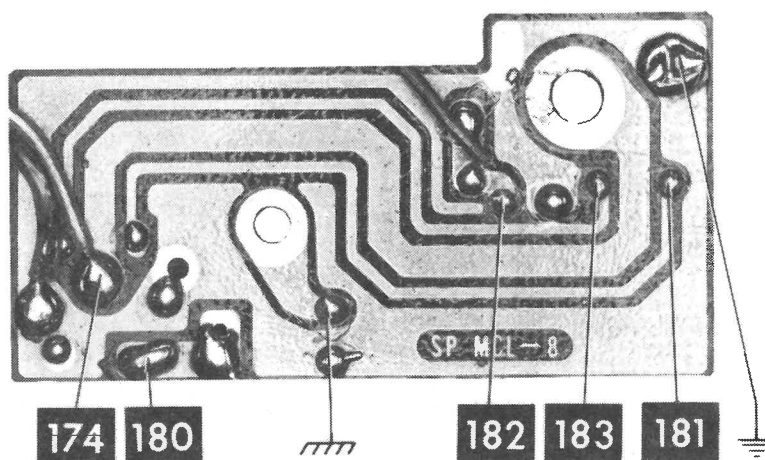
SYNTH BOARD



SYNTH BOARD

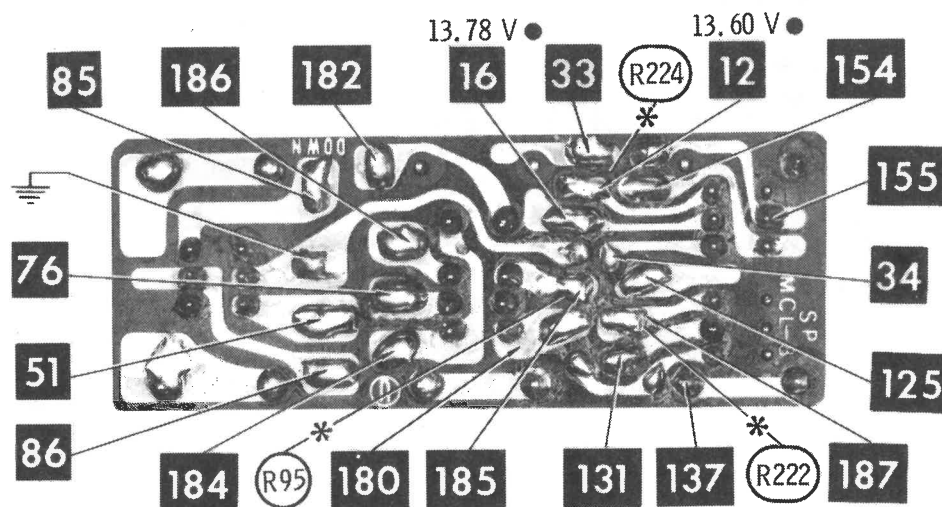


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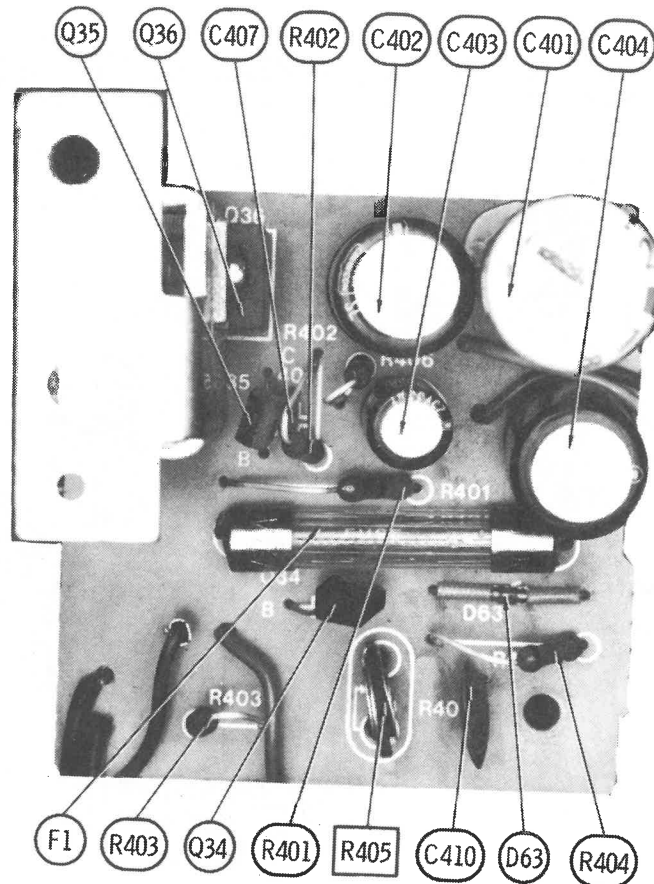
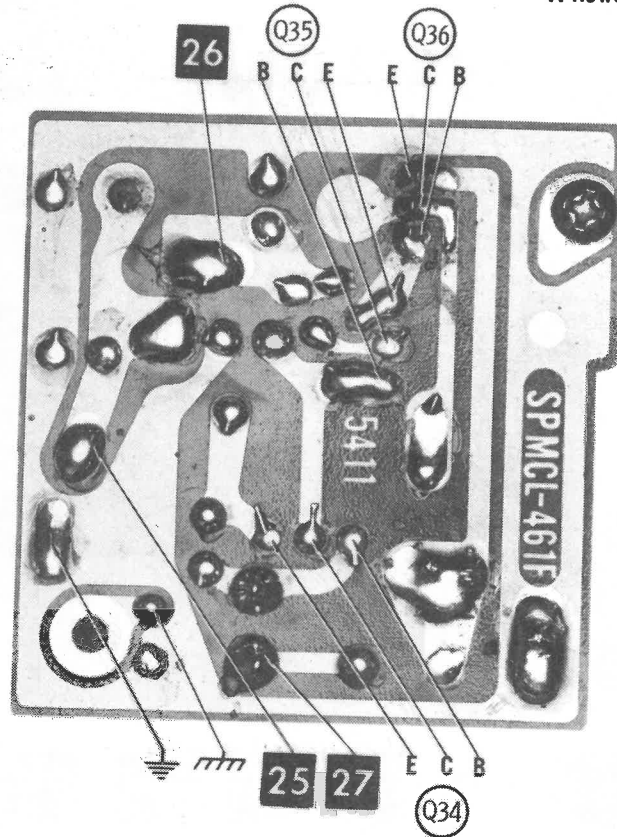
METER BOARD

A Howard W. Sams CIRCUITRACE® Photo



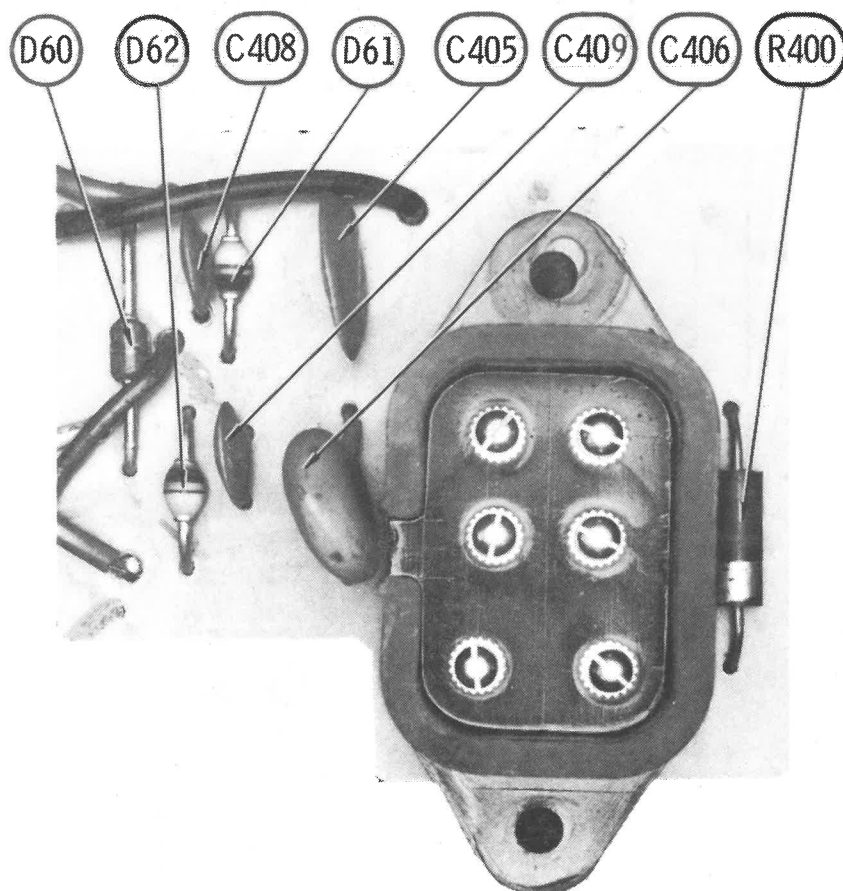
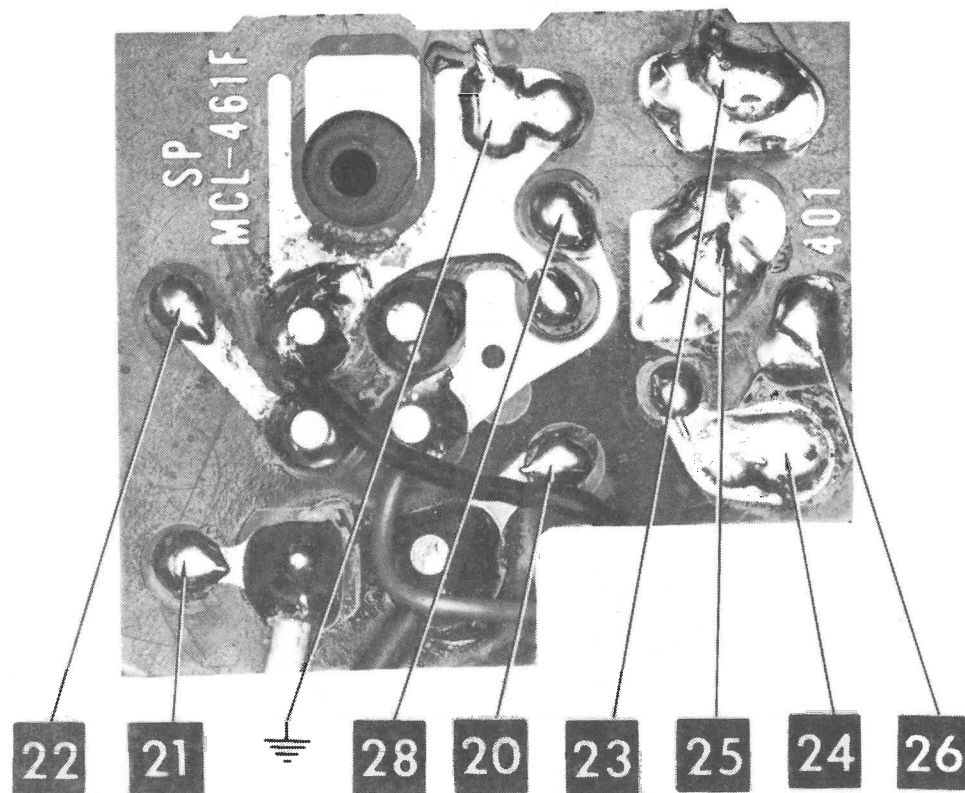
- Transmit
- * Located on other side of board.

SWITCH BOARD

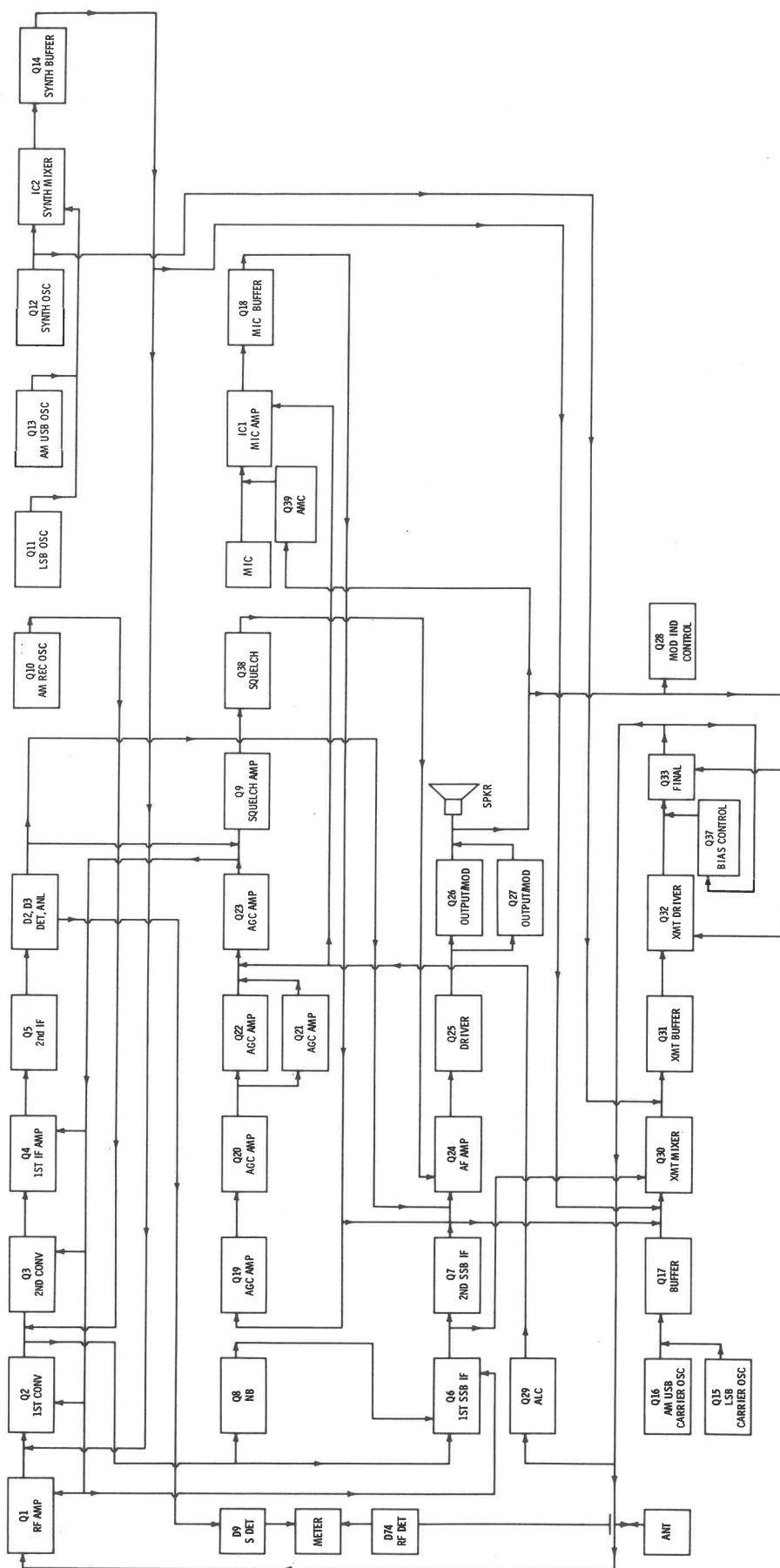


VOLTAGE REGULATOR BOARD

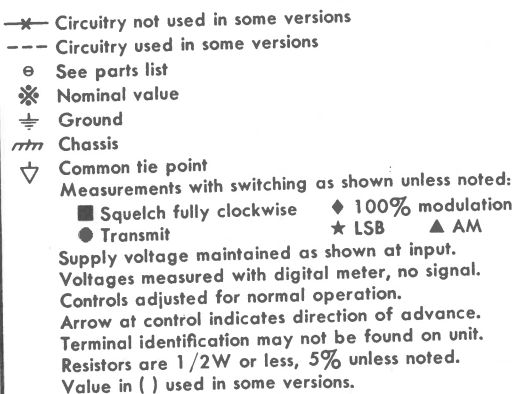
SEARS MODELS 934, 3677 1500/.36772600



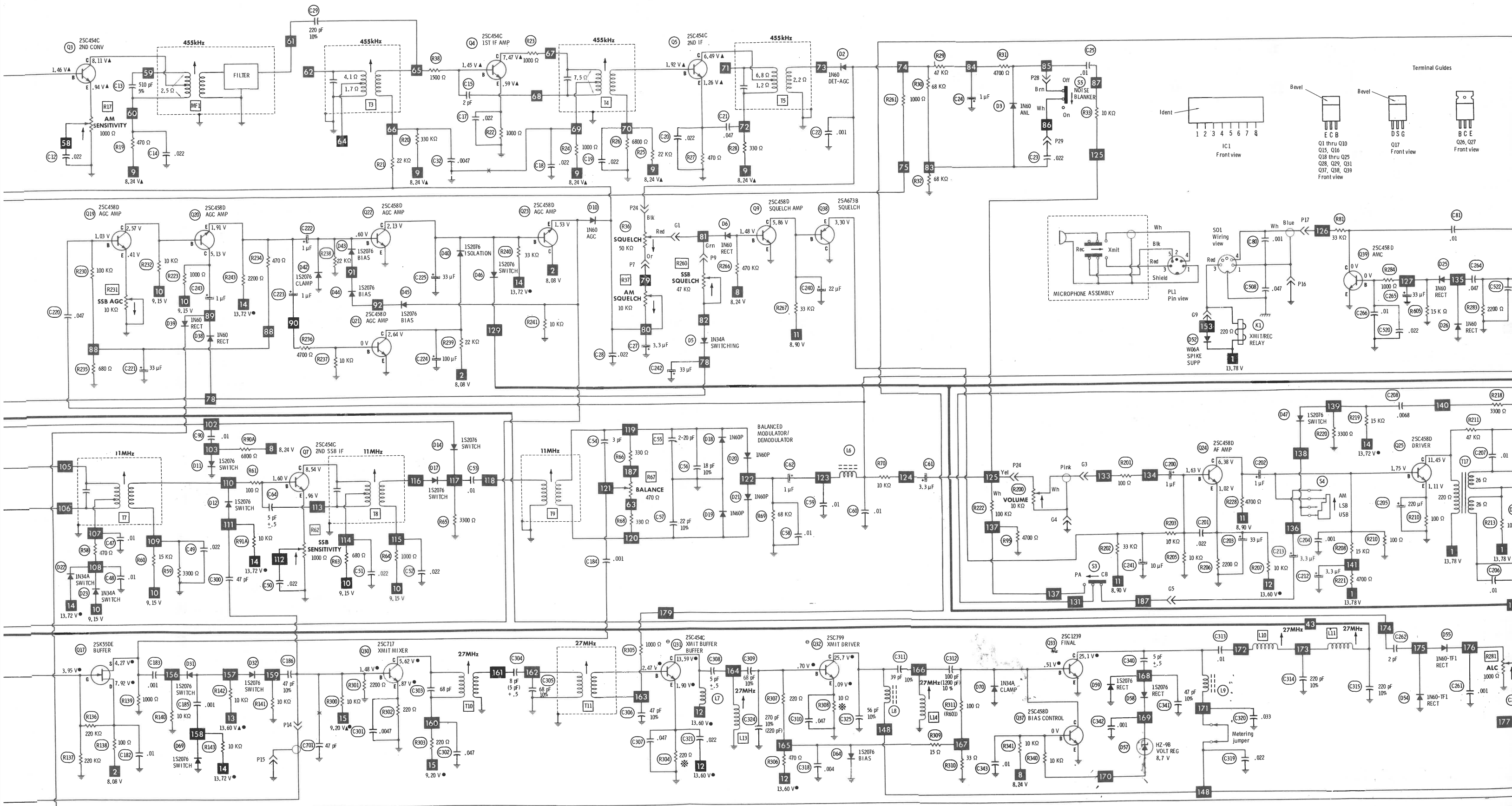
POWER SUPPLY BOARD

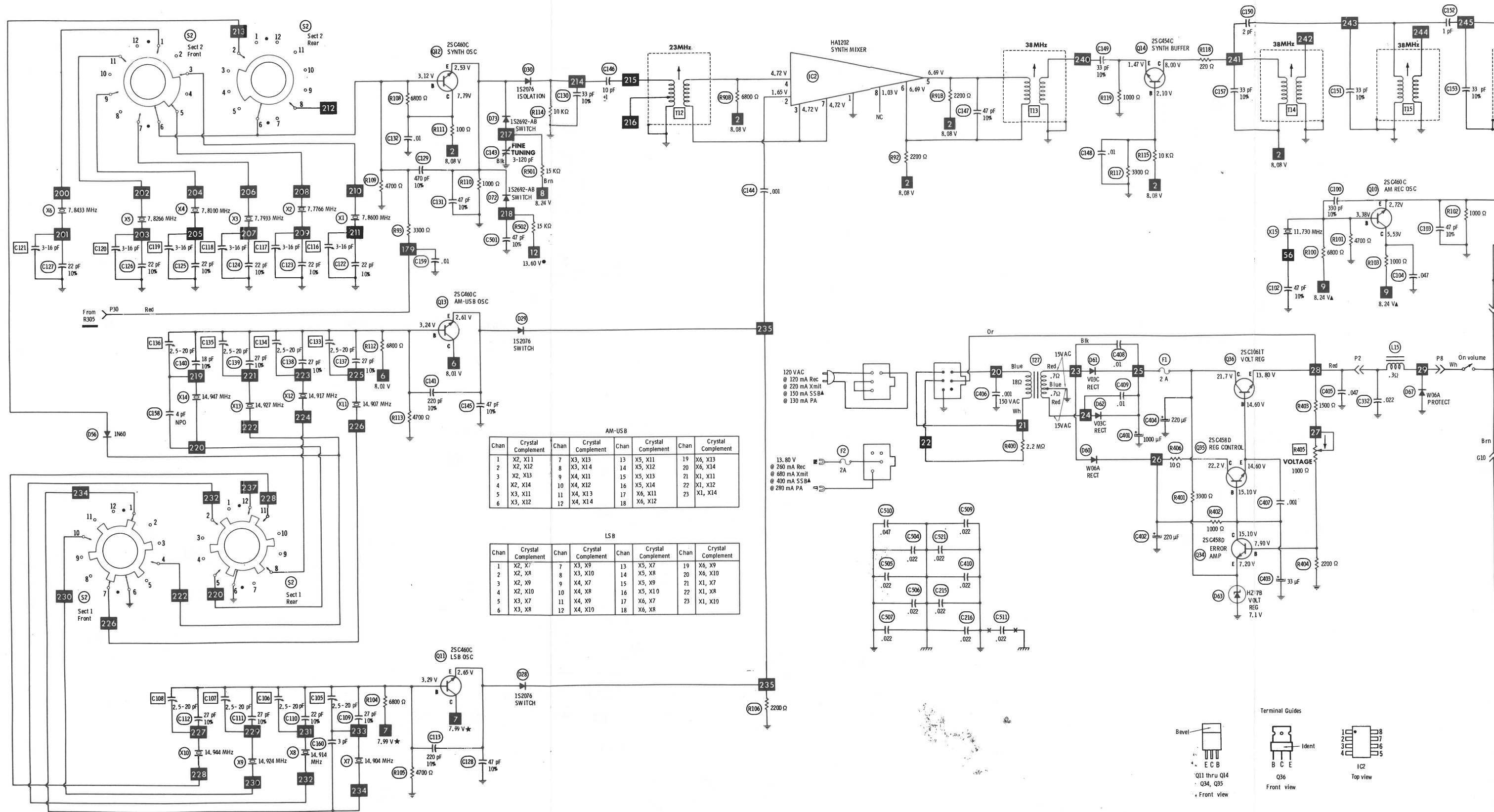


SEARS MODELS 934.3677 1500/.36772600



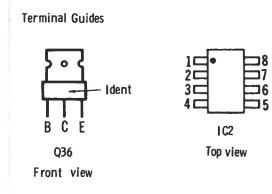
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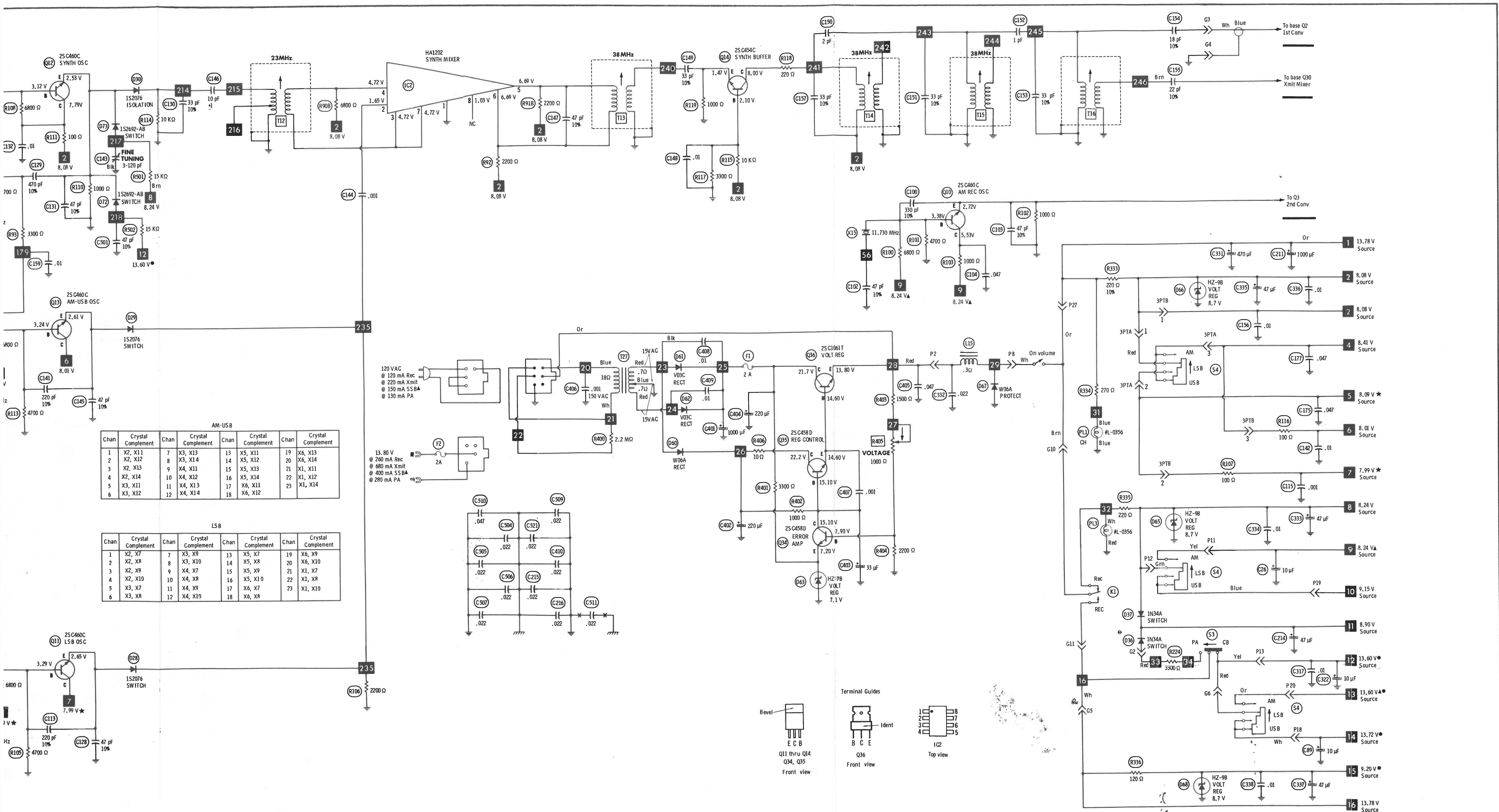




Measurements with switching as shown unless noted: — Circuitry not used in some versions
 ■ Squelch fully clockwise ♦ 100% modulation --- Circuitry used in some versions
 ● Transmit ★ LSB ▲ AM
 A PHOTOFAC STANDARD NOTATION SCHEMATIC WITH CIRCUITRAE
 © Howard W. Sams & Co., Inc. 1977

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





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.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D1	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D2	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D3	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D4	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D5	1N34A	0575001	1N34AS	1N34A	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109
D6	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D7	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D8	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D9	1N34A	0575001	1N34AS	1N34A	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109
D10	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D11	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D12	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D13	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D14	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D15	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D16	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D17	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D18	1N60P	0575019	1N60	1N60	PTC206	HEPR9135	RE 86	SK3088	RT-263	ECG110
D19	1N60P	0575019	1N60	1N60	PTC206	HEPR9135	RE 86	SK3088	RT-263	ECG110
D20	1N60P	0575019	1N60	1N60	PTC206	HEPR9135	RE 86	SK3088	RT-263	ECG110
D21	1N60P	0575019	1N60	1N60	PTC206	HEPR9135	RE 86	SK3088	RT-263	ECG110
D22	1N34A	0575001	1N34AS	1N34A	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109
D23	1N34A	0575001	1N34AS	1N34A	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109
D24	1N34A	0575001	1N34AS	1N34A	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109
D25	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D26	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D27	W06A	5330341	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D28	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D29	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D30	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D31	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D32	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D33	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D34	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D35	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D36	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D37	1N34A	0575001	1N34AS	1N34A	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109
D38	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D39	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D40	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D41	1N34A	0575001	1N34AS	1N34A	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109
D42	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D43	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D44	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D45	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D46	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D47	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D48	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D49	W06A	5330341	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D50	W06A	5330341	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D51	W06A	5330341	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D52	W06A	5330341	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D53	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D54	1N60-TF1	5330731	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D55	1N60-TF1	5330731	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D56	1N60	0575005	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D57	HZ-9B	5330322	GEZD-9.1	Z1209	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139
D58	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D59	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D60	W06A	5330341	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D61	V03C	5330001	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D62	V03C	5330001	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D63	HZ-7B	5330312	GEZD-6.8	Z1206	ZB6.8A	HEPZ0409	RE 110	SK3334	RT-238	ECG5071
D64	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D65	HZ-9B	5330322	GEZD-9.1	Z1209	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139
D66	HZ-9B	5330322	GEZD-9.1	Z1209	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139
D67	W06A	5330341	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D68	HZ-9B	5330322	GEZD-9.1	Z1209	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139
D69	1S2076	5330131	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D70	1N34A	0575001	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D71	W06A	5330341	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D72	1S2692AB	5330761	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D73	1S2692AB	5330761	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D74	1N60P	0575019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D75	1N60P	0575019	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
IC1	FA6008M	5353033								
IC2	HA1202	5351051	GEIC-160				RE 370-IC			ECG1041
Q1	2SC460C	0573487	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
	2SC460 (1)		GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
Q2	2SC460C	0573487	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107

SEARS MODELS 934.3677 1500/.36772600

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.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
Q3	2SC460 (1)	0573492	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
	2SC454C		GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
Q4	2SC454 (1)	0573492	GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
	2SC454C		GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
Q5	2SC454 (1)	0573492	GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
	2SC454C		GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
Q6	2SC454 (1)	0573492	GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
	2SC454C		GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
Q7	2SC454 (1)	0573492	GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
	2SC454C		GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
Q8	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q9	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q10	2SC460C	0573487	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
	2SC460 (1)		GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
Q11	2SC460C	0573487	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
	2SC460 (1)		GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
Q12	2SC460C	0573487	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
	2SC460 (1)		GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
Q13	2SC460C	0573487	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
	2SC460 (1)		GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
Q14	2SC454C	0573492	GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
	2SC454 (1)		GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
Q15	2SC460C	0573487	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
	2SC460 (1)		GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
Q16	2SC460C	0573487	GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
	2SC460 (1)		GE-61 *	(IR)2SC460B	PTC136 *	HEPS0014 *	RE 9	SK3018 *	RT-134	ECG107
Q17	2SK55E	5320942	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
	2SK55-DE		GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
Q18	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q19	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q20	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q21	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q22	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q23	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q24	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q25	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q26	2SC1061B	5320671 (1)	GE-66	TR-76	PTC154	HEPS0009 *	RE 21	SK3054	RT-197	ECG152
	2SC1061T		GE-66	TR-76	PTC154	HEPS0009 *	RE 21	SK3054	RT-197	ECG152
Q27	2SC1061B	5320671 (1)	GE-66	TR-76	PTC154	HEPS0009 *	RE 21	SK3054	RT-197	ECG152
	2SC1061T		GE-66	TR-76	PTC154	HEPS0009 *	RE 21	SK3054	RT-197	ECG152
Q28	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q29	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q30	2SC717	5320051	GE-17 *	(IR)2SC717	PTC132 *	HEPS0020 *	RE 28 *	SK3018 *	RT-134	ECG161 *
	2SC454C		GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
Q31	2SC454 (1)	0573492	GE-210 *	(IR)2SC454B	PTC115 *	HEPS0015 *	RE 10 *	SK3018 *	RT-187	ECG108 *
	2SC1213 (1)		GE-268	TR-25 *	PTC123 *	HEPS5014 *	RE 17 *	SK3024 *	RT-134	ECG289
Q32	2SC799	5320511	GE-46	WEP799	PTC176	HEPS0009 *	RE 198	SK3049	RT-306F	ECG237
	2SC1909		GE-215	WEP1306	PTC186	HEPS0009 *	RE 203	SK3197	RT-146	ECG235
Q33	2SC1239	5321171	GE-46 *	WEP1239	PTC176 *	HEPS0009 *	RE 198 *	SK3197	RT-174 *	ECG237 *
	2SC1307		GE-216	WEP1307	PTC186	HEPS0009 *	RE 201	SK3197	RT-158	ECG236
Q34	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q35	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q36	2SC1061T	5320671	GE-66	TR-76	PTC154	HEPS0009 *	RE 21	SK3054	RT-197	ECG152
	2SC1061 (1)		GE-66	TR-76	PTC154	HEPS0009 *	RE 21	SK3054	RT-197	ECG152
Q37	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
Q38	2SA673B	5320592	GE-269	TR-28 *	PTC103 *	HEPS0026 *	RE 197 *	SK3114	RT-115 *	ECG290
	2SA673 (1)		GE-269	TR-28 *	PTC103 *	HEPS0026 *	RE 197 *	SK3114	RT-115 *	ECG290
Q39	2SC458D	5320064	GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *
	2SC458 (1)		GE-210 *	(IR)2SC458B	PTC121 *	HEPS0009 *	RE 13 *	SK3124	RT-187	ECG123A *

* Lead configuration may vary from original.

(1) Used in some versions.

(6) Matched pair.

(7) Two required - select matched pair.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFRG. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C24	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C26	10 25V	0252612	PC10-25	VTT10B25	QV1-43	EV-1322
C27	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-23	EV-1318
C61	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-23	EV-1318
C62	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C85	33 25V	0252623	PC30-25	VTT33D25	QV1-63	EV-1325
C87	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C88	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C89	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C200	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C202	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C203	33 10V	0252323	PC30-25	VTT33B10	QV1-61	EV-1125
C205	220 10V	0252332	PC250-10	VTT220F10	QV1-115	EV-1140
C209	100 25V	0252631	PC100-25	VTT100G25	QV1-97	EV-1330
C210	47 25V	0256008	PC50-25	VTT47E25	QV1-75	EV-1326
C211	1000 16V	0256010	PC1000-16	VTT1000L16	QV1-183	EV-1260
C212	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-23	EV-1318
C213	3.3 25V	0252613	PC5-50	VTT3R3A50	QV1-23	EV-1318
C214	47 25V	0252525	PC50-25	VTT47E25	QV1-75	EV-1326
C221	33 6.3V	0252223	PC30-25	VTT33B10	QV1-61	EV-1125
C222	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C223	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C224	1000 16V	0252531	PC1000-16	VTT1000L16	QV1-183	EV-1260
C225	33 25V	0252623	PC30-25	VTT33D25	QV1-63	EV-1325
C240	22 10V	0252322	PC25-25	VTT22B16	QV1-55	EV-1224
C241	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C242	33 6.3V	0252223	PC50-25	VTT47E25	QV1-75	EV-1326
C243	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C245	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C260	100 6.3V	0252231	PC100-10	VTT100E10	QV1-93	EV-1030
C263	33 25V	0252623	PC30-25	VTT33D25	QV1-63	EV-1325
C265	33 6.3V	0252223	PC30-25	VTT33D25	QV1-63	EV-1325
C322	10 25V	0252621	PC10-25	VTT10B25	QV1-43	EV-1322
C330	1 25V	0252611	PC1-50	VTT1A50	QV1-9	EV-1315
C331	470 16V	0252535	PC500-16	VTT470K16	QV1-151	EV-1250
C333	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226
C335	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226
C337	47 16V	0252525	PC50-16	VTT47D16	QV1-73	EV-1226
C351	22 10V	0252322	PC25-25	VTT22B16	QV1-55	EV-1224
C401	1000 25V	0256074	WBRT000-25	VTT1000M25	QV1-185	EV-1360
C402	220 25V	0252632	PC250-25	VTT220K25	QV1-119	EV-1340
C403	33 25V	0252623	PC30-25	VTT33D25	QV1-63	EV-1325
C404	220 25V	0252632	PC250-25	VTT220H16	QV1-117	EV-1240

SEARS MODELS 934.36771500/.36772600

CAPACITORS

ITEM No.	RATING	MFRG. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C1	33 10%		DTZ-33	NP033	CN0433	QW1-43	10TCC-Q33
C2	22 10%		DTZ-22	NP022	CN0422		10TCC-Q22
C3	.047		UK16-503		MAG1615		HY-635
C4	.01 10% 50V		UK50-103		MAG5011		
C5	.022		UK16-223				HY-625
C6	.022		UK16-223				HY-625
C7	.022 50V				M192P2239R8		192P2239R8
C8	3 +.5		DTZ-3R3	NP03P3	CN0533		10TCC-V33
C9	2 +.5		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C10	.022		UK16-223				HY-625
C11	47 10%		DTZ-47	NP047	CN0447	10TCC-Q47	
C12	.022 50V				M192P2239R8	192P2239R8	
C13	510 5%			CD15FD511J03	SX351	QC2-81	MWA-511
C14	.022		UK16-223				HY-625
C15	2 +.5		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C16	.022		UK16-223				HY-625
C17	.022 50V				M192P2239R8		192P2239R8
C18	.022		UK16-223				HY-625
C19	.022		UK16-223				HY-625
C20	.022 50V				M192P2239R8		192P2239R8
C21	.047		UK16-503		MAG1615		HY-635
C22	.001		DD-1026	GP1000	GP210		5GA-D10
C23	.022		UK16-223			HY-625	
C25	.01		UK16-103		MAG1611	HY-420	
C28	.022		UK16-223			HY-625	
C29	220 10%		DTZ-220			10TCC-T22	
C32	.0047		DD-472	GP4700	GP247	5GA-D47	
C40	.022		UK16-223			HY-625	
C41	.01		UK16-103		MAG1611	HY-420	
C42	.01		UK16-103		MAG1611	HY-420	
C43	.01		UK16-103		MAG1611	HY-420	
C44	27 10%				CN0427	10TCC-Q27	
C45	47 10%		DTZ-47	NP047	CN0447	10TCC-Q47	
C46	.022		UK16-223			HY-625	
C47	.01		UK16-103		MAG1611	HY-420	

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	
C48	.01	0283100	UK16-103	NP03P3	MAG1611	QC2-81 QF1-91 QF1-91 QC2-81 QC2-81 QF1-171	HY-420	
C49	.022		UK16-223		NP022		CN0418 CN0422 MAG1611 MAG1611 MAG1611	HY-625
C50	.022		UK16-223					HY-625
C51	.022		UK16-223					HY-625
C52	.022		UK16-223					HY-625
C53	.01		UK16-103					HY-420
C54	3 +.5		DTZ-3R3	MAG1611 CN0533	10TCC-V33			
C55	3-16		DTZ-22 UK16-103 UK16-103 UK16-103	NP022	CN0418 CN0422 MAG1611 MAG1611 MAG1611		10TCC-Q18	
C56	18 10%						10TCC-Q22	
C57	22 10%						HY-420	
C58	.01						HY-420	
C59	.01						HY-420	
C60	.01						HY-420	
C63	1 +.5		DTZ-4R7 DD-102G	NP04P7 GP1000 WMF1S1 WMF1S1 GP330 GP1000 GP1000	CN0510 CN0547 GP210 EWF1A110 EWF1A110 GP333 GP210 GP210		10TCC-V10	
C64	5 +.5						10TCC-V47	
C80	.001	5GA-D10						
C81	.01 50V	1PB-S10						
C82	.01 50V	1PB-S10						
C83	330 10%	10TS-T33						
C84	.001	DD-331 DD-102G DD-102G UK16-103 UK16-103 DTZ-33 DTZ-47 DTZ-47	NP033 NP047 NP047 DPMS2S47	CN0433 CN0447 CN0447 EWF1A147	5GA-D10			
C86	.001				5GA-D10			
C90	.01				HY-420			
C91	.01				HY-420			
C100	33 10%				10TCC-Q33			
C102	47 10%				10TCC-Q47			
C103	47 10%	10TCC-Q47						
C104	.047	0283107 0283107 0283107 0283107	0283107 0283107 0283107 0283107	0283107 0283107 0283107 0283107	1PB-S47			
C105	2.5 - 20				DTZ-22	NP022	CN0427 CN0422 CN0427 GP322	10TCC-Q27
C106	2.5 - 20							10TCC-Q22
C107	2.5 - 20							10TCC-Q27
C108	2.5 - 20							10TS-T22
C110	27 10%							GP10000
C111	22 10%	0283094 0283094 0283094 0283094 0283094 0283094 0283107 02						

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
C174	47 10%	0283104	DTZ-47	NP047	CN0447	QF1-1	10TCC-Q47
C175	.047		UK16-503		MAG1615		HY-635
C176	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C177	.047		UK16-503		MAG1615		HY-635
C178	3 - 56						
C180	.001 50V			DPMS6D1	EWFA210	QF1-1	1PB-D10
C181	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C182	.01		UK16-103		MAG1611		HY-420
C183	.001 50V			DPMS6D1	EWFA210		1PB-D10
C184	.001 50V			DPMS6D1	EWFA210	QF1-1	1PB-D10
C185	.001 50V			DPMS6D1	EWFA210		1PB-D10
C186	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C201	.022				M192P2239R8		192P2239R8
C204	.001 50V			DPMS6D1	EWFA210	QF1-1	1PB-D10
C206	.01 50V			WMF1S1	EWFA110		1PB-S10
C207	.01 50V			WMF1S1	EWFA110		1PB-S10
C208	.0068 50V			WMF1D68	EWFA268		1PB-D68
C215	.022		UK16-223				HY-625
C216	.022		UK16-223				HY-625
C220	.047		UK16-503		MAG1615		HY-635
C226	.047		UK16-503		MAG1615		HY-635
C244	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C261	.001		DD-102G	GP1000	GP210		5GA-D10
C262	2 +.5		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C264	.047 10% 50V			DPMS2S47	EWFA1A47		1PB-S47
C266	.01	0248645 (1)	UK16-103		MAG1611	QF1-171	HY-420
C300	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C301	.0047		DD-472	GP4700	GP247		5GA-D47
C302	.047		UK16-503		MAG1615		HY-635
C303	68 10%		DTZ-68	NP068	CN0468		10TCC-Q68
C304	8		DTZ-10	NP010	CN0410		10TCC-Q10
C305	5 +.5		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C306	68 10%		DTZ-68	NP068	CN0468		10TCC-Q68
C307	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C308	5 +.5		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C309	68 10%		DTZ-68	NP068	CN0468		10TCC-Q68
C310	.047		UK16-503		MAG1615		HY-635
C311	39 10%				CN0439		10TCC-Q39
C312	100 10%		DTZ-100	NP0100	CN0310		10TCC-T10
	120 10%		DTZ-120		CN0312		10TCC-T12
C313	.01		UK16-103		MAG1611		HY-420
C314	220 10%		DTZ-220				10TCC-T22
C315	220 10%		DTZ-220				10TCC-T22
C316	150 10%		DD-151		GP315		10TS-T15
C317	.01		UK16-103		MAG1611		HY-420
C318	.0047		DD-472	GP4700	GP247		5GA-D47
C319	.022		UK16-223				HY-625
C320	.033 10% 50V		UK25-333		MAG25133		HY-730
C321	.022		UK16-223				HY-625
C324	270 10%		DTZ-270				10TCC-T27
C325	56 10%				CN0456		10TCC-Q56
C326	15 10%		DTZ-15	NP015	CN0415		10TCC-Q15
C332	.022		UK16-223				HY-625
C334	.01		UK16-103		MAG1611		HY-420
C336	.01		UK16-103		MAG1611		HY-420
C338	.01		UK16-103		MAG1611		HY-420
C340	5 +.5	0248720 (1)	DTZ-4R7	NP04P7	CN0547		10TCC-V47
C341	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C342	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C343	.01		UK16-103		MAG1611		HY-420
C350	.047		UK16-503		MAG1615		HY-635
C352	.001		DD-102G	GP1000	GP210		5GA-D10
C405	.047		UK16-503		MAG1615	QC2-81	5GA-D10
C406	.001		DD-102G	GP1000	GP210		5GA-D10
C407	.001		DD-102G	GP1000	GP210		5GA-D10
C408	.01		UK16-103		MAG1611		HY-420
C409	.01		UK16-103		MAG1611		HY-420
C410	.022		UK16-503		MAG1615		HY-635
C501	47 10%		DTZ-47	NP047	CN0447		10TCC-Q47
C502	.01		UK16-103		MAG1611		HY-420
C503	.01		UK16-103		MAG1611		HY-420
C504	.022		UK16-223				HY-625
C505	.022		UK16-223				HY-625
C506	.022		UK16-223				HY-625
C507	.047		UK16-503		MAG1615		HY-635
C508	.047		UK16-503		MAG1615		HY-635
C509	.022		UK16-223				HY-625
C510	.047		UK16-503		MAG1615		HY-635
C511	.022		UK16-223				HY-625
C520	.022		UK16-223				HY-625
C521	.022		UK16-223				HY-625
C522	.001		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C701	47	(2)	DTZ-47	NP047	CN0447		10TCC-Q47

(1) Used in Model 934.36771500.

(2) Used in Model 934.36772600.

SEARS MODELS 934.36771500/.36772600

PARTS LIST AND DESCRIPTION (CONTINUED)

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

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA				
			MFGR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
R17	AM Sensitivity	1000	0151883				
R36	Squelch	50K	5000331				
R37	AM Squelch	10K	0151886				
R62	SSB Sensitivity	1000	0151883				
R67	Balance	470	0151882				
R86	SSB Mic Gain	10K	0151886				
R200	Volume/Switch	10K	0151756				
R231	SSB AGC	10K	0151886				
R260	SSB Squelch	47K	0151888				
R262	AM S Meter	47K	0151888				
R263	SSB S Meter	10K	0151886				
R264	RF Meter	47K	0151888				
R281	ALC	1000	0151883				
R405	Voltage	1000	0151803	T-1000 (2)	C-102 (2)	MTC13L1 (2)	X201R102B (2)
R602	SWR Calibrate	10K	5000361(18)				
R611	RF Gain	5000					

(2) Cut off one of the end terminals and bend to fit PC board.

(18) Includes R602 and R611.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	REC Antenna (27MHz)	0317196		CB146	
L2	RF Choke (22uH)	5152078		74F225A1	
L3	RF Choke (22uH)	5152078		74F225A1	
L4	RF Choke (33uH)	5152021			
L5	RF Choke (33uH)	5152021			
L6	RF Choke (220uH)	5152032			
L7	RF Choke (4.7uH)	5152121		5219	
L8	RF Choke (1uH)	5152122			
L9	RF Choke (1uH)	5152122			
L10	Final Tank (27MHz)	5123007		CB143	
L11	Pi Filter (27MHz)	0317197			
L12	RF Choke (.22uH)	5150071		4586	
L13A	TVI Trap (54MHz)				
L13B	Xmit Buffer (27MHz)				
L14	Xmit Driver (27MHz)	5123007		CB143	
L15	RF Choke	5220002			
L16	RF Choke	5220002			
MF1	IF (455kHz)	5161022			
T1	RF Amp (27MHz)	5120099			
T2	Rec Mixer (11MHz)	0322341		CBS723-TC	
T3	IF (455kHz)	0322146		CBS510-1TC	
T4	IF (455kHz)	5161021		CBS503-4TC	
T5	IF (455kHz)	5132031		CBS505-4TC	
T6	REC Mixer (11MHz)	0322203		8518	
T7	SSB IF (11MHz)	0322341		2071	
T8	SSB IF (11MHz)	0322341		CBS510-1TC	
T9	SSB IF (11MHz)	5123262		CBS510-1TC	
T10	Xmit Mixer (27MHz)	0317192		CB749	
T11	Xmit Mixer (27MHz)	5123261			
T12	Synth Oscillator (23MHz)	5120099		CBS723-TC	
T13	Synth Mixer (38MHz)	5123261			
T14	Harmonic Suppressor (38MHz)	5123261			
T15	Harmonic Suppressor (38MHz)	5123261			
T16	Synth Mixer (38MHz)	5123261			

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (O CURRENT 1000~)	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
L15	680mA	.3	2.8mH	5220002			

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CHOKE (Audio Output)

ITEM No.	INDUCTANCE	REPLACEMENT DATA			NOTES
		MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
L16	2.8mH	5220002			

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T17	1.5	1		0441114			

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T18	32	8	5250191			

TRANSFORMER (Power)

ITEM No.	RATING		REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T27	120V AC @ 350mA AC	30V AC @ 1.4A AC	5211102			

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP1	3" x 5" PM 8 ohms	5410712		

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA							
		PART No.		BUSS PART No.		LITTELFUSE PART No.		WORKMAN PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	
F1 F2	2A Quick-acting 2A Quick-acting	5720085 5791138		GJV2 AGC2	HDJ	318002 312002	150145	FG2-2	

SEARS MODELS 934.36771500/.36772600

PARTS LIST AND DESCRIPTION (CONTINUED)

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

MICROPHONE

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	5421182	18-032	18-034	18-010	18-105	4	1	3	NC	NC	1

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
K1	Relay	5640062	REC/XMT
M1	Meter	5554152	S/Rf/SWR
PL1	Lamp	5760823	Channel Indicator (5.66V @ 30mA)
PL2	Lamp	5760652	Modulation (6.70V @ 37mA)
PL3	Lamp	5760823	REC Indicator (13.78V @ 73-A)
S1	Switch		Power (Part of Volume Control)
S2	Switch	5612082	Channel Select
S3	Switch	5639212	PA/CB
S4	Switch	5621341	AM/LSB/USB
S5	Switch	5639211	Noise Blanker
S6	Switch	5639214	RF/SWR/CAL
X1	Crystal	5780166	7.860000MHz
X2	Crystal	5780161	7.776666MHz
X3	Crystal	5780162	7.793333MHz
X4	Crystal	5780163	7.810000MHz
X5	Crystal	5780164	7.826666MHz
X6	Crystal	5780165	7.843333MHz
X7	Crystal	5780171	14.904MHz
X8	Crystal	5780172	14.914MHz
X9	Crystal	5780173	14.924MHz
X10	Crystal	5780174	14.944MHz
X11	Crystal	5780175	14.907MHz
X12	Crystal	5780176	14.917MHz
X13	Crystal	5780177	14.927MHz
X14	Crystal	5780178	14.947MHz
X15	Crystal	5780167	11.730MHz
X16	Crystal	5780168	11.272MHz
X17	Crystal	5780169	11.275MHz
XF1	Ceramic Filter	5161011	11.2735MHz
	AC Power Cord	0593477	
	DC Power Cord	5740703	

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

ITEM	PART No.	ITEM	PART No.
Case, Upper	6141292	Mic Hanger	7183331
Case, Lower	6144481	Knob, Channel	6286312
Escutcheon	6241471	Knob, Control	6286301

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')