

PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

ONLY THOSE PERSONS PROPERLY LICENSED ARE PERMITTED TO MAKE REPAIRS OR ADJUSTMENTS WHICH MAY RESULT IN ILLEGAL OPERATION. (REFER TO FCC RULES AND REGULATIONS PART 95, SUBPARTS 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 LTD

ALIGNMENT INSTRUCTIONS

Suggested Alignment Tools:	GC ELECTRONICS
L2, L5, L6, T14.....	#9440
ALL Others.....	#5000, #8290
ALL TRIMMERS.....	#8290

BROWNING MODEL LTD

SYNTHESIZER

INDICATOR	CHANNEL	ADJUST	FREQUENCY	REMARKS
Frequency Counter	1	C320	6.000MHz	Short TP301 to ground (TP304). Connect Counter to TP302, common to ground. Set Mode selector to USB or LSB.
	2	C318	6.010MHz	
	3	C316	6.020MHz	
	4	C314	6.040MHz	
	1	C312	15.965MHz	Remove short from TP301. Disconnect S1a main contact wire from YGR on PC board. Set Mode selector to USB or LSB.
	5	C310	16.015MHz	
	9	C308	16.065MHz	
	13	C306	16.115MHz	
	17	C304	16.165MHz	
	21	C302	16.215MHz	
		L301	12.8023MHz	Connect Counter from TP302 to TP303. Set Mode selector to USB. Delta TUNE maximum clockwise.
		R327	12.7977MHz	Mode selector to LSB. Delta TUNE maximum counterclockwise.
		R325	12.8007MHz	Mode selector to USB. Delta TUNE maximum counterclockwise.
		R323	12.7993MHz	Mode selector to LSB. Delta TUNE maximum clockwise.

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

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SYNTHESIZER(cont)

INDICATOR	CHANNEL	ADJUST	FREQUENCY	REMARKS
Oscilloscope (Usable to 30MHz)		T301, T302		Connect S1a to YGR on PC board. Remove counter from TP303, short TP305 to ground. Connect scope to TP303, common to ground. Adjust for maximum.
		T303, T304, T305		Remove scope from TP303. Remove short on TP305. Connect scope to TP"A". Adjust for maximum.

RECEIVER

Connect an AC VTVM or AF Wattmeter across speaker voice coil.
These adjustments are made with 14 volt DC input.
Adjust volume control to obtain a suitable reading.

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
High side thru a .01 uF cap to TP7, low side to TP6.	455kHz, 1000Hz @ 30% Modulation, Output 10uV	Any	T12, T13	Adjust for maximum.
High side thru a .01uF cap to Base of Q9, low side to ground.	7.8MHz, 1000Hz @ 30% modulation, output 3uV	Any	T10, T11	Adjust for maximum.
High side thru a .01uF cap to Antenna Jack, low side to ground.	27.085MHz, 1000Hz @ 30% modulation, output 0.5uV	Any	T7, T8, T9	Adjust for maximum.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF Wattmeter across speaker voice coil.
Adjustments are made with 14 volt DC input.
Adjust volume control to obtain suitable reading.

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
AGC High side thru a .01uF capacitor to Antenna Jack, low side to ground.	27.085MHz 1000Hz @ 30% Modulation output 100,000uV	11	* No Adjustment	Set mode switch to AM. Adjust volume control to obtain 0dB. Decrease generator to 10uV. Signal should not drop more than 6dB. * If so check AGC Circuits.
SQUELCH RANGE High side thru a .01uF capacitor to Antenna Jack, low side to ground.	27.085MHz, 1000Hz @ 30% Modulation output 300uV	11	R160	Set squelch control fully clockwise. Adjust so that squelch just breaks.
"S" METERS High side thru a .01uF capacitor to Antenna Jack, low side to ground.	27.085MHz, 1000Hz @ 30% Modulation output 100uV	11	R67 (AM) R131 (SSB)	Set mode switch to AM-SSB. Adjust for "S9" on panel "S" meter.

TRANSMITTER

Connect an RF Wattmeter or 50 ohm 25 watt dummy load to antenna connector.
Adjustments are made with 14 volt DC input.

SSB

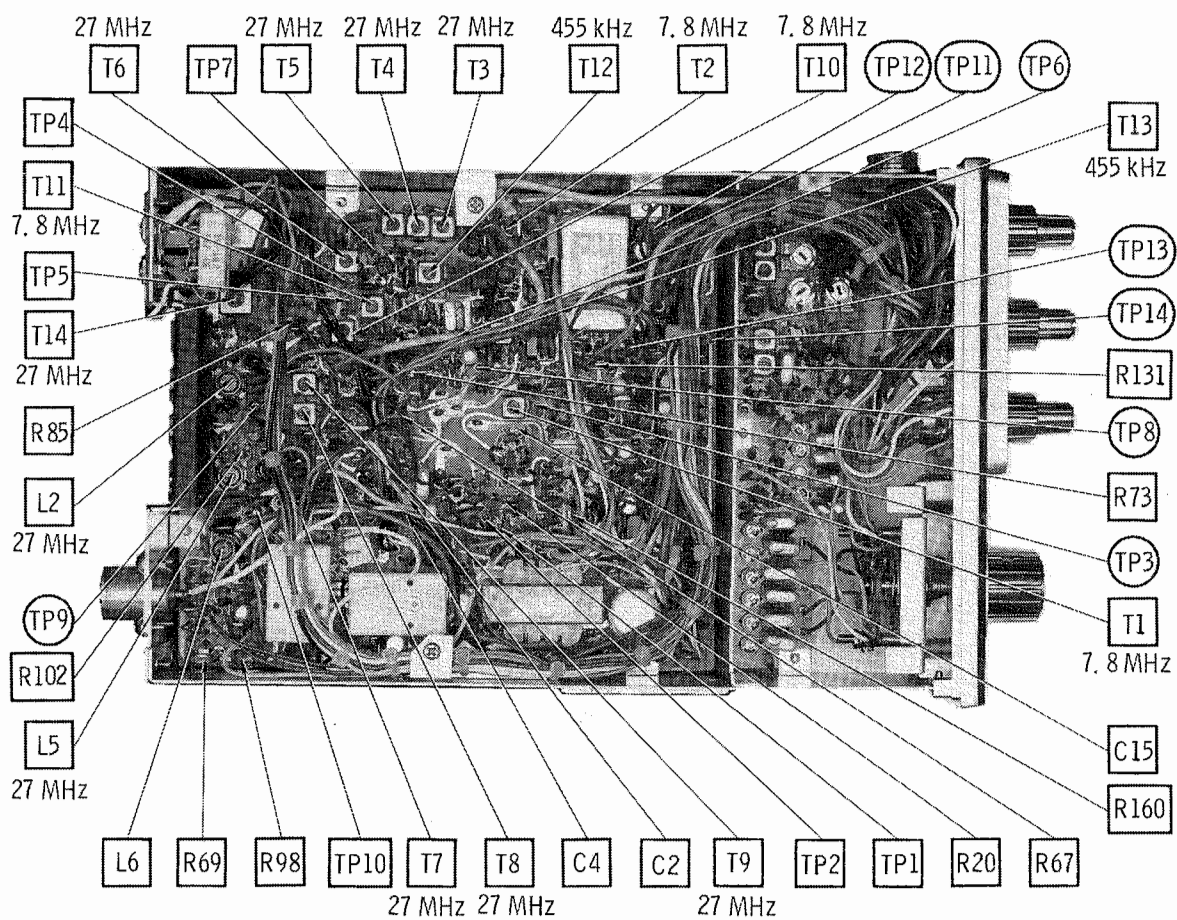
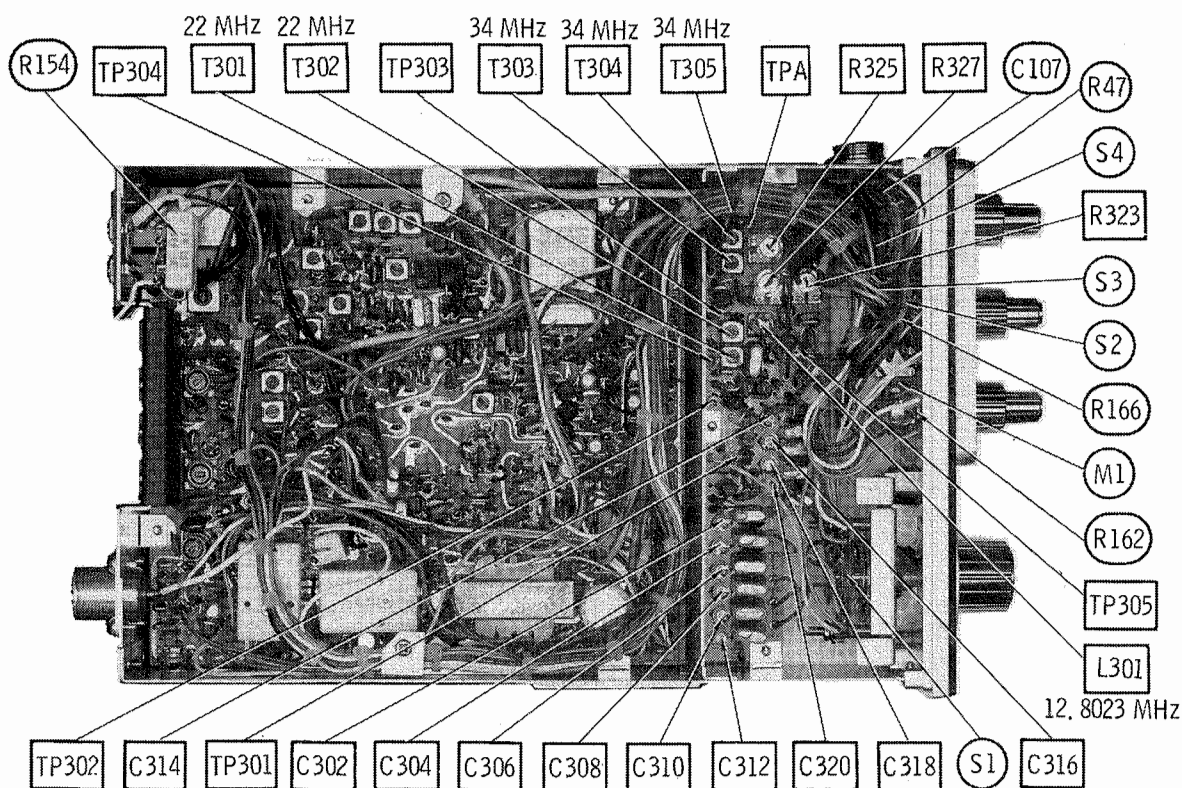
INDICATOR	ADJUST	REMARKS
USB CARRIER OSC. Frequency Counter	C4	Connect frequency counter to TP1 and common to ground (TP2). Set mode switch to USB. Adjust for frequency of 7.8015MHz.
LSB CARRIER OSC. Frequency Counter	C2	Connect frequency counter to TP1 and common to ground (TP2). Set mode switch to LSB. Adjust for frequency of 7.7985MHz.
CARRIER BALANCE Oscilloscope	R20, C15	Short microphone input to ground. Set Mode switch to either USB or LSB. Key transmitter and adjust for MINIMUM indication on scope. Output voltage should be less than 0.6V p-p.
SSB EXCITER Oscilloscope (Response to 30MHz)	T1, T2, T3, T4, T5, T6, T14	Remove jumper at TP4, connect oscilloscope between TP4 and TP5. Set channel selector to 11. Set Mode switch to either USB or LSB. Connect Audio signal generator to input terminal of microphone connector. Inject a 1kHz 3mV signal. Key transmitter and adjust for maximum. After T6 has been adjusted for maximum, rotate 3 full turns clockwise. Reconnect TP4.
FINAL BIAS 0-10mA DC Milliammeter	R102	Remove jumper at TP10, connect meter to L4 and B+. Short microphone input. Key transmitter. Adjust bias for 4mA.

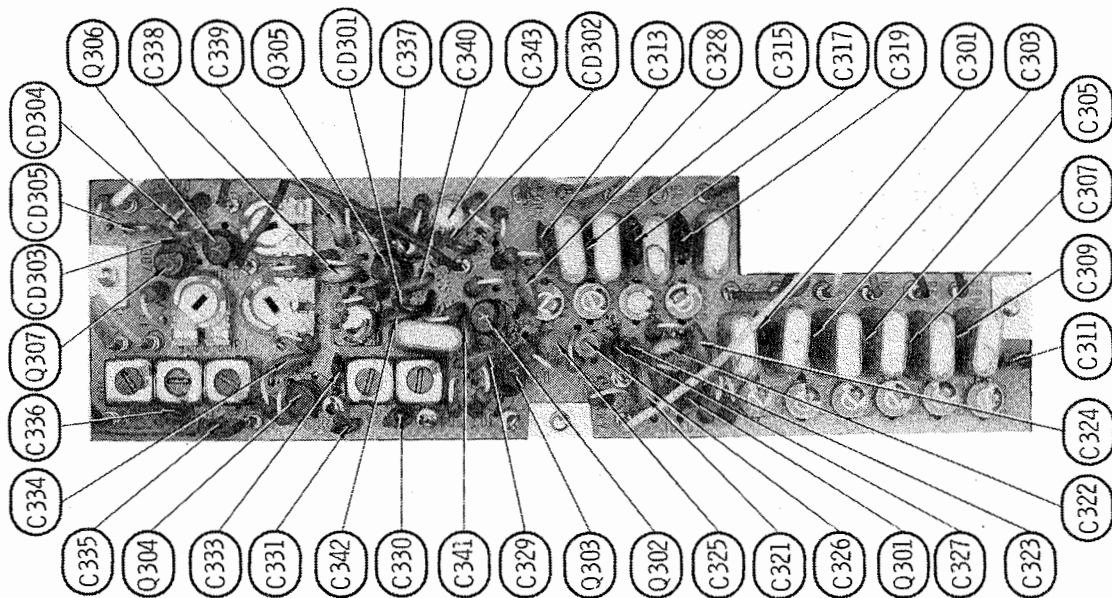
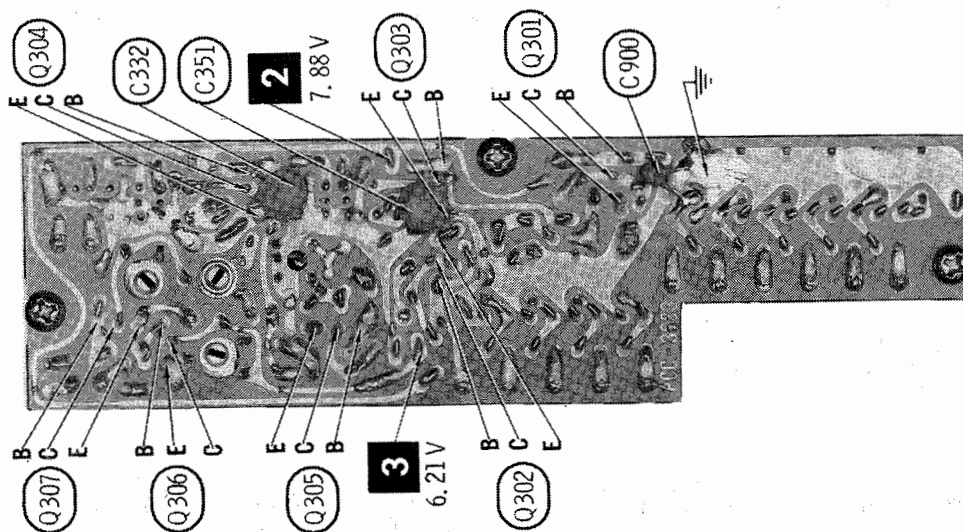
BROWNING MODEL LTD

TRANSMITTER ADJUSTMENTS

Connect an RF Wattmeter or 50 ohm 25 watt dummy load to antenna connector.
Adjustments are made with 14 volt DC input.

INDICATOR	ADJUST	REMARKS
ALC: RF Wattmeter Oscilloscope	T14 L2, L5	Short TP11 and TP12. Connect audio generator to microphone input. Inject a 1000Hz signal @ 3mV. Key transmitter. Adjust for 9 watts.
	R96	Disconnect TP11 and TP12. Adjust for 8 watts Power Output.
RF PANEL METER: RF Wattmeter	R98	Set mode switch to AM. Key transmitter. Adjust so that panel "RF" meter agrees with RF Wattmeter.
AMC: Modulator Meter	R85	Connect audio generator to microphone input. Inject a 1000Hz signal @ 2mV. Key transmitter. Adjust for 100% modulation maximum.





SYNTHESIZER BOARD

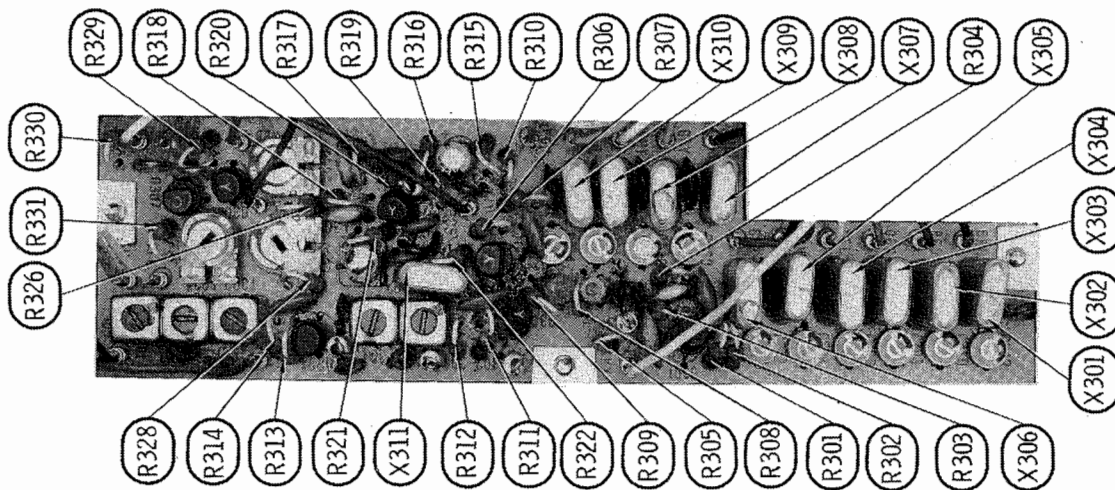
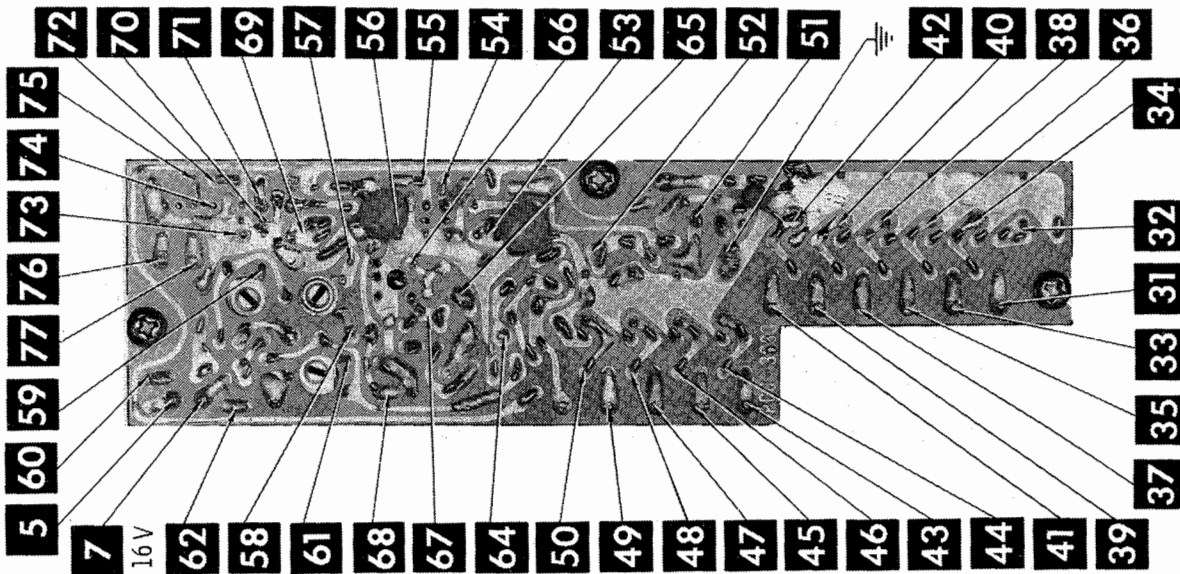
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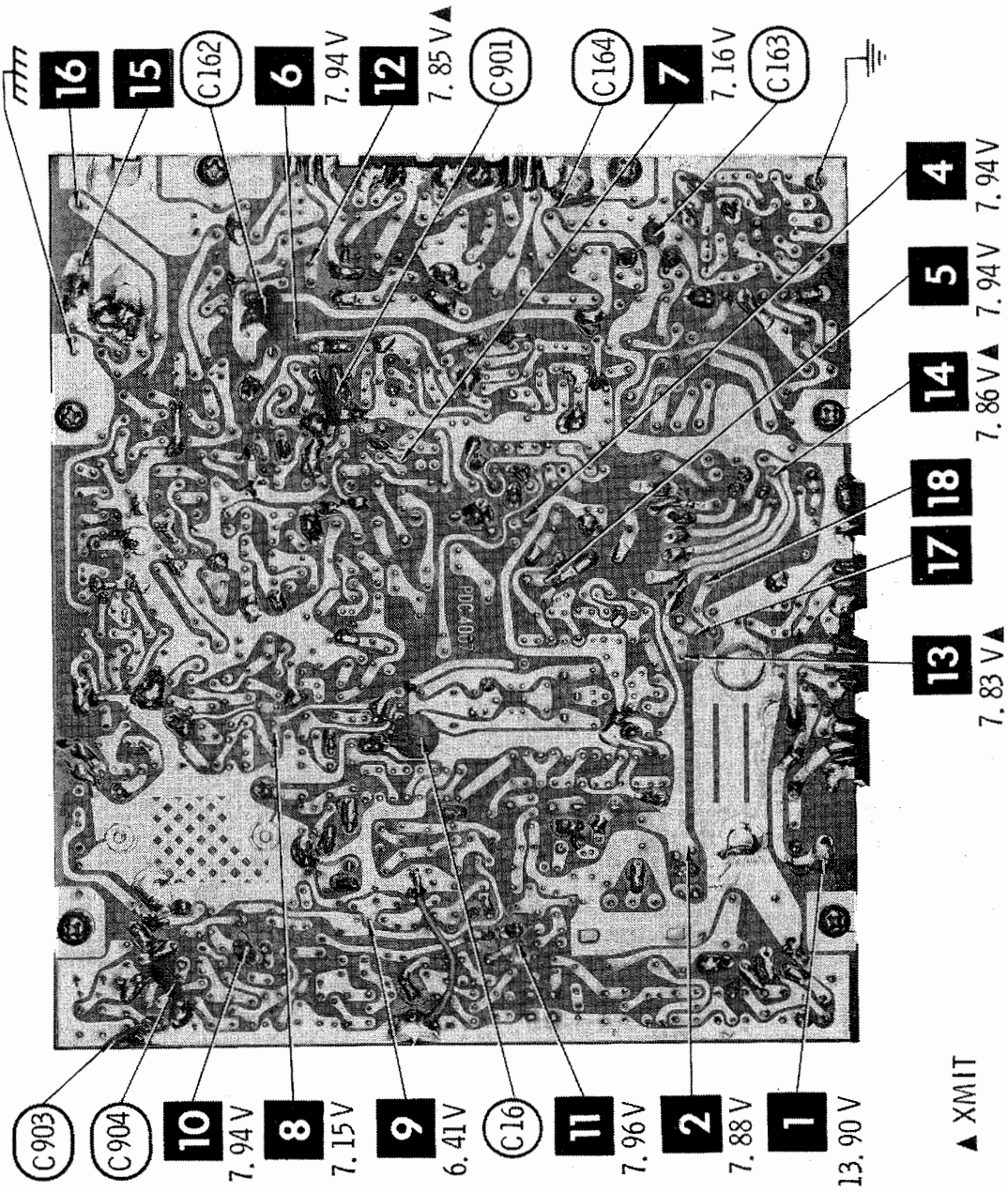
SYNTHESIZER BOARD

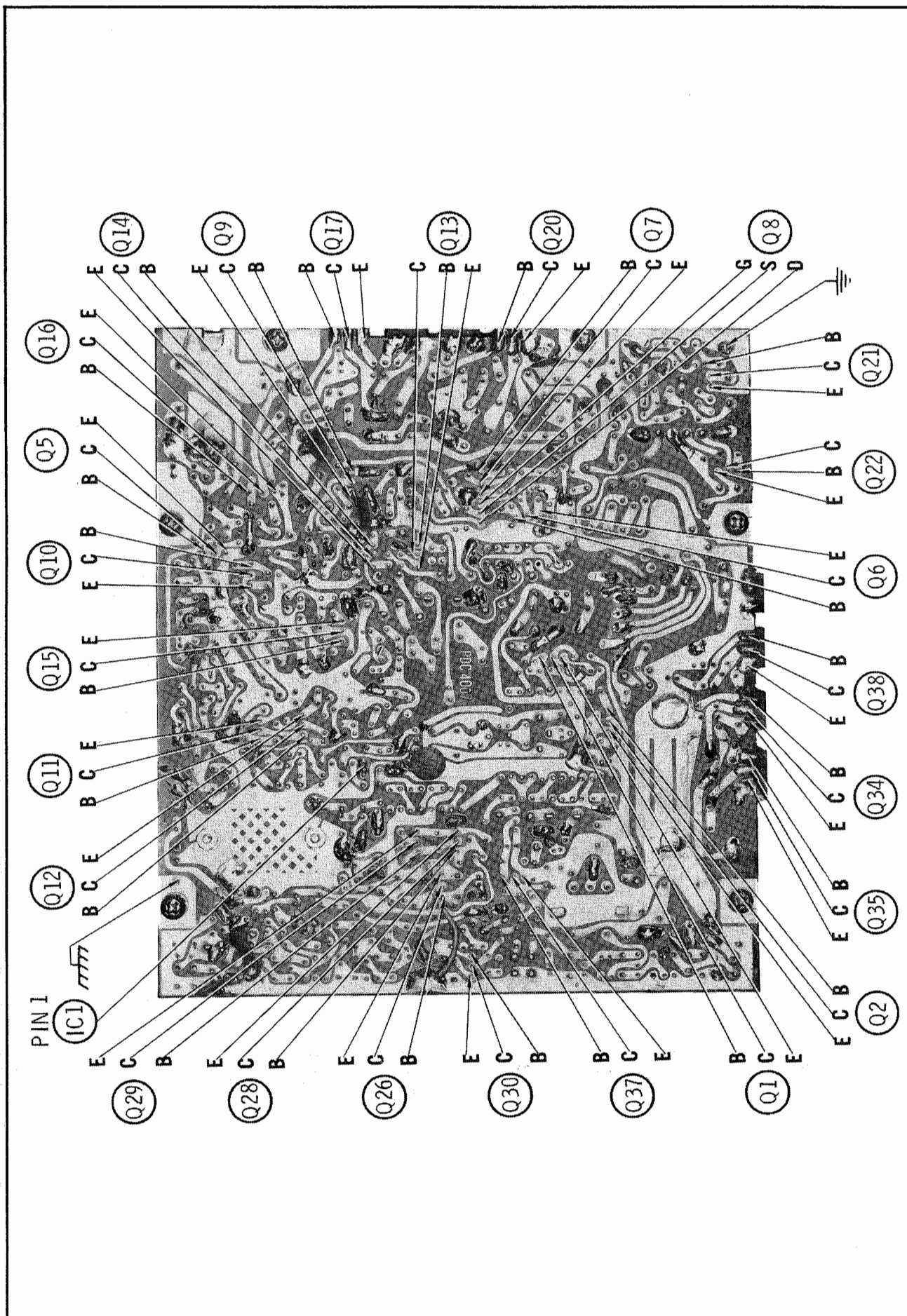
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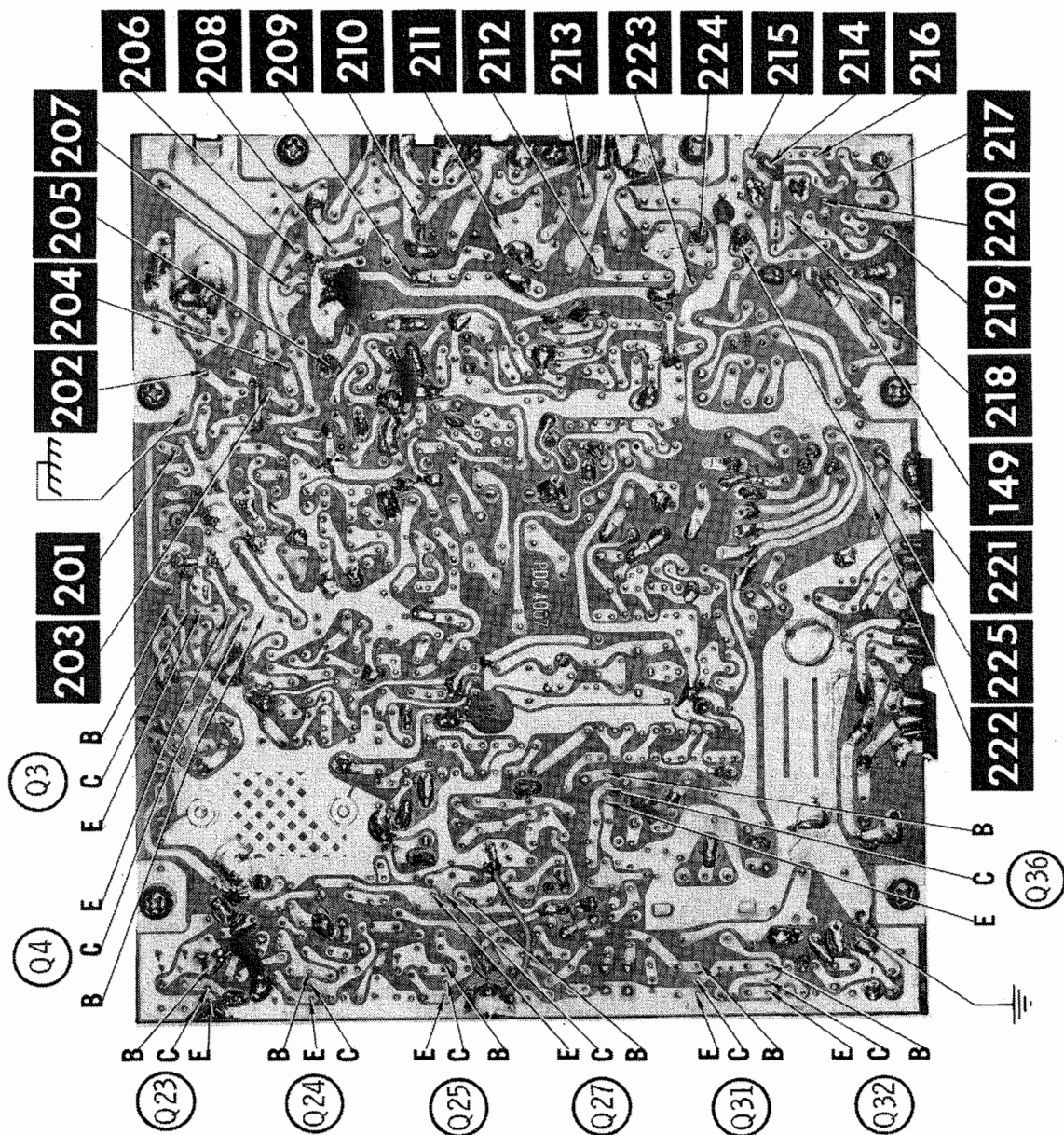
7. 16V



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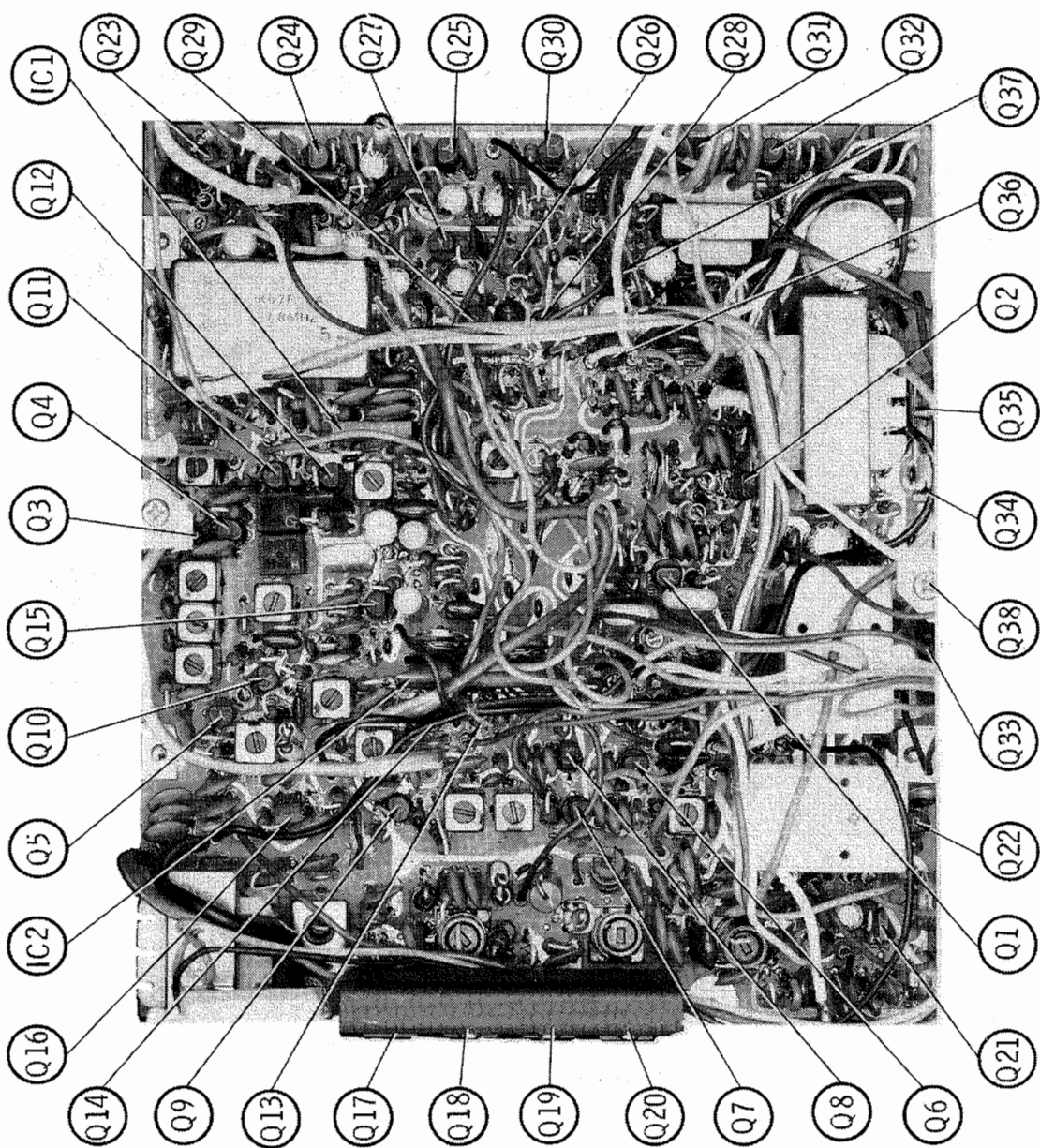






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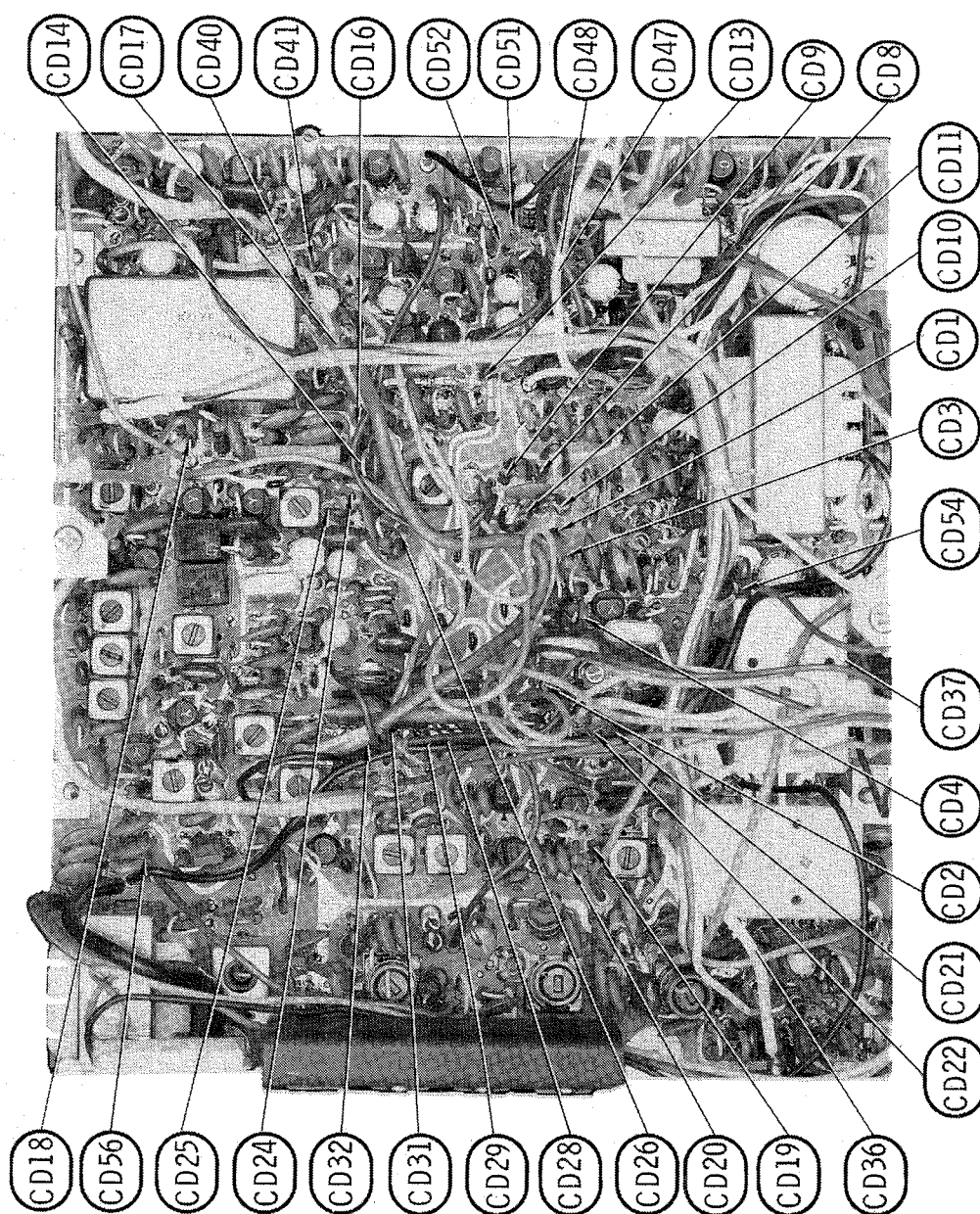


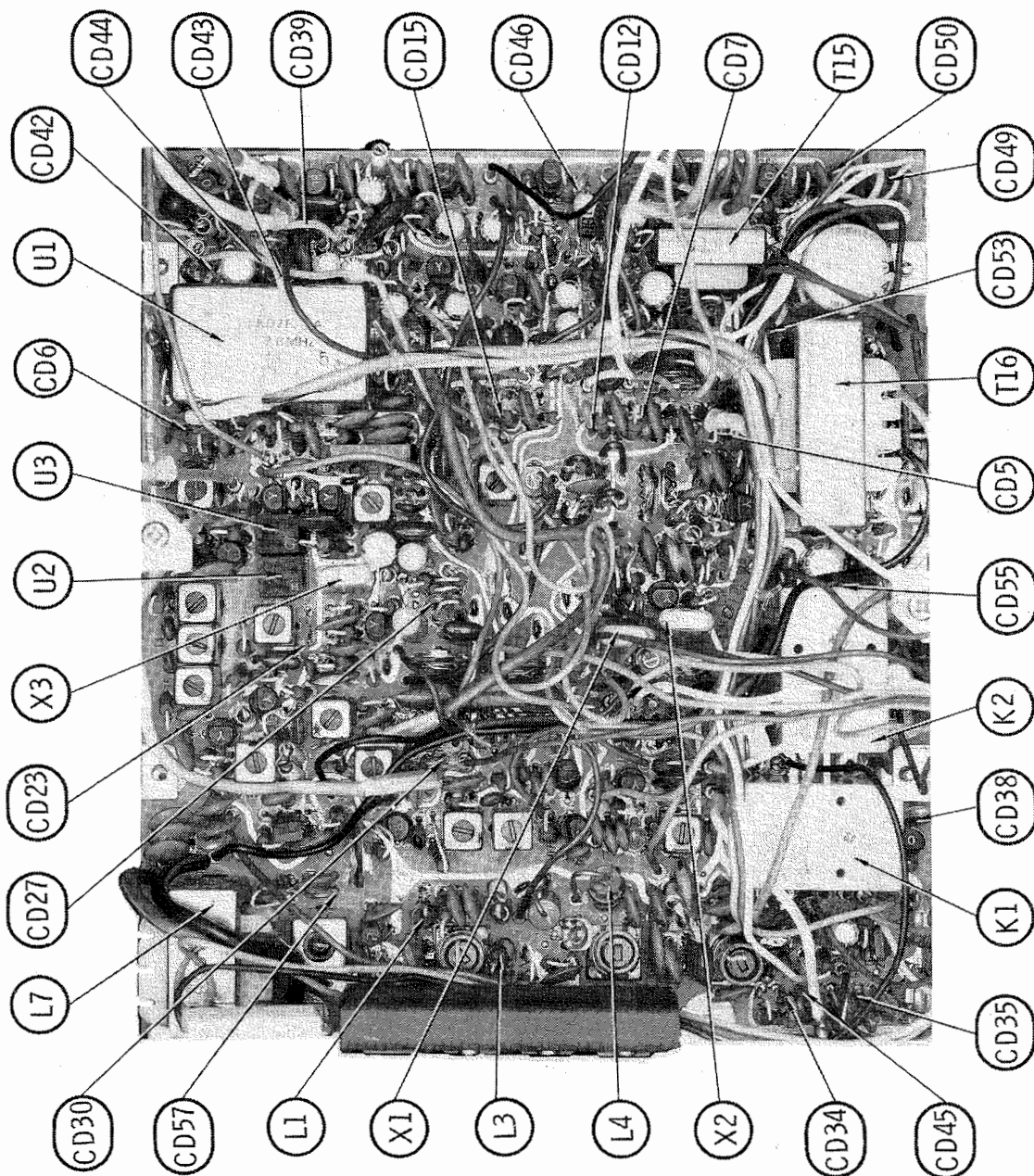
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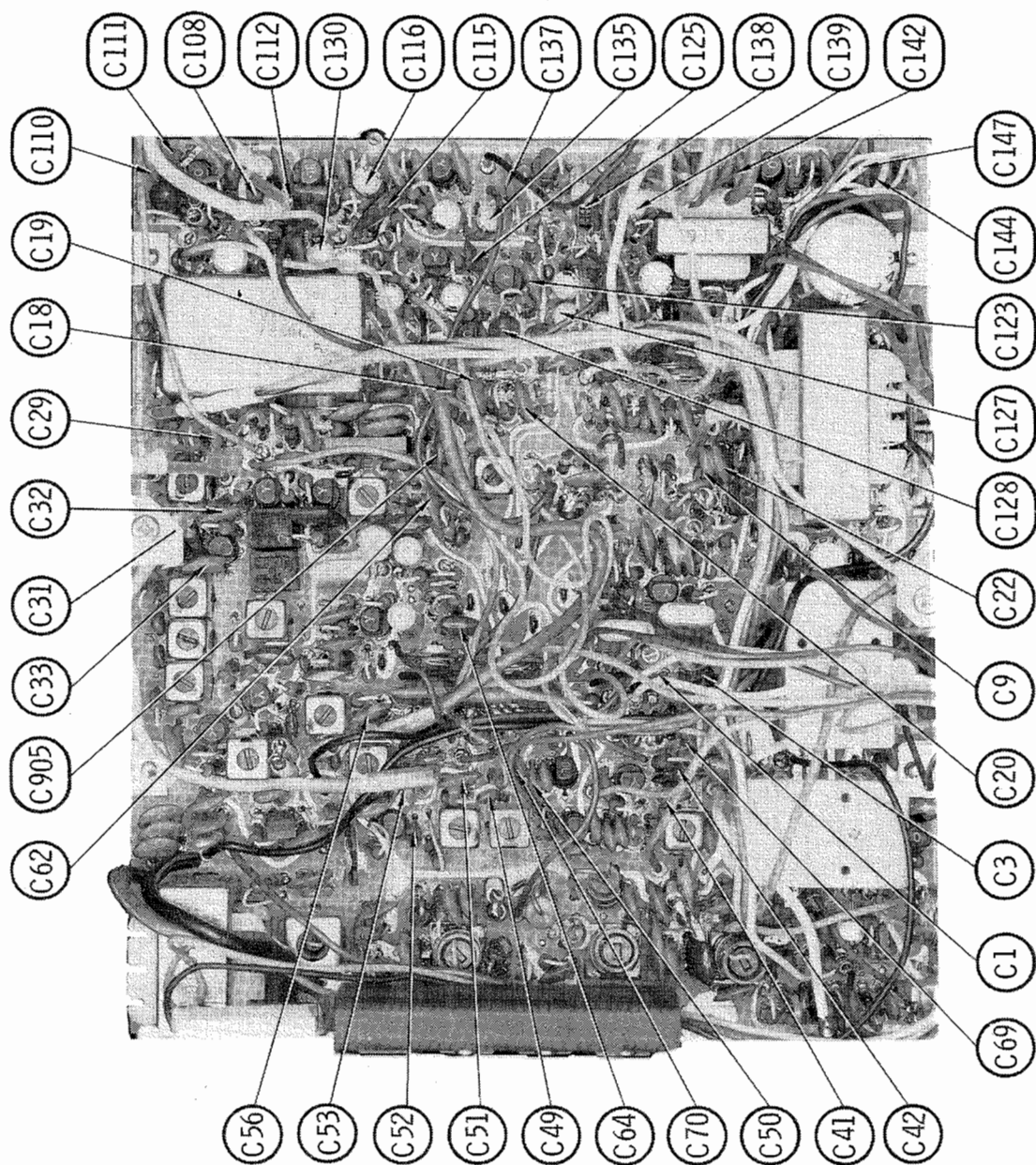
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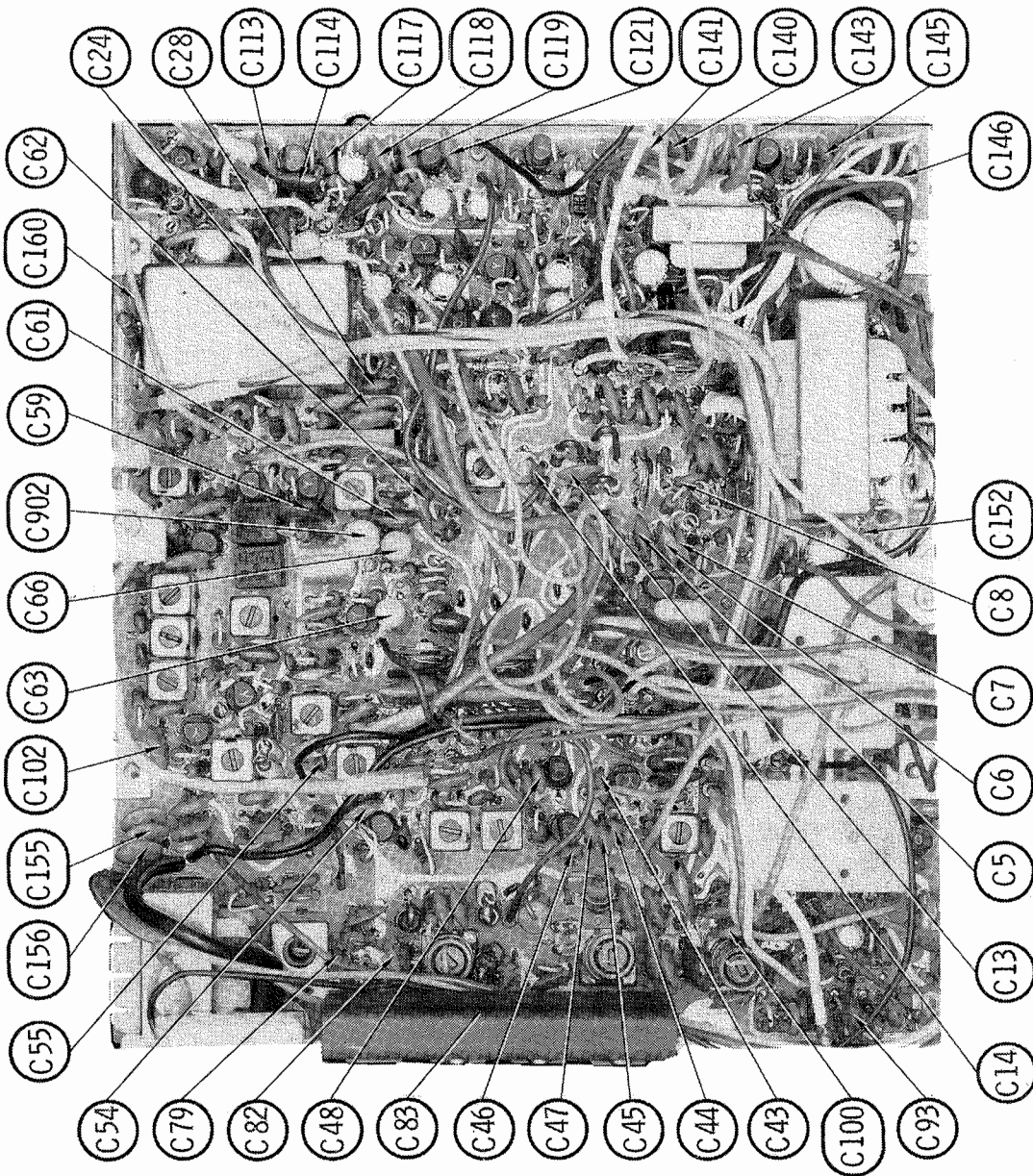
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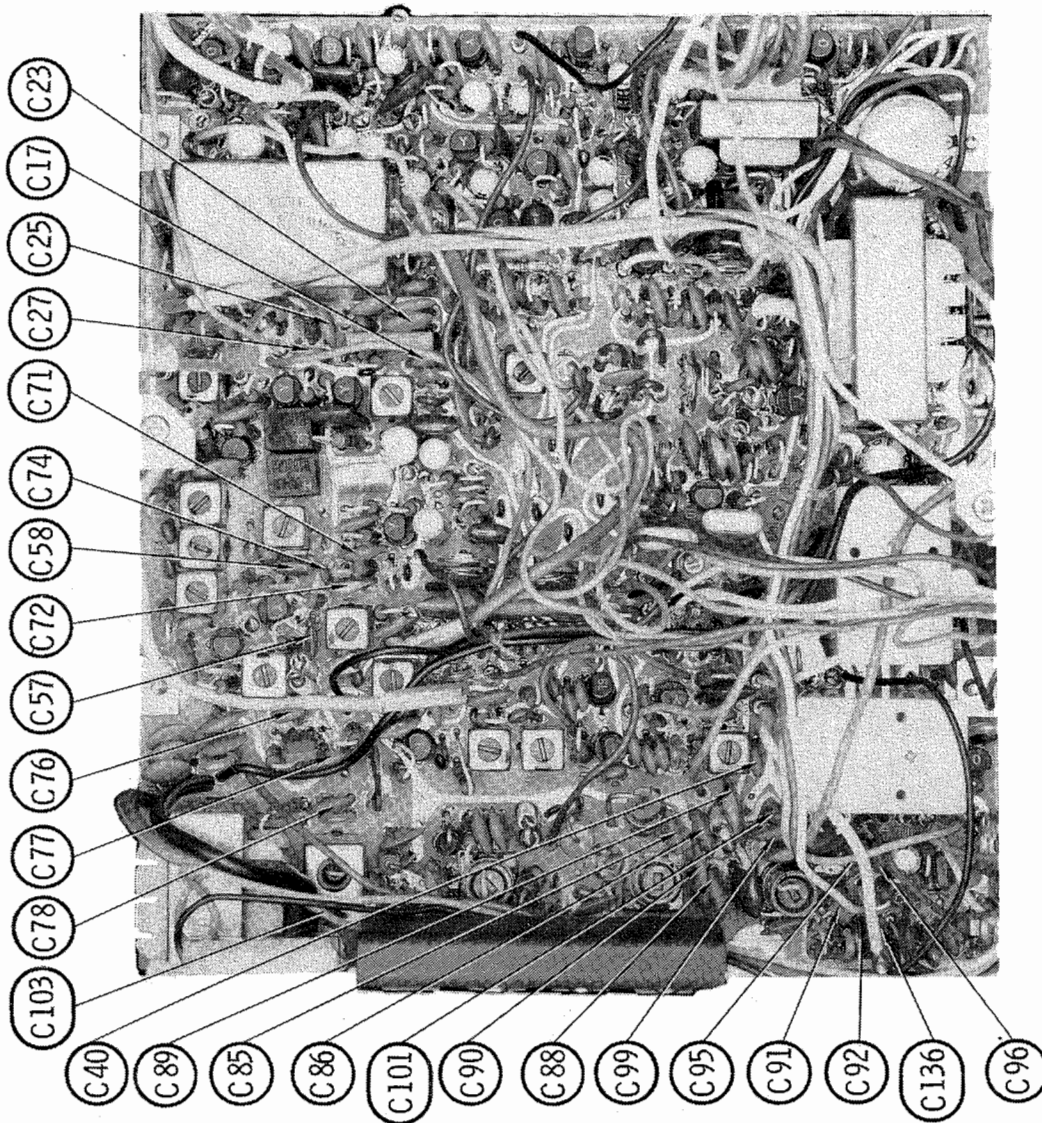


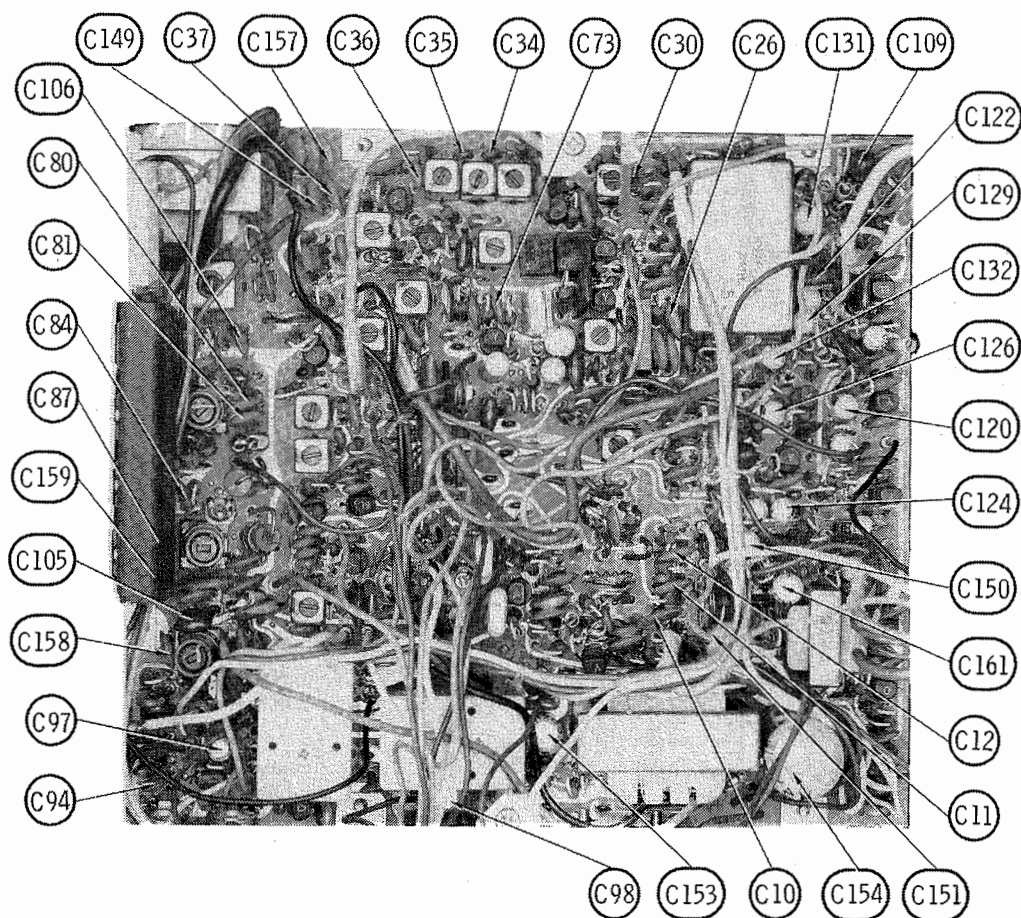
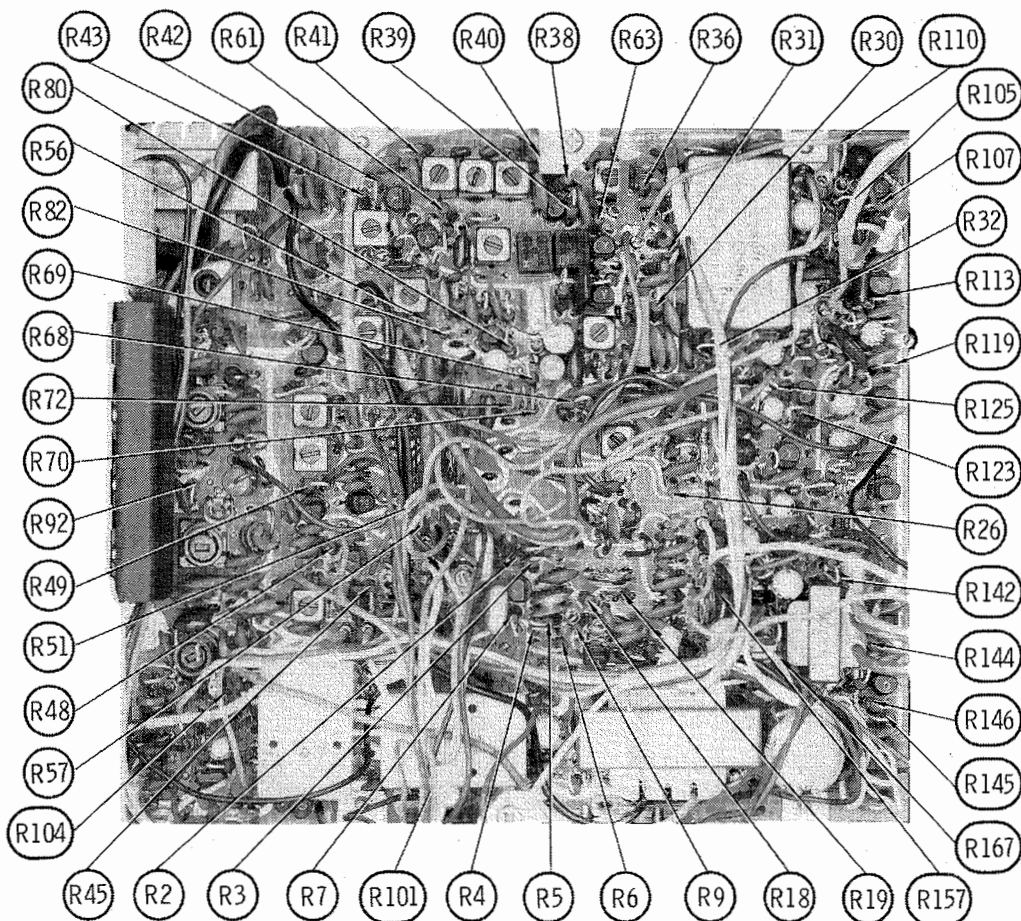
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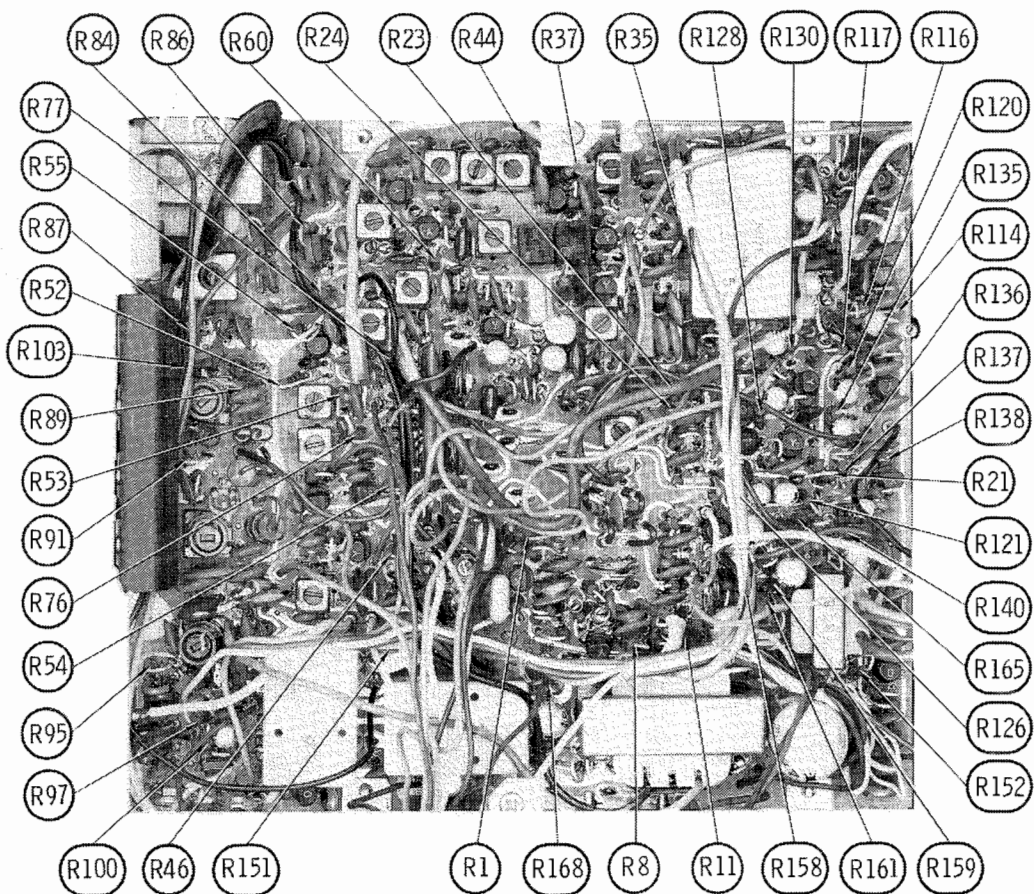
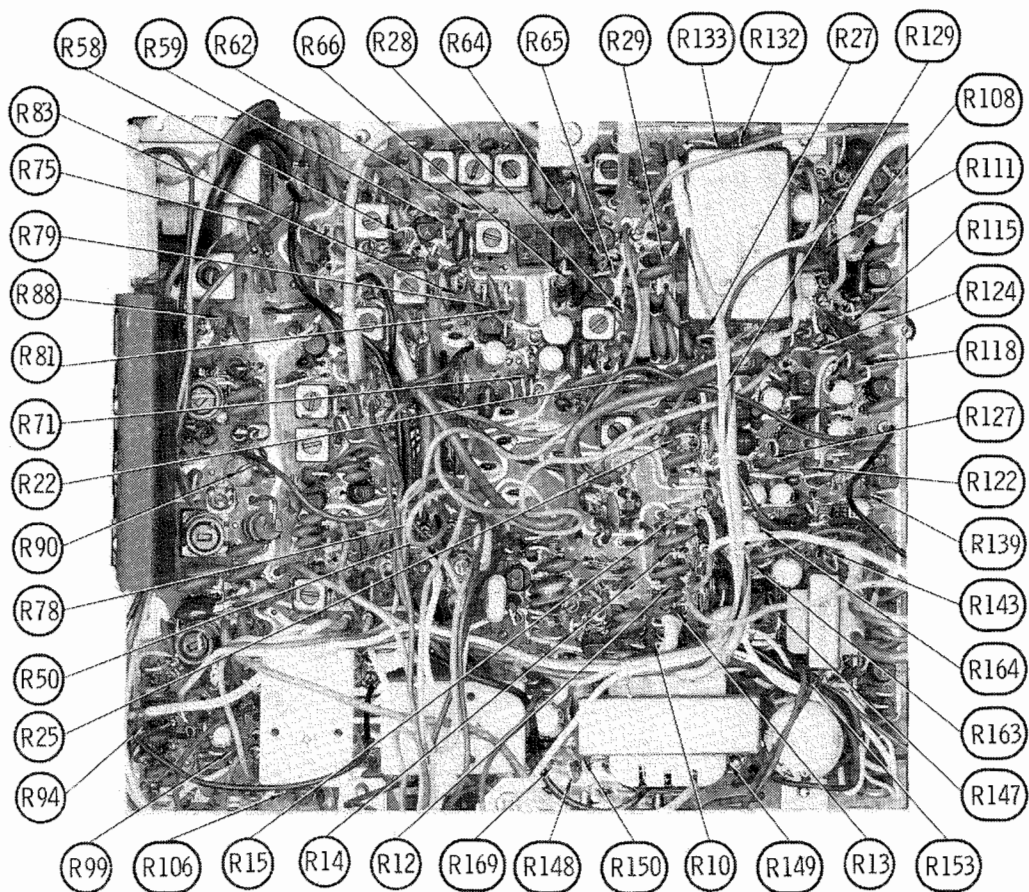




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PARTS LIST AND DESCRIPTION

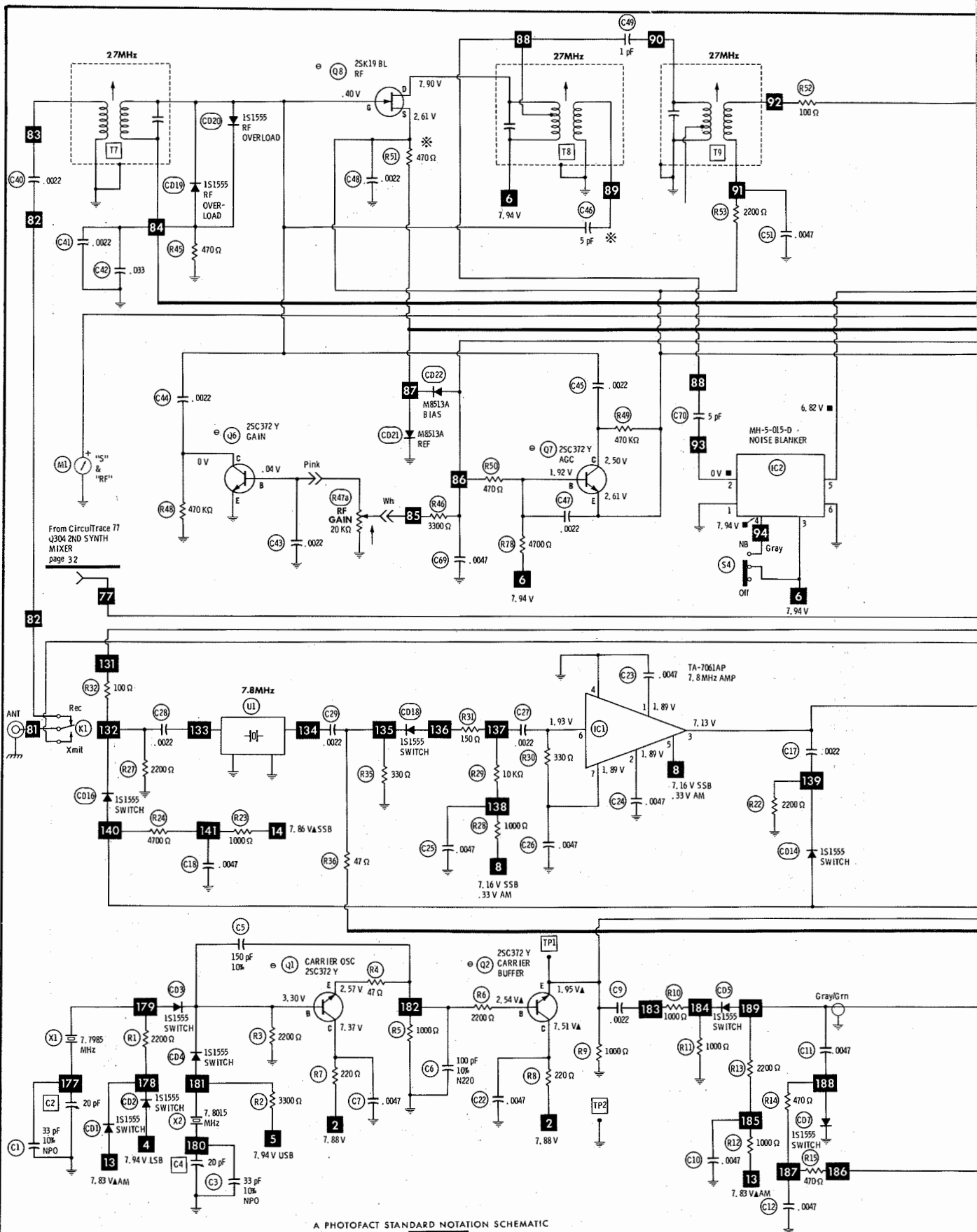
(When ordering parts, state Model, Part Number, and Description.)

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE / MFR. No. / PART No.	REPLACEMENT DATA						
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
CD1	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD2	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD3	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD4	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD5	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD6	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD7	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD8	1N60P	1N34AS (7)	1N34A (7)	PTC207 (7)	HEP134 (7)	SK3087 (7)	RT200 (7)	ECG 110 (6)
CD9	1N60P							
CD10	1N60P	1N34AS (7)	1N34A (7)	PTC207 (7)	HEP134 (7)	SK3087 (7)	RT200 (7)	ECG 110 (6)
CD11	1N60P							
CD12	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD13	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD14	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD15	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD16	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD17	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD18	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD19	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD20	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD21	M8513A	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD22	M8513A	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD23	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD24	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD25	1N60	1N60	1N60	PTC206	HEP135	SK3088	RT263	ECG 109
CD26	1N60	1N60	1N60	PTC206	HEP135	SK3088	RT263	ECG 109
CD27	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD28	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD29	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD30	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD31	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD32	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD34	1S1553	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD35	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD36	1S1553	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD37	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD38	1S1885	GE-504A	8D4 or 5A4D	PTC201 or PTC202	HEPR0052	SK3030 or SK3031	RT213 or RT214	ECG 116 or ECG 117
CD39	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD40	1N60	1N60	1N60	PTC206	HEP135	SK3088	RT263	ECG 109
CD41	1N60	1N60	1N60	PTC206	HEP135	SK3088	RT263	ECG 109
CD42	1N60	1N60	1N60	PTC206	HEP135	SK3088	RT263	ECG 109
CD43	1N60	1N60	1N60	PTC206	HEP135	SK3088	RT263	ECG 109
CD44	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD45	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD46	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD47	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD48	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD49	1S1885	GE-504A	8D4 or 5A4D	PTC201 or PTC202	HEPR0052	SK3030 or SK3031	RT213 or RT214	ECG 116 or ECG 117
CD50	1S1885	GE-504A	8D4 or 5A4D	PTC201 or PTC202	HEPR0052	SK3030 or SK3031	RT213 or RT214	ECG 116 or ECG 117
CD51	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD52	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD53	1S1885	GE-504A	8D4 or 5A4D	PTC201 or PTC202	HEPR0052	SK3030 or SK3031	RT213 or RT214	ECG 116 or ECG 117
CD54	1S1885	GE-504A	8D4 or 5A4D	PTC201 or PTC202	HEPR0052	SK3030 or SK3031	RT213 or RT214	ECG 116 or ECG 117
CD55	02Z8.2A 8.2V Zener	GE=X11	Z-1208	ZB8.2	HEPZ0411	SK3059	RT239	ECG 5072
CD56	1S1885	GE-504A	8D4 or 5A4D	PTC201 or PTC202	HEPR0052	SK3030 or SK3031	RT213 or RT214	ECG 116 or ECG 117
CD57	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD301	1S1658	GE-90 (8)	D201 (8)	PTC503	HEPR2503(8)	SK3126 (8)	RT237	ECG 137
CD302	02Z6.2A 6.2V Zener	GEZD-6.2	Z-1204		HEPZ0408	SK3058		
CD303	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD304	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
CD305	1S1555	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
IC1	TA-7061AP							ECG 1100
IC2	MH-5-015D							
Q1	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q2	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q3	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q4	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A

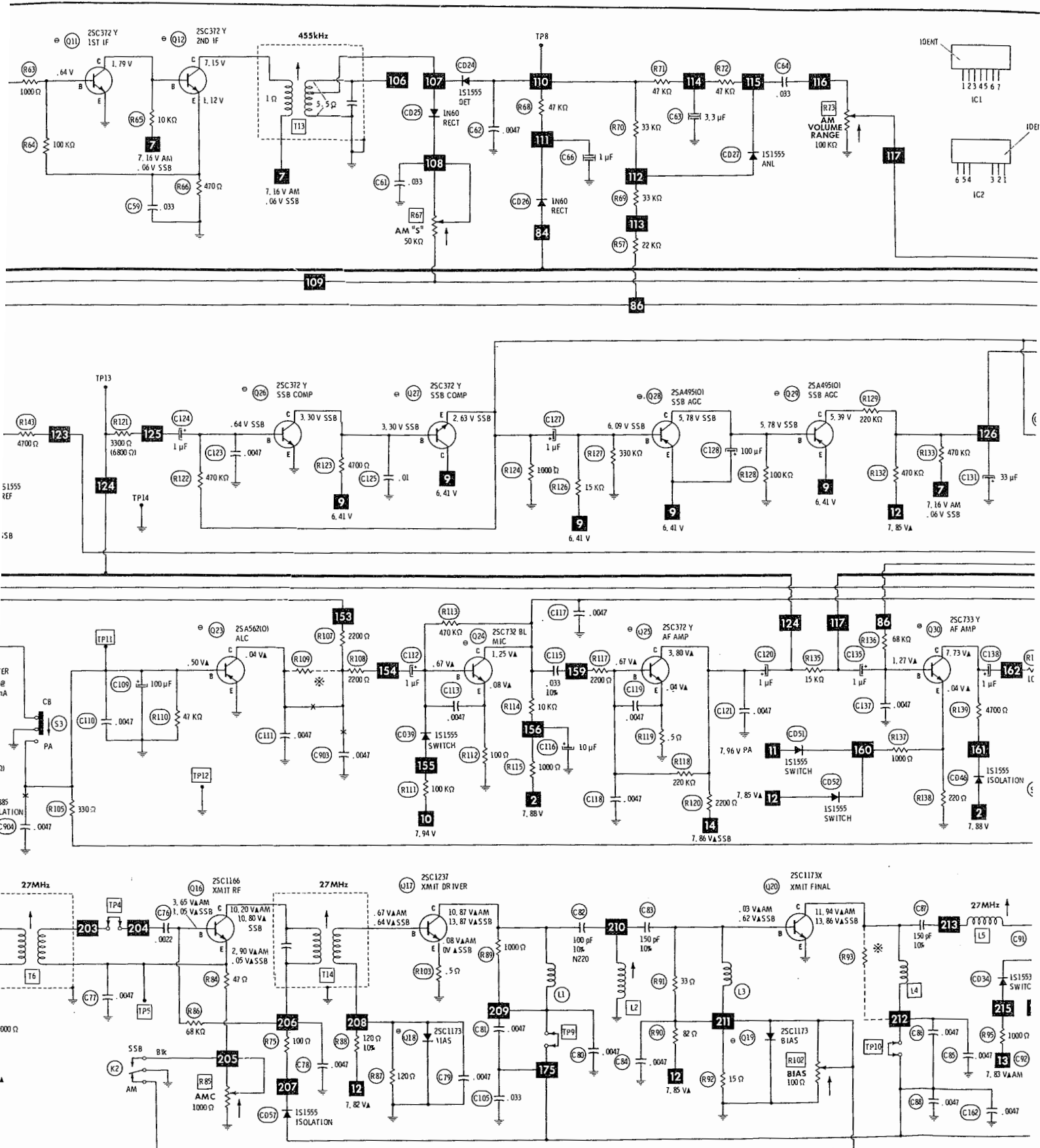
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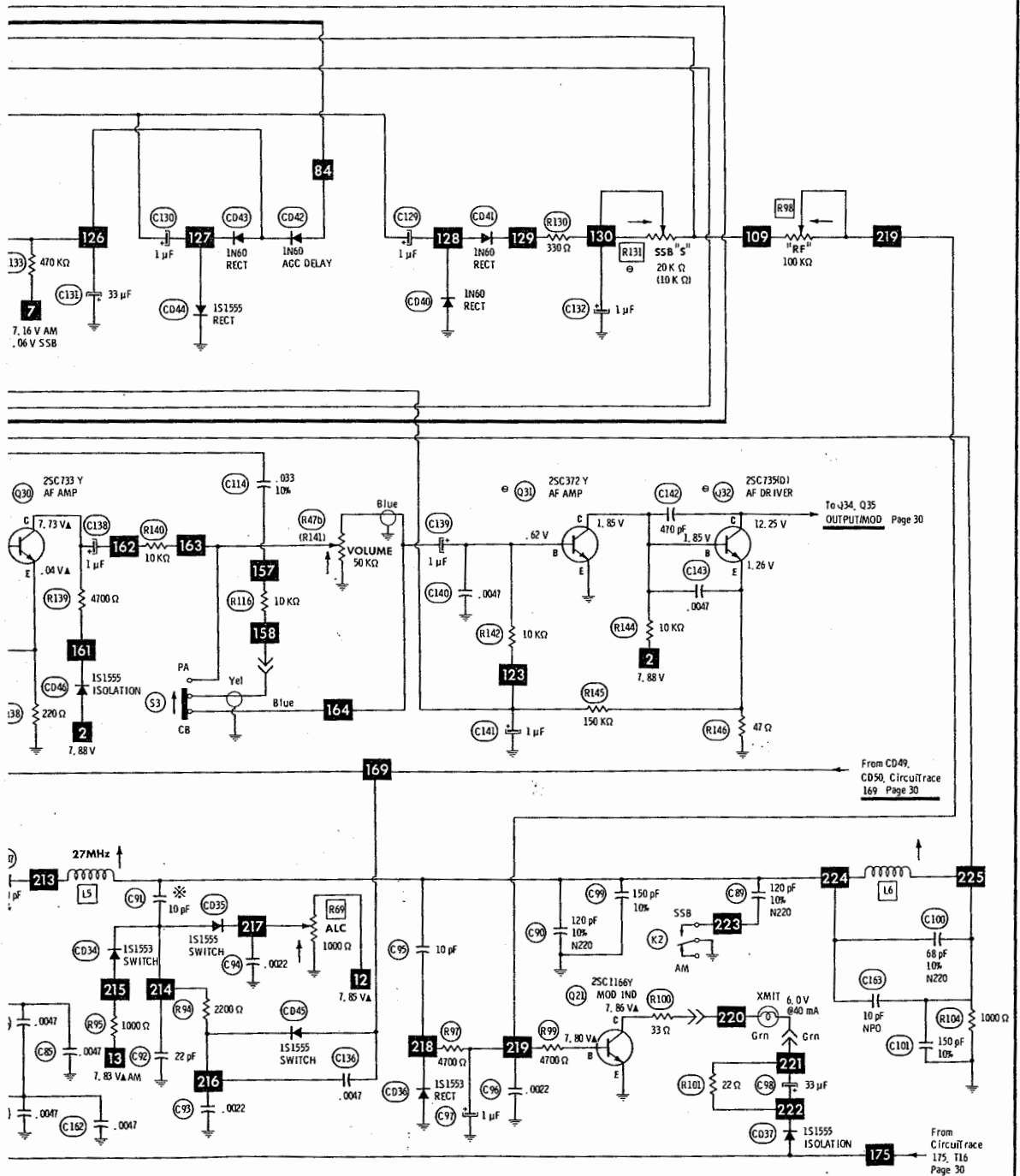
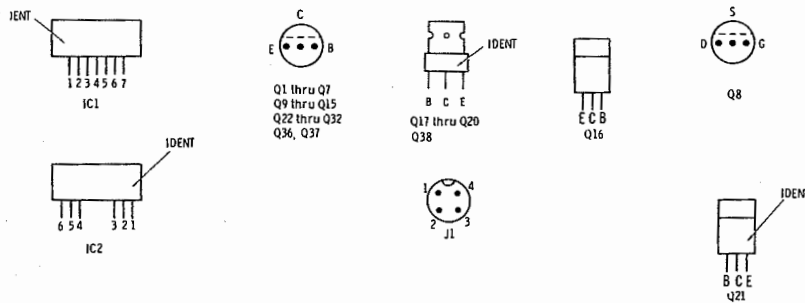
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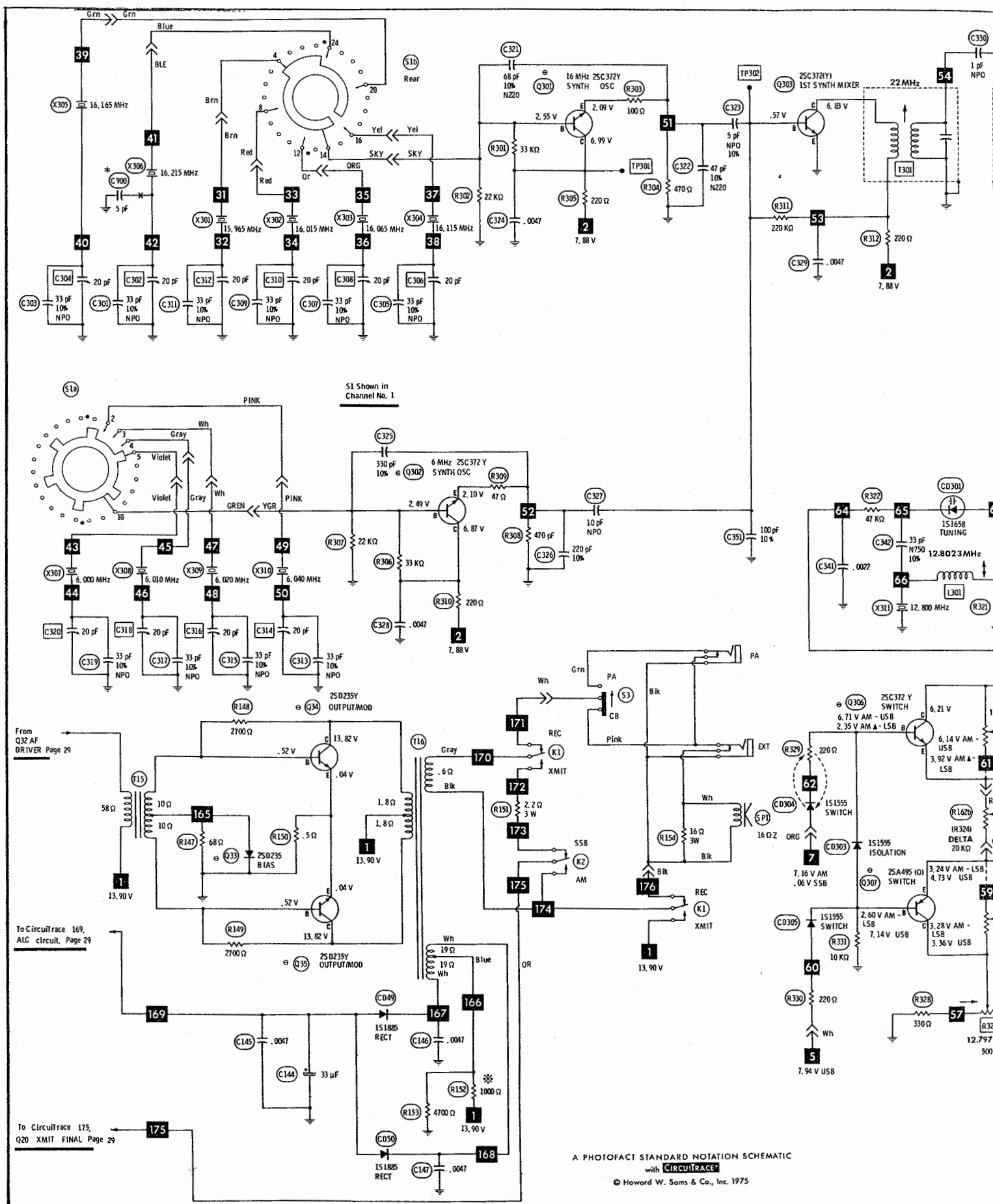
SEE NOTES ON PAGE 31







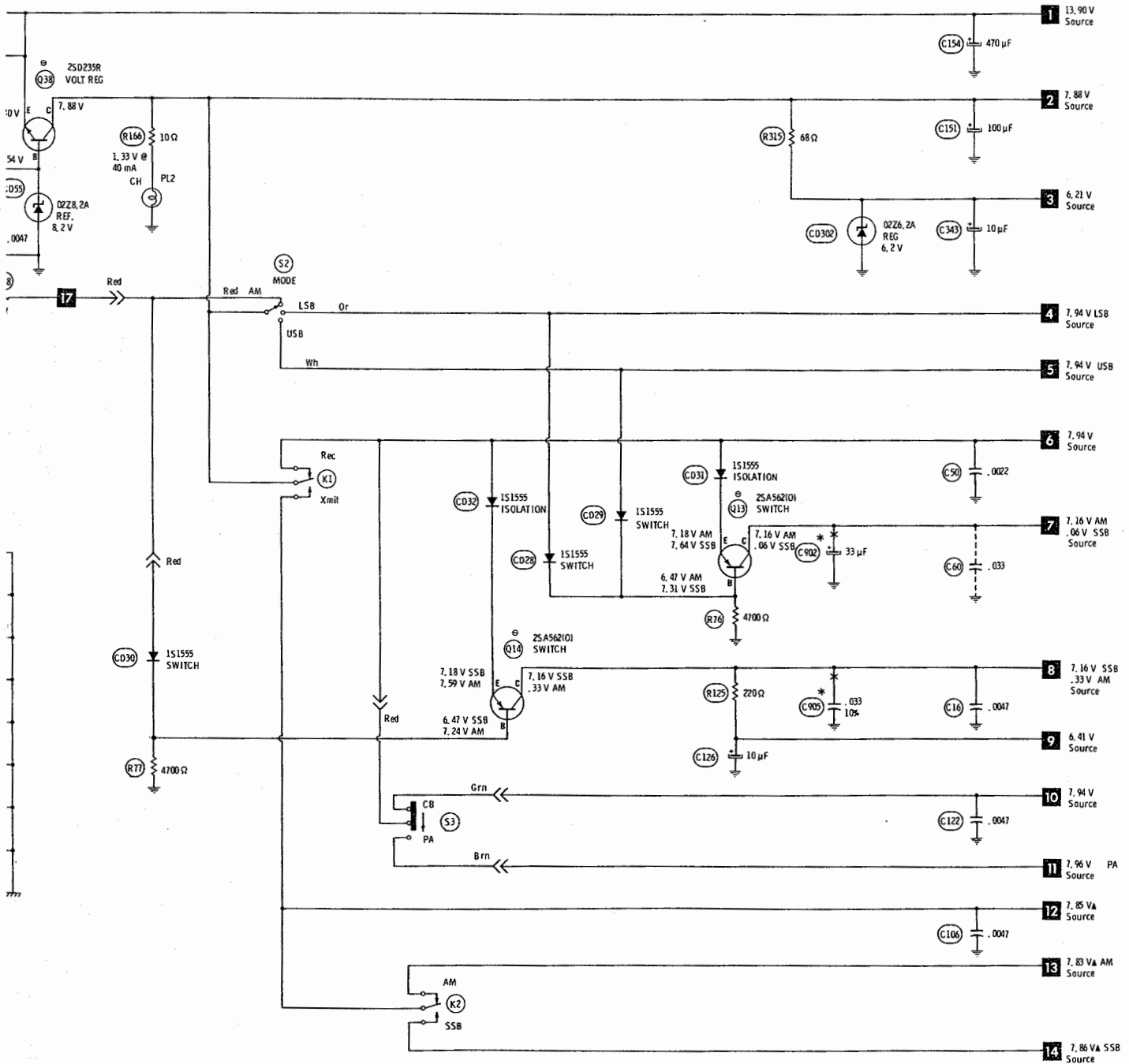
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A PHOTOFACT STANDARD NOTATION SCHEMATIC
with **CIRCUITRACE**

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BROWNING MODEL LTD

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 / MFR. No. / PART No.	REPLACEMENT DATA						
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
Q5	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q6	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q7	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q8	2SK19BL	GE-FET-2	FE-100	PTC152	HEPF0021	SK3116	RT175	ECG 132
	2SK19	GE-FET-2	FE-100	PTC152	HEPF0021	SK3116	RT175	ECG 132
Q9	2SC785R	GE-20	TR-71	PTC121	HEP53	SK3018	RT108	ECG 107
	2SC785	GE-20	TR-71	PTC132	HEP56	SK3018	RT108	ECG 107
Q10	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q11	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q12	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q13	2SA562 (0)	GE-21	TR-54	PTC103	HEP715	SK3114	RT115	ECG 159
	2SA562	GE-21	TR-30	PTC103	HEP51	SK3114	RT115	ECG 159
Q14	2SA562 (0)	GE-21	TR-54	PTC103	HEP715	SK3114	RT115	ECG 159
	2SA562	GE-21	TR-30	PTC103	HEP51	SK3114	RT115	ECG 159
Q15	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q16	2SC1166Y	GE-18	TR-63	PTC143	HEP713	SK3024	RT110	ECG 154
Q17	2SC1237	GE-28	TR-55	PTC110	HEP713	SK3054	RT186	ECG 235
Q18	2SC1173X (2) (3)	GE-66	TR-55	PTC110		SK3054	RT154	ECG 152
	2SC1173 (2) (3)	GE-66	TR-55	PTC110		SK3054	RT154	ECG 152
Q19	2SC1173X (2) (3)	GE-66	TR-55	PTC110		SK3054	RT154	ECG 152
	2SC1173 (2) (3)	GE-66	TR-55	PTC110		SK3054	RT154	ECG 152
Q20	2SC1307 (4)	GE-66					RT197	ECG 236
Q21	2SC1166Y	GE-18	TR-63	PTC143	HEP713	SK3024	RT110	ECG 154
Q22	2SA562 (0)	GE-21	TR-54	PTC103	HEP715	SK3114	RT115	ECG 159
	2SA562	GE-21	TR-30	PTC103	HEP51	SK3114	RT115	ECG 159
Q23	2SA562 (0)	GE-21	TR-54	PTC103	HEP715	SK3114	RT115	ECG 159
	2SA562	GE-21	TR-30	PTC103	HEP51	SK3114	RT115	ECG 159
Q24	2SC732BL	GE-20	TR-21	PTC123	HEP730	SK3124	RT102	ECG 123A
	2SC732	GE-20	TR-21	PTC121	HEP730	SK3020	RT102	ECG 123A
Q25	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q26	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q27	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q28	2SA495 (0)	GE-21	TR-30	PTC103	HEP52	SK3114	RT115	ECG 159
	2SA495	GE-22	(IR)2SA495	PTC103	HEP52	SK3114	RT126	ECG 159
Q29	2SA495 (0)	GE-21	TR-30	PTC103	HEP52	SK3114	RT115	ECG 159
	2SA495	GE-22	(IR)2SA495	PTC103	HEP52	SK3114	RT126	ECG 159
Q30	2SC733Y	GE-20	TR-21	PTC123	HEP729	SK3122	RT100	ECG 123A
	2SC733	GE-20	TR-33	PTC121	HEP729	SK3020	RT102	ECG 123A
Q31	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q32	2SC735 (0)	GE-17	TR-24	PTC123	HEP53	SK3124	RT102	ECG 123A
	2SC735	GE-20	TR-21	PTC136	HEP53	SK3047	RT102	ECG 123A
Q33	2SD235R (3) (5)	GE-66	TR-92	PTC110	HEP701	SK3054	RT154	ECG 152
	2SD235 (3) (5)	GE-66	TR-92	PTC110	HEP701	SK3054	RT154	ECG 152
Q34	2SD235Y (3) (5)	GE-66	TR-92	PTC110	HEP701	SK3054	RT154	ECG 152
	2SD235 (3) (5)	GE-66	TR-92	PTC110	HEP701	SK3054	RT154	ECG 152
Q35	2SD235Y (3) (5)	GE-66	TR-92	PTC110	HEP701	SK3054	RT154	ECG 152
	2SD235 (3) (5)	GE-66	TR-92	PTC110	HEP701	SK3054	RT154	ECG 152
Q36	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q37	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC0372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q38	2SD235R (3) (5)	GE-66	TR-92	PTC110	HEP701	SK3054	RT154	ECG 152
	2SD235 (3) (5)	GE-66	TR-92	PTC110	HEP701	SK3054	RT154	ECG 152
Q301	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q302	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q303	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q304	2SC387A	GE-11	TR-83	PTC133	HEP720	SK3019	RT108	ECG 108
Q305	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q306	2SC372Y	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
	2SC372	GE-10	(IR)2SC372	PTC121	HEP55	SK3018	RT107	ECG 123A
Q307	2SA495 (0)	GE-21	TR-30	PTC103	HEP52	SK3114	RT115	ECG 159
	2SA495	GE-22	(IR)2SA495	PTC103	HEP52	SK3114	RT126	ECG 159

(2) Rating 10 Watts @ 3 Amps.
(3) Transistor used as Diode.
(4) Rating 25 Watts @ 8 Amps.

(5) Rating 1.5 Watts @ 1.5 Amps.
(6) Matched pair.
(7) Two required - Select Matched pair.

BROWNING MODEL LTD

PARTS LIST AND DESCRIPTION (CONTINUED)

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

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA					
		MFGR. PART No.	ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C63	3.3 6.3V NP	26043023					
C66	1 6.3V NP	26043024					
C97	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C98	33 16V	26043040	ME-3-E-035	EP15-25	PC30-25	MTV30CB25	EV-1325
C109	100 3V	26040002				TDC107M010GL	SD4-1009
C112	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C115	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C116	10 16V	26043030	RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C120	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C124	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C126	10 16V	26043030	RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C127	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C128	100 3V	26040002				TDC107M010GL	SD4-1009
C129	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C130	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C131	33 16V	26043040	ME-3-E-035	EP15-25	PC30-25	MTV30CB25	EV-1325
C132	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C135	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C138	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C139	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C141	1 50V	26043027	RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C150	33 16V	26043040	ME-3-E-035	EP15-25	PC30-25	MTV30CB25	EV-1325
C144	33 3V	26040001				TDC336M010FL	SD6-339
C151	100 10V	26043036	RME-E-D-100	EP15-100	PC100-10	MTV100CB10	EV-1130
C153	100 16V	26043035	RME-E-E-100	EP15-100	PC100-16	MTV100CB15	EV-1230
C154	470 25V	26043043	RME-N-G-500	EP30-500	WBR500-25	MTA500G25	EV-1350
C161	33 16V	26043040	ME-3-E-035	EP15-25	PC30-25	MTV30CB25	EV-1325
C343	10 16V	26043030	RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C902	33 16V	26043040	ME-3-E-035	EP15-25	PC30-25	MTV30CB25	EV-1325

CAPACITORS

ITEM No.	RATING	MFGR. PART No.	REPLACEMENT DATA				
			ARCO/ELMENCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	33 NPO 10%		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C2	20		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C3	33 NPO 10%		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C4	20		CCT0-151	DTZ-150		CN0315	10TCC-T15
C5	150 10%		*			*	10TCR-T10
C6	100 N220 10%	26036027					
C7	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C8	.0022		CCD-222	DD-222		GP222	2SS-D22
C9	.0022		CCD-222	DD-222		GP222	2SS-D22
C10	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C11	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C12	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C13	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C14	10 N750		CCTN-100	DTN-10	N10	CN7410	10TCU-Q10
C15	20						
C16	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C17	.0022		CCD-222	DD-222		GP222	2SS-D22
C18	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C19	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C20	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C22	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C23	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C24	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C25	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C26	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C27	.0022		CCD-222	DD-222		GP222	2SS-D22
C28	.0022		CCD-222	DD-222		GP222	2SS-D22
C29	.0022		CCD-222	DD-222		GP222	2SS-D22
C30	15		CCT0-150	DTZ-15	NP015	CN0415	10TCC-Q15
C31	.0022		CCD-222	DD-222		GP222	2SS-D22
C32	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C33	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C34	2		CCT0-2R2	DTZ-2R2	NP02P2	CN0522	10TCC-V22
C35	1					CN0510	10TCC-V10
C36	.0022		CCD-222	DD-222		GP222	2SS-D22
C37	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C40	.0022		CCD-222	DD-222		GP222	2SS-D22
C41	.0022		CCD-222	DD-222		GP222	2SS-D22
C42	.003		6DP-3-333		DPMS6S33	EW6133	6PS-S33
C43	.0022		CCD-222	DD-222		GP222	2SS-D22
C44	.0022		CCD-222	DD-222		GP222	2SS-D22
C45	.0022		CCD-222	DD-222		GP222	2SS-D22
C46	5		CCT0-050				10TCC-V50
C47	.0022		CCD-222	DD-222		GP222	2SS-D22
C48	.0022		CCD-222	DD-222		GP222	2SS-D22
C49	1					CN0510	10TCC-V10

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS(cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			ARCO/ELMENDO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C50	.0022	26036027	CCD-222	DD-222		GP222	2SS-D22
C51	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C52	5 NPO		CCTO-050				10TCC-V50
C53	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C54	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C55	1					CN0510	10TCC-V10
C56	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C57	.01		1MDF-1-103	CPJ-103	DPMS4S1	EWFI1A110	1PB-S10
C58	.033		6DP-3-333		DPMS6S33	EWFI1A110	6PS-S33
C59	.033		6DP-3-333		DPMS6S33	EWFI1A110	6PS-S33
C61	.033		6DP-3-333		DPMS6S33	EWFI1A110	6PS-S33
C62	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C64	.033		6DP-3-333		DPMS6S33	EWFI1A110	6PS-S33
C69	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C70	5		CCTO-050				10TCC-V50
C71	150 10%		CCD-151	DD-151		CN0315	10TCC-T15
C72	100 N220 10%		*			*	10TCC-T15
C73	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C74	22		CCTO-220	DTZ-22	NP022	CN0422	10TCC-Q22
C75							
C76	.0022		CCD-222	DD-222		GP222	2SS-D22
C77	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C78	.0047	26036027	CCD-472	DD-472	GP4700	GP247	2SS-D47
C79	.0047		CCD-203	DC-203		MAG5012	2SS-S20
C80	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C81	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C82	100 N220 10%		*			*	10TCC-T00
C83	150 10%		CCD-151	DD-151		CN0315	10TCC-T15
C84	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C85	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C86	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C87	150 10%		CCD-151	DD-151		CN0315	10TCC-T15
C88	.0047	26036038	CCD-472	DD-472	GP4700	GP247	2SS-D47
C89	120 N220 10%		*			*	10TCC-T12
C90	120 N220 10%		*			*	10TCC-T12
C91	10		CCTO-100	DTZ-10	NP010	CN0410	10TCC-Q10
C92	22		CCTO-220	DTZ-22	NP022	CN0422	10TCC-Q22
C93	.0022		CCD-222	DD-222		GP222	2SS-D22
C94	.0022		CCD-222	DD-222		GP222	2SS-D22
C95	10		CCTO-100	DTZ-10	NP010	CN0410	10TCC-Q10
C96	.0022		CCD-222	DD-222		GP222	2SS-D22
C99	150		CCD-151	DD-151		CN0315	10TCC-T15
C100	68 N220 10%	26036006	*			*	10TCC-Q56
C101	150 10%		CCD-151	DD-151		CN0315	10TCC-T15
C102	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C103	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C105	.033		6DP-3-333		DPMS6S33	EWFI1A110	6PS-S33
C106	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C107	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C108	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C110	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C111	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C113	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C114	.033		6DP-3-333		DPMS6S33	EWFI1A110	6PS-S33
C115	.033 10%		6DP-3-333		DPMS6S33	EWFI1A110	6PS-S33
C117	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C118	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C119	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C121	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C122	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C123	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C125	.01		1MDF-1-103	CPJ-103	DPMS4S1	EWFI1A110	1PB-S10
C136	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C137	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C140	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C142	470		CCD-471	DD-471	GP470	GP347	10TS-T47
C143	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C143	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C145	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C146	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C147	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C148	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C149	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C152	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C155	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C156	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C157	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C158	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C159	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C160	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C162	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C163	10 NPO		CCTO-100	DTZ-10	NP010	CN0410	10TCC-Q10
C164	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C301	33 NPO 10%		CCTO-330	DTZ-33	NP033	CN0433	10TCC-Q33
C302	20						
C303	33 NPO 10%		CCTO-330	DTZ-33	NP033	CN0433	10TCC-Q33
C304	20						
C305	33 NPO 10%		CCTO-330	DTZ-33	NP033	CN0433	10TCC-Q33

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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				
			ARCO/ELMENCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C306	20	26036006 26036035	CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C307	33 NPO 10%						
C308	20		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C309	33 NPO 10%						
C310	20		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C311	33 NPO 10%						
C312	20		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C313	33 NPO 10%						
C314	20		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C315	33 NPO 10%						
C316	20		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C317	33 NPO 10%						
C318	20		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C319	33 NPO 10%						
C320	20		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C321	68 N220 10%		*			*	10TCR-Q68
C322	47 N220 10%		*			*	10TCR-Q10
C323	5 NPO		CCT0-050				10TCC-V50
C324	.0047		CCD-472	DO-472	GP4700	GP247	2SS-D47
C325	330		DM15-331J	CPR-330J	C015FD331J03	SX333	424ME3300J501
C326	220 10%		DM10-201J	CPR-200J	C010FD201J03	SX320	424ME2000J501
C327	.01		CCD-103	OC-103	GP10000	MAG5011	2SS-S10
C328	.0047		CCD-472	OD-472	GP4700	GP247	2SS-D47
C329	.0047		CCD-472	DO-472	GP4700	GP247	2SS-D47
C330	1 NPO					CN0510	10TCC-V10
C331	10 NPO		CCT0-100	DTZ-10	NP010	CN0410	10TCC-Q10
C332	100 10%		CCT0-101	DTZ-100	NP0100	CN0310	10TCC-T10
C333	10 NPO		CCT0-100	DTZ-10	NP010	CN0410	10TCC-Q10
C334	.0047		CCD-472	DO-472	GP4700	GP247	2SS-D47
C335	3 NPO		CCT0-3R3	DTZ-3R3	NP03P3	CN0533	10TCC-V33
C336	3 NPO		CCT0-3R3	DTZ-3R3	NP03P3	CN0533	10TCC-V33
C337	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C338	47 N220 10%	26036035 26036035	*			*	10TCR-Q10
C339	47 N220 10%		*			*	10TCR-Q10
C340	.0022		CCD-222	DO-222		GP222	2SS-D22
C341	.0022		CCD-222	DD-222		GP222	2SS-D22
C342	33		CCT0-330	DTZ-33	NP033	CN0433	10TCC-Q33
C351	100 10%		CCT0-101	DTZ-100	NP0100	CN0310	10TCC-T10
C900	5		CCT0-050				10TCC-V50
C901	.005		CCD-502	DC-502	GP5000	TA250	2SS-D50
C903	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C904	.0047		CCD-472	DD-472	GP4700	GP247	2SS-D47
C905	.003 10%		6DP-3-333		DPMS6S33	EW6133	6PS-S33

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
R20	Balance	5000	26061064	TSV-5K or T-5000	C-502	MTC53L1	X201R502B
R47a	RF Gain	20K	26061044				
R67b	Volume/Switch	50K					
R67	AM "S"	50K	26061065	TSV-50K (2) or T-50K (2)	C-503 (2)	MTC54L1 (2)	X201R503B (2)
R69	ALC	1000	26061068	TSV-1K or T-1000	C-102	MTC13L1	X201R102B
R73	AM Volume Range	100K	26061066	TSV-100K or T-100K	C-104	MTC15L1	X201R104B
R85	AMC	1000	26061067	TSV-1K (2) or T-1000 (2)	C-102 (2)	MTC13L1 (2)	X201R102B (2)
R98	"RF"	100K	26061069	TSV-100K (2) or T-100K (2)	C-104 (2)	MTC15L1 (2)	X201R104B (2)
R102	Bias	100	26061063	TSV-100 (20) or T-100 (20)		MTC12L1 (20)	X201R101B (20)
R131	SSB "S"	20K		T-20K (2) or TSV-25K (2)	C-253 (2)	MTC24L1 (2)	X201R253B (2)
	SSB "S"	10K	26061070 (6)	TSV-10K (2) or T-10K (2)	C-103 (2)	MTC14L1 (2)	X201R103B (2)
R160	Squelch Range	10K	26061070	TSV-10K (2) or T-10K (2)	C-103 (2)	MTC14L1 (2)	X201R103B (2)
R162a	Squelch	20K	26061043				
R323b	Delta	20K					
R323	12.7993MHz Adjust	100K	26061071	TSV-100K or T-100K	C-104	MTC15L1	X201R104B
R325	12.8007MHz Adjust	30K	26061072	TSV-50K or T-50K	C-503	MTC54L1	X201R503B
R327	12.7997MHz Adjust	500	26061073	TSV-500 or T-500	C-501	MTC52L1	X201R501B

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

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

(20) Cut off one off the end terminals and use jumper wires to "PC" board.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFGR. PART No.			WORKMAN PART No.	MFGR. PART No.
R151 R154	2.2 3W WW 16 3W WW		26068007 26068006	R159	2000 Cold NTC		26069002

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	RF Choke (1uH)	26025060	L1846	74F106AP	
L2	Xmit Driver (27MHz)	26025050	L1792		
L3	RF Choke (1uH)	26025060	L1846	74F106AP	
L4	RF Choke (1uH)	26025061	L1845	74F106AP	
L5	Final Tank (27MHz)	26025051	L1793		
L6	Xmit Ant. (27MHz)	26025050	L1792		
L301	12MHz Osc	26025063	L1844		
T1	7.8MHz Amp	26025054	L1839		
T2	Carrier Buffer (7.8MHz)	26025055	L1787		
T3	Xmit Mixer (27MHz)	26025044	L1785		
T4	Xmit Mixer (27MHz)	26025037	L1641		
T5	Xmit Mixer (27MHz)	26025037	L1641		
T6	Xmit Mix Buff (27MHz)	26025031	L1505		
T7	Rec Ant (27MHz)	26025045	L1790		
T8	Rec RF (27MHz)	26025046	L1789		
T9	Rec RF (27MHz)	26025037	L1641		
T10	Rec Mixer (7.8MHz)	26025047	L1788		
T11	Rec Mixer (7.8MHz)	26025047	L1788		
T12	Input IF (455kHz)	26027008	D10753		
T13	Output IF (455kHz)	26027008	D10753		
T14	Xmit RF (27MHz)	26025048	L1791		
T301	1st Syn Mixer (22MHz)	26025056	L1840		
T302	1st Syn Mixer (22MHz)	26025057	L1841		
T303	2nd Syn Mixer (34MHz)	26025058	L1842		
T304	2nd Syn Mixer (34MHz)	26025058	L1842		
T305	2nd Syn Mixer (34MHz)	26025059	L1843		

BROWNING MODEL LTD

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA				NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
L7	1250mA	.1	1mH	26025062 (7966)				

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA				NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD Part No.	
T15	2	1 CT		25022010 (7378)				

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA				NOTES
	PRI.	SEC.	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T16	64	16	26023014 (8494)				

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP1	6.3" X 2.35" PM, 16 ohms	26015175	26A07216	

PARTS LIST AND DESCRIPTION (CONTINUED)

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

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA					
		PART No.		BUSS PART No.		LITTELFUSE PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER
F1	3A Quick Acting	26014045	26016027	AGC3	HDJ	312003	150145
							F63-2

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
K1	Relay	26016032	160 ohms 4C-2P 12V (Microphone)
K2	Relay	26016049	45.5 ohms 4C-2P 6V (AM)
S1	Switch	26014063	Channel
S2	Switch	26014044	
S3	Switch	26014064	PA-CB
S4	Switch	26014064	NA-Off
U1	Filter	26015174	7.8MHz (Crystal)
U2	Filter	26019007	455kHz (Ceramic)
U3	Filter	26019004	455kHz (Ceramic)
X1	Crystal	26015215	7.7985MHz
X2	Crystal	26015216	7.8015MHz
X3	Crystal	26015217	7.3450MHz
X301	Crystal	26015208	15.965MHz
X302	Crystal	26015209	16.015MHz
X303	Crystal	26015210	16.065MHz
X304	Crystal	26015211	16.115MHz
X305	Crystal	26015212	16.165MHz
X306	Crystal	26015213	16.215MHz
X307	Crystal	26015204	6.000MHz
X308	Crystal	26015205	6.010MHz
X309	Crystal	26015206	6.020MHz
X310	Crystal	26015207	6.040MHz
X311	Crystal	26015214	12.800 MHz

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

ITEM	PART No.	ITEM	PART No.
Panel	26016018	Knob A, Channel	26086048
Cover	26084042	Knob B, Mode	26086049
Dial	26082003	Knob C, RF-Gain/Squelch	26086050
Sub Panel A for Ch, Sw	26074056	Knob D, Volume/Delta	26086051
Bracket	26074087		

ACCESSORIES

ITEM	MFGR. PART No.	REMARKS
Microphone	26015229	Dynamic

WIRING DATA

General-use Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
	8524 (Stranded) Available in 12 Colors
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
Ignition Noise Suppression	Use BELDEN No. 7300-Series Spark-Plug Sets
Bonding Strap	Use BELDEN No. 8661 (3/8 inch)