



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.



PACE MODEL SIDETALK 1000M

MODEL Sidetalk 1000M (Late Prod.)

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

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ALIGNMENT INSTRUCTIONS

Suggested Alignment Tools:	GC ELECTRONICS
L108, L110, L202, T302	9300
ALL Other Tunable Coils and Transformers	9440
ALL Tunable Caps	5000

SYNTHESIZER

INDICATOR	CHANNEL	ADJUST	FREQUENCY	REMARKS
Input of frequency counter to TP2, common to ground.	Any	C415	7.8025MHz +10Hz	Set mode switch to LSB, receive. Adjust to frequency.
Oscilloscope (Response to 30MHz) Input of scope to G1 of Q7, common to ground.		T402, T403		Set mode switch to USB, receive. Adjust for maximum amplitude.
Input of frequency counter thru 20pF in parallel with 20uH coil to G1 of Q7, common to ground.			15.605MHz	The frequency must be 15.605MHz. If not, repeat first step.
Input of scope to TP1, common to ground.	13	T206, T205, T204		Set mode switch to LSB, receive. Set clarifier to center detent. Preset C241 thru C250 to mid-positions. Adjust T206, T205, T204 for maximum amplitude.
Input of frequency counter to TP1, common to ground.	1 2 3 4 8 12 16 20 23	C247 C248 C249 C250 C242 C243 C244 C245 C246	19.1625MHz 19.1725MHz 19.1825MHz 19.2025MHz 19.2525MHz 19.3025MHz 19.3525MHz 19.4025MHz 19.4525MHz	Set mode switch to LSB, receive. Set clarifier to center detent. All frequencies should be within +50Hz. If this tolerance cannot be obtained C241 may be adjusted to bring frequencies into tolerance.
Input of scope to TP1, common to ground.	13	T201, T202, T203, T402, T403	34.9175MHz	Set mode switch to USB. Adjust for maximum amplitude.
Input of frequency counter to TP1 common to ground.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		34.7675MHz 34.7775MHz 34.7875MHz 34.8075MHz 34.8175MHz 34.8275MHz 34.8375MHz 34.8575MHz 34.8675MHz 34.8775MHz 34.8875MHz 34.9075MHz 34.9175MHz 34.9275MHz 34.9375MHz 34.9575MHz 34.9675MHz 34.9775MHz 34.9875MHz 35.0075MHz 35.0175MHz 35.0275MHz 35.0575MHz	Set mode switch to USB. Check all channels for these frequencies. If not correct check all preceding steps.
	1 2 3 4 5 6 7 8 9		19.165MHz 19.175MHz 19.185MHz 19.205MHz 19.215MHz 19.225MHz 19.235MHz 19.255MHz 19.265MHz	Set mode switch to AM. Check all channels for these frequencies. If not correct check all preceding steps.

SYNTHESIZER(cont)

INDICATOR	CHANNEL	ADJUST	FREQUENCY	REMARKS			
Input of frequency counter to antenna jack, common to ground.	10	R228, L202	19.275MHz	Set mode switch to AM Key transmitter, no modulation. Adjust for frequency.			
	11		19.285MHz				
	12		19.305MHz				
	13		19.315MHz				
	14		19.325MHz				
	15		19.335MHz				
	16		19.355MHz				
	17		19.365MHz				
	18		19.375MHz				
	19		19.385MHz				
	20		19.405MHz				
	21		19.415MHz				
	22		19.425MHz				
	23		19.455MHz				
	13		27.115MHz				
	Input of frequency counter to TP1, common to ground.		13		R226 R227	19.3125MHz +50Hz	Set mode switch to LSB. Set clarifier to detent. This frequency should be obtained. Rotate clarifier fully clockwise. Adjust for this frequency. Rotate clarifier fully counter-clockwise. Adjust for this frequency.
						19.3131MHz	
						19.3119MHz	

RECEIVER

Connect an AC VTVM or AF Wattmeter across speaker voice coil. Adjustments made with 120-volt AC input to power supply. Adjust volume control to obtain suitable reading				
SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
High side thru .01uF to gate 1 of Q13, low side to ground.	7.80MHz, 1000Hz @ 30% modulation.	Any	T303,T304, T305,T306, T307	Set mode switch to AM. Set generator output to maintain mid scale reading on S meter. Adjust for maximum.
High side thru .01uF to antenna jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation, output 1uV	13	T301,T302	Set mode switch to AM. Adjust for maximum.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF Wattmeter across speaker voice coil. These adjustments made with 120-volt AC input to power supply. Adjust volume control to obtain a suitable reading.				
SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
AGC High side thru .01uF to antenna jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation, output 0uV.	13	R361	Set RF gain maximum clockwise. Input of DC VTVM to Q12 base, common to ground. Adjust for 1.6V DC.
SQUELCH RANGE High side thru .01uF to antenna jack, low side to ground	27.115MHz 1000Hz @ 30% modulation, output 1000uV.	13	R520	Set squelch control fully clockwise. Adjust so that squelch just breaks.
S METER High side thru .01uF to antenna jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation, output 100uV.	13	R363(AM) R364(SSB)	Mode switch to AM. Adjust for S9. Mode switch to LSB. Adjust for S9.

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TRANSMITTER

Connect an RF Wattmeter or 50-ohm, 25-watt dummy load to antenna connector.
Adjustments made with 120-volt AC input to power supply.

AM

INDICATOR	ADJUST	REMARKS
OUTPUT POWER Input of RF wattmeter to antenna jack, common to ground.	L106	Mode switch to AM. Key transmitter. Adjust for 4 watts output.
TVI TRAP TV (Ch. 2)	C141	Mode switch to AM. Key transmitter. Adjust for MINIMUM interference on TV.

TRANSMITTER

Connect an RF Wattmeter or 50-ohm, 25-watt dummy load to antenna connector.
Adjustments made with 120-volt AC input to power supply.

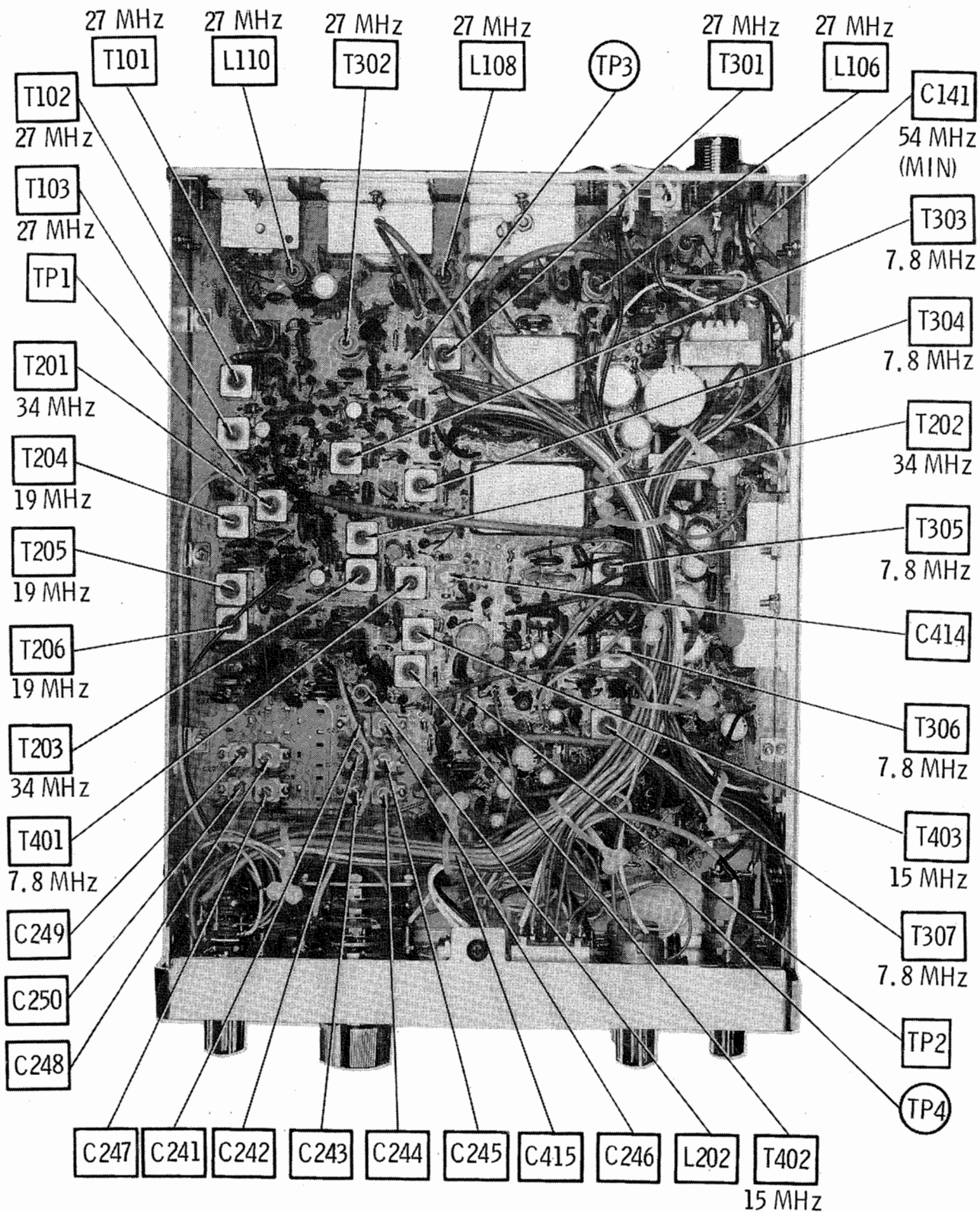
SSB

INDICATOR	ADJUST	REMARKS
CARRIER BALANCE Input of scope to antenna jack, common to ground.	C414, R414	Short mic input. Set mode switch to LSB or USB. Key transmitter and adjust for MINIMUM on scope.
LSB Input of wattmeter and frequency counter to antenna jack, common to ground.	T103,T102, T101,L110, L108,L106	Set mode switch to LSB. Disable R130 + R616. Set channel selector to Ch. 13. Inject a 1000Hz audio signal at mic jack. Key transmitter, adjust audio oscillator to maintain a 6-7 watt reading on wattmeter. Adjust for maximum.
	L108, L106	Readjust audio oscillator output for 15 watt reading on wattmeter. Readjust for maximum watts.
USB Input of wattmeter and frequency counter to antenna jack, common to ground.	T403,T402, T401,T203, T202,T201	Set mode switch to USB. Set channel selector to Ch. 13. Inject a 1000Hz audio signal at mic input jack. Key transmitter, adjust audio oscillator to maintain a 6-7 watt reading on wattmeter. Adjust for maximum. Increase audio output to confirm that output is at least 15 watts.

TRANSMITTER ADJUSTMENTS

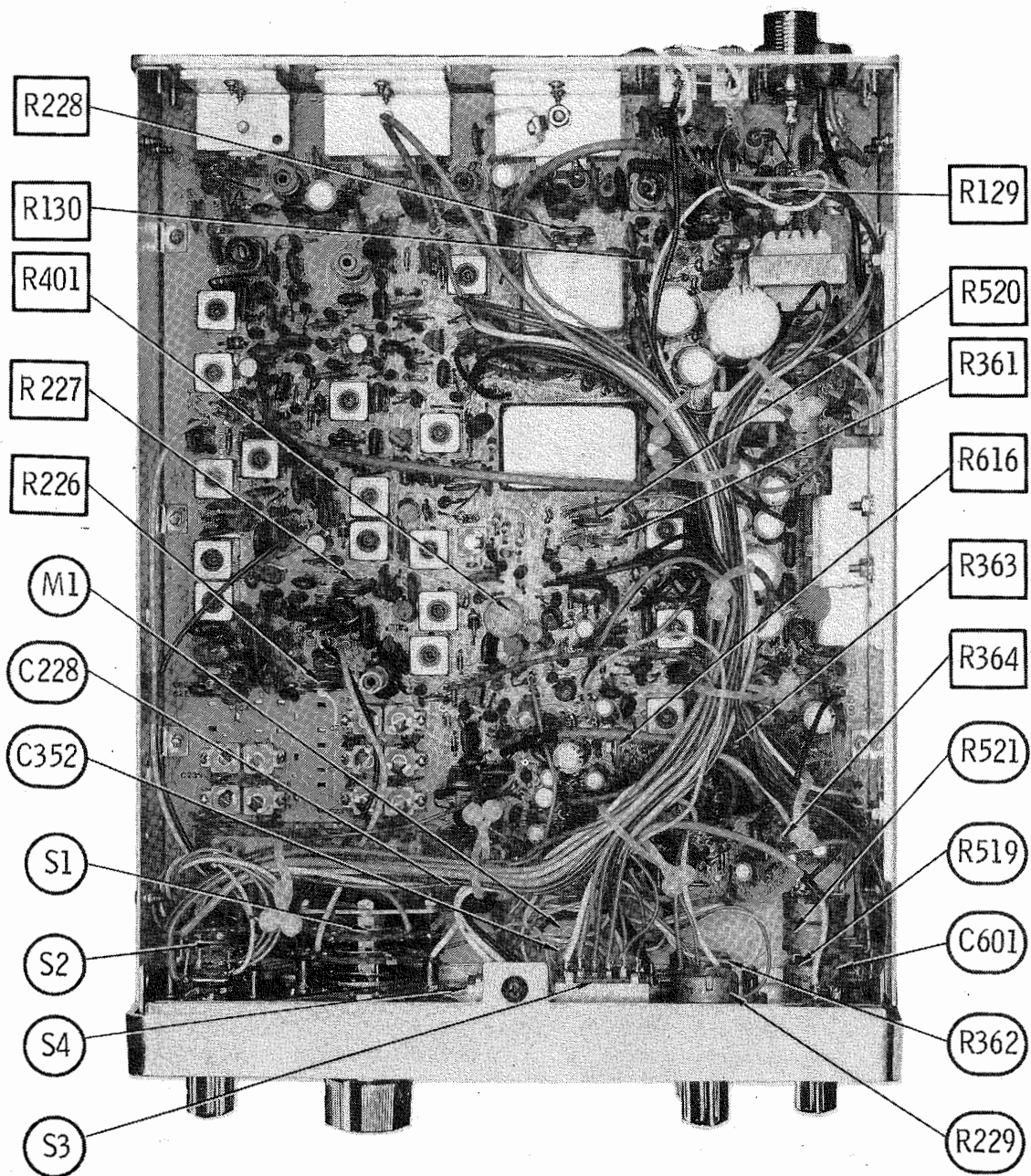
Connect an RF Wattmeter or 50-ohm, 25-watt dummy load to antenna connector.
Adjustments made with 120-volt AC input to power supply.

INDICATOR	ADJUST	REMARKS
ALC Input of RF wattmeter and scope to antenna jack, common to ground.	R130	Set mode switch to LSB. Key transmitter. Inject a 1000Hz signal at mic input adjusted to produce 15 watts output. Adjust for 12 watts.
AMC Input of modulation meter to antenna jack, common to ground	R616	Set mode switch to AM. Key transmitter. Inject a 1000Hz audio signal at mic input adjusted to produce 50% modulation. Adjust for 100% modulation maximum.
RF PANEL METER Input of RF Wattmeter to antenna jack, common to ground.	R129	Set mode switch to LSB. Inject 1000Hz audio signal to produce 12 watts. Key transmitter. Adjust so that panel RF meter agrees with RF wattmeter.
CAL ADJUST Panel Meter	R133	Set mode switch to AM. Connect a 150 ohm 5 watt non-inductive resistor to antenna jack. Set SWR/Cal switch to Cal. Key transmitter. Adjust R133 so needle is on right end (red) cal. scale. Set SWR/Cal switch to SWR. Adjust R133 to 3 on SWR (green) scale.

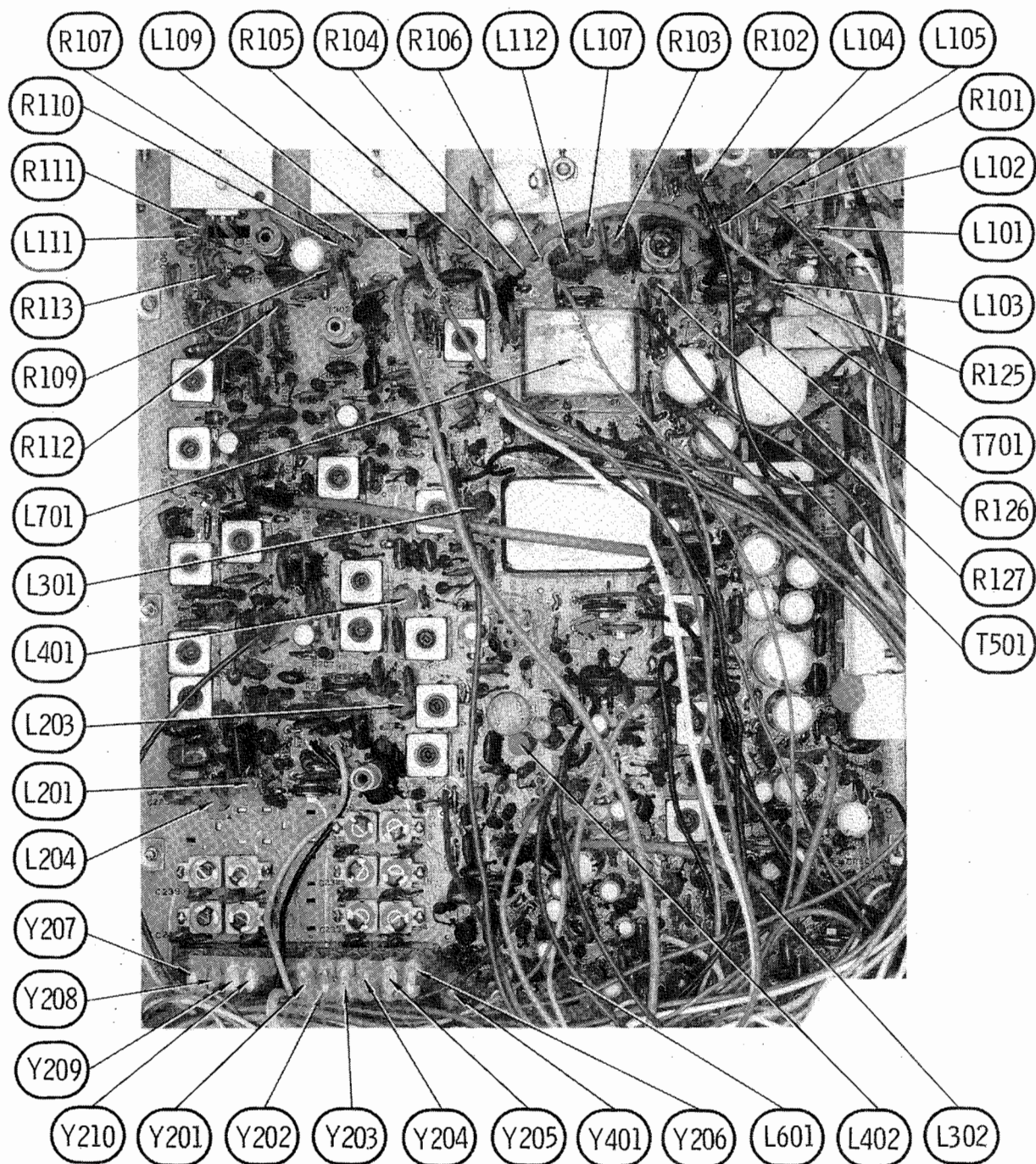


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CHASSIS - BOTTOM

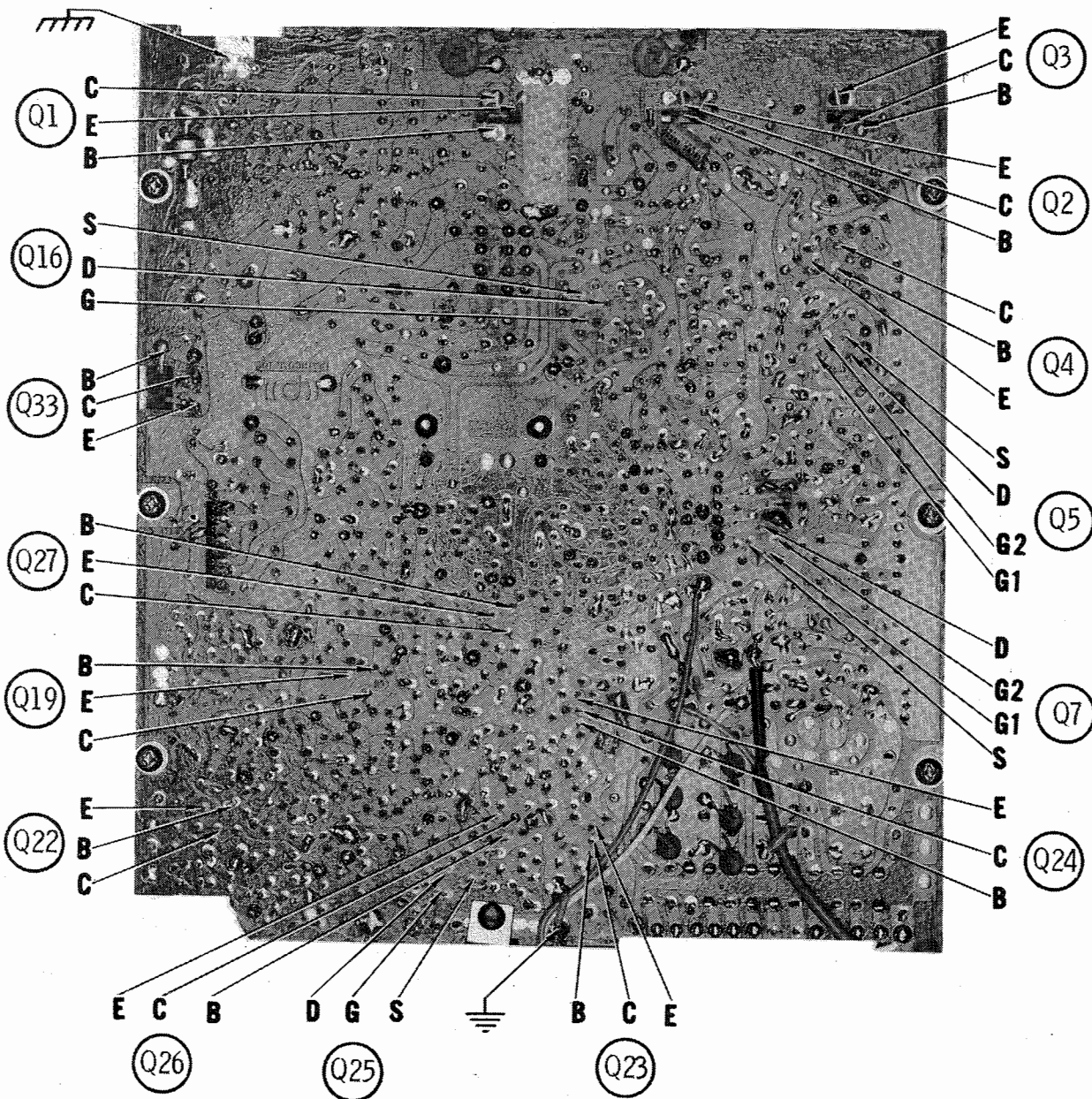


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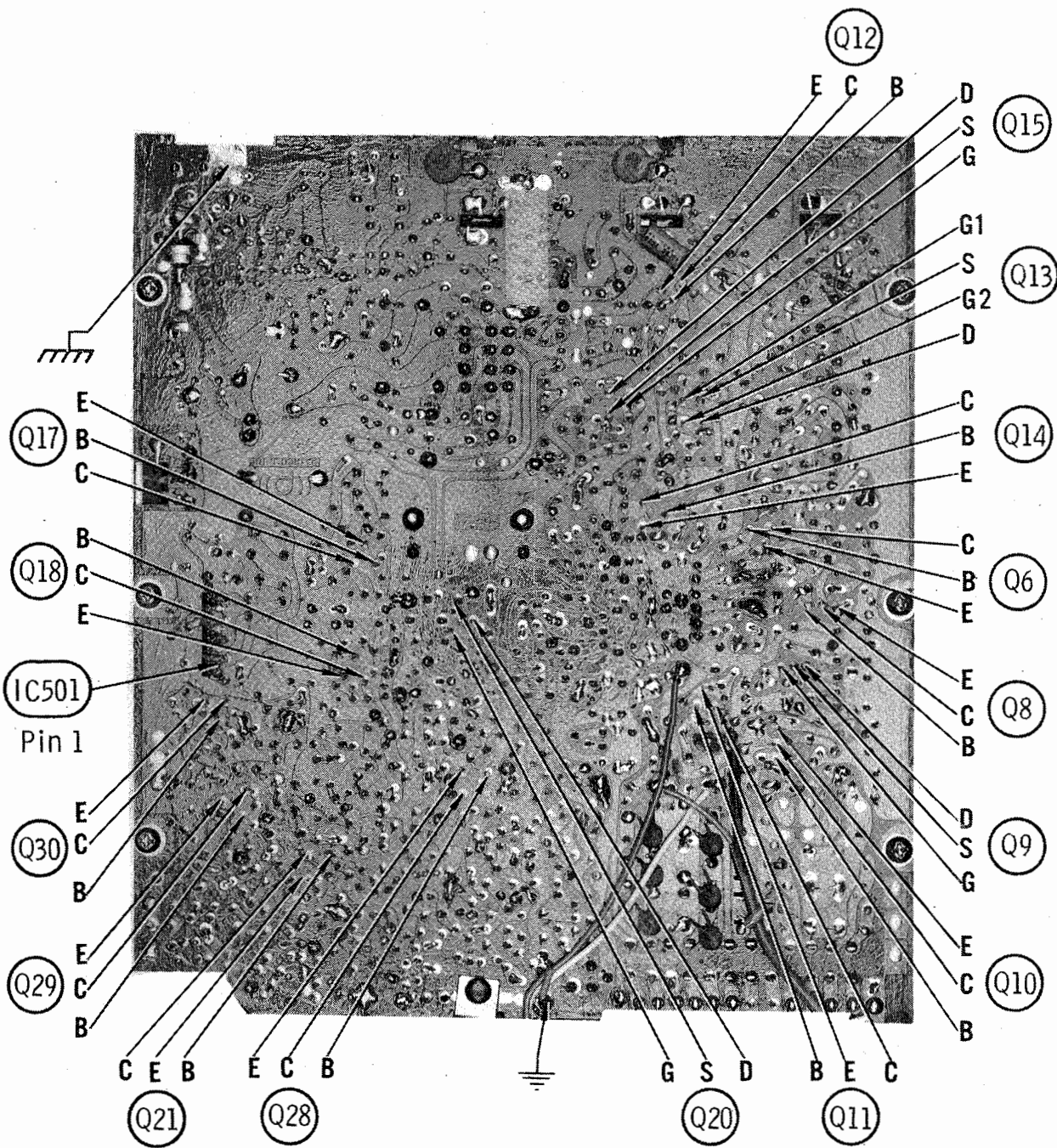


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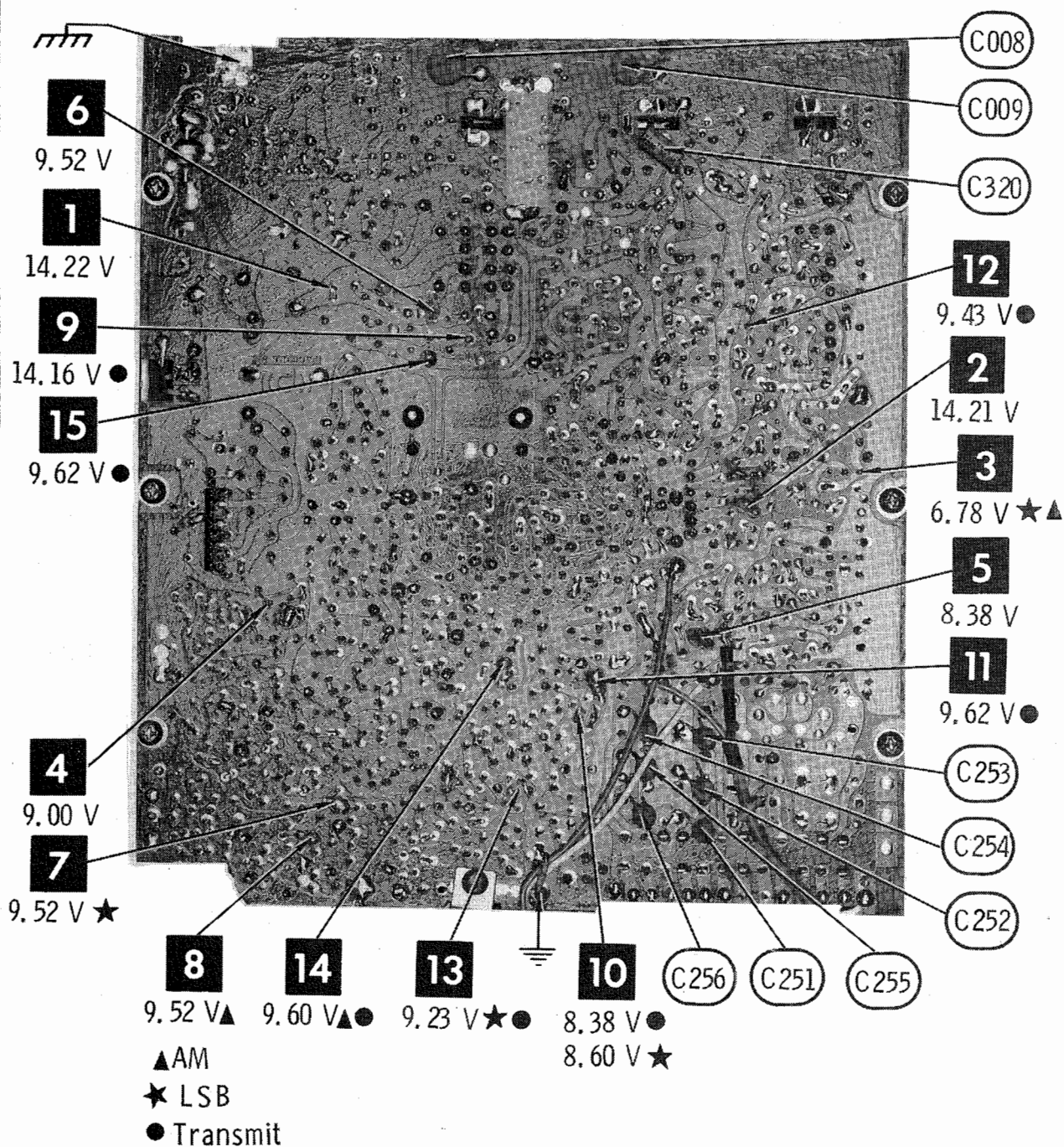
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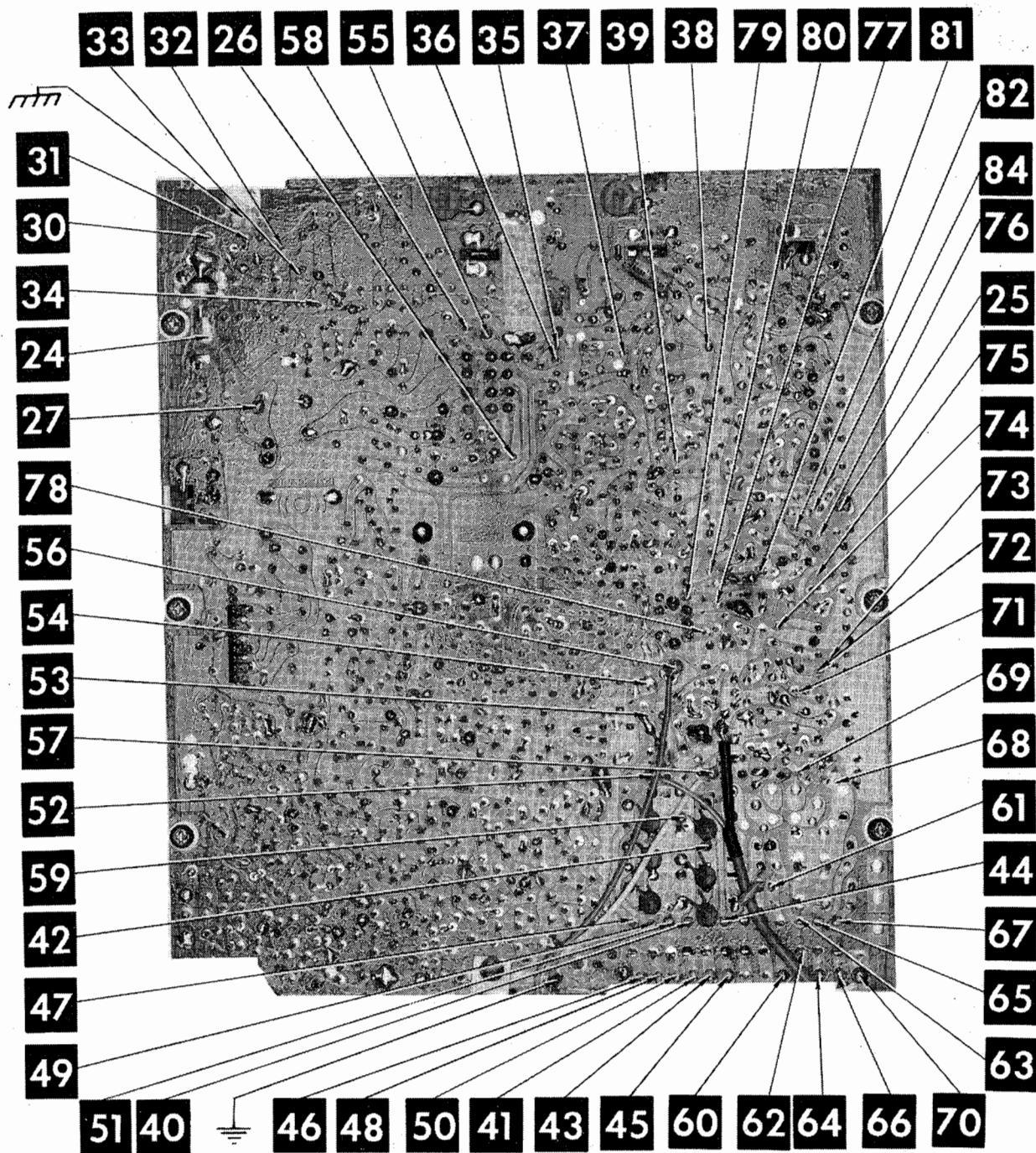
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MAIN BOARD

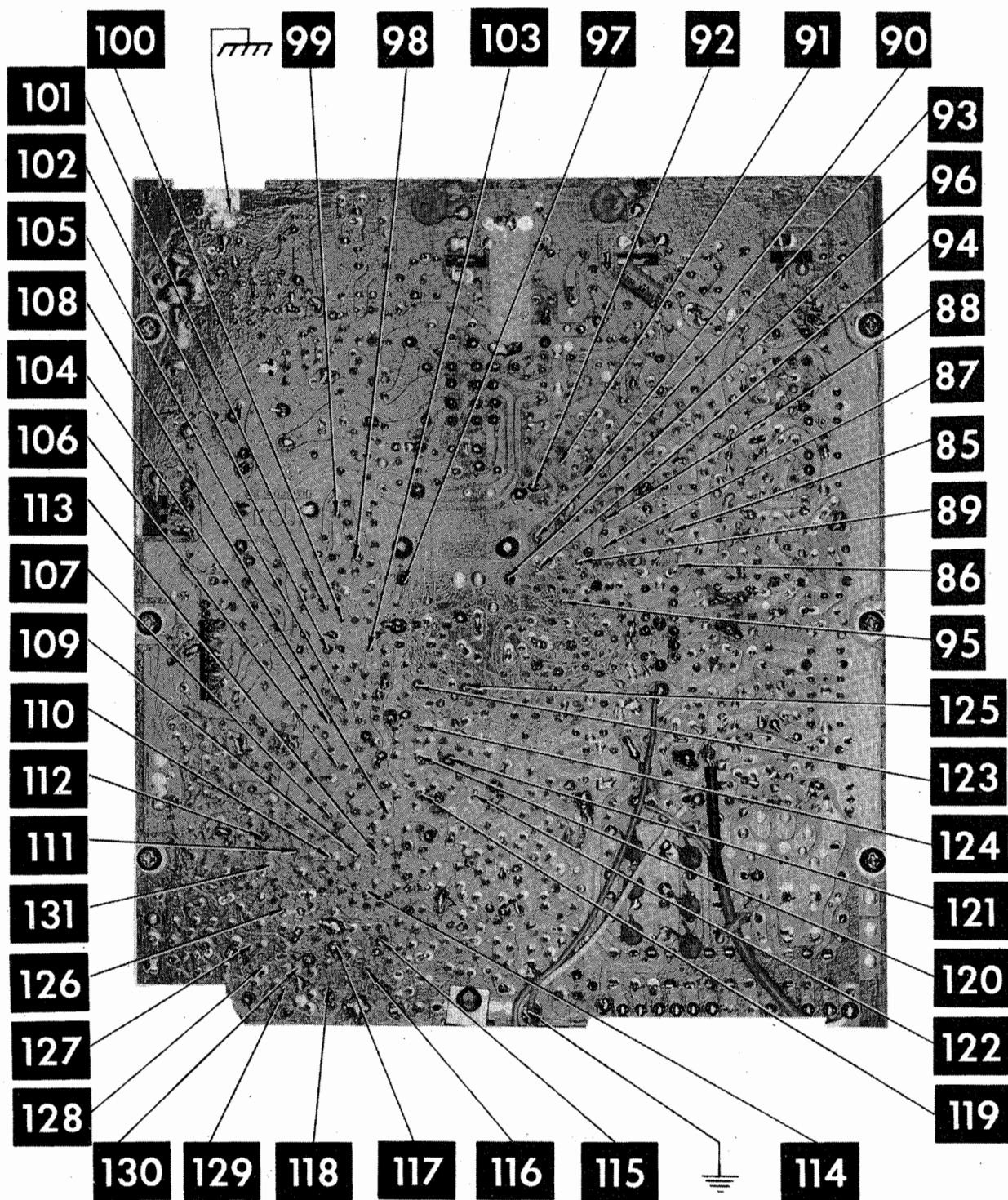


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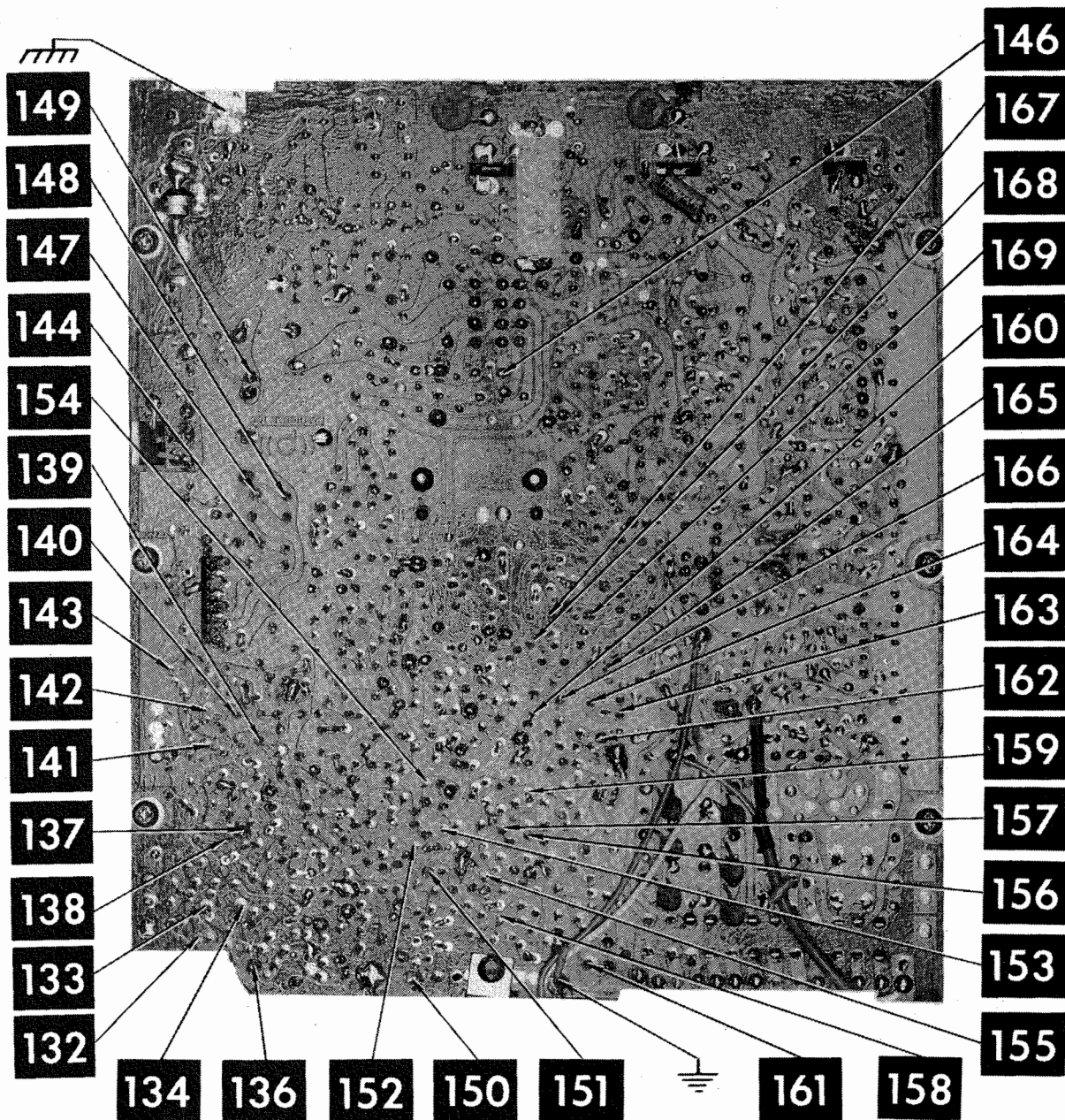


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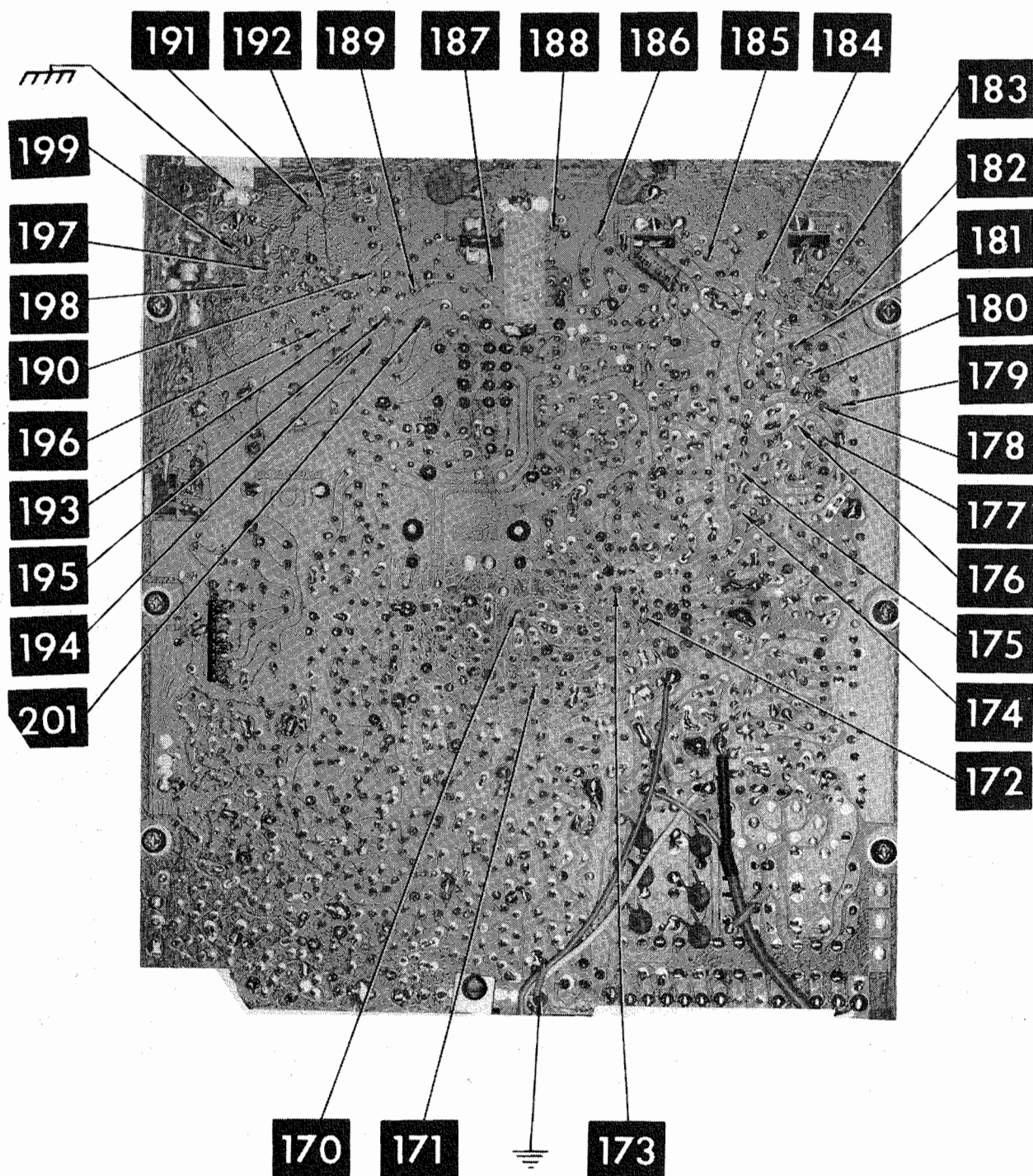


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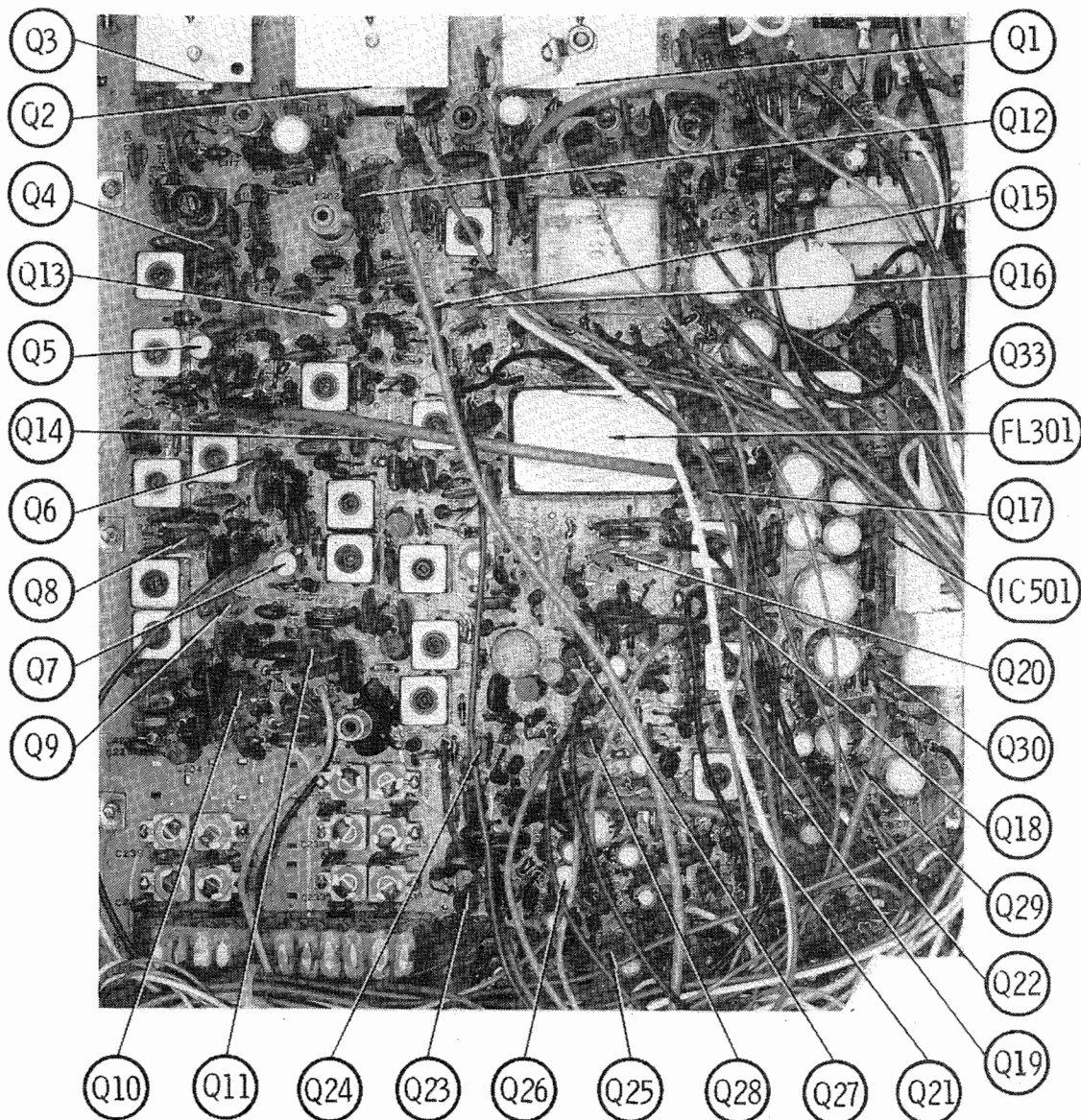


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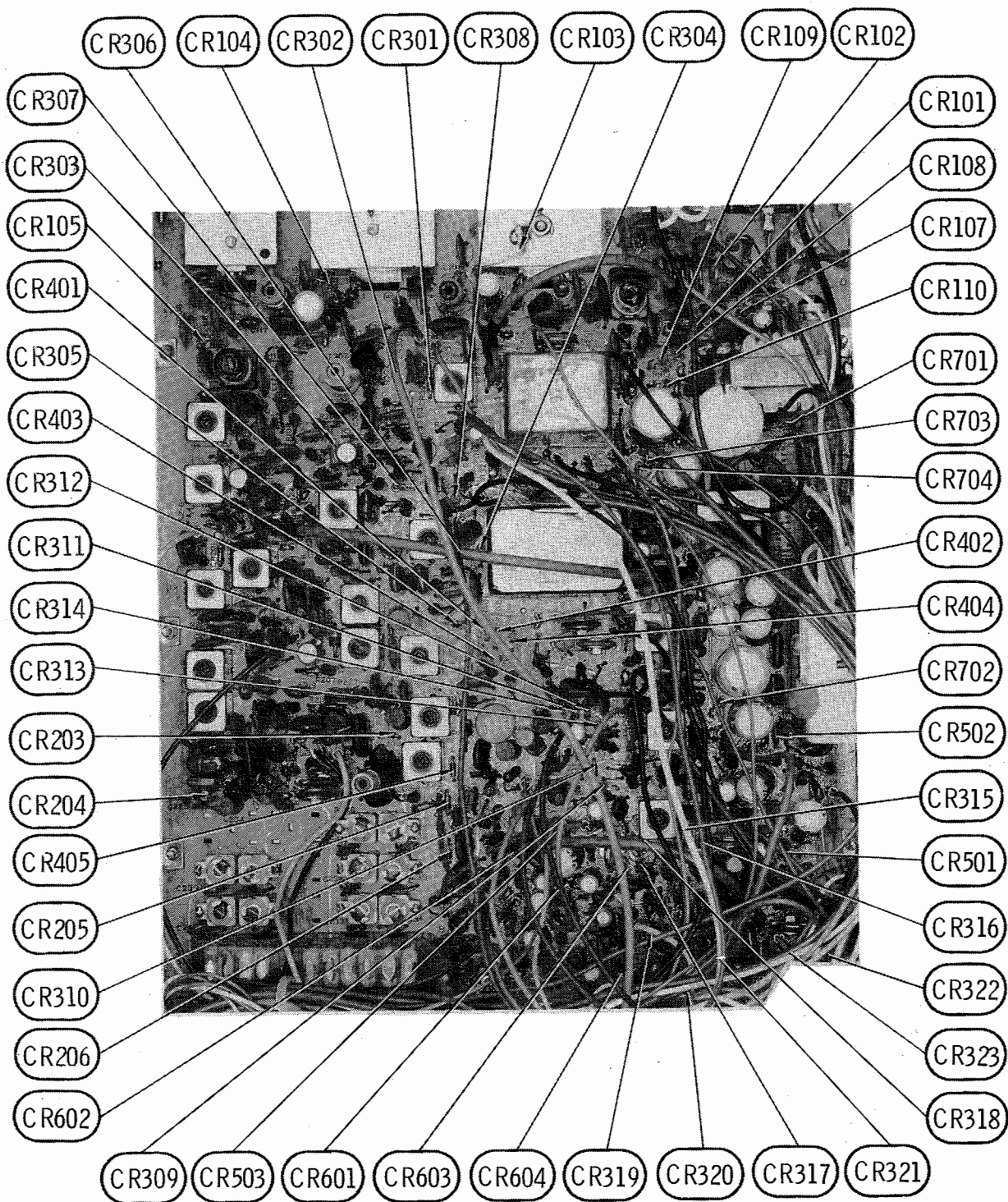
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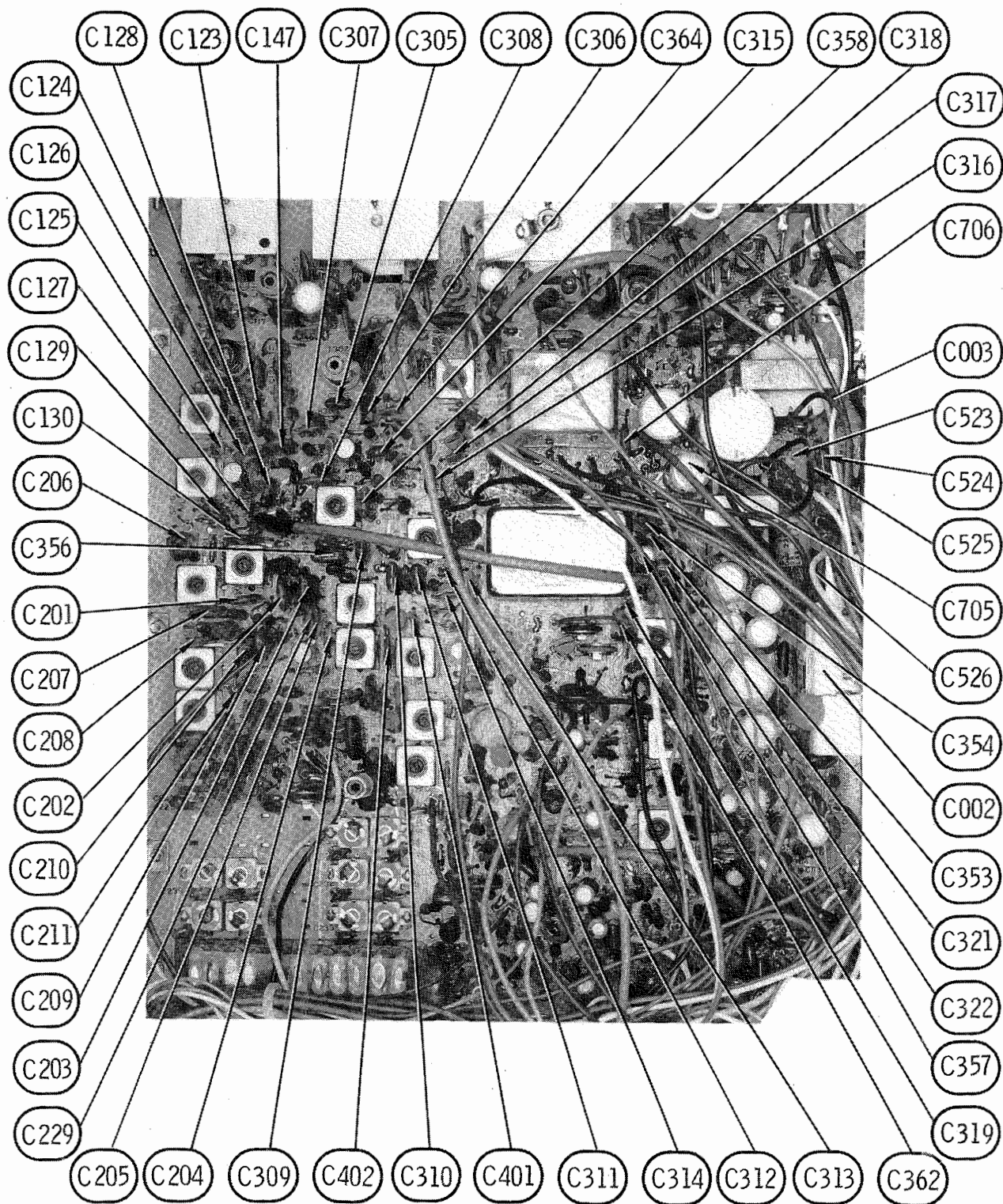
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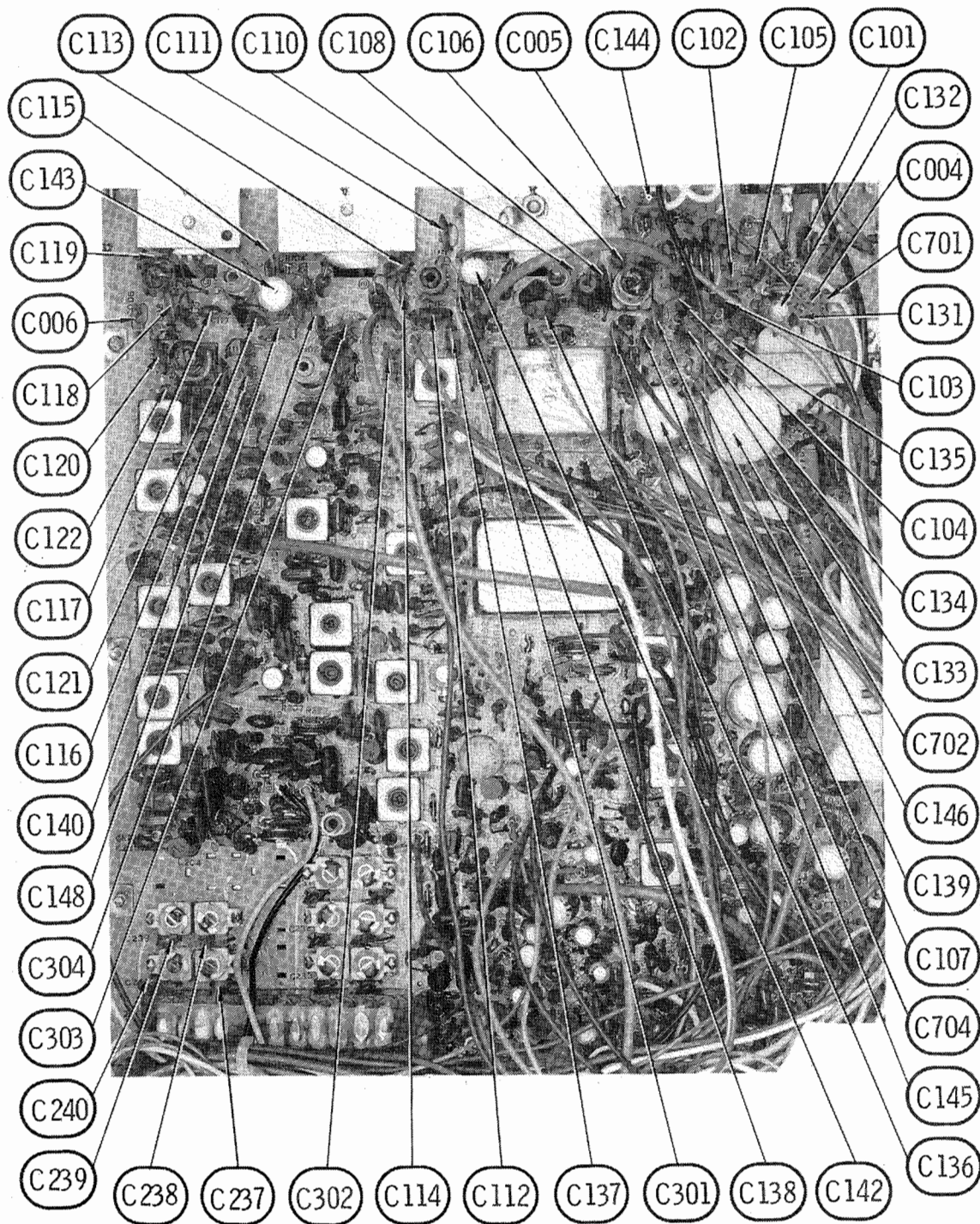
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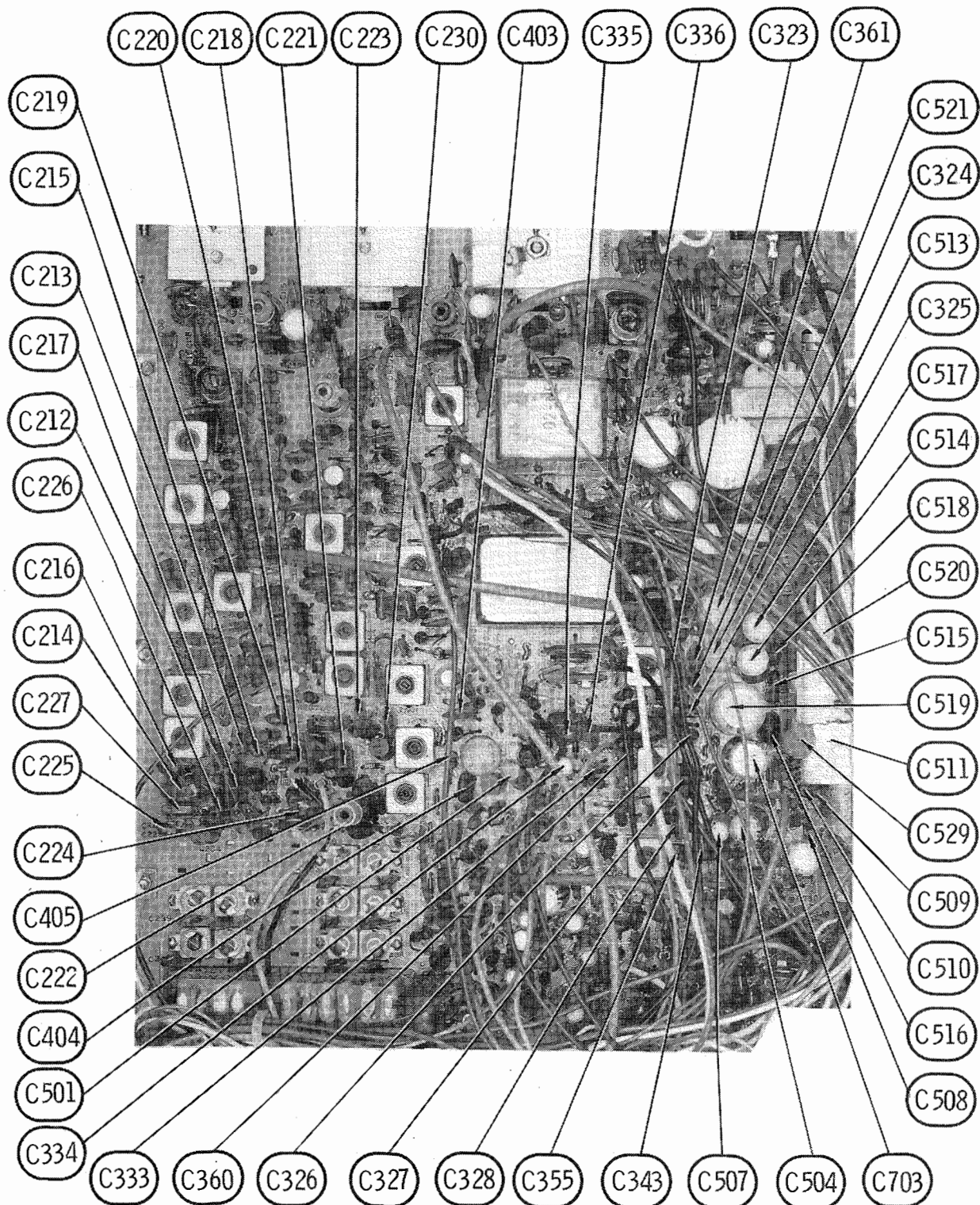
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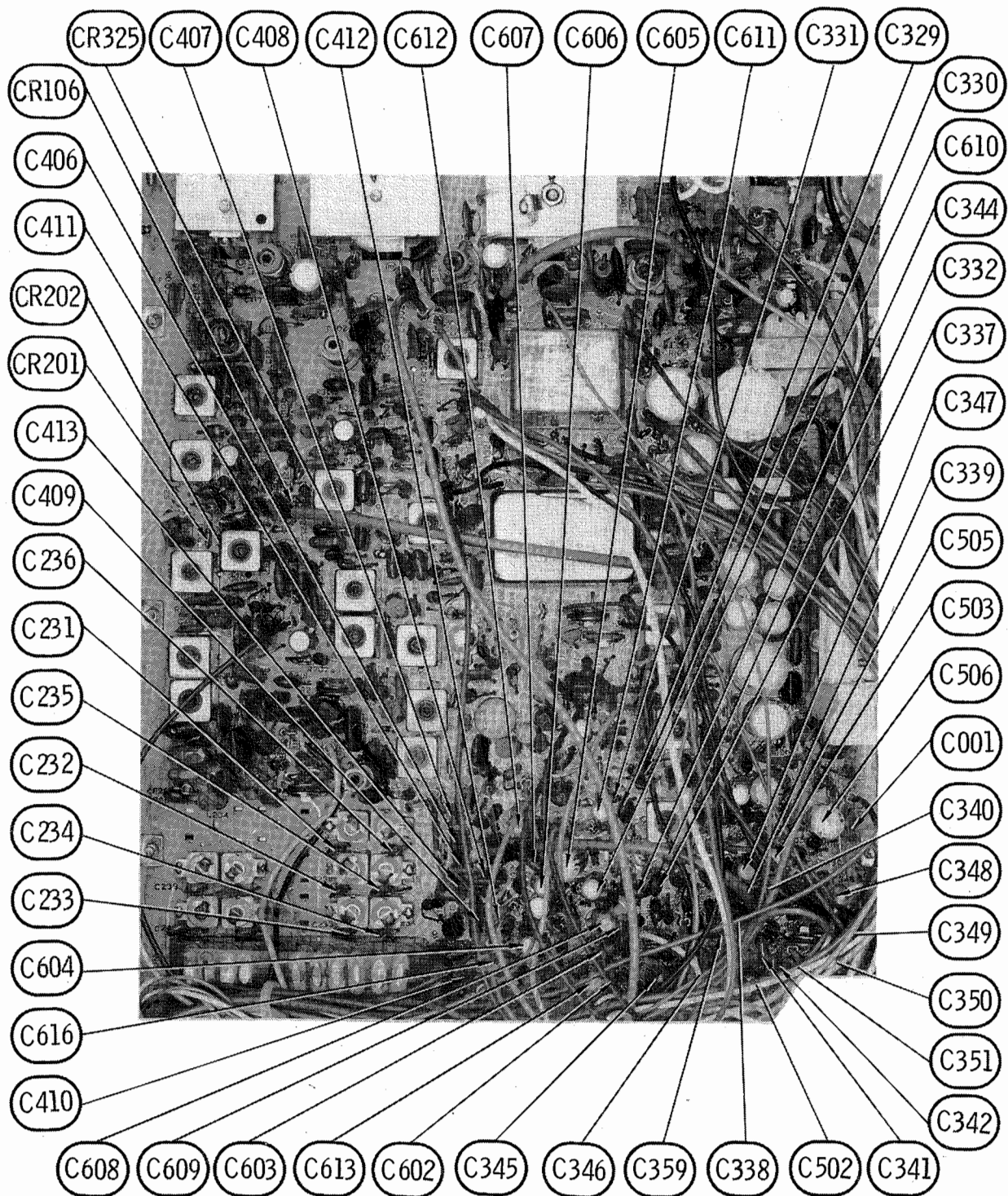
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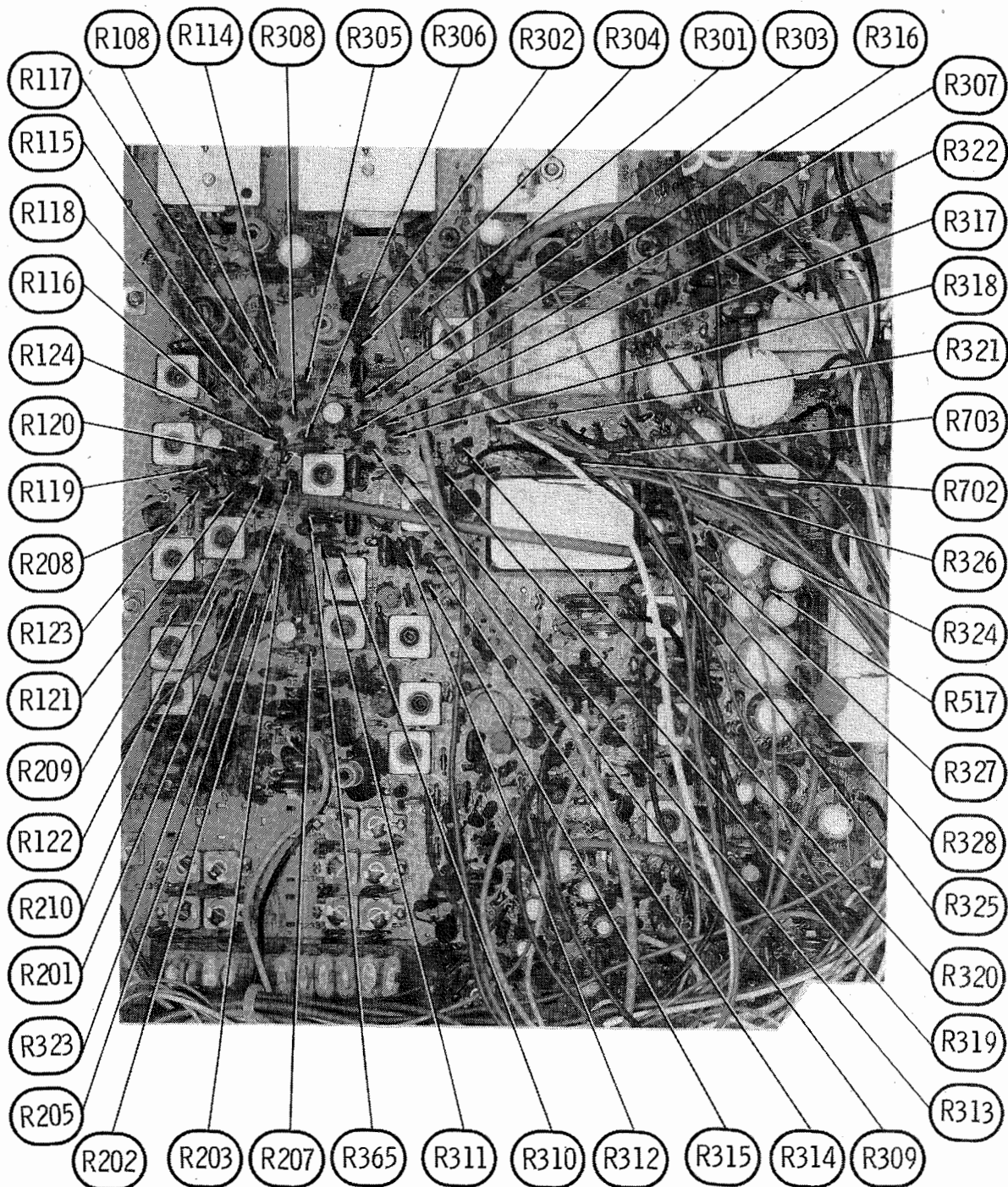
MAIN BOARD



MAIN BOARD

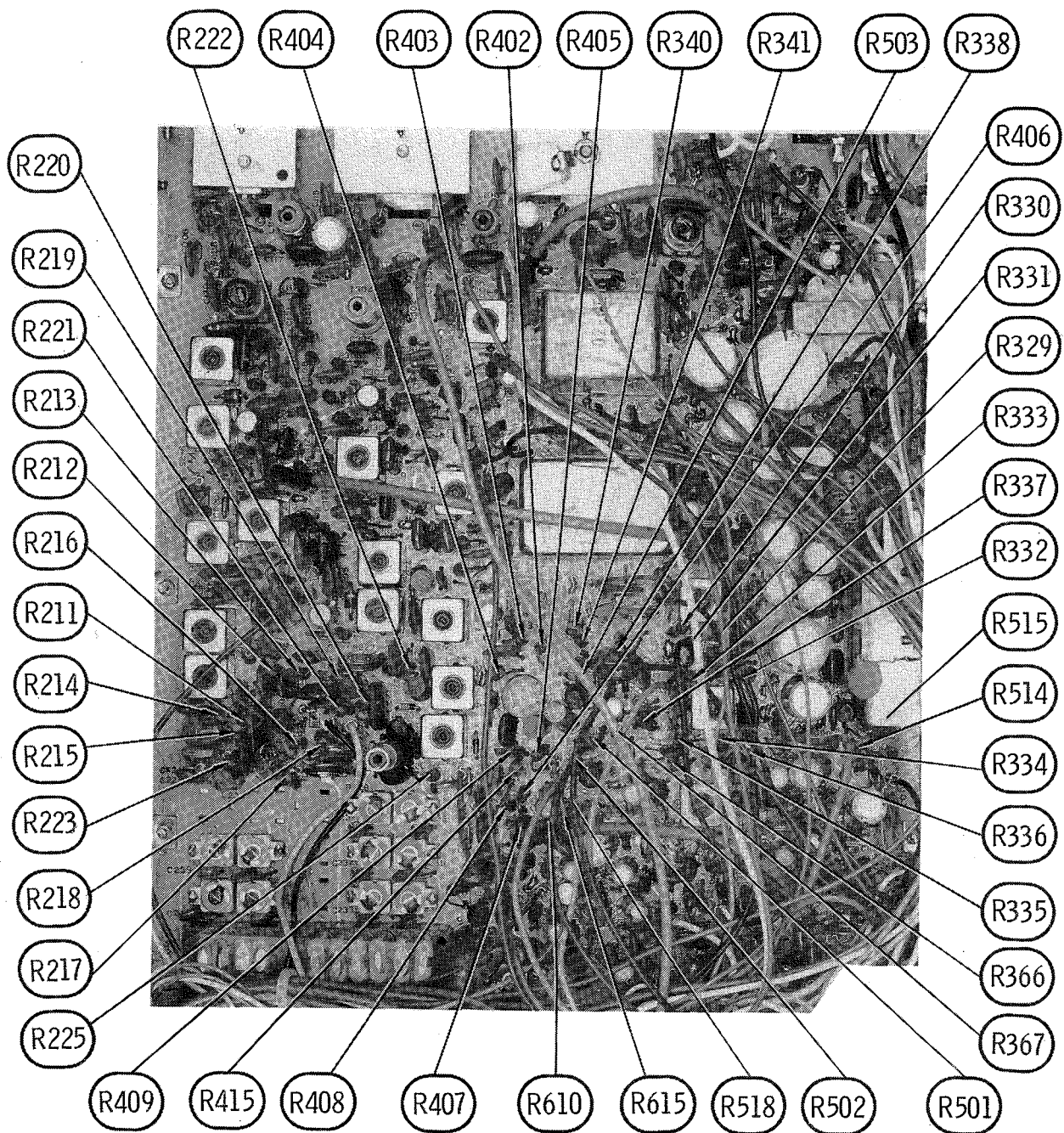


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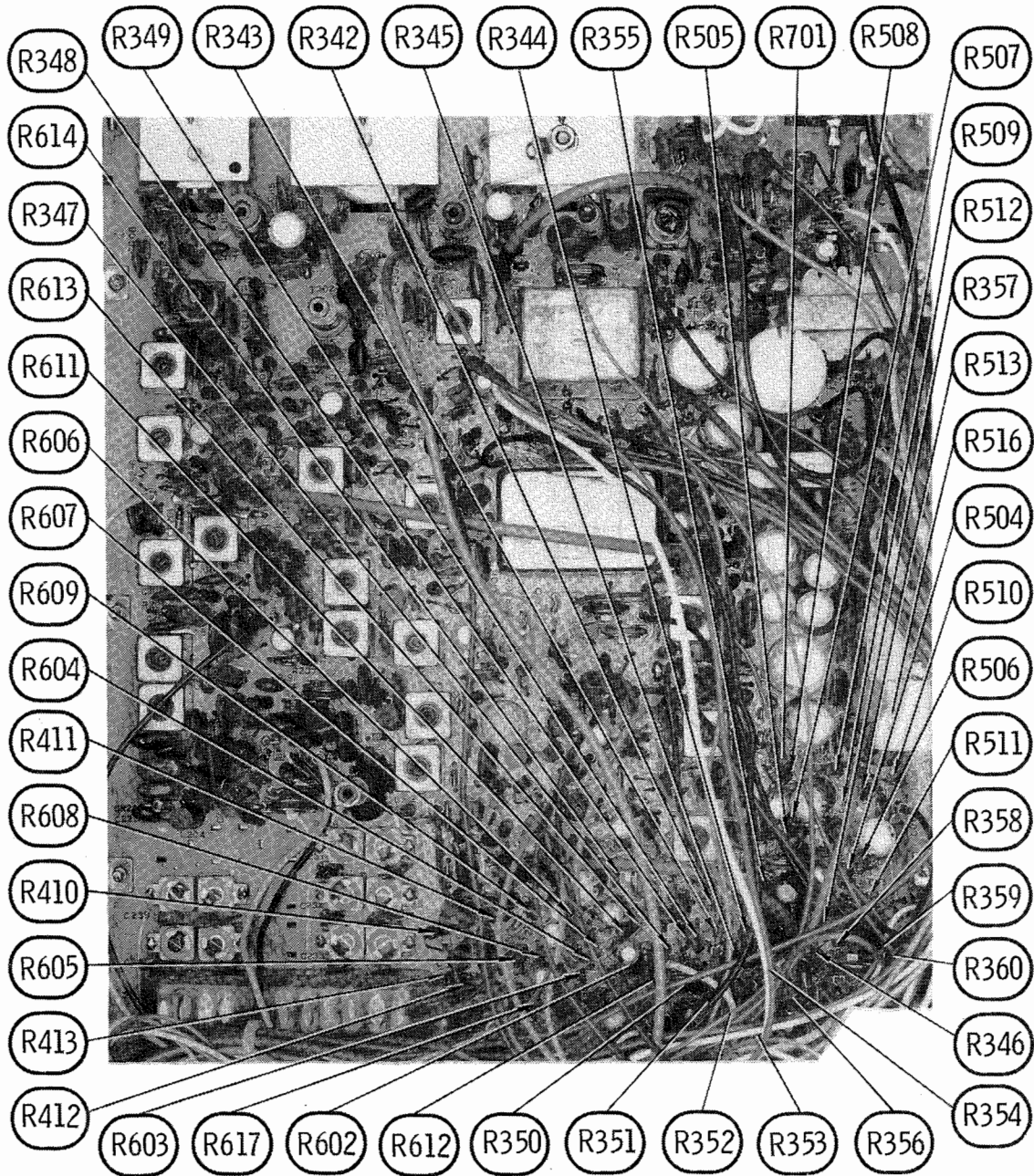


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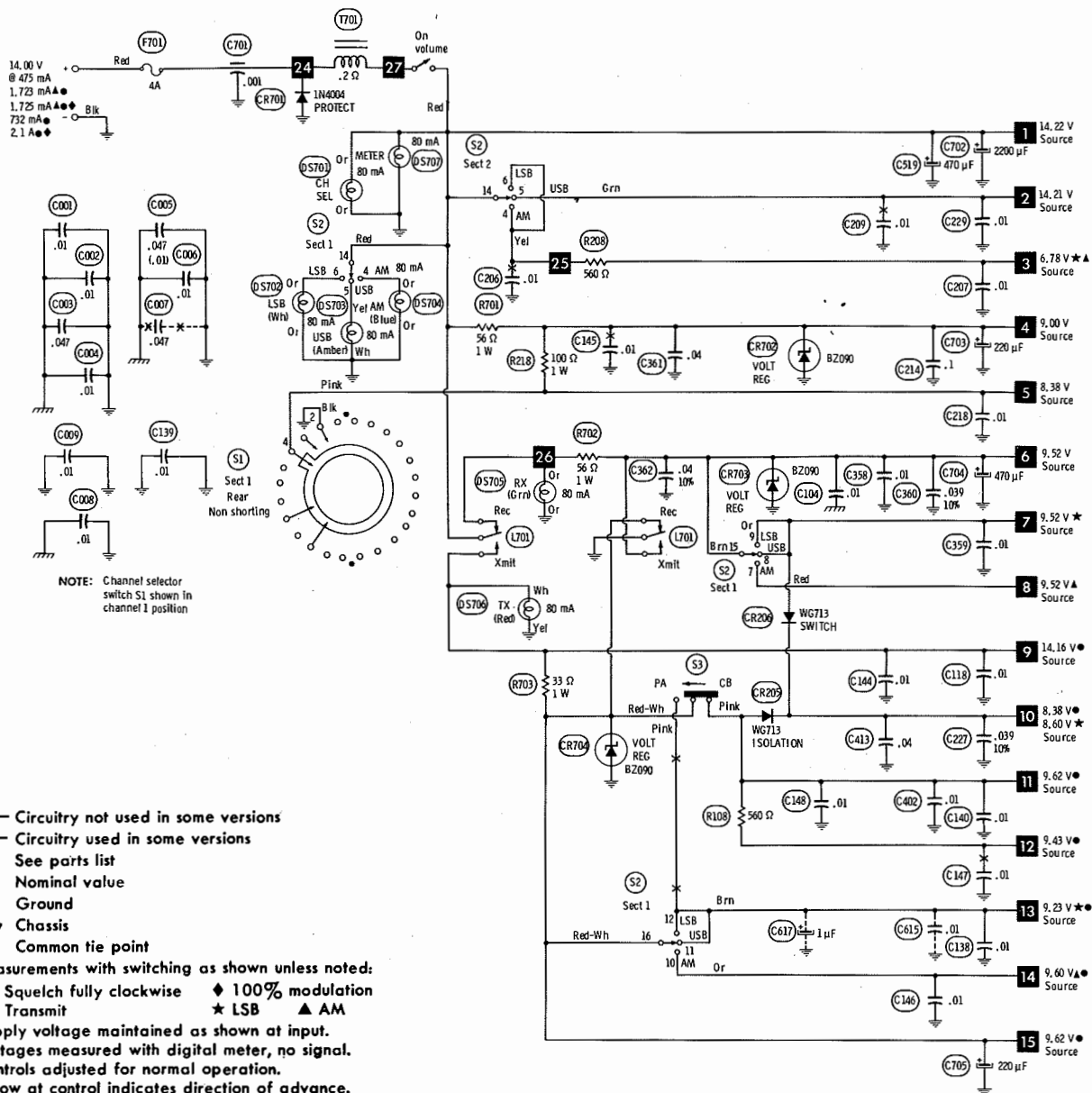
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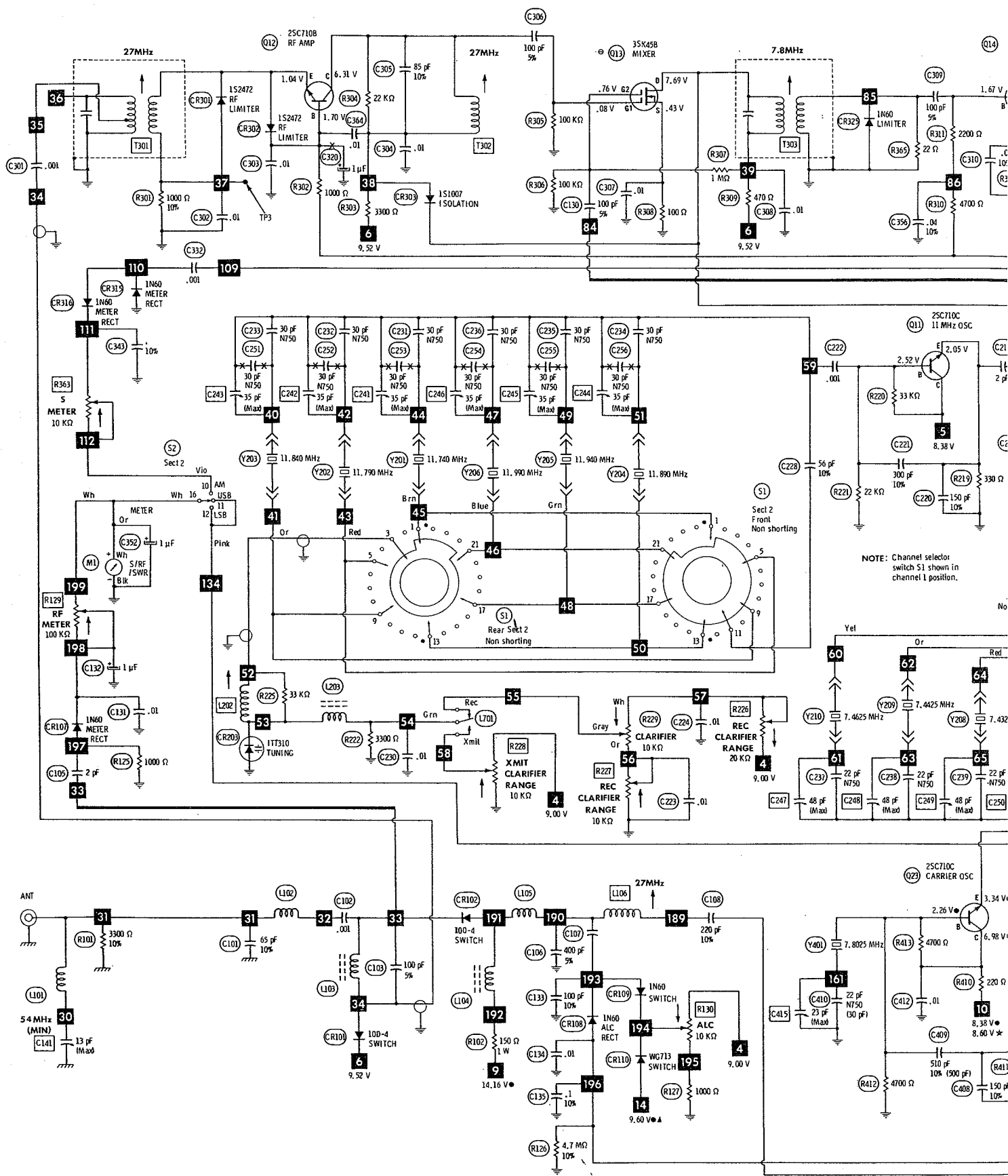


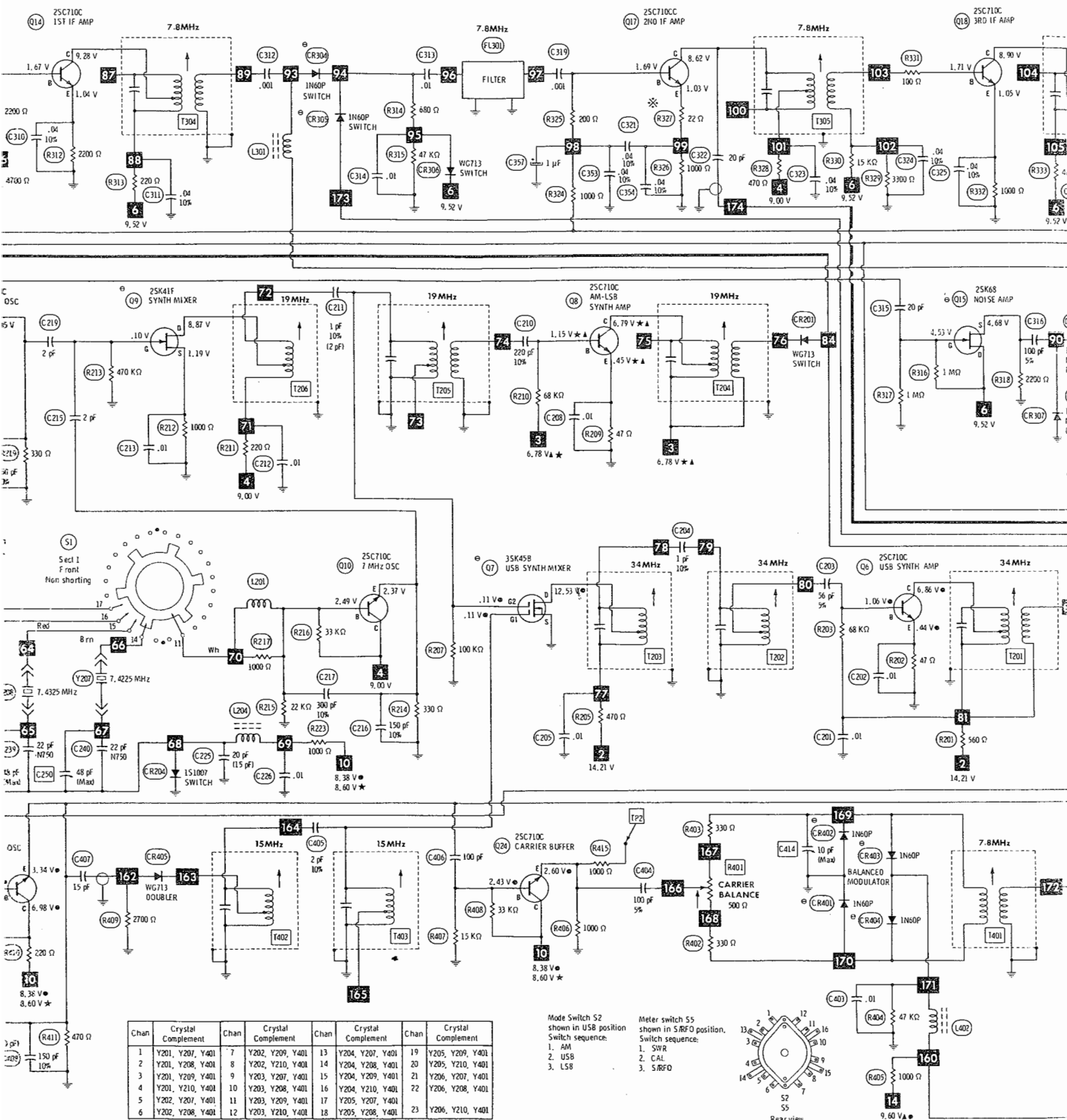
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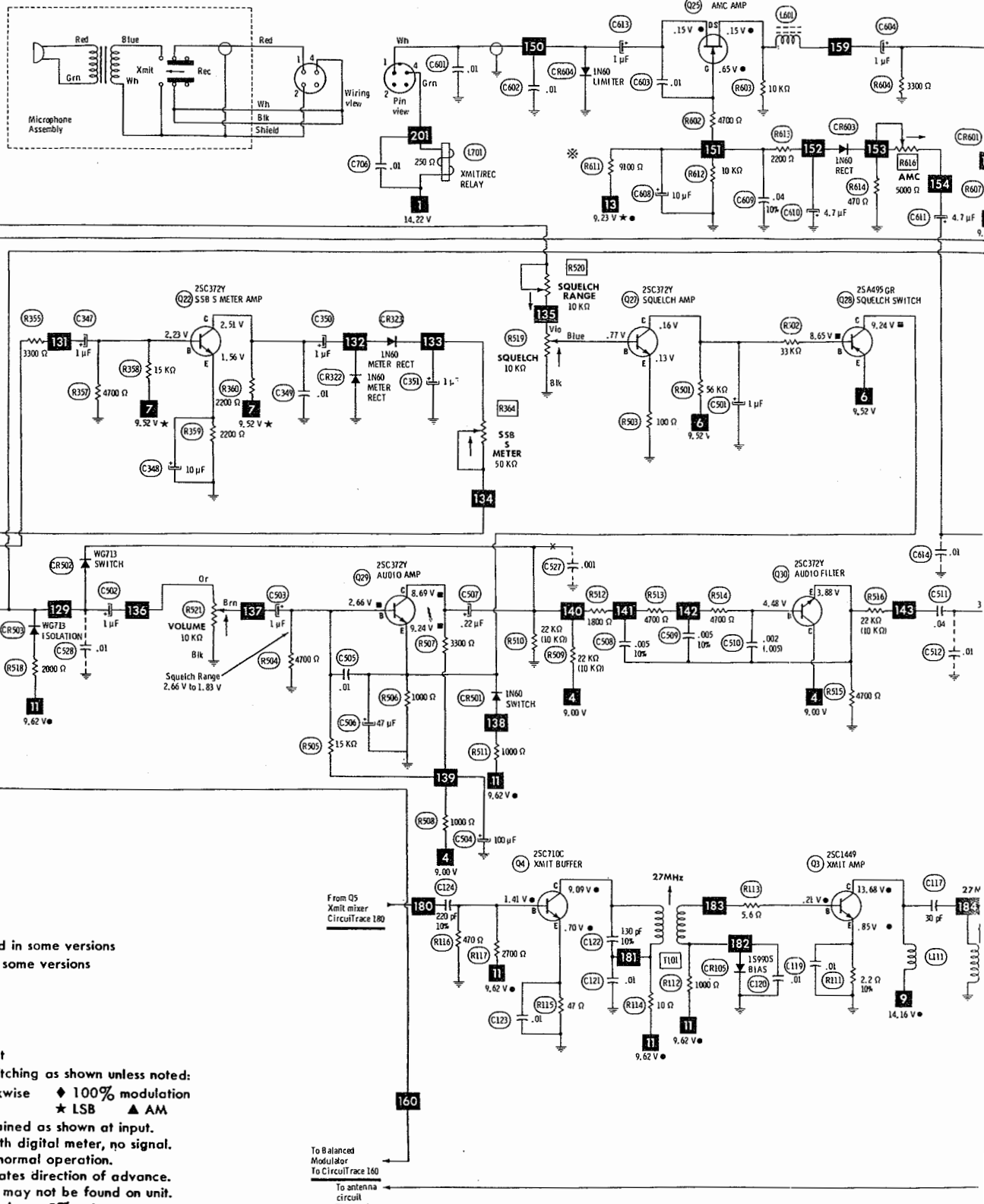
MAIN BOARD











✱ Circuitry not used in some versions

--- Circuitry used in some versions

⊙ See parts list

✱ Nominal value

⊥ Ground

⏏ Chassis

▽ Common tie point

Measurements with switching as shown unless noted:

■ Squelch fully clockwise ♦ 100% modulation

● Transmit ★ LSB ▲ AM

Supply voltage maintained as shown at input.

Voltages measured with digital meter, no signal.

Controls adjusted for normal operation.

Arrow at control indicates direction of advance.

Terminal identification may not be found on unit.

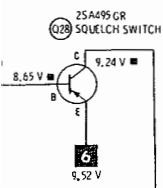
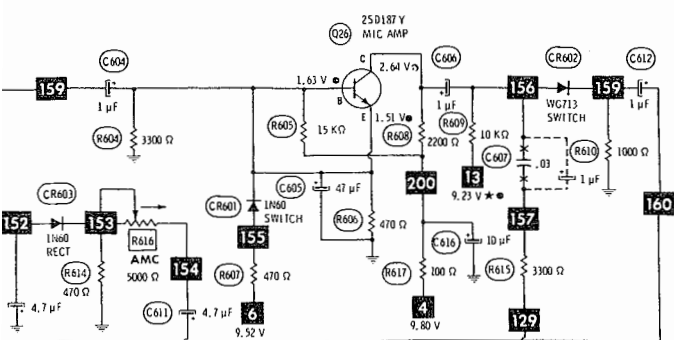
Resistors are 1/2W or less, 5% unless noted.

Value in () used in some versions.

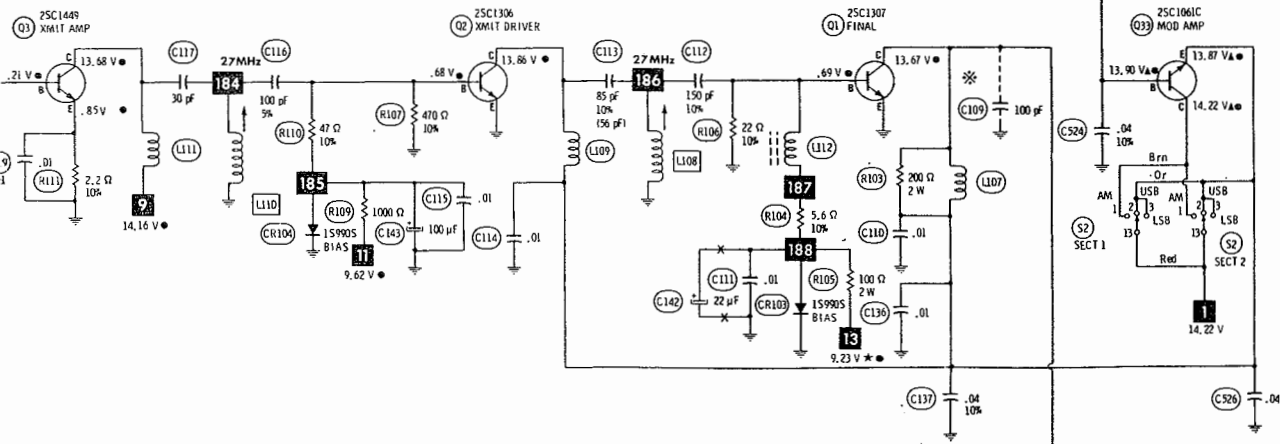
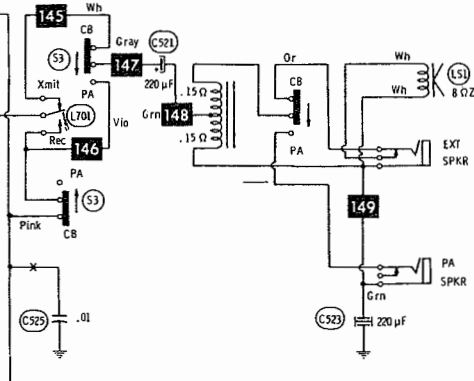
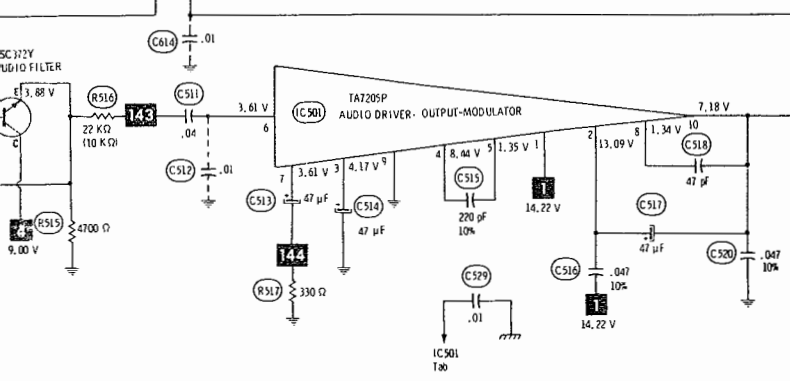
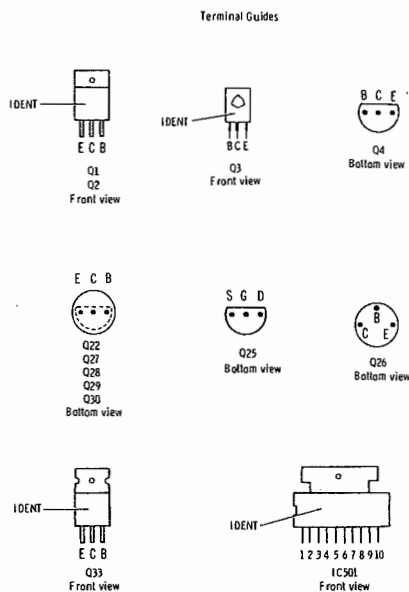
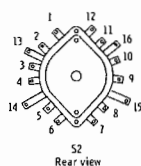
A PHOTOFAC STANDARD NOTATION SCHEMATIC

WITH **CIRCUITRACE**®

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Mode Switch S2
Shown in USB
position Switch
Sequence:
1. AM
2. USB
3. LSB



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.
CR101	10D-4	IP20-0022	GE-504A	5A4D	PTC201	HEPR0053	RE 49	SK3016	RT-214	ECG116
CR102	10D-4	IP20-0022	GE-504A	5A4D	PTC201	HEPR0053	RE 49	SK3016	RT-214	ECG116
CR103	1S990S	IP20-0018								
CR104	1S990S	IP20-0018								
CR105	1S990S	IP20-0018								
CR106	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR107	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR108	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR109	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR110	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR201	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR202	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR203	ITT310	IP20-0151	GE-90	D201		HEPR2503	RE 195	SK3126	RT-262	
CR204	1S1007	IP20-0020	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
CR205	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR206	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR301	1S2472	IP20-0021	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR302	1S2472	IP20-0021	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR303	1S1007	IP20-0020	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
CR304	1N60P	IP20-0016	1N60(7)	1N60 (7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)
CR305	1N60P	IP20-0016								
CR306	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR307	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR308	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR309	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR310	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR311	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR312	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR313	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR314	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR315	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR316	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR317	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR318	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR319	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR320	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR321	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR322	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR323	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR325	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR401	1N60P	IP20-0016	1N60(7)	1N60 (7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)
CR402	1N60P	IP20-0016								
CR403	1N60P	IP20-0016	1N60(7)	1N60 (7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)
CR404	1N60P	IP20-0016								
CR405	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR501	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR502	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR503	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR601	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR602	WG713	IP20-0145	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
CR603	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR604	1N60	IP20-0060	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
CR701	1N4004	IP20-0025	GE-504A	5A4D	PTC201	HEPR0053	RE 49	SK3016	RT-214	ECG116
CR702	BZ090	IP20-0019	GEZD-9.1		ZB9.18		RE 114		RT-240	ECG139
CR703	BZ090	IP20-0019	GEZD-9.1		ZB9.18		RE 114		RT-240	ECG139
CR704	BZ090	IP20-0019	GEZD-9.1		ZB9.18		RE 114		RT-240	ECG139
IC501	TA7205P	IP20-0161	GEIC-179		PTC780					ECG1155
Q1	2SC1307	IP20-0154(10)	GE-216		PTC186		RE 201	SK3197	RT-158	ECG236
Q2	2SC306	IP20-0155(11)	GE-215		PTC186		RE 203	SK3197	RT-175	ECG235
Q3	2SC449T	IP20-0156(12)	GE-57	TR-55	PTC180	HEPS5000	RE 40	SK3054	RT-194	ECG184
Q4	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q5	3SK45B	IP20-0157	GE-FET-4	(IR)2SC710	PTC181	HEPF2004	RE 199	SK3050	RT-181	ECG222
Q6	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q7	3SK45B	IP20-0157	GE-FET-4	(IR)2SC710	PTC181	HEPF2004	RE 199	SK3050	RT-181	ECG222
Q8	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q9	2SK41F		GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
	2SK196R	IP20-0012(1)	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
Q10	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q11	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q12	2SC710B	IP20-0001	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q13	3SK45B	IP20-0157	GE-FET-4	(IR)2SC710	PTC181	HEPF2004	RE 199	SK3050	RT-181	ECG222
Q14	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q15	2SK68		GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
	2SK30	IP20-0078(1)	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-176	ECG312
	2SK40	IP20-0162(1)	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-176	ECG312
Q16	2SK68		GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
	2SK30	IP20-0078(1)	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-176	ECG312
	2SK40	IP20-0162(1)	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-176	ECG312
Q17	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q18	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q19	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q20	2SK34E		GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-176	ECG312
	2SK196R	IP20-0012(1)	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312
Q21	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q22	2SC372Y	IP20-0006	GE-61	(IR)2SC372	PTC121	HEPS0015	RE 13	SK3122	RT-308	ECG123A
Q23	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q24	2SC710C	IP20-0002	GE-211	(IR)2SC710	PTC115	HEPS0016	RE 13	SK3018	RT-308	ECG123A
Q25	2SK30AY	IP20-0078	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-176	ECG312
	2SK40	IP20-0162(1)	GE-FET-2	FE-100	PTC161	HEPF0021	RE 45	SK3116	RT-176	ECG312

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.
Q26	2SD187Y	IP20-0160	GE-59	TR-08	PTC134	HEPG0011	RE 6	SK3010	RT-129	ECG103A
Q27	2SC372Y	IP20-0006	GE-61	(IR)2SC372	PTC121	HEPS0015	RE 13	SK3122	RT-300	ECG123A
Q28	2SA495GR	IP20-0159	GE-221	(IR)2SA495	PTC103	HEPS0013	RE 26	SK3114	RT-303	ECG159
Q29	2SC372Y	IP20-0006	GE-61	(IR)2SC372	PTC121	HEPS0015	RE 13	SK3122	RT-308	ECG123A
Q30	2SC372Y	IP20-0006	GE-61	(IR)2SC372	PTC121	HEPS0015	RE 13	SK3122	RT-308	ECG123A
Q33	2SC1061C	(13)	GE-66	TR-76	PTC154	HEPS5027	RE 21	SK3054	RT-197	ECG152

(1) Used in some versions.

(6) Matched pair.

(7) Two required - select matched pair.

(10) Rating, 25 Watts @ 8.0 Amp.

(11) Rating, 12 Watts @ 3.0 Amp.

(12) Rating, 5.0 Watts @ 3.0 Amp.

(13) Rating, 25 Watts @ 3.0 Amp.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA			
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C132	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C142	22 16V	IP22-0042	PC25-25	VTT22A16	EV-1224
C143	100 16V	IP22-0008	PC100-16	VTT100F16	EV-1230
C318	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C320	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C334	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C338	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C347	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C348	10 16V	IP22-0004	PC10-25	VTT10A25	EV-1222
C350	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C351	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C352	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C357	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C501	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C502	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C503	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C504	100 16V	IP22-0008	PC100-16	VTT100F16	EV-1230
C506	47 16V	IP22-0006	PC50-16	VTT47D16	EV-1226
C507	.22 50V	IP22-0044		TDC224M050EL	SD50-R229
C513	47 16V	IP22-0006	PC50-16	VTT47D16	EV-1226
C514	47 16V	IP22-0006	PC50-16	VTT47D16	EV-1226
C517	47 16V	IP22-0006	PC50-16	VTT47D16	EV-1226
C519	470 16V	IP22-0010	PC500-16	VTT470J16	EV-1250
C521	220 16V	IP22-0009	PC250-25	VTT220G16	EV-1240
C523	220 16V NP				
C604	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C605	47 16V	IP22-0006	PC50-16	VTT47D16	EV-1226
C606	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C608	10 16V	IP22-0004	PC10-25	VTT10A25	EV-1222
C610	4.7 25V	IP22-0003	PC5-50	VTT47A50	EV-1319
C611	4.7 25V	IP22-0003	PC5-50	VTT47A50	EV-1319
C612	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C613	1 50V	IP22-0001	PC1-50	VTT1B63	EV-1615
C616	10 16V	IP22-0004	PC10-25	VTT10A25	EV-1222
C617	1	IP22-0001	PC1-50	VTT1B63	EV-1615
C702	2200 16V	IP22-0023	WBR2000-16	MTA2000G15	TVA-1170
C703	220 16V	IP22-0009	PC250-25	VTT220G16	EV-1240
C704	470 16V	IP22-0010	PC500-16	VTT470J16	EV-1250
C705	220 16V	IP22-0009	PC250-25	VTT220G16	EV-1240

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CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C001	.01		UK50-103		MAG5011	
C002	.01		UK50-103		MAG5011	
C003	.047				MAG5015	
C004	.01		UK50-103		MAG5011	
C005	.01		UK50-103		MAG5011	
	.047				MAG5015	
C006	.01		UK50-103		MAG5011	
C007	.047		UK50-503		MAG5015	
C008	.01		UK50-103		MAG5011	
C009	.01		UK50-103		MAG5011	
C101	65 10%			CD15ED680J03	SX468	MWA-680
C102	.001		DD-102G	GP1000	GP210	5GA-D10
C103	100 5%			CD15FD101J03	SX310	MWA-101
C104	.01		UK50-103		MAG5011	
C105	2			CD020D03		
C106	400 5%			CD15FD391J03	SX339	MWA-391
C107	10			CD15CD100J03		MWA-100
C108	220 10%			CD15FD221J03	SX322	MWA-221
C109	100			CD15FD101J03	SX310	MWA-101

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.
C110	.01	IP22-0045	UK50-103		MAG5011	
C111	.01		UK50-103		MAG5011	
C112	150 10%			CD15FD151J03	SX315	MWA-151
C113	85 10%			CD15ED820J03	SX482	MWA-820
C114	.01		UK50-103		MAG5011	
C115	.01		UK50-103		MAG5011	
C116	100 5%			CD15FD101J03	SX310	MWA-101
C117	30			CD15ED300J03	SX430	MWA-300
C118	.01		UK50-103		MAG5011	
C119	.01		UK50-103		MAG5011	
C120	.01		UK50-103		MAG5011	
C121	.01		UK50-103		MAG5011	
C122	130 10%			CD15FD131J03	SX313	MWA-131
C123	.01		UK50-103		MAG5011	
C124	220 10%			CD15FD221J03	SX322	MWA-221
C125	1 10%					
C126	.01		UK50-103		MAG5011	
C127	.01		UK50-103		MAG5011	
C128	100 5%			CD15FD101J03	SX310	MWA-101
C129	20			CD15ED200J03	SX420	MWA-200
C130	100 5%			CD15FD101J03	SX310	MWA-101
C131	.01		UK50-103		MAG5011	
C133	100 5%			CD15FD101J03	SX310	MWA-101
C134	.01		UK50-103		MAG5011	
C135	.1 10%			WMF05P1	EWFO5010	431P1049R5
C136	.01		UK50-103		MAG5011	
C137	.04				M192P3939R8	192P3939R8
C138	.01		UK50-103		MAG5011	
C139	.01		UK50-103		MAG5011	
C140	.01		UK50-103		MAG5011	
C141	10					
C144	.01		UK50-103		MAG5011	
C145	.01		UK50-103		MAG5011	
C146	.01		UK50-103		MAG5011	
C147	.01		UK50-103		MAG5011	
C148	.01		UK50-103		MAG5011	
C201	.01		UK50-103		MAG5011	
C202	.01		UK50-103		MAG5011	
C203	56 5%			CD15ED560J03	SX456	MWA-560
C204	1 10%					
C205	.01		UK50-103		MAG5011	
C206	.01		UK50-103		MAG5011	
C207	.01		UK50-103		MAG5011	
C208	.01		UK50-103		MAG5011	
C209	.01		UK50-103		MAG5011	
C210	220 10%			CD15FD221J03	SX322	MWA-221
C211	1 10%					
C212	.01		UK50-103		MAG5011	
C213	.01		UK50-103		MAG5011	
C214	.1 10%			WMF05P1	EWFO5010	431P1049R5
C215	2			CD020003		
C216	150 10%			CD15FD151J03	SX315	MWA-151
C217	300 10%			CD15FD301J03	SX330	MWA-301
C218	.01		UK50-103		MAG5011	
C219	2			CD020003		
C220	150 10%			CD15FD151J03	SX315	MWA-151
C221	300 10%			CD15FD301J03	SX330	MWA-301
C222	.001		DD-102G	GP1000	GP210	5GA-D10
C223	.01		UK50-103		MAG5011	
C224	.01		UK50-103		MAG5011	
C225	20			CD15ED200J03	SX420	MWA-200
	15			CD15CD150J03		MWA-150
C226	.01		UK50-103		MAG5011	
C227	.039 10%			CD15ED560J03	M192P3939R8	192P3939R8
C228	56 10%				SX456	MWA-560
C229	.01		UK50-103		MAG5011	
C230	.01		UK50-103		MAG5011	
C231	30 N750	IP22-0021				10TCU-Q30
C232	30 N750					10TCU-Q30
C233	30 N750					10TCU-Q30
C234	30 N750					10TCU-Q30
C235	30 N750					10TCU-Q30
C236	30 N750					10TCU-Q30
C237	22 N750		DTN-22	N22	CN7422	10TCU-Q22
C238	22 N750		DTN-22	N22	CN7422	10TCU-Q22
C239	22 N750		DTN-22	N22	CN7422	10TCU-Q22
C240	22 N750		DTN-22	N22	CN7422	10TCU-Q22
C241	35					
C242	35					
C243	35					
C244	35					
C245	35					
C246	35					
C247	48					
C248	48					
C249	48					

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.
C250	48	IP22-0046				10TCU-Q30
C251	30 N750					10TCU-Q30
C252	30 N750					10TCU-Q30
C253	30 N750					10TCU-Q30
C254	30 N750					10TCU-Q30
C255	30 N750					10TCU-Q30
C256	30 N750					10TCU-Q30
C301	.001		DD-102G	GP1000	GP210	5GA-D10
C302	.01		UK50-103		MAG5011	
C303	.01		UK50-103		MAG5011	
C304	.01		UK50-103		MAG5011	
C305	85 10%			CD15ED820J03	SX482	MWA-820
C306	100 5%			CD15FD101J03	SX310	MWA-101
C307	.01		UK50-103		MAG5011	
C308	.01		UK50-103		MAG5011	
C309	100 5%			CD15FD101J03	SX310	MWA-101
C310	.04 10%				M192P3939R8	192P3939R8
C311	.04 10%				M192P3939R8	192P3939R8
C312	.001		DD-102G	GP1000	GP210	5GA-D10
C313	.01		UK50-103		MAG5011	
C314	.01		UK50-103		MAG5011	
C315	20			CD15ED200J03	SX420	MWA-200
C316	100 5%			CD15FD101J03	SX310	MWA-101
C317	.001		DD-102G	GP1000	GP210	5GA-D10
C319	.001		DD-102G	GP1000	GP210	5GA-D10
C321	.039 10%				M192P3939R8	192P3939R8
C322	20			CD15ED200J03	SX420	MWA-200
C323	.04				M192P3939R8	192P3939R8
C324	.04 10%				M192P3939R8	192P3939R8
C325	.039 10%				M192P3939R8	192P3939R8
C326	.04 10%				M192P3939R8	192P3939R8
C327	.04 10%				M192P3939R8	192P3939R8
C328	.04				M192P3939R8	192P3939R8
C329	47			CD15ED470J03	SX447	MWA-470
C330	4.7			CD15CD050D03		MWA-050
C331	4.7			CD15CD050D03		MWA-050
C332	.001		DD-102G	GP1000	GP210	5GA-D10
C333	.01		UK50-103		MAG5011	
C335	.1 10%			WMF05P1	EWFO5010	431P1049R5
C336	.01		UK50-103		MAG5011	
C337	1			CD15C0010D03		MWA-010
C339	.01		UK50-103		MAG5011	
C340	.04 10%				M192P3939R8	192P3939R8
C341	.04 10%				M192P3939R8	192P3939R8
C342	.04 10%				M192P3939R8	192P3939R8
C343	.04 10%				M192P3939R8	192P3939R8
C344	100 10%			CD15FD101J03	SX310	MWA-101
C345	.1 10%			WMF05P1	EWFO5010	431P1049R5
C346	.04 10%				M192P3939R8	192P3939R8
C349	.01		UK50-103		MAG5011	
C353	.04 10%				M192P3939R8	192P3939R8
C354	.04 10%				M192P3939R8	192P3939R8
C355	.04 10%				M192P3939R8	192P3939R8
C356	.04 10%				M192P3939R8	192P3939R8
C358	.04 10%				M192P3939R8	192P3939R8
C359	.01 10%		UK50-103		MAG5011	
C360	.039 10%				M192P3939R8	192P3939R8
C361	.04				M192P3939R8	192P3939R8
C362	.04 10%				M192P3939R8	192P3939R8
C364	.01		UK50-103		MAG5011	
C401	.001		DD-102G	GP1000	GP210	5GA-D10
C402	.01		UK50-103		MAG5011	
C403	.01		UK50-103		MAG5011	
C404	100 5%			CD15FD101J03	SX310	MWA-101
C405	2 10%					
C406	100 5%			CD15FD101J03	SX310	MWA-101
C407	15			CD15CD150J03		MWA-150
C408	150 10%			CD15FD151J03	SX315	MWA-151
C409	510 10%			CD15FD511J03	SX351	MWA-511
C410	22 N750		DTN-22	N22	CN7422	10TCU-Q22
	30 N750					10TCU-Q30
C411	20	IP22-0045 IP22-0020		CD15ED200J03	SX420	MWA-200
C412	.01		UK50-103		MAG5011	
C413	.04				M192P3939R8	192P3939R8
C414	10					
C415	20		UK50-103		MAG5011	
C505	.01	IP22-0033	UK50-103		MAG5011	
C508	.005			WMF1D5	EWFI1A250	
C509	.005			WMF1D5	EWFI1A250	
C510	.005			WMF1D5	EWFI1A250	
C511	.04		UK50-103		M192P3939R8	192P3939R8
C512	.01	IP22-0033		CD15FD221J03	MAG5011	
C515	220 10%				SX322	MWA-221
C516	.047			CD15ED470J03	SX447	192P4739R8
C518	47					MWA-470
C520	.047 10%				M192P3939R8	192P4739108
C524	.04 10%	IP22-0033	UK50-103		MAG5011	192P3939R8
C525	.01		UK50-103		MAG5011	
C526	.01		DD-102G	GP1000	GP210	5GA-D10
C527	.001					

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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.
C528	.01		UK50-103		MAG5011	
C529	.01		UK50-103		MAG5011	
C601	.01		UK50-103		MAG5011	
C602	.01		UK50-103		MAG5011	
C603	.01		UK50-103		MAG5011	
C607	.03				M192P3339R8	192P3339R8
C609	.039 10%				M192P3939R8	192P3939R8
C614	.01		UK50-103		MAG5011	
C615	.01		UK50-103		MAG5011	
C701	.001					
C706	.01		UK50-103		MAG5011	

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
R129	Meter	100K	IP24-0002	T-100K (2)	C-104 (2)	MTC15L1 (2)	X201R104B (2)
R130	ALC	10K	IP24-0003	T-10K	C-103	MTC14L1	X201R103B
R227	Rec Clarifier Range	10K	IP24-0005	T-10K (2)	C-103 (2)	MTC14L1 (2)	X201R103B (2)
R228	Xmit Clarifier Range	100K	IP24-0013	T-100K	C-104	MTC15L1	X201R104B
R229	Clarifier	10K	IP24-0001				
R361	AGC	5000	IP24-0035	T-5000 (2)	C-502 (2)	MTC53L1 (2)	X201R502B (2)
R362	RF Gain	5000	IP24-0036				
R363	S Meter	10K	IP24-0005	T-10K (2)	C-103 (2)	MTC14L1 (2)	X201R103B (2)
R364	SSB S Meter	50K	IP24-0015	T-50K (2)	C-503 (2)	MTC54L1 (2)	X201R503B (2)
R401	Carrier Balance	500					
	Carrier Balance	500	IP24-0023 (6)	T-500	C-501	MTC52L1	X201R501B
R519	Squelch	10K	IP24-0017				
R521	Volume/Switch	10K					
R521	Volume	10K	IP24-0001 (6)				
R520	Squelch Range	50K	IP24-0015	T-50K (2)	C-503 (2)	MTC54L1 (2)	X201R503B (2)
R616	AMC	1000	IP24-0007	T-1000 (2)	C-102 (2)	MTC13L1 (2)	X201R102B (2)

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

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

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L101	TVI Trap (54MHz)	IP21-0071			
L102	Ant Load (.22uH)	IP21-0098			
L103	RF Choke (150uH)	IP21-0074			
L104	RF Choke (150uH)	IP21-0074			
L105	RF Choke	IP21-0206			
L106	Final Tank (27MHz)	IP21-0095			
L107	RF Choke (.22uH)	IP21-0098			
L108	Xmit Driver (27MHz)	IP21-0205			
L109	RF Choke (.65uH)	IP21-0071			
L110	Xmit Amp (27MHz)	IP21-0071			
L111	RF Choke (.65uH)	IP21-0071			
L112	RF Choke (1.2uH)	IP21-0179			
L201	RF Choke (5.5uH)	IP21-0101			
L202	RF Choke (8.2uH)	IP21-0180			
L203	RF Choke (470uH)	IP21-0195			
L204	Pi Filter (470uH)	IP21-0195			
L301	RF Choke (470uH)	IP21-0195			
L302	RF Choke (150uH)	IP21-0074			
L401	RF Choke (150uH)	IP21-0074			
L402	RF Choke (.22uH)	IP21-0072			
L601	RF Choke				
T101	Xmit Buffer (27MHz)	IP21-0093			
T102	Harmonic Suppressor (27MHz)	IP21-0084	C182ZT		
T103	Xmit Mixer (27MHz)	IP21-0083			
T201	USB Synth Amp (34MHz)	IP21-0207	Z287AT5725		
T202	Harmonic Suppressor (34MHz)	IP21-0208			
T203	USB Synth Mixer (34MHz)	IP21-0209	Z285IT5712		
T204	Synth Amp (19MHz)	IP21-0210	Z284AT5712		
T205	Harmonic Suppressor (19MHz)	IP21-0087	Z188AT5712		

PARTS LIST AND DESCRIPTION (CONTINUED)

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

COILS (RF-IF) (cont)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
T206	Synth Osc (19MHz)	IP21-0211	C200Z5632		
T301	Rec. Ant (27MHz)	IP21-0091			
T302	Rec. RF (27MHz)	IP21-0212			
T303	Rec. Mixer (7.8MHz)	IP21-0085	S183AT5712		
T304	Rec. IF (7.8MHz)	IP21-0085	S183AT5025		
T305	Rec. IF (7.8MHz)	IP21-0085	S183AT5712		
T306	Rec. IF (7.8MHz)	IP21-0085	S183AT5712		
T307	Rec. IF (7.8MHz)	IP21-0089	S183AT5712		
T401	Balance Mod (7.8MHz)	IP21-0092	S111DT5722		
T402	Carrier Osc (.5MHz)	IP21-0078			
T403	Harmonic Suppressor (15MHz)	IP21-0078	Z176IT5735		

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T701	2.5A	12	2.5mH	IP21-0112 K-18 (1)	TR555		(1) Number on Unit.

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T501	8	8	IP21-0186 L57 (1)	TR765		(1) Number on Unit.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP1	2 3/4" PM 8 Ohms	IP29-0017	27A05Z8	

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA					
		PART No.		BUSS PART No.		LITTELFUSE PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER
F701	4Amp Fast Acting			MTH4	HDJ	312004	150145

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC CONNECTOR	GC Red	GC Shield	GC Yellow	GC Blue	GC White	GC Black
MIC	IP29-0016	18-032	18-034	18-010	18-092	1	2	4	NC	NC	2

PAGE MODEL SIDETALK 1000M

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CRYSTALS

ITEM No.	CRYSTAL FREQUENCY IN MHz	MFGR. PART No.	CTS KNIGHTS PART No.	CHANNEL	ITEM No.	CRYSTAL FREQUENCY IN MHz	MFGR. PART No.	CTS KNIGHTS PART No.	CHANNEL
Y201	11.740	IP-31-0058	AYA42M11.740	1,2,3,4	Y207	7.4225	IP-31-0064	AYB130M7.4225	1,5,9,13,17,21
Y202	11.790	IP-31-0059	AYA42M11.790	5,6,7,8	Y208	7.4325	IP-31-0065	AYB130M7.4325	2,6,10,14,18,22
Y203	11.840	IP-31-0060	AYA42M11.840	9,10,11,12	Y209	7.4425	IP-31-0066	AYB130M7.4425	3,7,11,15,19
Y204	11.890	IP-31-0061	AYA42M11.890	13,14,15,16	Y210	7.4625	IP-31-0067	AYB130M7.4625	4,8,12,16,20,23
Y205	11.940	IP-31-0062	AYA42M11.940	17,18,19,20	Y401	7.8025	IP-31-0068	AYC32M7.8025	CARRIER OSC
Y206	11.990	IP-31-0063	AYA42M11.990	21,22,23					

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
FL301	Filter	IP31-0047	7.8MHz
K1	Relay	IP-32-005	Xmit/Rec (12V DC)
M1	Meter	IP27-007	S/RF
S1	Switch	IP25-0037	Channel Selector
S2	Switch	IP25-0038	Mode
S3	Switch	IP25-0034	PA/CB
S4	Switch	IP25-0036	NB/On-Off
YH1	Holder	IP34-0004	(12 Crystal)

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

ITEM	PART No.	ITEM	PART No.
Bezel	IP30-0119	Knob, Mode, Clarifier, RF Gain	IP30-0094
Cover, Lower	IP30-0121	Knob, Inner - Volume	IP30-0092
Cover, Upper	IP30-0120	Knob, Outer - Squelch	IP30-0093
Dial, Channel	IP30-0122	Panel, Front	IP30-0128

WIRING DATA

General-use Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
	8524 (Stranded) Available in 12 Colors
Power Cord, 2-Wire	Use BELDEN No. 17106 (Plastic) or 17126 (Rubber) -6 feet
	17109 (Plastic) or 17129 (Rubber) -9 feet
Shielded Antenna Lead	Use BELDEN No. 8214 Lowest-loss (RG-8/U Type)
	8237 Low-loss (RG-8/U)
	8240 (Solid) Miniature (RG-58/U)
	8259 (Stranded) Miniature (RG-58A/U)
Coiled Microphone Cable	Use BELDEN No. 8497 3-Conductor (1 shielded for Press-to-Talk) Neoprene
	8491 4-Conductor (2 shielded, 2 unshielded) Neoprene