



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 "T" COMMAND (4007)

MANUFACTURER'S SPECIFICATIONS

GENERAL

Channels	40
Frequency Range	26.965 MHz to 27.405 MHz
Frequency Control	PLL Synthesized
Clock	12 Hour, Digital
Antenna Impedance	50 ohm
Power Input	117V AC or 13.8V DC
Accessories	AC and DC Power Cord, Detachable Dynamic Microphone, Microphone Hanger
Size	15" (W) x 11-1/2" (D) x 4-3/4" (H)

TRANSMITTER

Output Power	4 watts
Emission Type	6A3
Hum and Noise	Better than -60 dB
Frequency Tolerance	0.003%
Modulation Percentage (Peak)	100%

RECEIVER

Sensitivity at 100 dB S + N/N	1.0 μ V
Sensitivity for 500 mW Audio Output	0.5 μ V
Squelch Threshold	1.0 μ V
Squelch Deepest Point	2000 μ V
"S" Meter S-9	50 μ V
Delta Tune	1500 Hz
Maximum AF Output Power	4 watts
AF Output Power/10% Distortion	3 watts
Selectivity BW @ 6 dB Down	7 KHz
Adjacent Channel Rejection	-65 dB
Image Rejection	-70 dB
Speaker Impedance	8 ohms
Headphone Impedance	8 ohms

Courtesy of the Manufacturer

TEABERRY MODEL "T" COMMAND

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

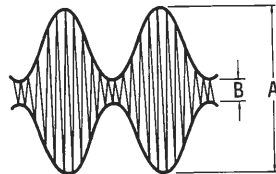
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ALIGNMENT INSTRUCTIONS

CAUTION: Use isolation transformer or observe polarity when connecting test equipment. Maintain line voltage at 120V AC. Allow a 15-minute warm-up period. Adjust VR201 for 13.8 volts DC at TP13 in AC power supply. Connect low sides of test equipment to ground unless specified otherwise. Connect 50-ohm dummy load or antenna before keying transmitter. Connect microphone.

Suggested Alignment Tools:

	GC ELECTRONICS
L1 thru L5, L16, L17, L18, L20, L21, L24, L27, L28	9440
L6, L7, L8	5000, 5009, 8276, 8728, 8728A
L10, L12, L15	9304, 8728, 8728A
VC1	5000, 8276



$$\text{Modulation Ratio} = \frac{A - B}{A + B} \times 100 (\%)$$

FIGURE 1

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of oscilloscope to TP1 (L5 secondary).	Ch. 19	L5	Adjust for maximum RF output.
Input of frequency counter to TP1 (L5 secondary).	Ch. 19 Delta Tune Midrange	VC1	Adjust for 10.240MHz.
Input of DC meter to TP5 (IC5 pin 5).	Ch. 1 Delta Tune Midrange	L20	Adjust for 2.00 volts.
Input of oscilloscope to TP6 (L21 secondary).	Ch. 19	L21	Adjust for maximum RF output.
Input of frequency counter to TP6 (L21 secondary).	Ch. 1		Check for 37.660MHz. Check all channels. (See truth chart for correct frequencies.)
Input of frequency counter to TP10 (L24 secondary).	Ch. 19	L24	Adjust for 36.570MHz.
Input of frequency counter to TP4 (IC3 pin 11).	Ch. 1		Check for 1.090MHz. Check all channels. (See truth chart for correct frequencies)
Input of oscilloscope to TP11 (TR9 gate 2).	Ch. 19 XMT	L18	Adjust for maximum RF output.
Input of frequency counter to TP11 (TR9 gate 2).	Ch. 19 XMT		Check for 10.695MHz.
Input of frequency counter to TP3 (TR8 base).	Ch. 19 XMT		Check for 27.185MHz. If necessary readjust L24 for 27.185MHz.

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. Delta Tune Midrange, RF Gain Maximum, Squelch MINIMUM, NB Switch OFF.

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP12. (TR3 base). 455kHz, 1000Hz @ 30% modulation	Ch. 19	L8, L7, L6	Adjust for maximum output.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% Mod.	Ch. 19	L4, L3, L2, L1	Adjust for maximum output. If necessary readjust L6, L7 and L8.
Output of signal generator thru .01uF to antenna input. 23.5MHz no modulation. Input of oscilloscope to TP7 (TR26 base).	Ch. 19	L27, L28	NOISE BLANKER Adjust for maximum RF output.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Delta Tune Midrange, RF Gain Maximum, NB Switch OFF.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% Mod. Output 50,000uV.	Ch. 19 Squelch MINIMUM	VR2	AGC Set volume (VR301) for 0db. Decrease generator output to 50uV. Adjust so that audio does not drop more than 10db.
Output of signal generator thru .01uF to antenna input 27.185MHz, 1000Hz @ 30% mod. Output 1000uV.	Ch. 19 Squelch maximum	VR3	SQUELCH RANGE Adjust so that squelch just breaks.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% mod. Output 100uV.	Ch. 19 Squelch MINIMUM	VR1	S METER Adjust for 9 on signal scale of panel meter.

TRANSMITTER ALIGNMENT

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

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of RF wattmeter and 50 ohm, 25 watt dummy load to antenna input.	Ch. 19	L17,L16,L15	Adjust for maximum RF output.
Input of RF wattmeter and 50 ohm, 25 watt dummy load to antenna input.	Ch. 19	L12	Adjust for 4.0 watts RF output maximum.
Input of spectrum analyzer or harmonic meter to antenna input.	Ch. 19	L10	Adjust for MINIMUM at 54MHz (2nd Harmonic).

TRANSMITTER ADJUSTMENTS

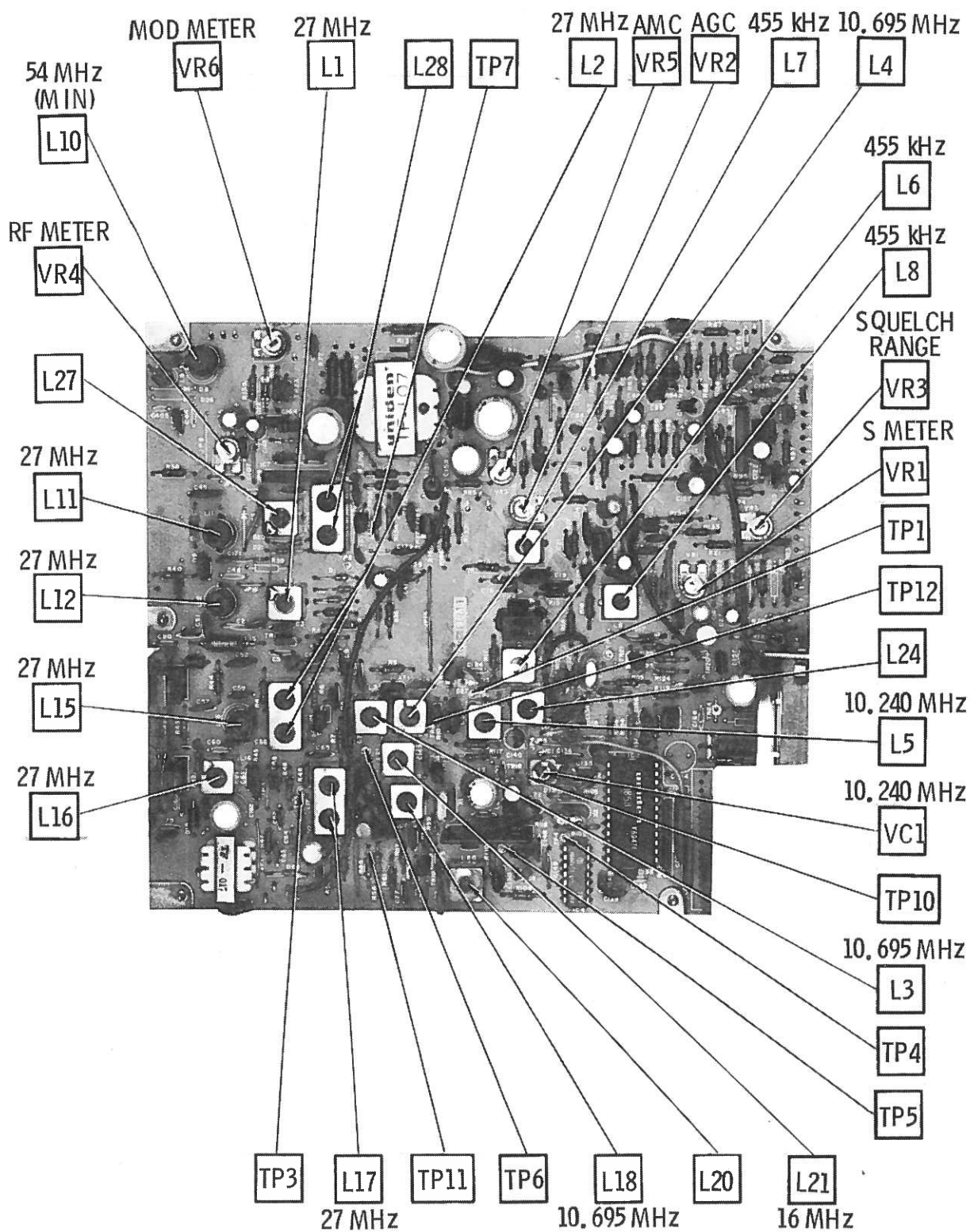
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.
NOTE: Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.
See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of oscilloscope or modulation meter to antenna input. Inject a 1000Hz, 10mV signal at mic input.	Ch. 19 Mic Gain Maximum Mod/S-RF Mod	VR5	AMC Adjust for 100% modulation maximum. See Figure 1.
Input of oscilloscope or modulation meter to antenna input. Inject a 1000Hz, 10mV signal at mic input.	Ch. 19 Mic Gain Maximum MOD/S-RF Mod	VR6	MOD METER Adjust so that panel meter agrees with modulation meter or oscilloscope. See Figure 1.
Input of RF wattmeter and 50 ohm, 25 watt dummy load to antenna input.	Ch. 19 MOD/S-RF S/Rf	VR4	RF METER Adjust so that panel meter agrees with RF wattmeter.

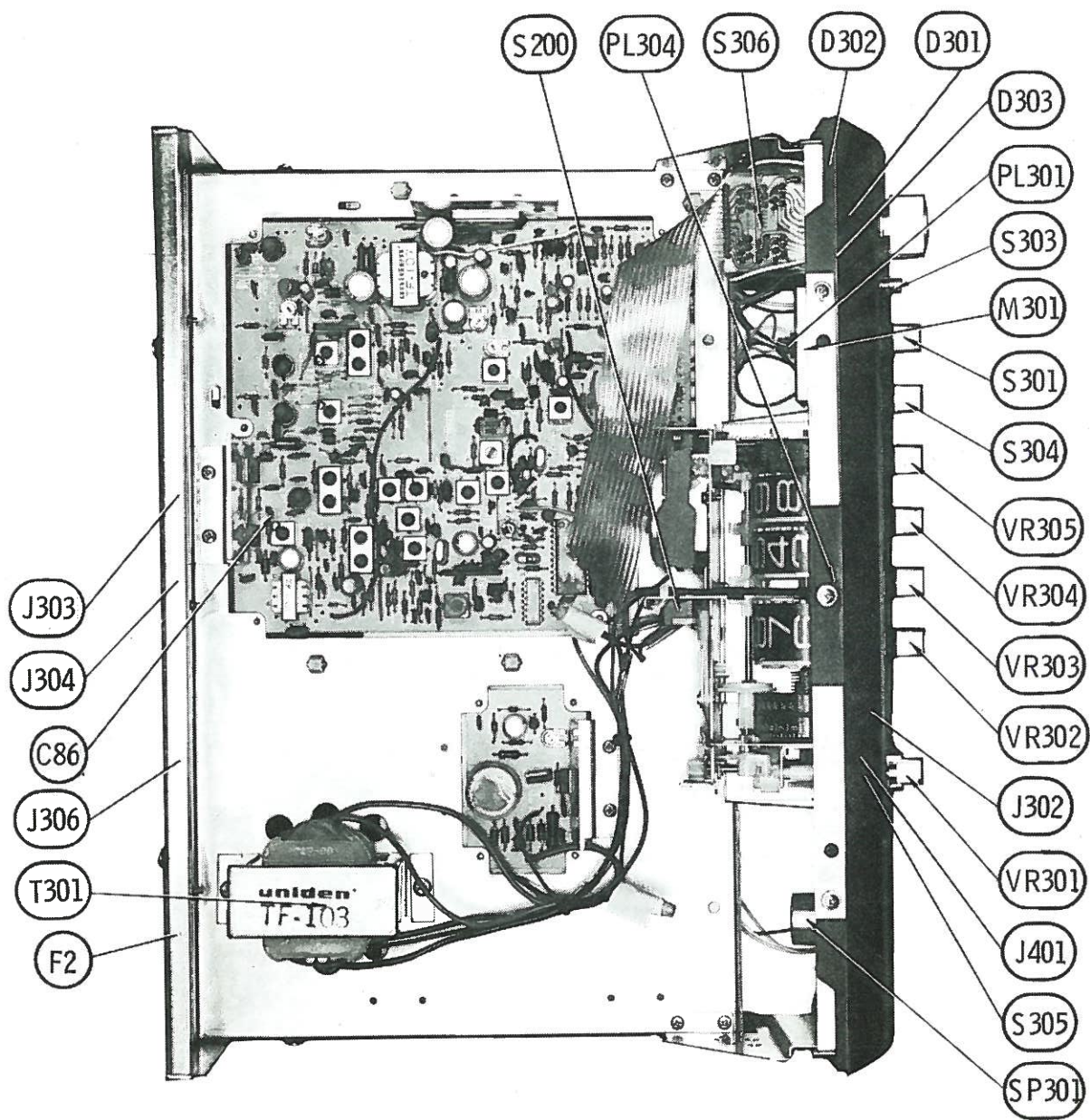
TEABERRY MODEL "T" COMMAND

TRUTH CHART

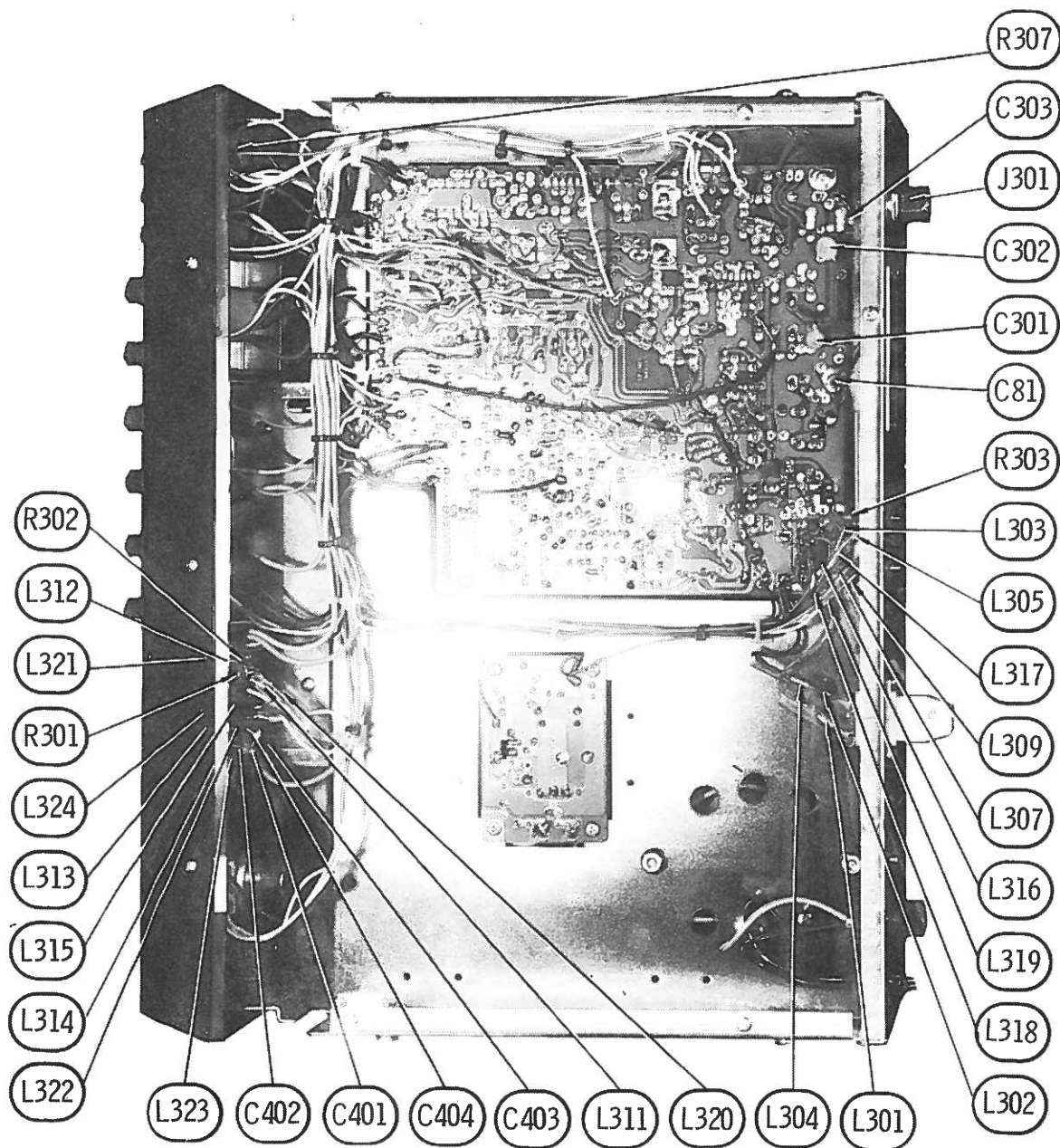
C H A N N E L	1 = 4.84 Volts 0 = 0 Volts IC3 PROGRAM DIVIDER								REC and XMT VCO OUTPUT IN MHz AT TP6	DIVIDER INPUT IN MHz AT TP4	
	PINS										
		19	18	17	16	15	14	13			
1		0	0	0	1	0	0	1	37.660	1.090	
2		0	0	1	0	0	0	0	37.670	1.100	
3		0	0	1	0	0	0	1	37.680	1.110	
4		0	0	1	0	0	1	1	37.700	1.130	
5		0	0	1	0	1	0	0	37.710	1.140	
6		0	0	1	0	1	0	1	37.720	1.150	
7		0	0	1	0	1	1	0	37.730	1.160	
8		0	0	1	1	0	0	0	37.750	1.180	
9		0	0	1	1	0	0	1	37.760	1.190	
10		0	1	0	0	0	0	0	37.770	1.200	
11		0	1	0	0	0	0	1	37.780	1.210	
12		0	1	0	0	0	1	1	37.800	1.230	
13		0	1	0	0	1	0	0	37.810	1.240	
14		0	1	0	0	1	0	1	37.820	1.250	
15		0	1	0	0	1	1	0	37.830	1.260	
16		0	1	0	1	0	0	0	37.850	1.280	
17		0	1	0	1	0	0	1	37.860	1.290	
18		0	1	1	0	0	0	0	37.870	1.300	
19		0	1	1	0	0	0	1	37.880	1.310	
20		0	1	1	0	0	1	1	37.900	1.330	
21		0	1	1	0	1	0	0	37.910	1.340	
22		0	1	1	0	1	0	1	37.920	1.350	
23		0	1	1	1	0	0	0	37.950	1.380	
24		0	1	1	0	1	1	0	37.930	1.360	
25		0	1	1	0	1	1	1	37.940	1.370	
26		0	1	1	1	0	0	1	37.960	1.390	
27		1	0	0	0	0	0	0	37.970	1.400	
28		1	0	0	0	0	0	1	37.980	1.410	
29		1	0	0	0	0	1	0	37.990	1.420	
30		1	0	0	0	0	1	1	38.000	1.430	
31		1	0	0	0	1	0	0	38.010	1.440	
32		1	0	0	0	1	0	1	38.020	1.450	
33		1	0	0	0	1	1	0	38.030	1.460	
34		1	0	0	0	1	1	1	38.040	1.470	
35		1	0	0	1	0	0	0	38.050	1.480	
36		1	0	0	1	0	0	1	38.060	1.490	
37		1	0	1	0	0	0	0	38.070	1.500	
38		1	0	1	0	0	0	1	38.080	1.510	
39		1	0	1	0	0	1	0	38.090	1.520	
40		1	0	1	0	0	1	1	38.100	1.530	



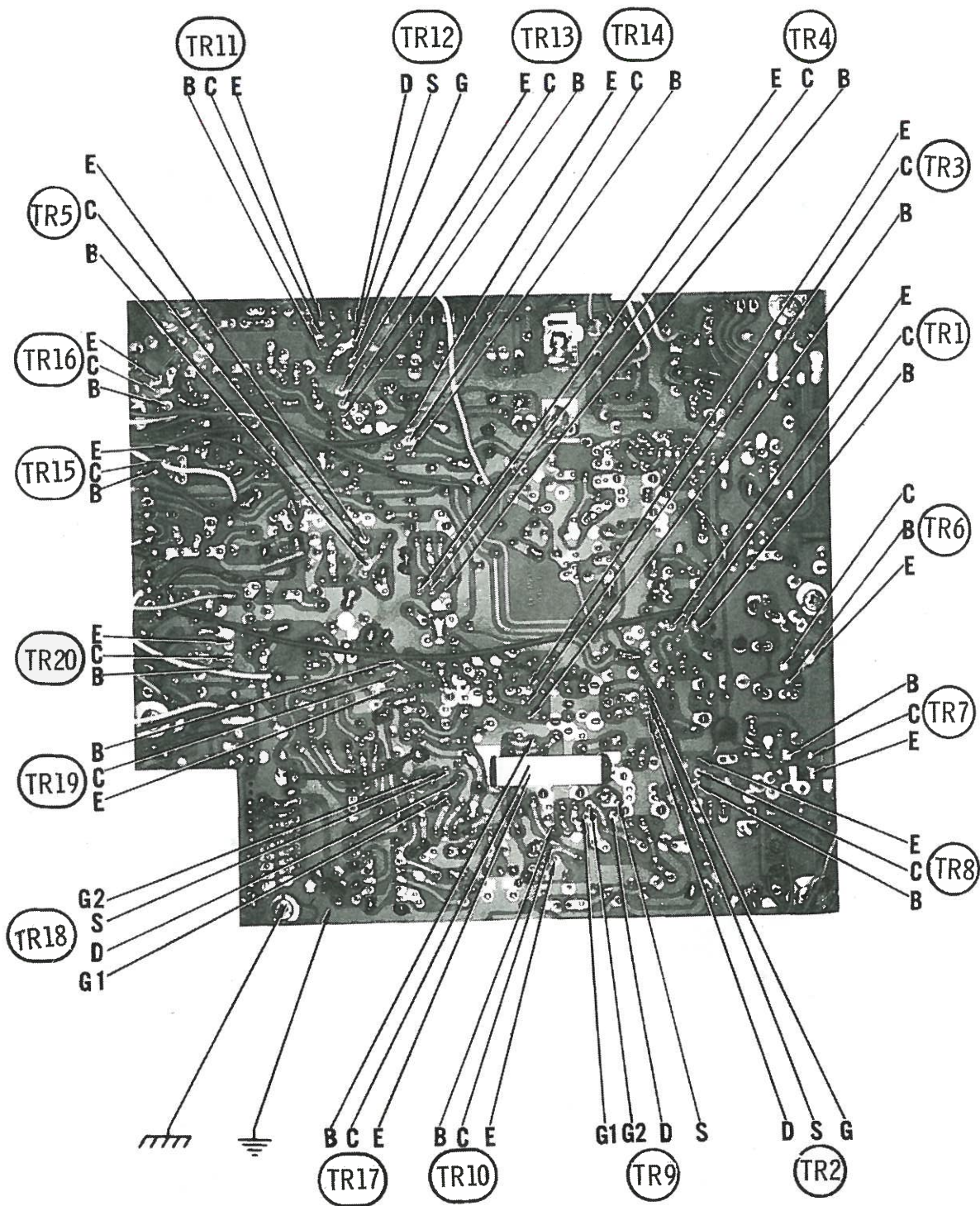
MAIN BOARD



CHASSIS-TOP

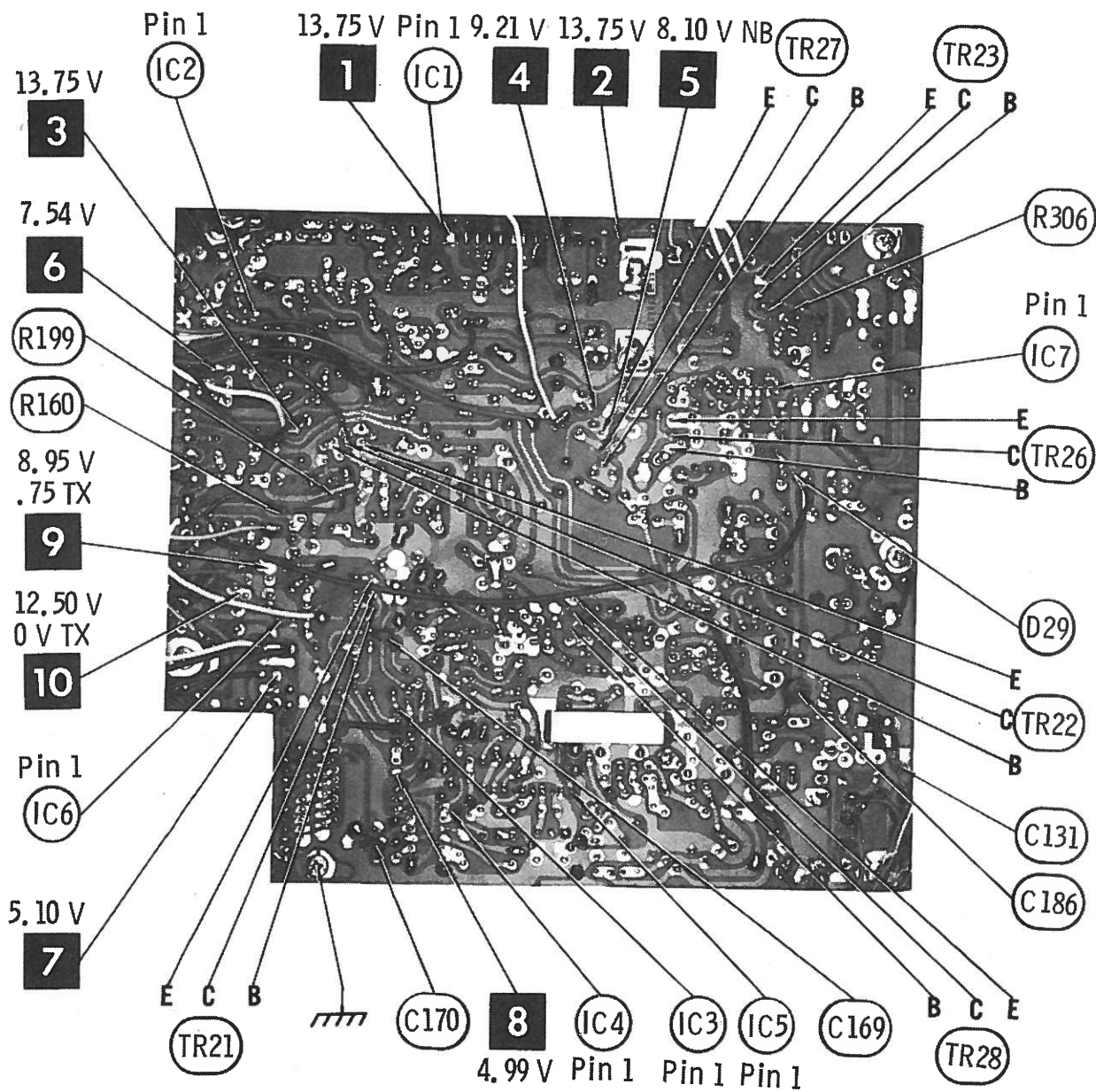


CHASSIS-BOTTOM

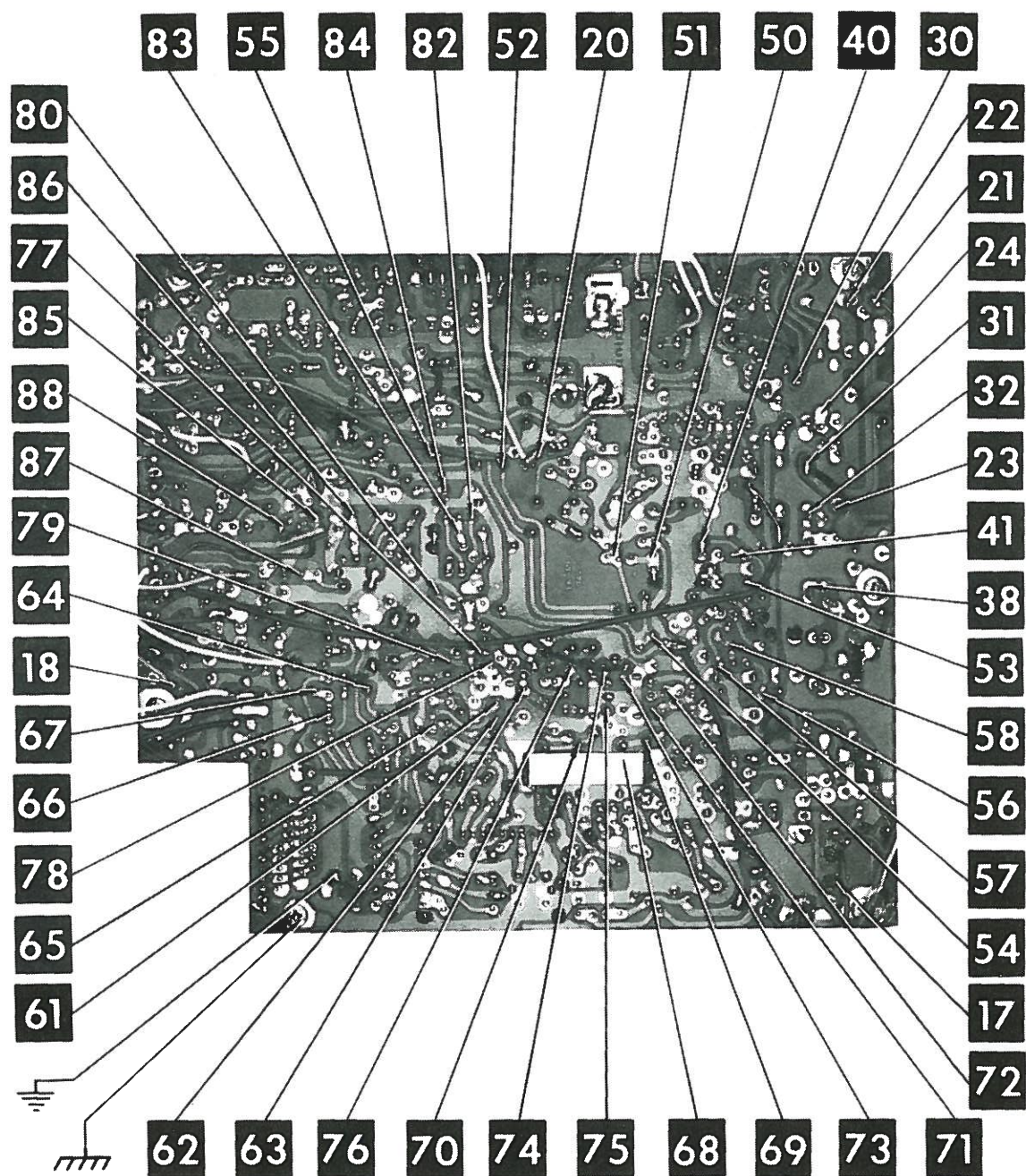


MAIN BOARD

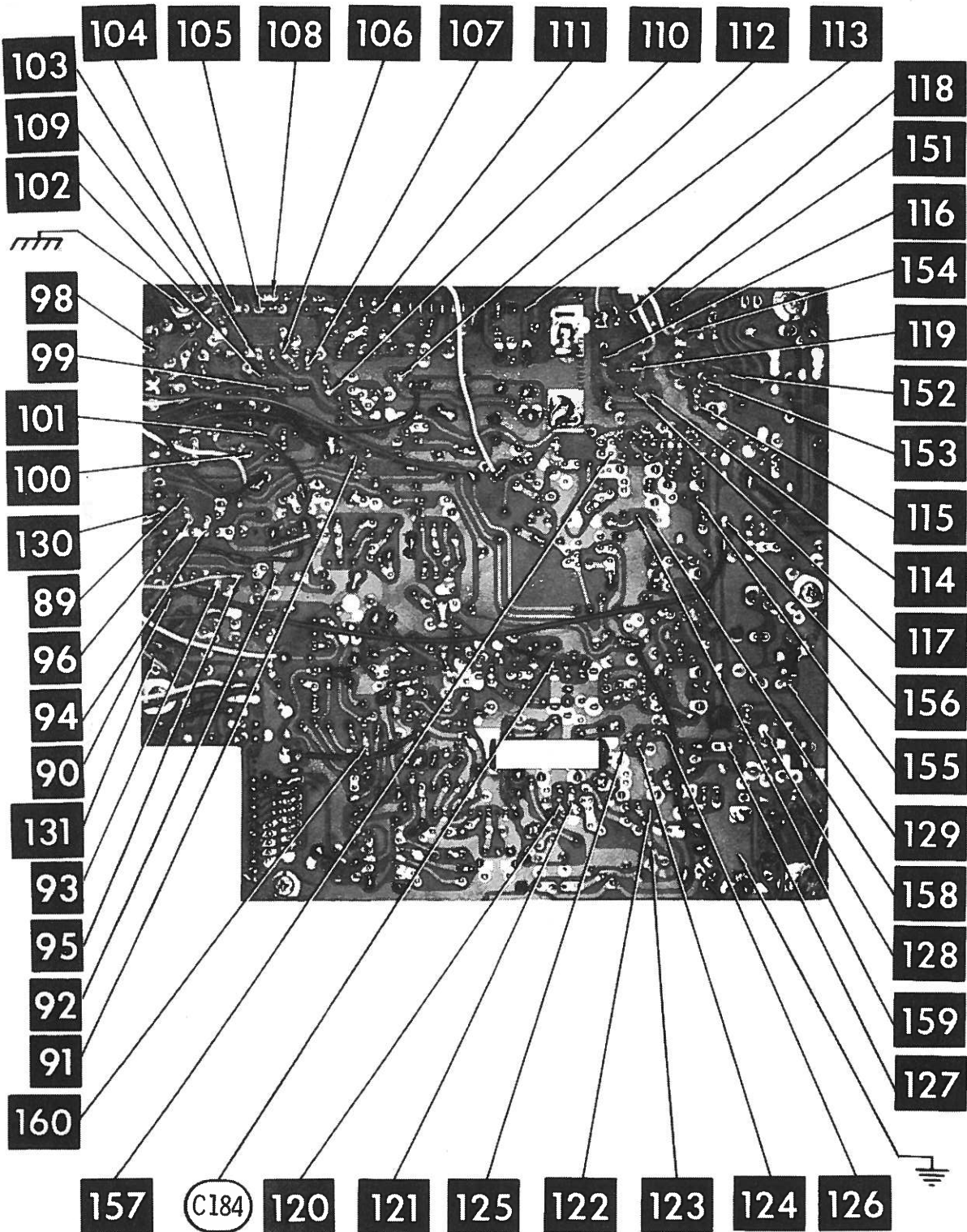
TEABERRY MODEL "T" COMMAND



MAIN BOARD

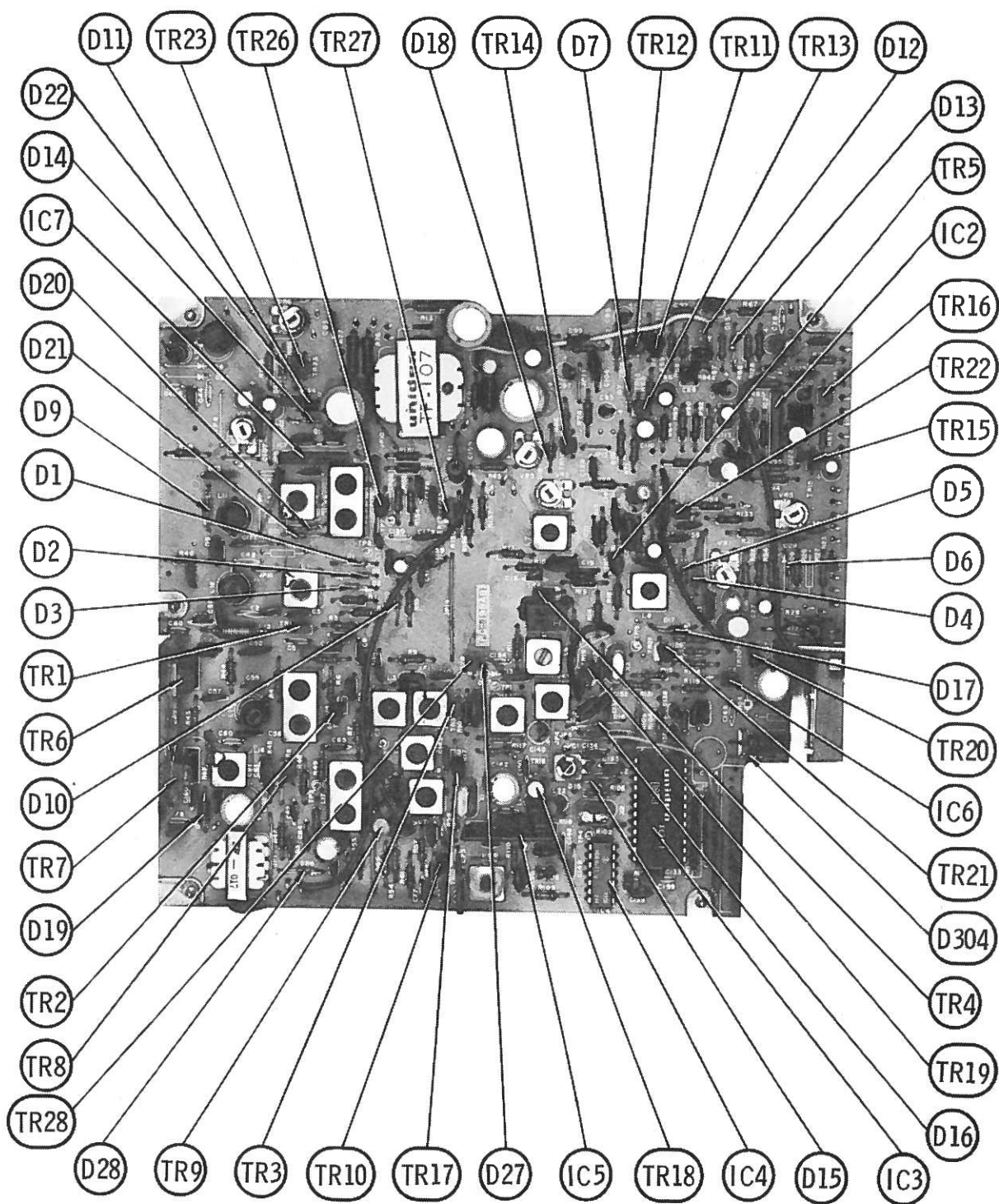


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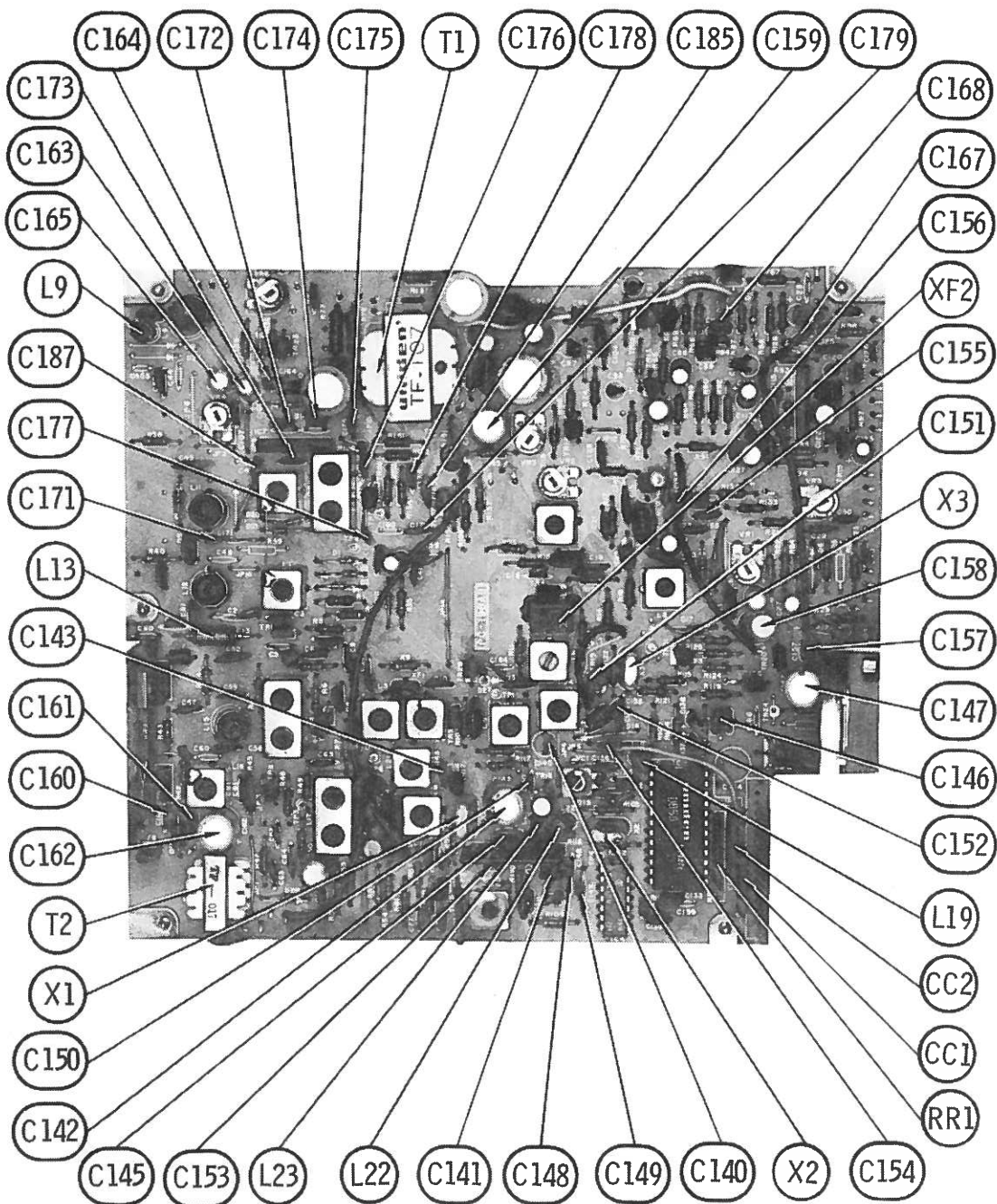


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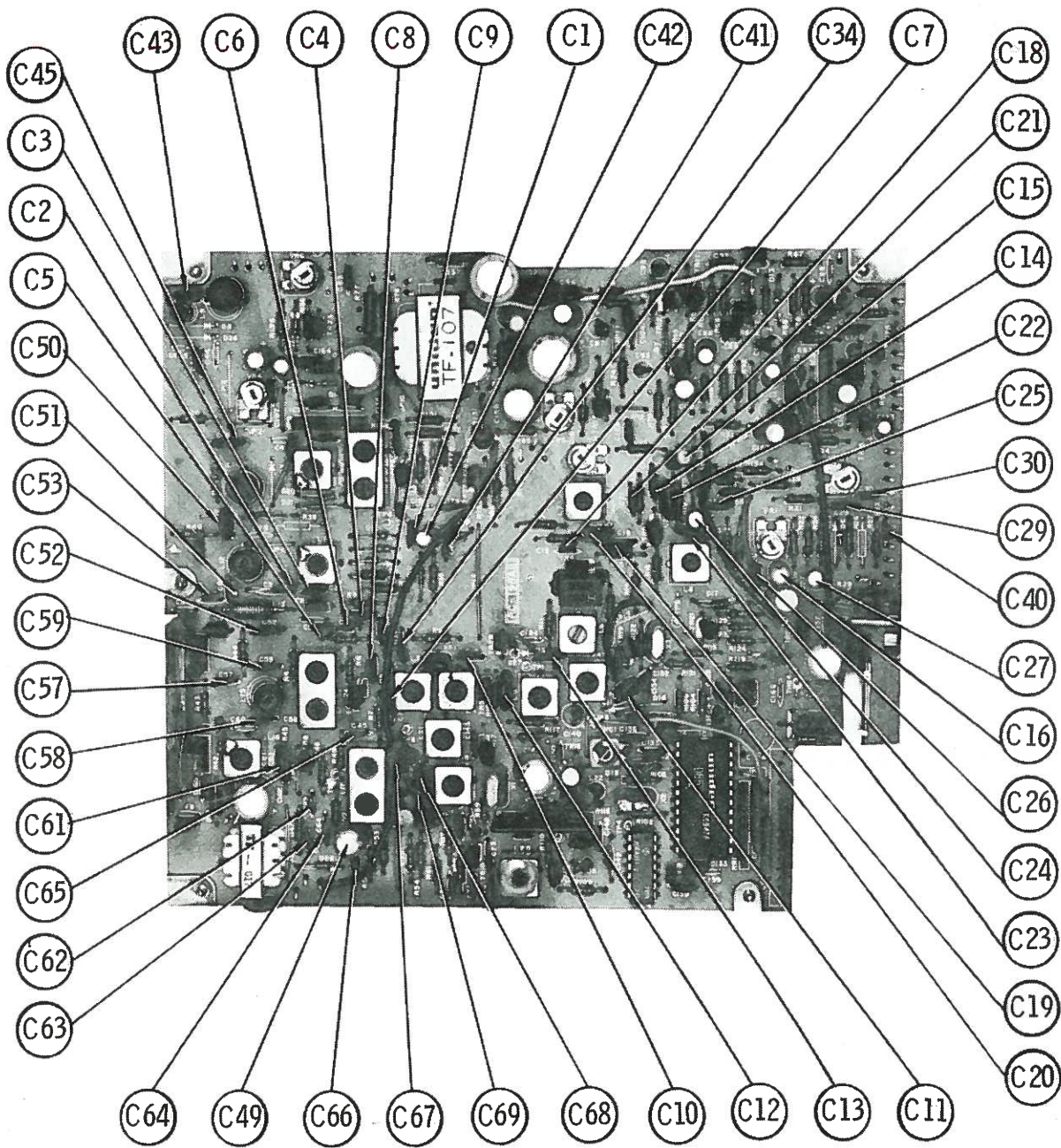
MAIN BOARD



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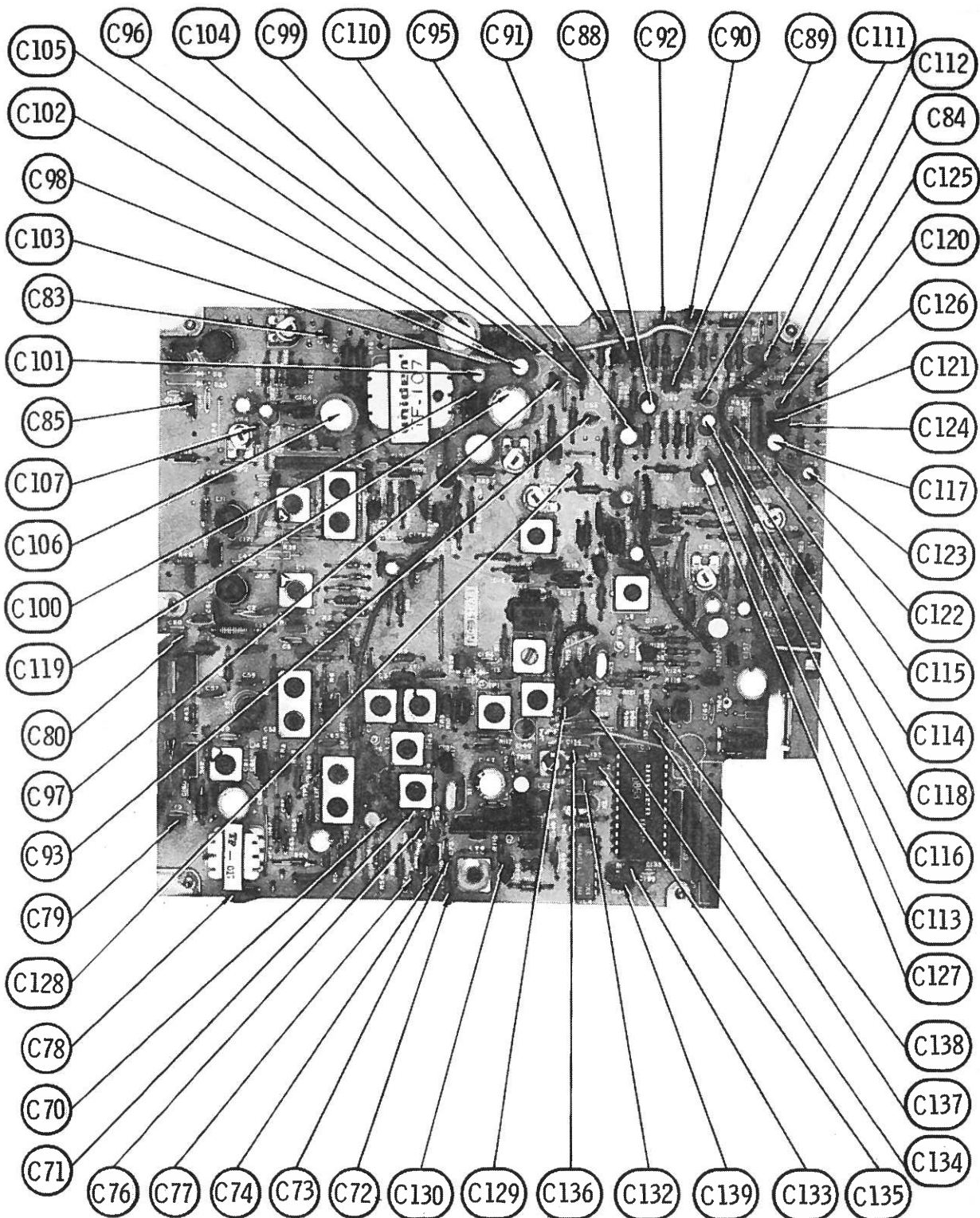


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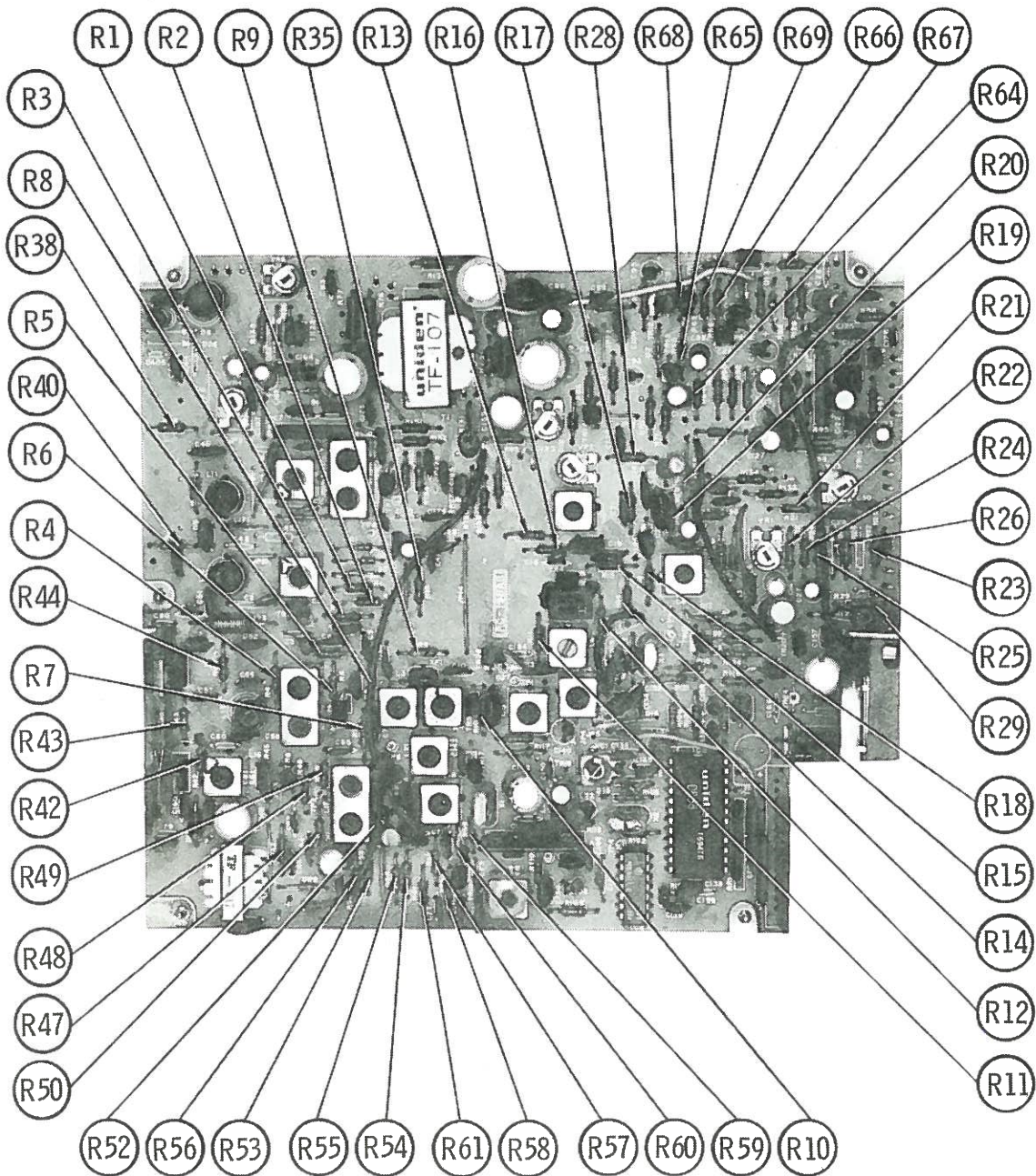


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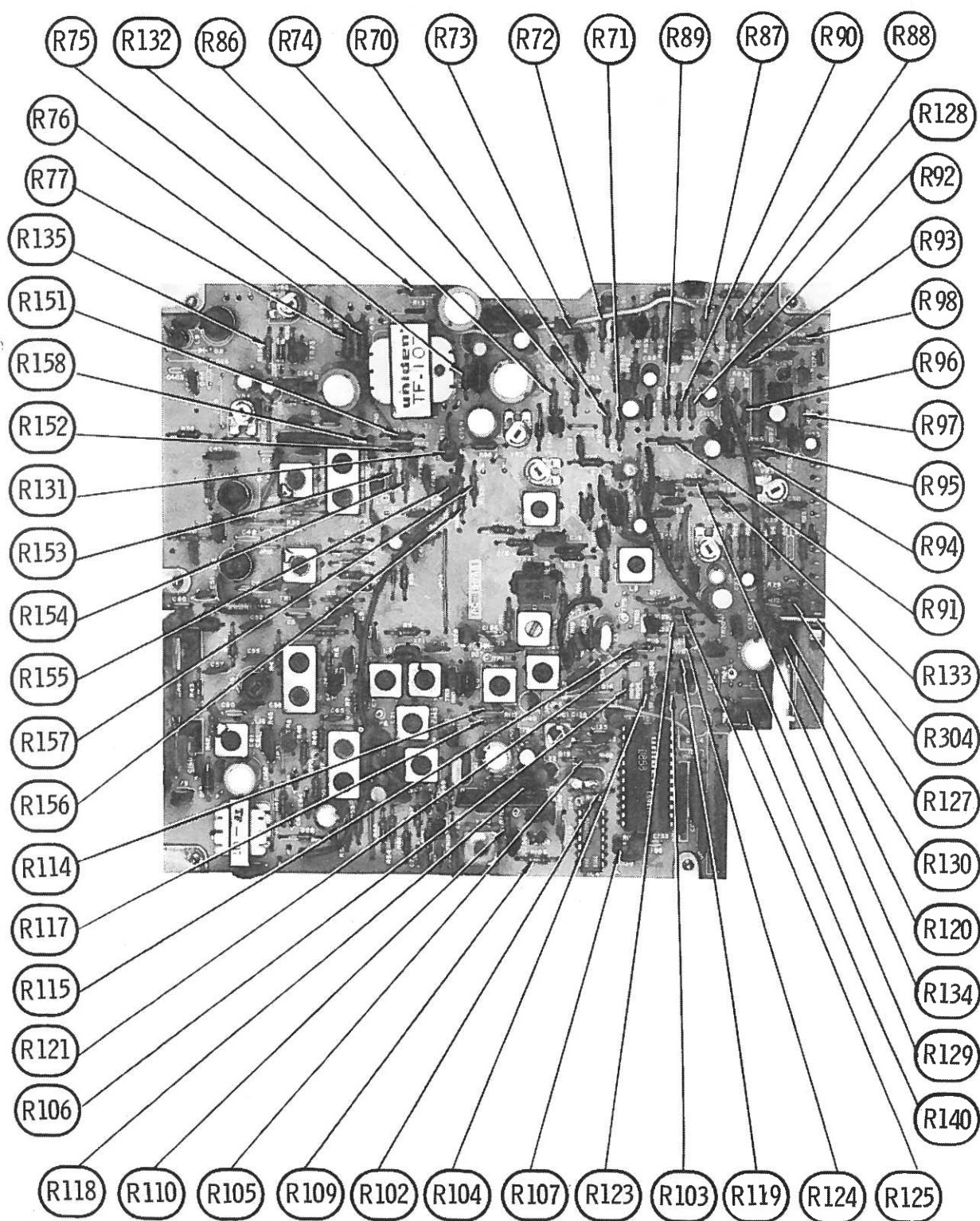
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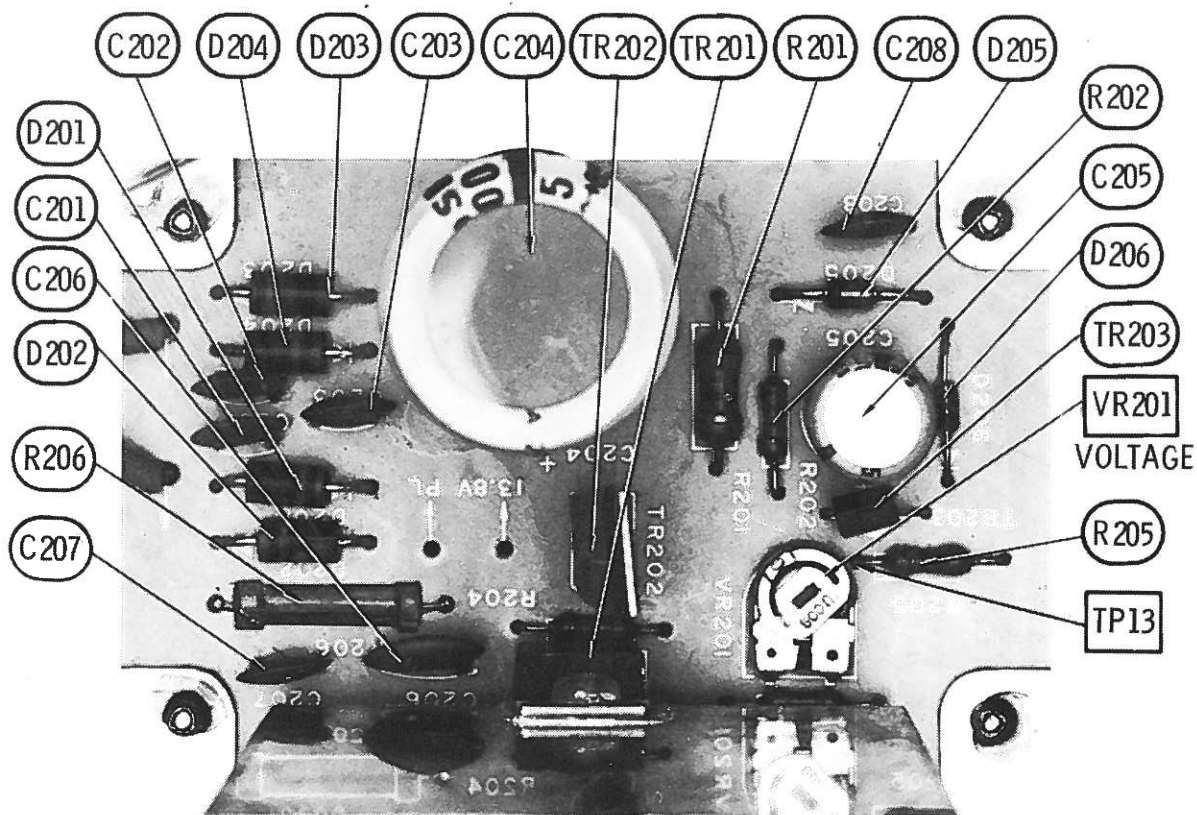
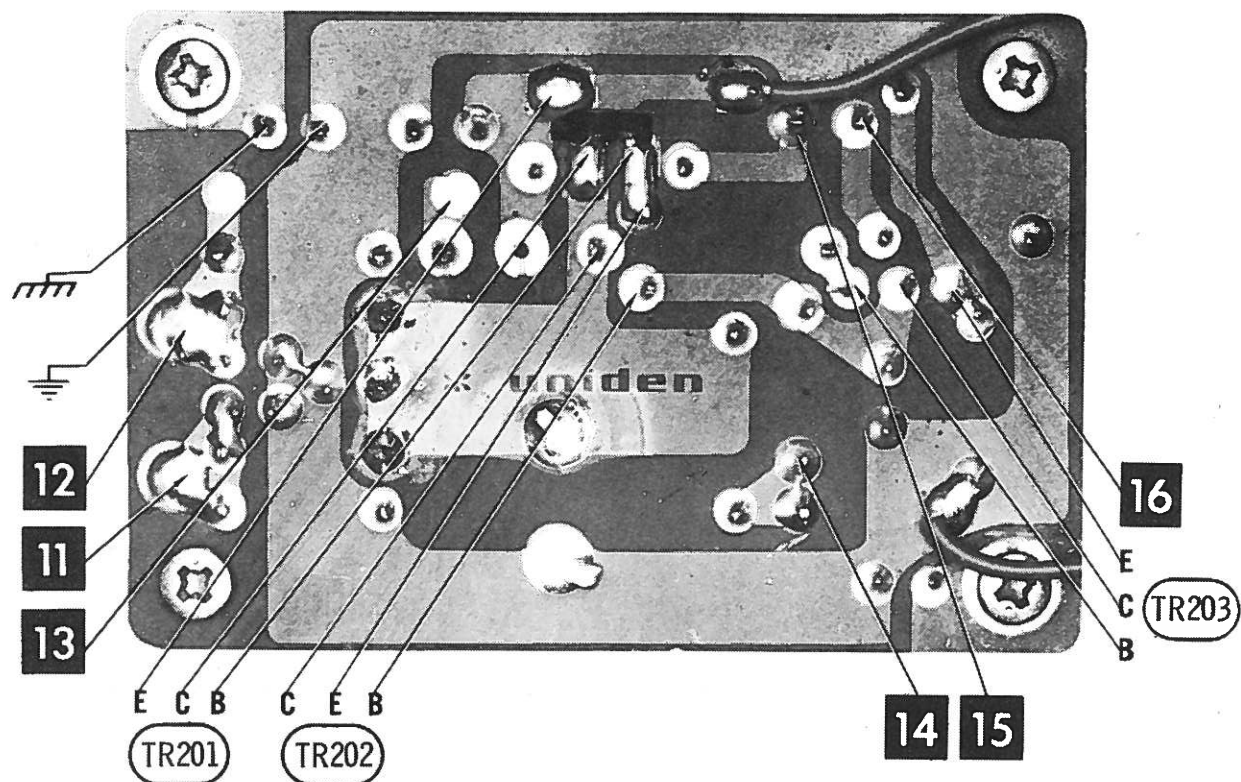
MAIN BOARD



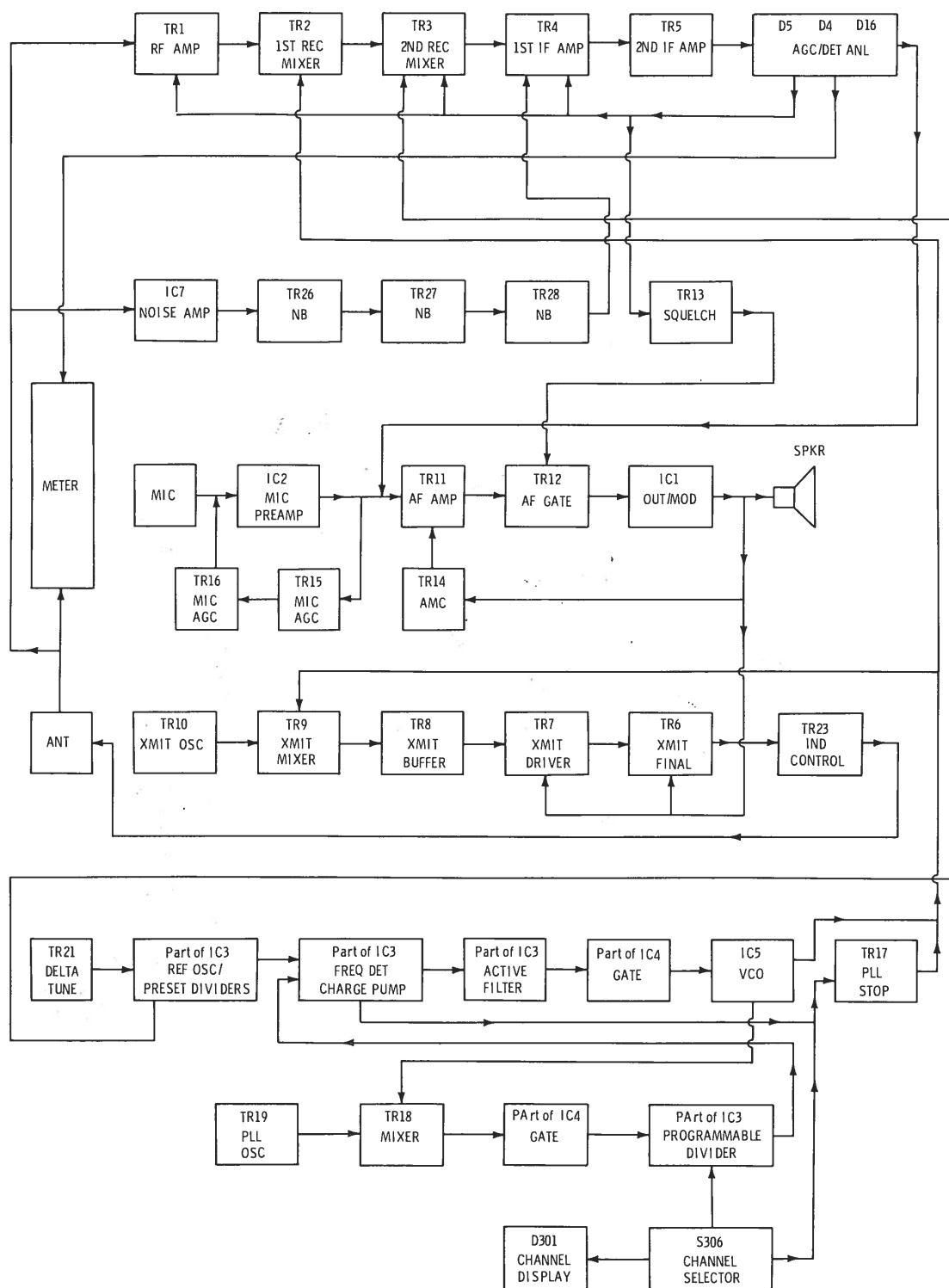
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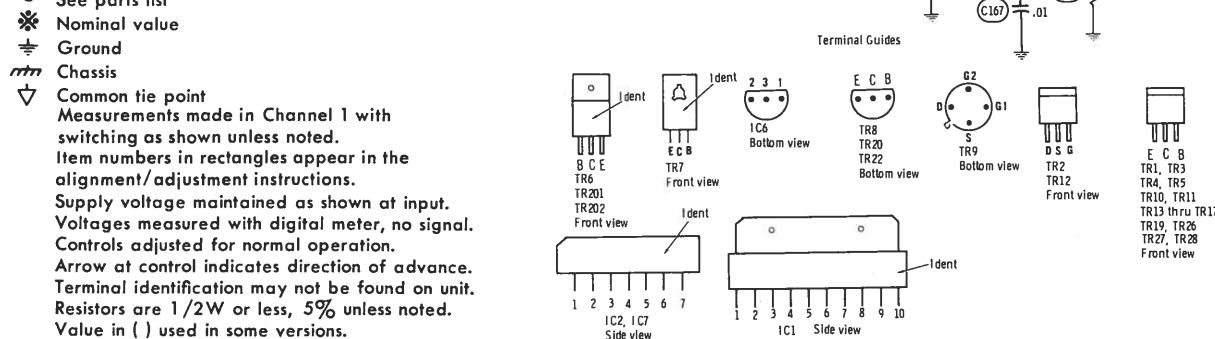
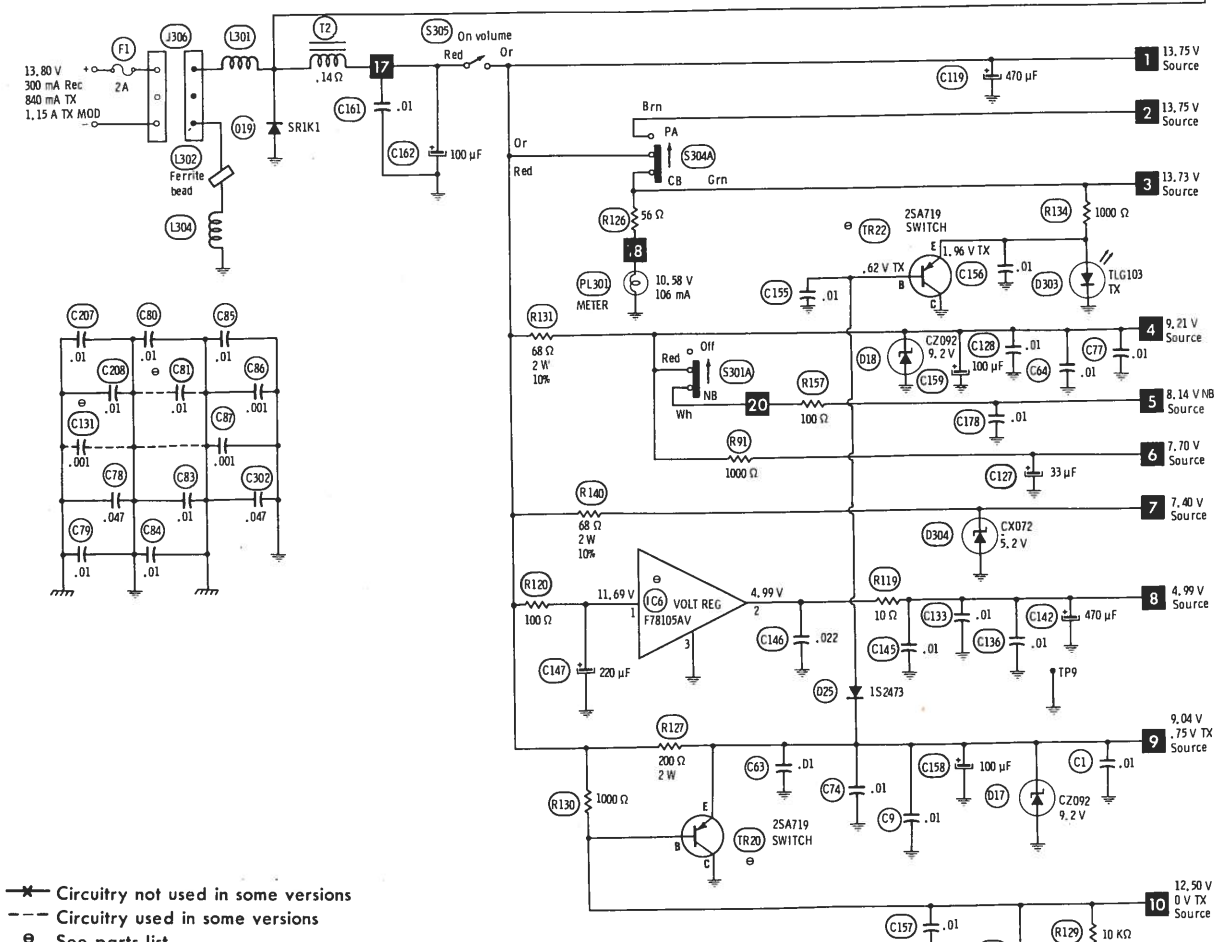
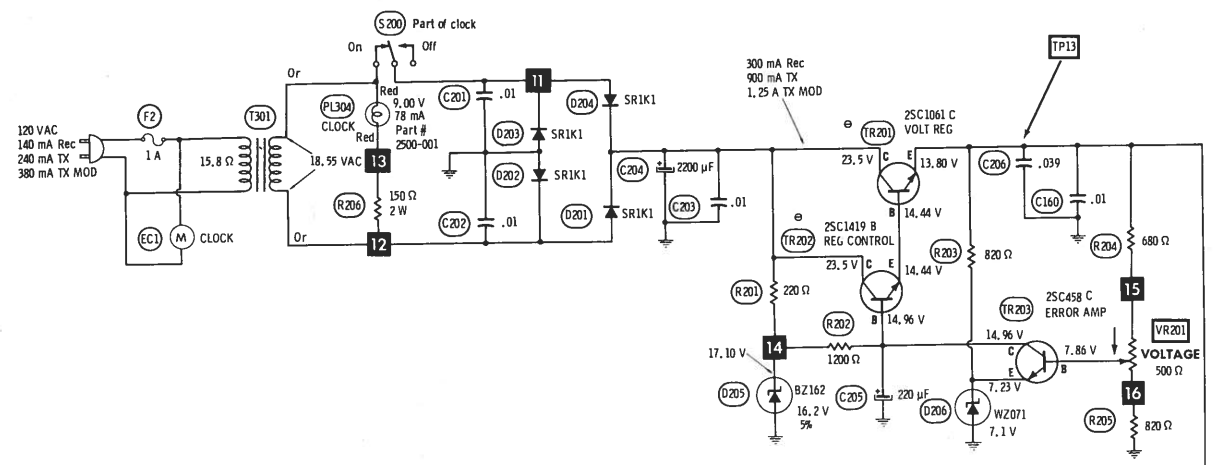
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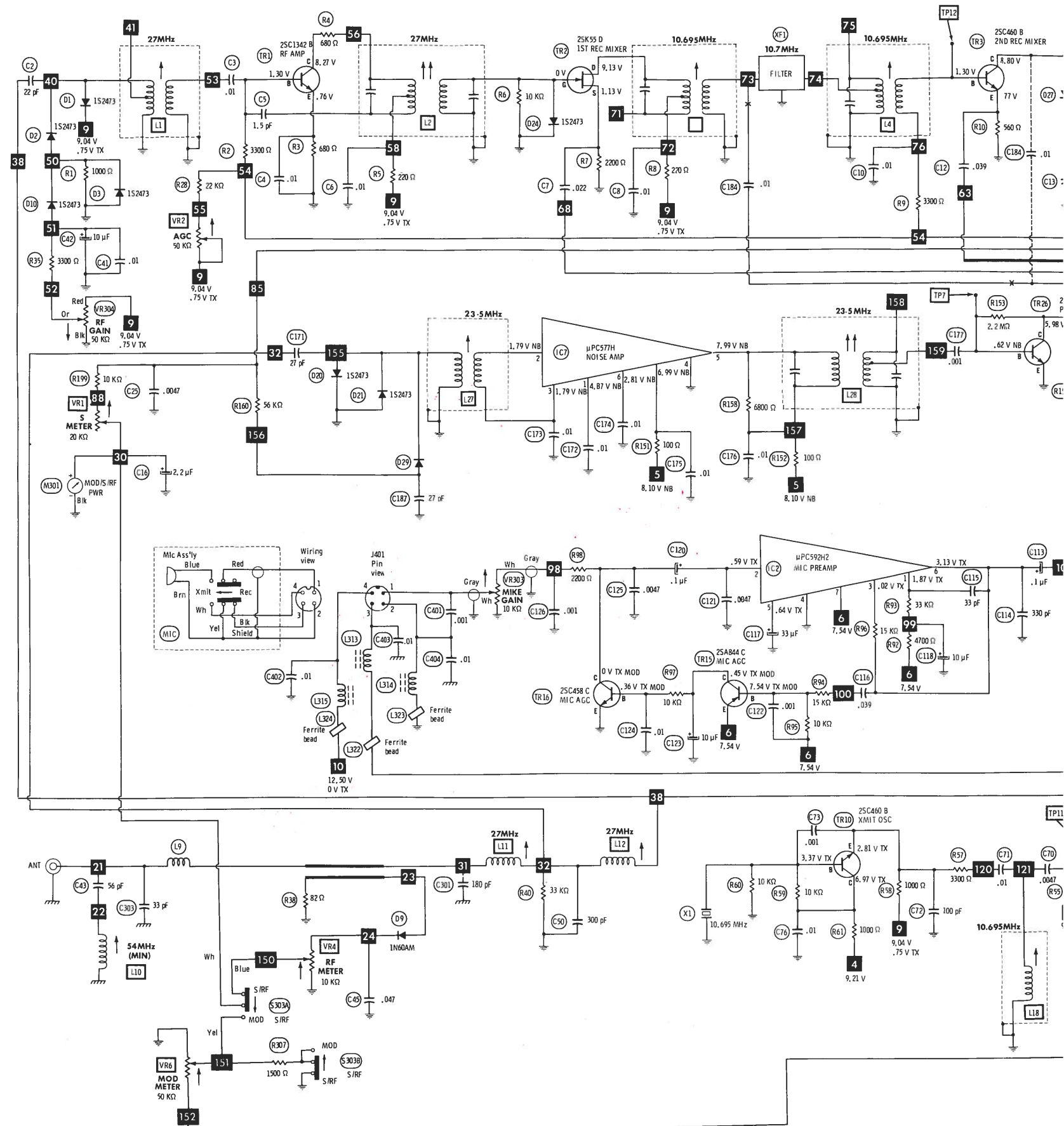
POWER SUPPLY BOARD



BLOCK DIAGRAM



* Circuitry not used in some versions
 - - - Circuitry used in some versions
 e See parts list
 * Nominal value
 Ground
 Chassis
 Common tie point
 Measurements made in Channel 1 with switching as shown unless noted.
 Item numbers in rectangles appear in the alignment/adjustment instructions.
 Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 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.



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 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.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
D1	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D2	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D3	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D4	1N60AM	DDAY001022	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D5	1N60AM	DDAY001022	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D6	1S2473K	DDAY048013	GE-300	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG177		WEP1062	
D7	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D9	1N60AM	DDAY001022	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D10	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D11	SRK-1	DDAY002001	GE-504A	PTC201	HEPRO052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-76
D12	1S2473K	DDAY048013	GE-300	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG177		WEP1062	
D13	1S2473K	DDAY048013	GE-300	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG177		WEP1062	
D14	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D15	1S2339G	DDAY030002	GE-90	PTC214	HEPR2503			RT-262	ECG614		WEP200	ZEN-453
D16	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D17	C2092	DDAY010006	GEZD-9.1	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139	1N4739A	WEP1109	103-272
D18	C2092	DDAY010006	GEZD-9.1	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139	1N4739A	WEP1109	103-272
D19	SRK-1	DDAY002001	GE-504A	PTC201	HEPRO052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-76
D20	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D21	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D22	1N60AM	DDAY001022	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D27	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D28	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D29	1S2473	DDAY048012	GE-514	PTC214	HEPRO602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D201	SRK-1	DDAY002001	GE-504A	PTC201	HEPRO052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-76
D202	SRK-1	DDAY002001	GE-504A	PTC201	HEPRO052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-76
D203	SRK-1	DDAY002001	GE-504A	PTC201	HEPRO052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-76
D204	SRK-1	DDAY002001	GE-504A	PTC201	HEPRO052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-76
D205	BZ-162	DDAY009007	GEZD-16	ZB16B		RE 122		RT-246	ECG5075A	1N4745A	WEP1160	
D206	WZ-071	DDAY008020	GEZD-7.5	ZM7.5B		RE 111		RT-239	ECG5015	1N4737A	WEP1416	
D304	C2072	DDAY010007	GEZD-7.5	ZM7.5B		RE 111		RT-239	ECG5015	1N4737A	WEP1416	
IC1	UPC1156H	DDEY091001							ECG1194			
IC2	UPC592H2	DDEY091001							ECG1195			
IC3	UPD858	DDEY091001							ECG1198			
IC4	UPD858C	DDEY091001							ECG1198			
IC5	MB840114	DDEY089001							ECG1198			
IC6	UHC1004	DDEY087001							ECG4011B			
IC6	78L05A	DDEY088001							ECG1203			
IC7	NJM78L05A	DDEY088001							ECG977			
IC7	UPC577H	DDEY064001							ECG977			
TR1	25C1342B	DDBY287001	GEIC-140	PTC136*	HEPS0014*	RE 387-IC	SK3462	RT-108A*	ECG229*	UPC577H	WEP939	ZEN-127
TR2	25K55D	DDCY006001	GE-61*	PTC136*	HEPS0014*	RE 341-M	SK3461	RT-108A*	ECG229*		WEP956*	ZEN-127
TR2	25K55D	DDCY006001	GE-FET-2	PTC161	HEPF0021	RE 9*	SK3018*	RT-175	ECG312		WEP956*	ZEN-123
TR3	25C460B	DDBY277002	GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312		WEP956*	ZEN-123
TR4	25C460B	DDBY277002	GE-61*	PTC136*	HEPS0014*	RE 9	SK3122*	RT-134	ECG233	25C460	WEP460	121-722
TR4	25C460B	DDBY277002	GE-61*	PTC136*	HEPS0014*	RE 9	SK3122*	RT-134	ECG233	25C460	WEP460	121-722
TR4	25C460B	DDBY277002	GE-61*	PTC136*	HEPS0014*	RE 9	SK3122*	RT-134	ECG233	25C460	WEP460	121-722
TR5	25C460B	DDBY277002	GE-61*	PTC136*	HEPS0014*	RE 9	SK3122*	RT-134	ECG233	25C460	WEP460	121-722
TR6	25C2092	DDBY289001 (12)	GE-61*	PTC136*	HEPS0014*	RE 9	SK3122*	RT-134	ECG233	25C460	WEP460	121-722
TR7	25C2091	DDBY288001 (13)	GE-337	PTC186	HEPS0014*	RE 203	SK3197	RT-146	ECG235	25C460	WEP460	121-722
TR8	25C2076C	DDBY270001	GE-270	PTC180	HEPS0015*	RE 209			ECG295	25C1306	WEP785	
TR9	35K45B	DDCY104001	GE-210*	PTC121*	HEPS0015*	RE 13*	SK3122	RT-308	ECG295		WEP913	121-722
TR9	35K45B	DDCY104001	GE-FET-4	PTC182	HEPF2007	RE 13*	SK3122	RT-308	ECG295		WEP736	121-722
TR10	25C460B	DDBY277002	GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
TR10	25C460B	DDBY277002	GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
TR11	25C458C	DDBY273001	GE-61*	PTC136*	HEPS0014*	RE 9	SK3122*	RT-134	ECG233	25C460	WEP460	121-722
TR11	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR12	25C458	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR12	JF1033G	DDCY202002	GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312		WEP458	ZEN-123
TR13	25C458C	DDBY273001	GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312		WEP458	ZEN-123
TR13	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR14	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR14	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR15	25A844C	DDBY008001	GE-244*	PTC103*	HEPS0019*	RE 18*	SK3114	RT-126A*	ECG129*		WEP60*	
TR15	25A844C	DDBY008001	GE-244*	PTC103*	HEPS0019*	RE 18*	SK3114	RT-126A*	ECG129*		WEP60*	
TR16	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR16	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR17	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR17	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR18	35K45B	DDCY104003	GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
TR18	35K45B-09	DDCY104003	GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
TR19	25C360B	DDBY277002	GE-61*	PTC136*	HEPS0014*	RE 9	SK3122*	RT-134	ECG233	25C460	WEP460	121-722
TR20	25A673C	DDBY007002	GE-269	PTC103*	HEPS0026*	RE 197*	SK3114	RT-115*	ECG290	25C460	WEP911	121-774
TR21	25A673C	DDBY007002	GE-269	PTC103*	HEPS0026*	RE 197*	SK3114	RT-115*	ECG290	25C460	WEP911	121-774
TR21	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR22	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR22	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR23	25C1364-6	DDBY233001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR23	25C1364-6	DDBY233001	GE-210*	PTC121*	HEPS0015*	RE 13*	SK3124	RT-308	ECG123A*	25C1364	WEP736*	121-29000
TR26	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-308	ECG123A*	25C1364	WEP736*	121-29000
TR26	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-308	ECG123A*	25C1364	WEP736*	121-29000
TR27	25A844C	DDBY008001	GE-244*	PTC103*	HEPS0019*	RE 18*	SK3114	RT-126A*	ECG129*	25C458	WEP458	ZEN-114
TR27	25A844C	DDBY008001	GE-244*	PTC103*	HEPS0019*	RE 18*	SK3114	RT-126A*	ECG129*	25C458	WEP458	ZEN-114
TR28	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR28	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR201	25C1061C	DDBY290001	GE-66	PTC154	HEPS3061	RE 21	SK3054	RT-197	ECG152	25C1061	WEP745	921-1009
TR202	25C1419C	DDBY278002	GE-66	PTC167	HEPS5027	RE 21	SK3054	RT-197	ECG152	25C1061	WEP745	921-1009
TR203	25C458C	DDBY273001	GE-66	PTC167	HEPS5027	RE 21	SK3054	RT-197	ECG152		WEP745	
TR203	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114
TR203	25C458C	DDBY273001	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG289	25C458	WEP458	ZEN-114

* Lead Configuration may vary from original.

(12) 12 watts @ 3 amps.

(13) 5 watts @ 1 amps.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C15	4.7 25V	CELZ514790	PC5-50	VTT4R7B50	QV1-27	EV-1319
C16	2.2 25V	CELZ512290	PC2-100	VTT2R2A50	QV1-19	EV-1517
C24	10 16V	CELZ311000	PC10-25	VTT10B25	QV1-41	EV-1222
C27	1 50V	CELZ811090	PC1-50	VTT1A50	QV1-11	EV-1615
C42	10 16V	CELZ311000	PC10-25	VTT10B25	QV1-41	EV-1222
C49	47 16V	CELZ314700	PC50-16	VTT47D16	QV1-73	EV-1226
C88	10 16V	CELZ311000	PC10-25	VTT10B25	QV1-41	EV-1222
C93	.1 10V	CAAZ111086		TDC104M050EL	QDT1-2	SD50-R109
C95	.22 10V	CAAZ112286		TDC224M050EL	QDT1-10	SD50-R229
C97	2.2 16V	CSEZ312296		TDC225M035FL		SD35-2R29
C98	33 16V	CELZ313300	PC30-25	VTT33D25	QV1-63	EV-1325
C101	33 16V	CELZ313300	PC30-25	VTT33D25	QV1-63	EV-1325
C105	470 16V	CELZ314710	PC500-16	VTT470K16	QV1-151	EV-1250
C106	470 16V	CELZ314710	PC500-16	VTT470K16	QV1-151	EV-1250
C110	2.2 16V	CELZ312290	PC2-100	VTT2R2A50	QV1-19	EV-1517
C111	.1 10V	CAAZ111086		TDC104M050EL	QDT1-2	SD50-R109
C112	.47 50V	CELZ814780	PC1-50	VTT47A63	QV1-3	EV-1610
C113	.1 10V	CAAZ111086		TDC104M050EL	QDT1-2	SD50-R109
C117	33 16V	CELZ313300	PC30-25	VTT33D25	QV1-63	EV-1325
C118	10 16V	CELZ311000	PC10-25	VTT10B25	QV1-41	EV-1222
C119	470 16V	CELZ314710	PC500-16	VTT470K16	QV1-151	EV-1250
C120	.1 10V	CAAZ111086		TDC104M050EL	QDT1-2	SD50-R109
C123	10 16V	CELZ311000	PC10-25	VTT10B25	QV1-41	EV-1222
C127	33 16V	CELZ313300	PC30-25	VTT33D25	QV1-63	EV-1325
C137	2.2 16V	CSEZ312296		TDC225M035FL		SD35-2R29
C138	2.2 16V	CSEZ312296		TDC225M035FL		SD35-2R29
C140	.22 10V	CAAZ112286		TDC224M050EL	QDT1-10	SD50-R229
C142	470 6.3V	CELZ904710	PC500-16	VTT470K16	QV1-149	EV-1150
C147	220 16V	CELZ312210	PC250-25	VTT220H16	QV1-117	EV-1240
C158	100 10V	CELZ111010	PC100-10	VTT100E10	QV1-93	EV-1130
C159	100 16V	CELZ311010	PC100-16	VTT100F16	QV1-95	EV-1230
C162	100 25V	CELZ511010	PC100-25	VTT100G25	QV1-97	EV-1330
C163	1 50V	CELZ811090	PC1-50	VTT1A50	QV1-11	EV-1615
C165	2.2 50V	CELZ812290	PC2-100	VTT2R2A50	QV1-35*	TVA-1301*
C169	.1 10V	CAAZ111086		TDC104M050EL	QDT1-2	SD50-R109
C204	2200 25V	CELZ512220	WBR2000-25*	TC250A*	QV1-645*	TV1213.5*
C205	220 16V	CELZ312210	PC250-25	VTT220H16	QV1-117	EV-1240

* Axial replacement for radial device.

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C1	.01 25V	CCRZ812204	DC-103	MGP01	TA110	QC2-141	TG-S10
C2	22 N220 50V				*		10TCR-Q22
C3	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C4	.01 25V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C5	1.5 NP0 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C6	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C7	.022 25V		DC-203	MGP02	TA120	QC2-157	TG-S20
C8	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C9	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C10	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C11	5 50V	CCRZ812091	DTZ-4R7	NP04P7	CN0547		10TCC-V47
C12	.039 50V			DPMS2S22	PVC6139		6PS-S39
C13	.039 25V				GP140		5GA-S40
C14	.039 25V				GP140		5GA-S40
C18	2 N220 50V				*		
C19	.022 50V			DPMS2S22	EWFA1A122	QF1-127	1PB-S22
C20	.039 25V				GP140		5GA-S40
C21	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C22	.068 50V			WMF1S68	EWFA1A168	QF1-195	1PB-S68
C23	.039 25V				GP140		5GA-S40
C25	.0047 25V	CCRZ815604	DD-472	GP4700	GP247		5GA-D47
C26	.0047 25V		DD-472	GP4700	GP247		5GA-D47
C29	.0047 25V		DD-472	GP4700	GP247		5GA-D47
C30	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C34	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C40	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C41	.01 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C43	56 N220 50V				*		10TCR-Q56
C45	.047 25V		DC-503	MGP05	TA150	QC2-207	TG-S50
C50	300 50V		DD-301	GP300	GP330		10TS-T30
C51	.0047 25V	CCRZ813304	DD-472	GP4700	GP247		5GA-D47
C52	.039 25V				GP140		5GA-S40
C53	33 50V		DTZ-33	NP033	CN0433		10TCC-Q33
C57	180 50V		DD-181		GP318		10TS-T18
C58	180 50V		DD-181		GP318		10TS-T18
C59	.022 25V		DC-203	MGP02	TA120	QC2-157	TG-S20
C61	.039 25V				GP140		5GA-S40
C62	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C63	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C64	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C65	.01 25V	CCRZ811014	DC-103	MGP01	TA110	QC2-141	TG-S10
C66	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C67	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C68	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C69	330 N220 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C70	.0047 25V		DD-472	GP4700	GP247		5GA-D47
C71	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C72	100 N220 50V				*		10TCR-T10
C73	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C74	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C76	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10

TEABERRY MODEL "T" COMMAND

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
C77	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C78	.047 25V		DC-503	MGP05	TA150	QC2-207	TG-S50
C79	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C80	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C81	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C83	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C84	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C85	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C86	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C87	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C89	.001 50V			DPMS6D1	EWFA1210	QF1-1	1PB-D10
C90	.01 50V			WMF1S1	EWFA1110	QF1-91	1PB-S10
C91	100 50V		DD-101	GP100	GP310		10TS-T10
C92	100 50V		DD-101	GP100	GP310		10TS-T10
C96	.01 50V			WMF1S1	EWFA1110	QF1-91	1PB-S10
C99	68 50V		DD-680	GP68	GP468		10TS-Q68
C100	.068 50V			WMF1S68	EWFA168	QF1-195	1PB-S68
C102	.068 50V			WMF1S68	EWFA168	QF1-195	1PB-S68
C103	220 50V		DD-221		GP322		10TS-T22
C104	.022 50V			DPMS2S22	EWFA122	QF1-127	1PB-S22
C107	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C114	330 50V		DD-331	GP330	GP333		10TS-T33
C115	33 NPO 50V				CN0439		10TCC-Q39
C116	.039 50V			DPMS6S39	PVC6139		6PS-S39
C121	.0047 50V			WMF1D47	EWFA1247	QF1-57	1PB-D47
C122	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C124	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C125	.0047 25V		DD-472	GP4700	GP247		5GA-D47
C126	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C128	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C129	47 N220 50V	CCRZ814704			*		10TCR-Q47
C130	.022 50V			DPMS2S22	EWFA122	QF1-127	1PB-S22
C131	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C132	3 N220 50V	CCRZ813091			*		10TCR-V30
C133	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C134	15 N220 50V	CCRZ811504			*		10TCR-Q15
C135	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C136	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C139	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C141	.022 50V			DPMS2S22	EWFA122	QF1-127	1PB-S22
C143	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C145	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C146	.022 50V			DPMS2S22	EWFA122	QF1-127	1PB-S22
C148	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C149	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C150	22 50V		DTZ-22	NP022	CN0422		10TCC-Q22
C151	150 50V		DD-151		GP315		10TS-T15
C152	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C153	7 N220 50V	CCRZ817091			*		10TCR-V68
C154	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C155	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C156	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C157	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C160	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C161	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C164	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C167	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C168	.01 50V			WMF1S1	EWFA1110	QF1-91	1PB-S10
C170	68 50V		DD-680	GP68	GP468		10TS-Q68
C171	27 N220 50V	CCRZ812704			*		10TCR-Q27
C172	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C173	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C174	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C175	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C176	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C177	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C178	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C179	100 50V		DD-101	GP100	GP310		10TS-T10
C180	150 50V		DD-181		GP318		10TS-T18
C184	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C185	330 50V		DD-331	GP330	GP333		10TS-T33
C186	.0022 25V		DD-222		GP222	QC2-97	5GA-D22
C187	27 NPO 50V				CN0427		10TCC-Q27
C201	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C202	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C203	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C206	.039 25V				GP140		5GA-S40
C207	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C208	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C301	180 50V		DD-181		GP318		10TS-T18
C302	.047 25V		DC-503	MGP05	TA150	QC2-207	TG-S50
C303	33 50V		DTZ-33	NP033	CN0433		10TCC-Q33
C401	.001 25V		DD-102G	GP1000	GP210	QC2-81	5GA-D10
C402	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C403	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
C404	.01 25V		DC-103	MGP01	TA110	QC2-141	TG-S10
CC1		HHAY003001(1)					
CC2		HHAY003001(1)					
VC1	40 50V	CCVY024005					

*Not normally in distributor's stock. Available thru distributor on order to manufacturer.
(1)Consists of four .01 capacitors.

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	RESIST-ANCE	REPLACEMENT DATA			
			MFGR. PART No.	CENTRALAB PART No.	MALLORY PART No.	TRW PART No.
VR1	S Meter	20K	RRVY135008			U260R2538
VR2	AGC	50K	RRVY135010			U260R5038
VR3	Squelch Range	20K	RRVY135008			U260R2538
VR4	RF Meter	10K	RRVY135007			U260R1038
VR5	AMC	5000	RRVY135006			U260R5028
VR6	Mod Meter	50K	RRVY135010			U260R5038
VR201	Voltage	5000	RRVY135003			U260R5038
VR301	Volume/Switch	50K	RRVY197001			U260R5018
VR302	Squelch	20K	RV-197(5)			
VR303	Mike Gain	10K	RRVY049001			
VR304	RF Gain	50K	RV-049(5)			
VR305	Delta Tune	20K	RRVY055001			
VR307	Tone	100K	RV-055(5)			
			RRVY071001			
			RV-071(5)			
			RRVY064001			
			RV-064(5)			
			RRVY048001			
			RV-048(5)			

(5) Number on unit.

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.
RR1	Resistor ARREY		HHAY006001(1)	RR302	Resistor ARREY		HHAY008001(2)
RR301	Resistor ARREY		HHAY008001(2)				

(1) Consists of seven 4700 ohm resistors

(2) Consists of seven 680 ohm resistors

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	Rec Ant (27MHz)	LLAY029001	LA-029	CBS740-T	
L2	Rec RF (27MHz)	LLAY194001	LA-194		
L3	IF (10.695MHz)	LLAY180001	LA-180	CBS715-TC	
L4	IF (10.695MHz)	LLAY181001	LA-181		
L5	Rec OSC (10.240MHz)	LLAY182001	LA-182		
L6	IF (455kHz)	LLAY163001	LA-163		
L7	IF (455kHz)	LLAY183001	LA-183		
L8	IF (455kHz)	LLAY184001	LA-184		
L9	RF Choke	LLDY073001	LD-073		
L10	TVI Trap (54MHz)	LLCY017001	LC-017	CB303	
L11	Pi Filter (27MHz)	LLCY119001	LC-119		
L12	Final (27MHz)	LLCY018001	LC-018	CB304	
L13	RF Choke	LLDY012001	LD-012	4588	
L15	XMT Driver (27MHz)	LLCY017001	LC-017	CB303	
L16	XMT Buffer (27MHz)	LLAY189001	LA-189		
L17	XMT Mixer (27MHz)	LLAY185001	LA-185		
L18	XMT OSC (10.695MHz)	LLAY193001	LA-193		
L19	RF Choke (33uH)	LLZY001007	LZ-001		
L20	VCO (37.8MHz)	LLAY187001	LA-187		
L21	VCO (37.8MHz)	LLAY188001	LA-188		
L22	RF Choke (100uH)	LLZY001013	LZ-001		
L23	RF Choke (1.5uH)	LLZY002003	LZ-002		
L24	PLL OSC (36MHz)	LLAY186001	LA-186		
L27	Noise Amp (23.5MHz)	LLAY029001	LA-029	CBS740-T	
L28	Noise Amp (23.5MHz)	LLAY155001	LA-155		
L301	RF Choke	LLDY012001	LD-012	4588	
L303	RF Choke	LLDY046001	LD-046		
L304	RF Choke	LLDY012001	LD-012	4588	
L305	RF Choke	LLDY046001	LD-046		
L307	RF Choke	LLDY046001	LD-046		
L309	RF Choke	LLDY046001	LD-046		
L311	RF Choke	LLDY046001	LD-046		
L312	RF Choke	LLDY046001	LD-046		
L313	RF Choke	LLDY046001	LD-046		
L314	RF Choke	LLDY046001	LD-046		
L315	RF Choke	LLDY046001	LD-046		

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.	
T2	1.25A	114	1mH	TFY017001 TF017(1)	TR507		(1) Number on unit

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	8	8	TFY107001 TF107(1)			(1) Number on unit

TEABERRY MODEL "T" COMMAND

PARTS LIST AND DESCRIPTION (CONTINUED)

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

TRANSFORMER (Power)

ITEM No.	RATING		REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T301	120V AC @ 380mA AC	19.0V AC @ 1.25A AC	TTFY103001 TF103(1)			(1) Number on unit

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP301	3 5/8" PM 8 ohms	ASPY029001	3A0528	

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	2 amp	ZFSY001005	WZDZ070088	AGC2	HDJ	312002	150145	FG2-2
F2	1 amp	ZFSY001003	ZFHY009001	AGC1	HKP	312001	341001AL	FG1-2

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC CONNECTOR	GC Red	GC Shield	GC Yellow	GC Blue	GC White	GC Black
MIC	AMKY041001	18-032	18-034	18-010	18-092	1	2	4	3	NC	2

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
D301	LED	DDAY078001	Channel Display TLR321 (1.95V @ 5.7mA)
D302	LED	DDAY007001	Mod TLR104 (1.97V @ 10mA)
D303	LED	DDAY032001	TX TLR103 (1.91V @ 10mA)
EC1	Clock	ZCKY007001	Digital
FC1	Cable	WMFY007127	Flat (Switch Connector)
J301	Jack	JJKY068001	Antenna
J302	Jack	JJKY005002	Phone
J303	Jack	JJKY010001	PA
J304	Jack	JJKY010001	Ext Sp
J306	Jack	JJKY052001	DC Power
J401	Jack	JJKY058001	Microphone
L14	Ferrite Bead	LLDY075001	
L25	Ferrite Bead	LLDY075001	
L302	Ferrite Bead	ZYYY043001	
L316	Ferrite Bead	LLDY077001	
L324	Thru		
M301	Meter	ZHTY092001	S/R/MOD
PL301	Lamp	VPLY065005	Meter (11.30V @ 40mA)
PL304	Lamp		Clock (9.00V @ 78mA)
S200	Switch		Automatic (Part of clock)
S301	Switch	SSWY093001	NB
S303	Switch	SSWY093001	Mod-S/R/F
S304	Switch	SSWY093001	CB/PA
S305	Switch		Power (Part of Volume Control)
S306	Switch	SSRY155001	Channel Selector
X1	Crystal	QQXY078001	10.695MHz
X2	Crystal	QQXY077001	10.240MHz
X3	Crystal	QQXY079001	36.570MHz
XF1	Crystal Filter	FFLY048001	10.7MHz
XF2	Crystal Filter	FFLY050001	453kHz
	PC Board	PPCY198011	Main (PC-198AB)
	PC Board	PPCY191011	Power Supply (PC-191AA)
	PC Board	PPCY217011	Selector Switch - LED (PC-217AA)
	PC Board	PPCY181011	Microphone - Input (PC-181AA)

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

ITEM	PART No.	ITEM	PART No.
Cabinet Top	MDBP204583	Knob, Control	MDMP402825
Cabinet Bottom	MDBP204592	Knob, Push	MDMP404319
Mic Hanger	MDBP402919	Knob, Clock (Alarm Set)	MDMP404586
Escutcheon	MDMP104577	Knob, Clock (Sleep)	MDMP404584
Knob, Channel	MDMP404296	Knob, Clock (Select)	MDMP404585

WIRING DATA

General-use Hook-up Wire (available in 5 colors)	8523	Coiled Microphone Cable	
Shielded Hook-up Wire (spiral wrapped)	8421	3-conductor (1 shielded)	23AWG BELDEN No. 9471 (5')
(braided)	8401		BELDEN No. 8497 (6')
Speaker Cable (available in 4 colors)	8782		BELDEN No. 9472 (7-1/2')
Bonding Strap	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')