



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 SBE-43CB (Touch/Com 40)

MANUFACTURER'S SPECIFICATIONS

GENERAL

Frequency Range:	26.965 to 27.405 MHz
Frequency Control:	Single Crystal, Digitally Synthesized
Frequency Tolerance:	±.003%
Operating Temperature Range:	-30°C to +50°C
Input Voltage:	11.7V DC to 15.9V DC, positive or negative ground.

TRANSMITTER

Power Output:	4 Watts (Maximum)
Modulation:	95-100%
Modulator Response:	300 Hz to 2500 Hz, +3 -10db
Output Impedance:	50Ω, Unbalanced
Output Indicator:	Back lit front panel meter

RECEIVER:

Sensitivity:	0.5 microvolt for 10db S+N/N ratio.
Selectivity:	50db @ ±10KHz, 60cb @ ±20KHz, 65db @ ±30KHz
IF Frequencies:	10 MHz, 455 KHz
Receiver Delta Tune:	±750 Hz, Nominal
Automatic Gain Control:	Less than 10db change in audio output for signal inputs from 10-500,000μV
Squelch Threshold:	0.5μV
Audio Power Output:	Greater than 3.5 watts @ 10% T.H.D.

Courtesy of the Manufacturer

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

© 1978 Howard W. Sams & Co., Inc. Printed in U. S. of America 8CE656

SBE MODEL SBE-43CB

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.
Adjustments made with 13.8-volt DC input.
Connect low sides of test equipment to ground unless specified otherwise.
Connect 50-ohm dummy load or antenna before keying transmitter.
Suggested Alignment Tools: GC ELECTRONICS:
L6,L8,L9,T2-1,T2-2,T3 thru T7 5009
L1,L3,L4,L11,L13,L15,T1 9440

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of frequency counter to TP10 (Q9, Emitter).	Ch. 19, Delta Tune Midrange	L11	Adjust for 10.240MHz.
	Ch. 19, Xmit		Check for 10.238MHz.
Input of DC meter to TP3.	Ch. 19, Delta Tune Midrange	L15	Adjust for 2.50 volts.
	Ch. 19, Xmit		Check for 3.27 volts.
Input of RF VTVM to TP11 (G1 of Q2).	Ch. 19, Delta Tune Midrange	L13	Adjust for maximum RF voltage.
Input of frequency counter to TP11 (Junction of C110, C401, C534).	Ch. 1, Delta Tune Midrange		Check for 16.270MHz. Check all channels. See Truth Chart for correct frequencies.
	Ch. 1, Xmit		Check for 16.727MHz. Check all channels. See Truth Chart for correct frequencies.

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.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP2. 455kHz, 1000Hz @ 30% modulation.	Ch. 19, Delta Tune Midrange Squelch 0 NL Off DIS/LOC DIS	T6,T5,T4,T3	Adjust for maximum output.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19, Delta Tune Midrange Squelch 0 NL Off DIS/LOC DIS	T2-2,T2-1, L1,T1	Adjust for maximum output. If necessary, readjust T3, T4, T5, and T6.

RECEIVER ADJUSTMENTS

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

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation. Output 6000uV.	Ch. 19, Delta Tune Midrange NL Off DIS/LOC DIS	VR8	SQUELCH RANGE Set squelch control to 10. Adjust VR8 so that squelch just breaks.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19, Delta Tune Midrange NL Off DIS/LOC DIS	VR7	S METER Adjust VR7 for 7 on S scale of meter.

TRANSMITTER ALIGNMENT

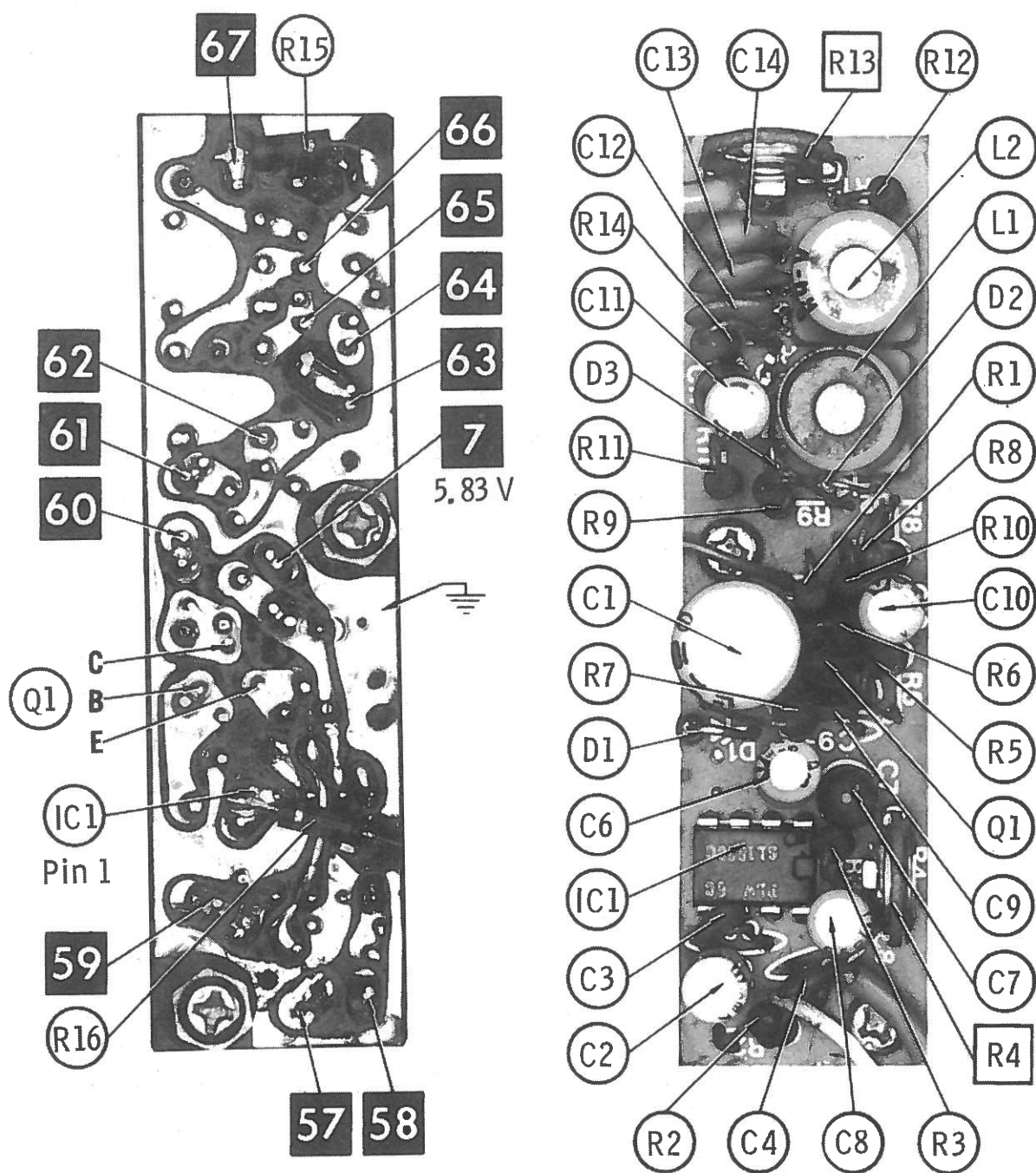
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.
NOTE: Be sure to check transmit frequency and power on all active channels after alignment of transmitter.
See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
	Ch. 19	L3,L4,T7, L6,L8,L9	Adjust for maximum.
	Ch. 19	L9,L8	Adjust for 3.8 watts.

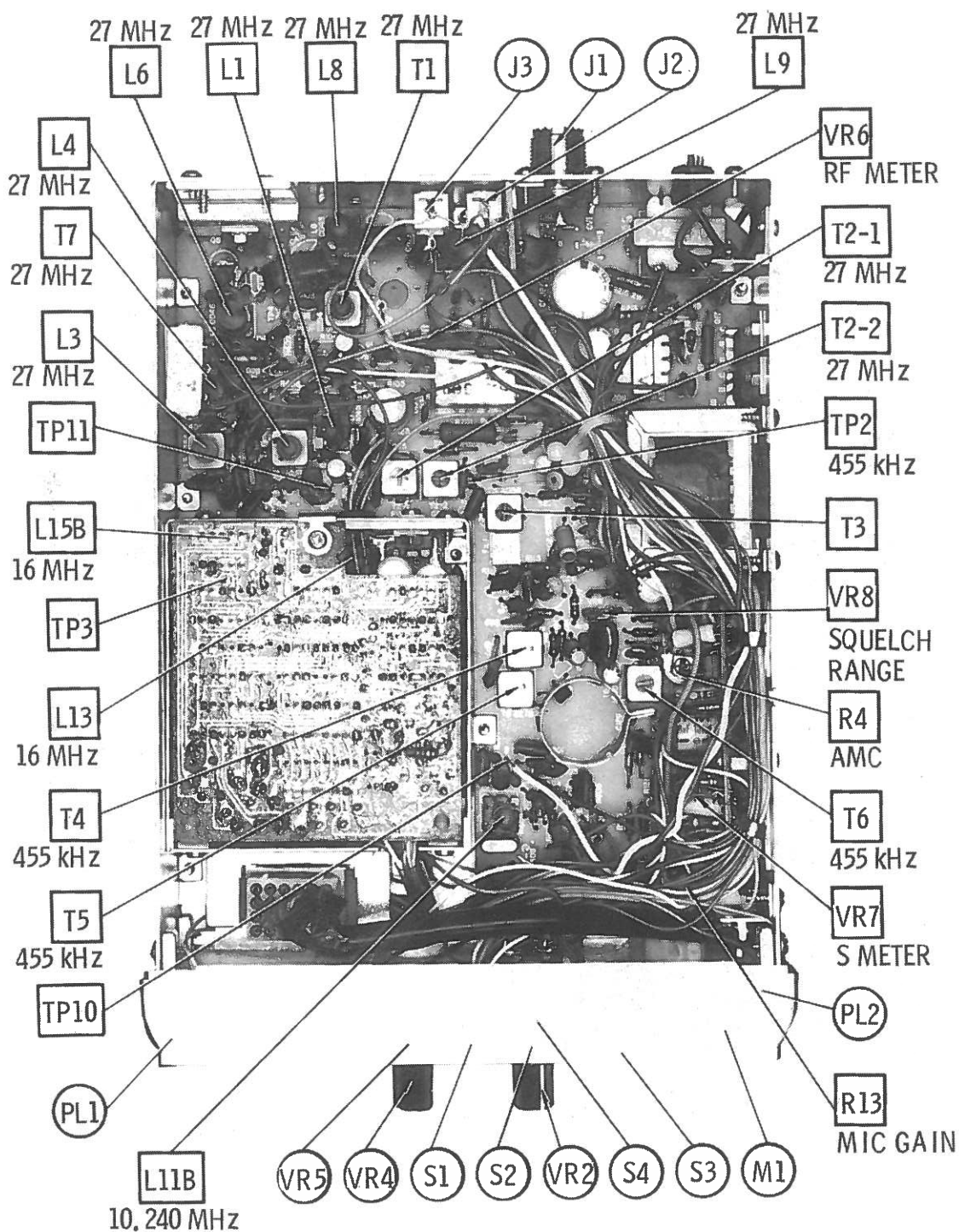
TRANSMITTER ADJUSTMENTS

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

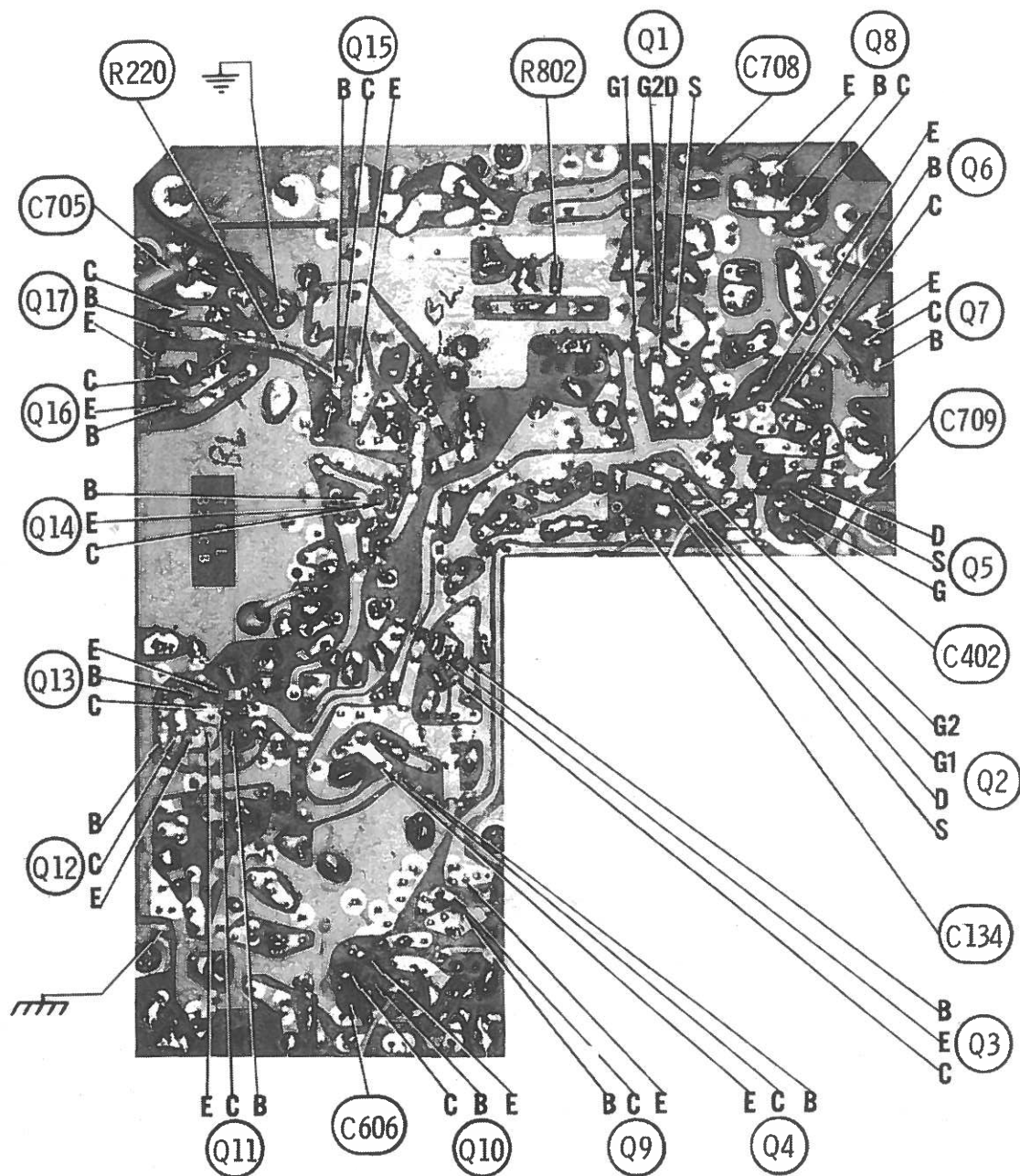
TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Modulation meter to antenna jack. Inject a 1000Hz, 20mV signal at mic input.	Ch. 19	R4,R12	MIC GAIN Set R4 (Mic Gain Range) to center. Adjust R12 for 100% modulation maximum. If necessary, adjust R4 to obtain 100% modulation maximum.
Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.	Ch. 19	VR6	RF PANEL METER Adjust VR6 so that RF panel meter agrees with RF wattmeter.



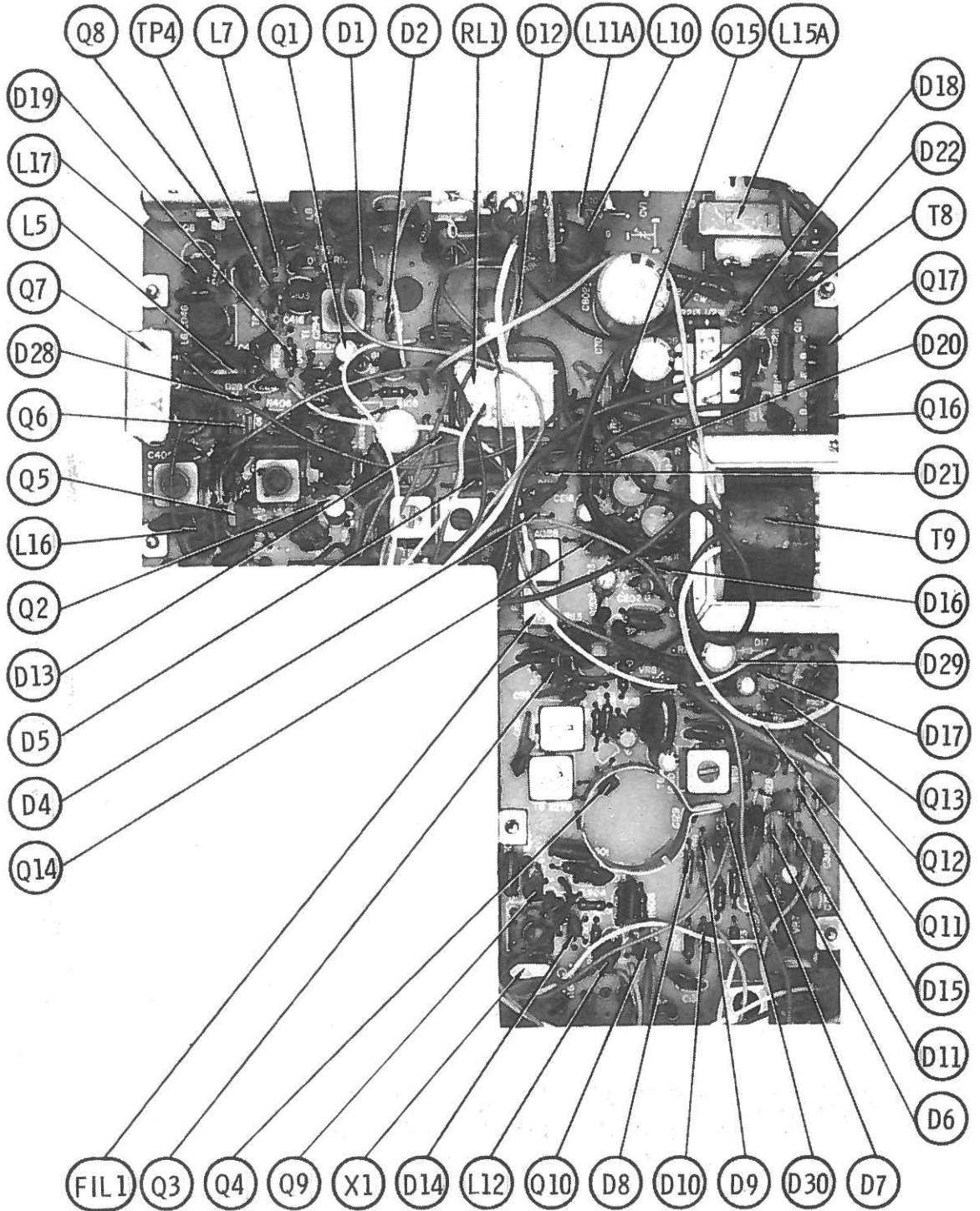
MIC PREAMP BOARD



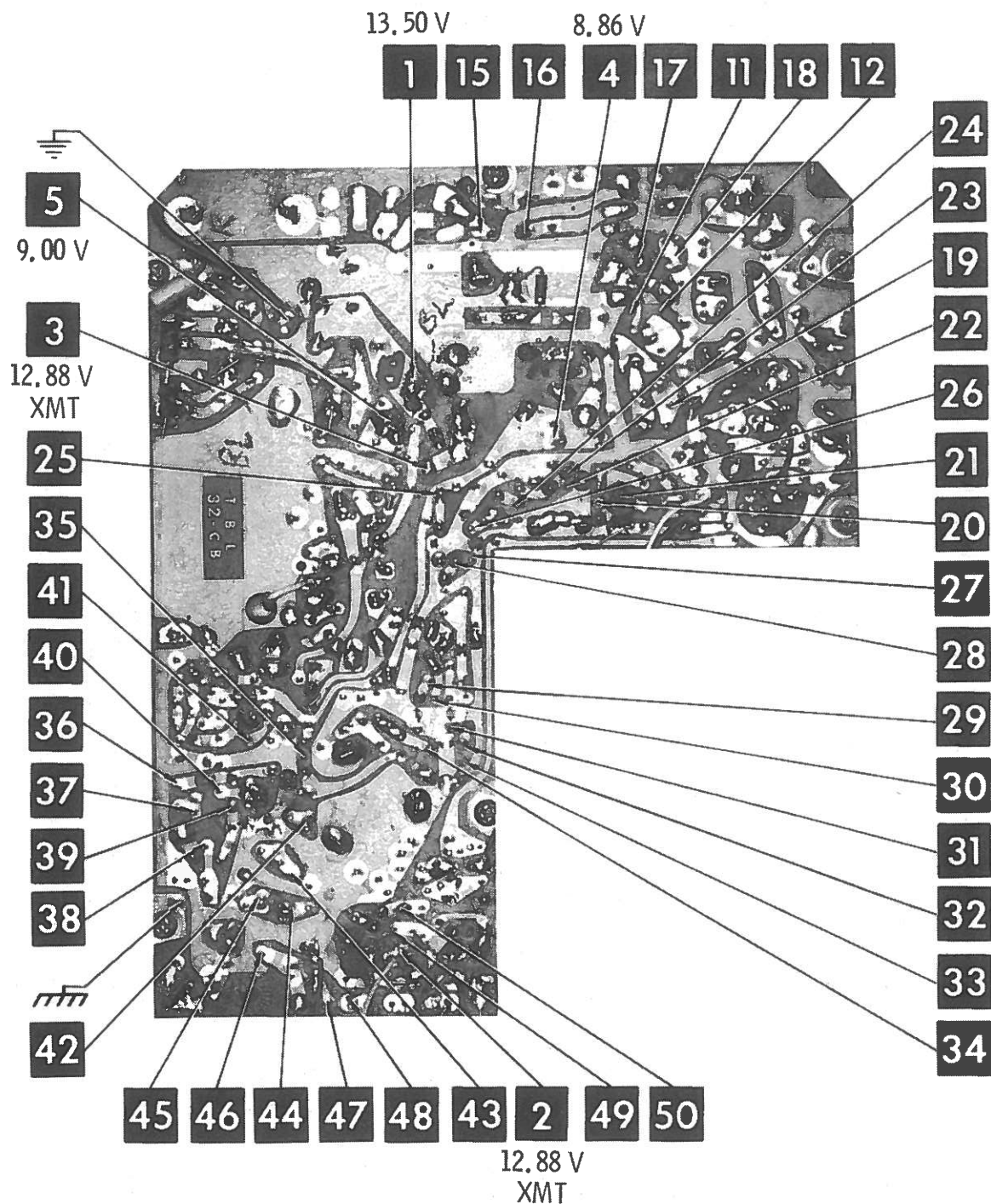
CHASSIS-BOTTOM



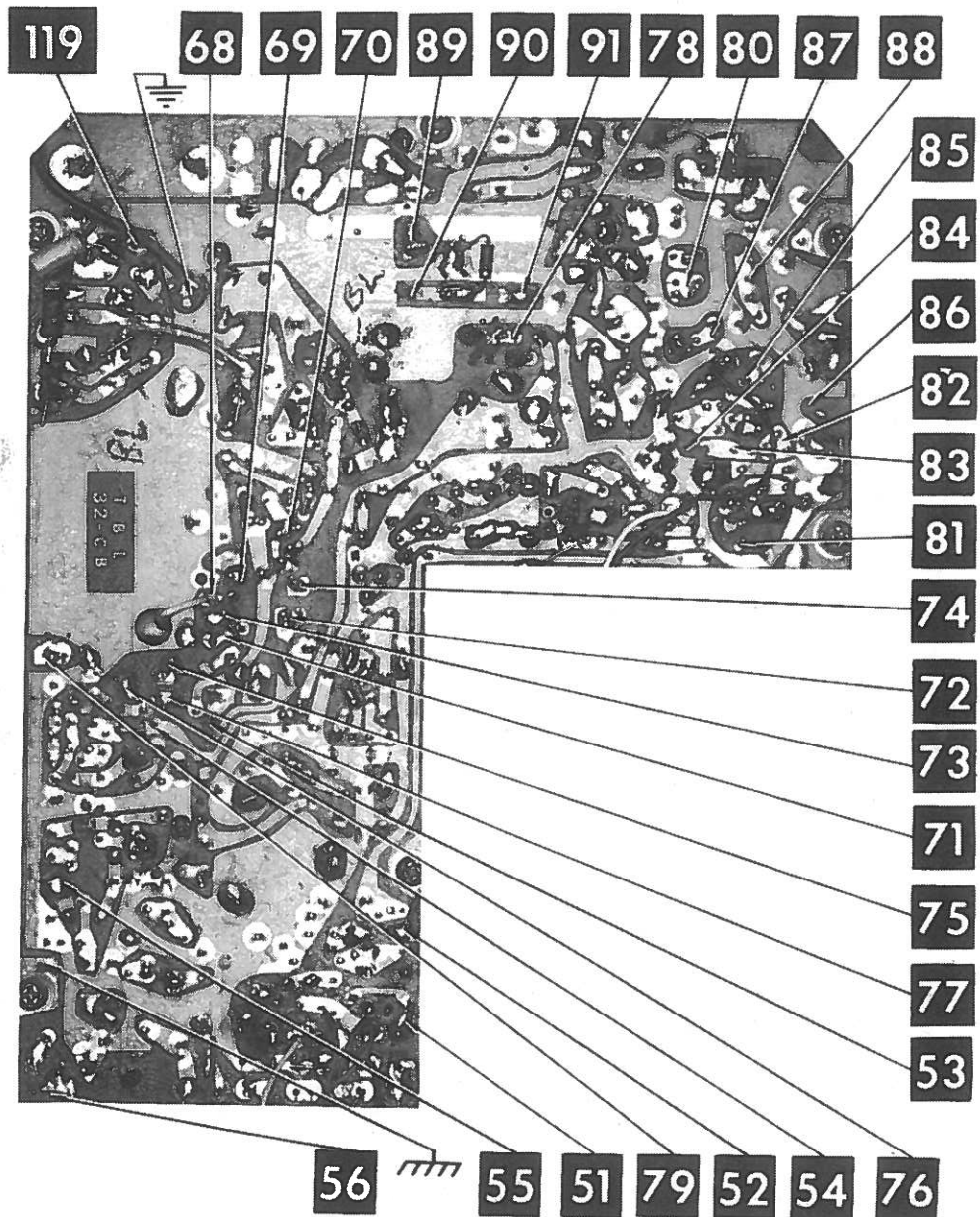
MAIN BOARD



MAIN BOARD

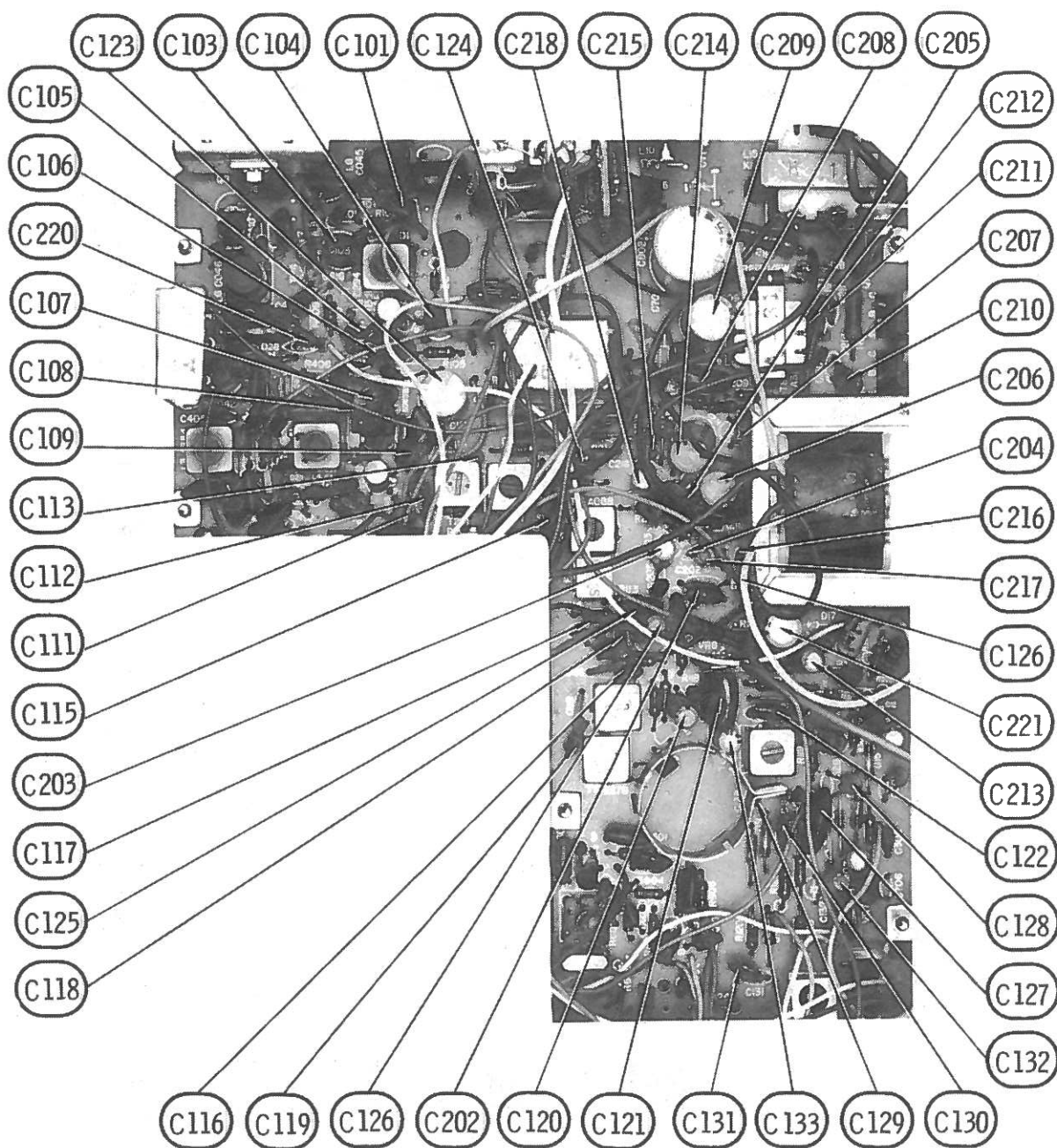


MAIN BOARD

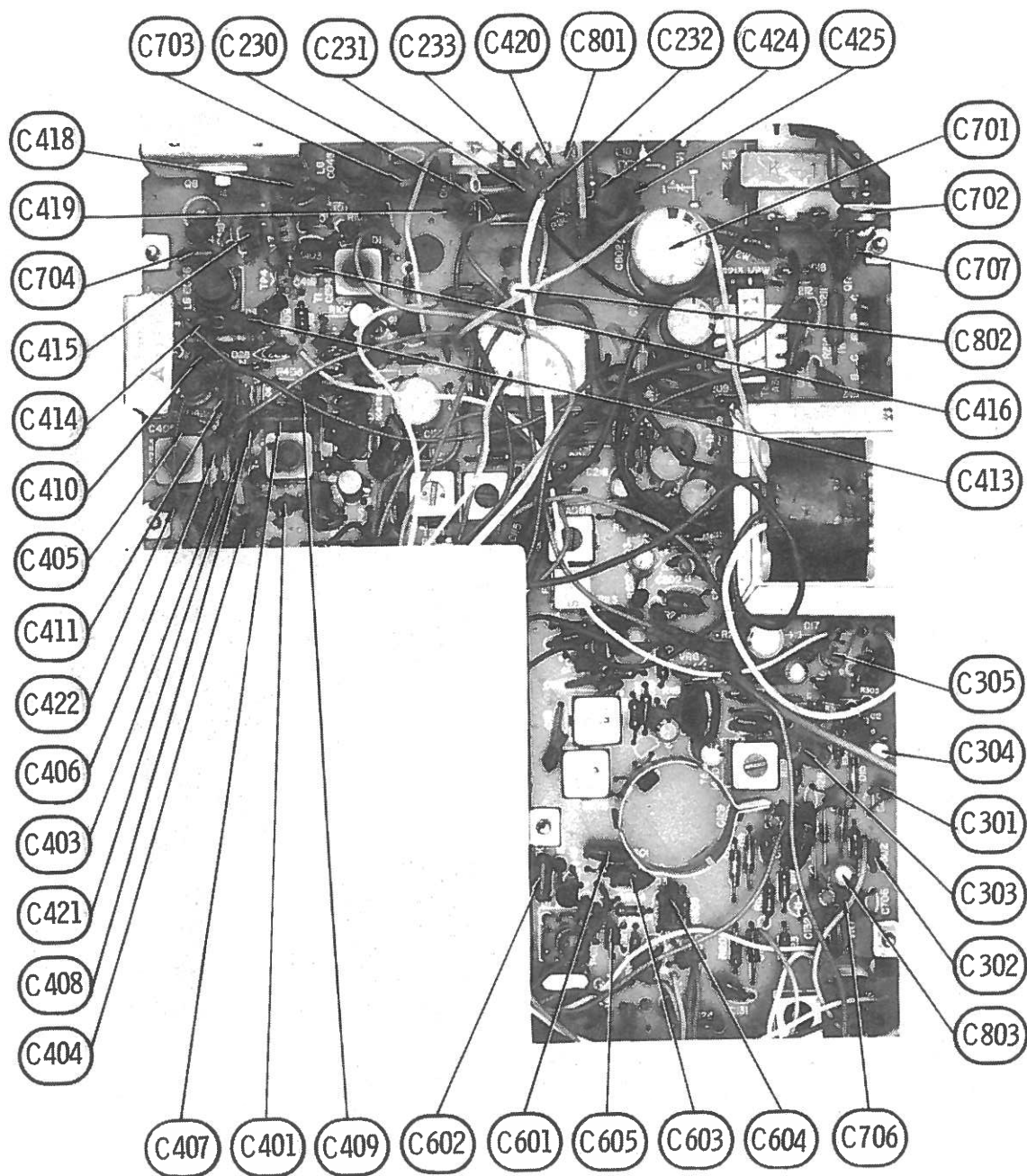


SBE MODEL SBE-43CB

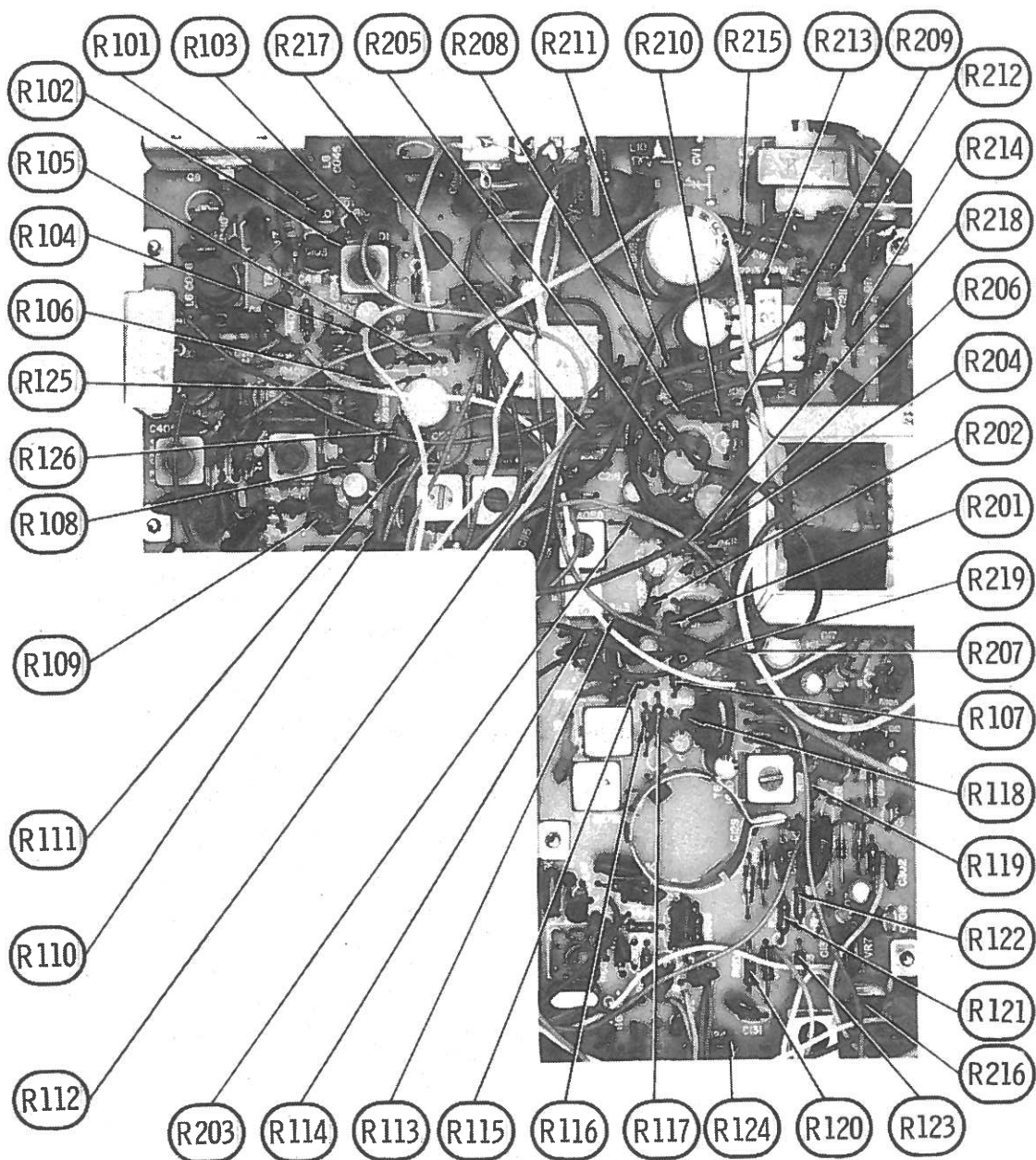
MAIN BOARD



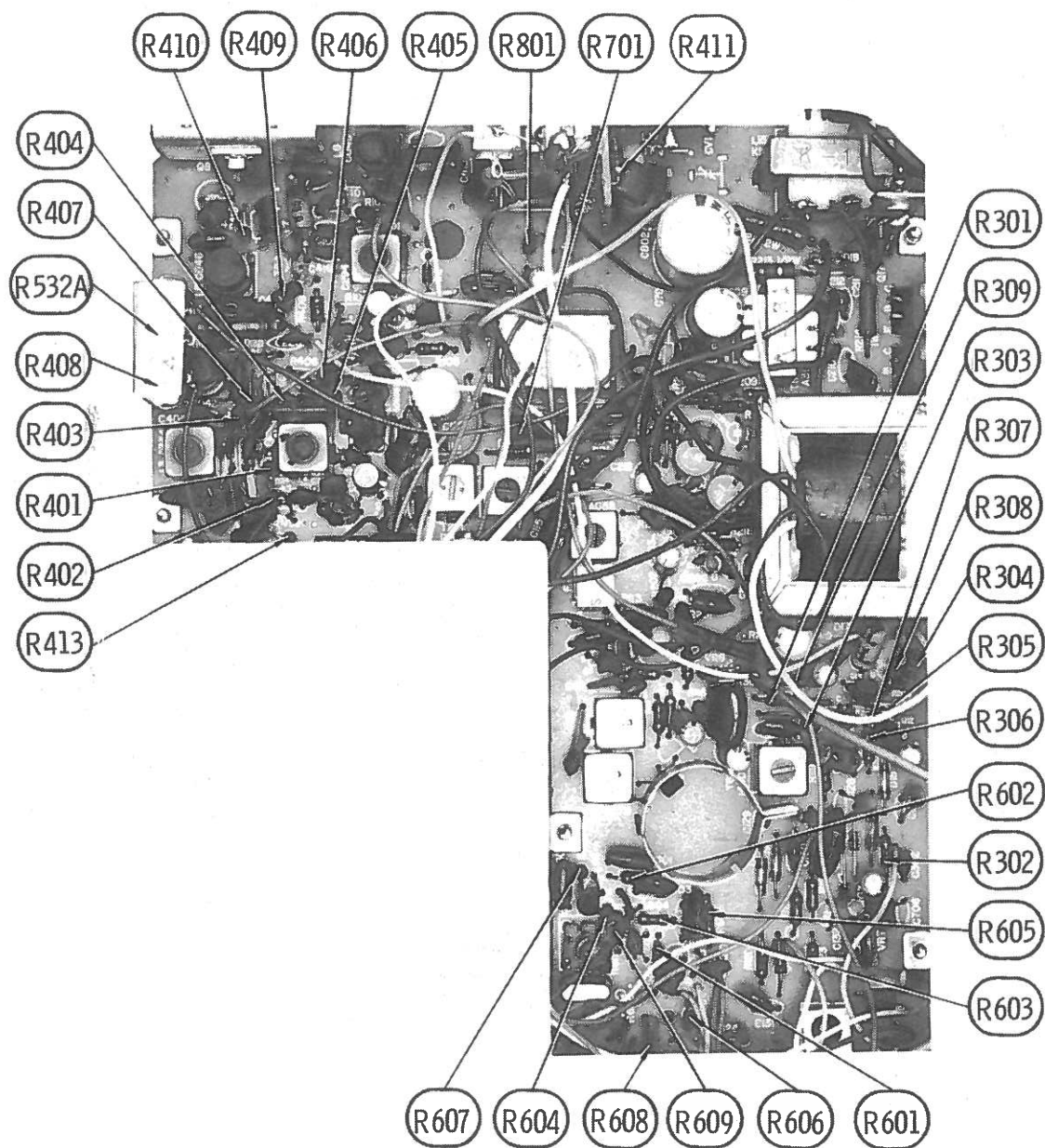
MAIN BOARD



MAIN BOARD

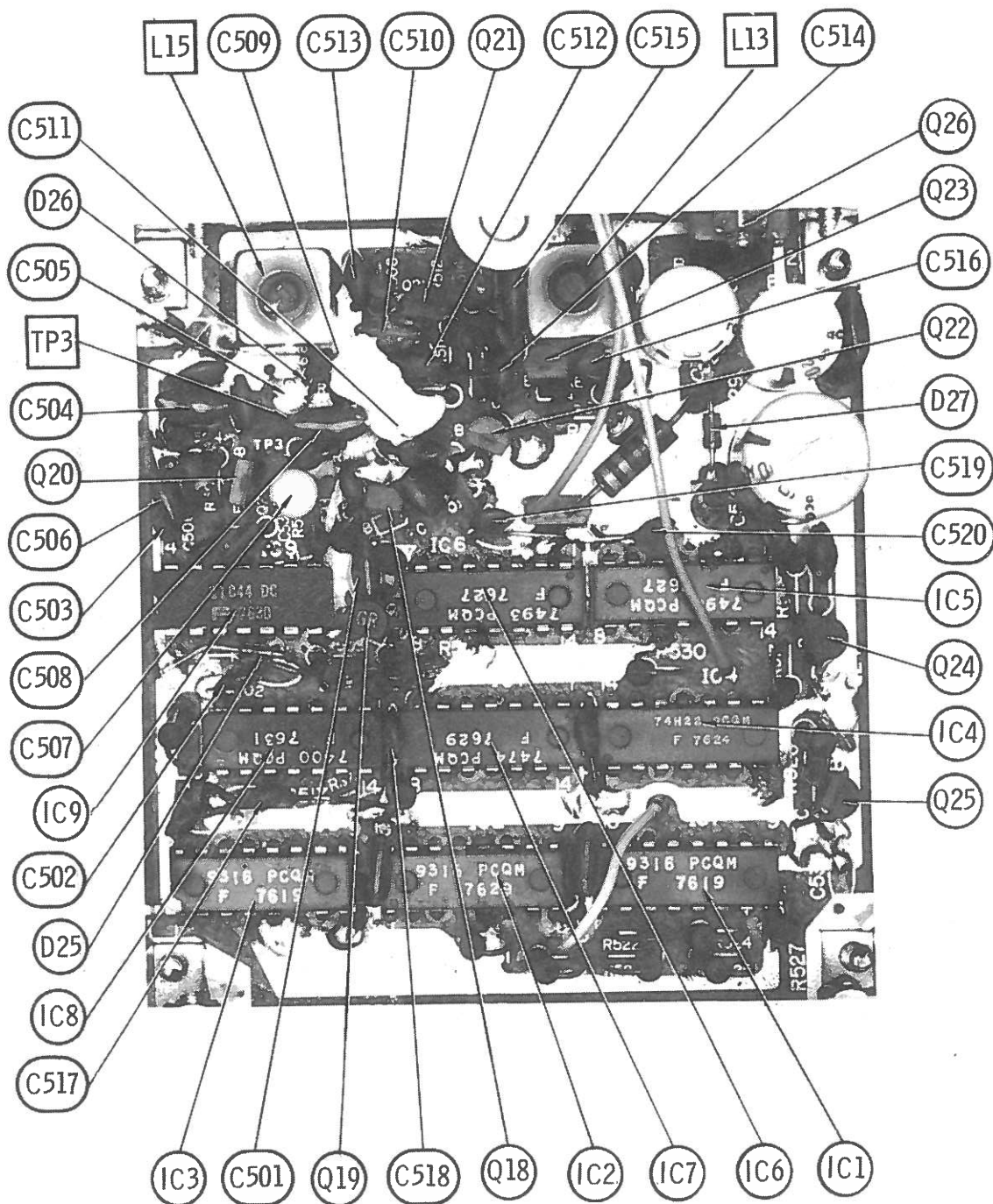


MAIN BOARD

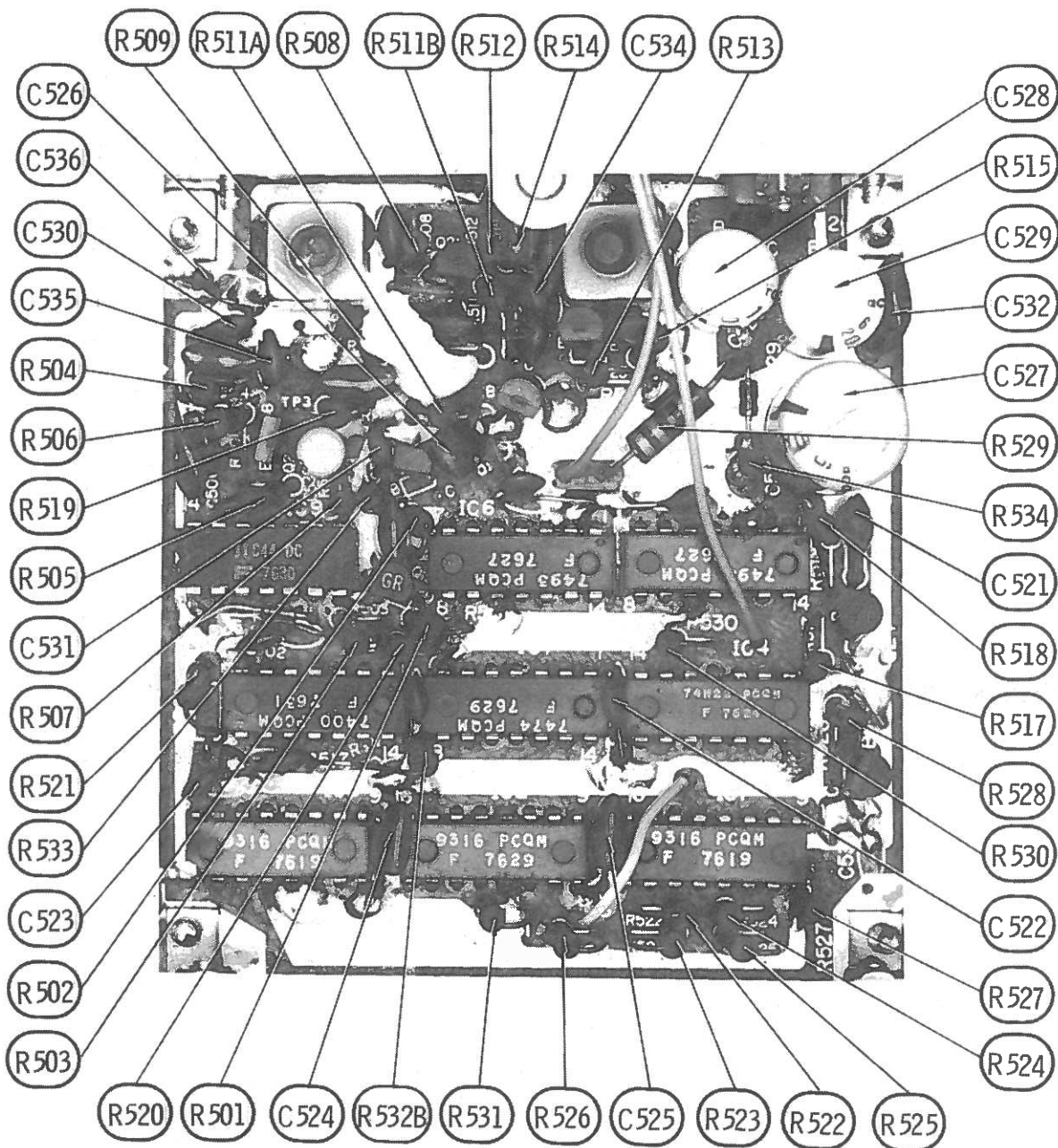


MAIN BOARD

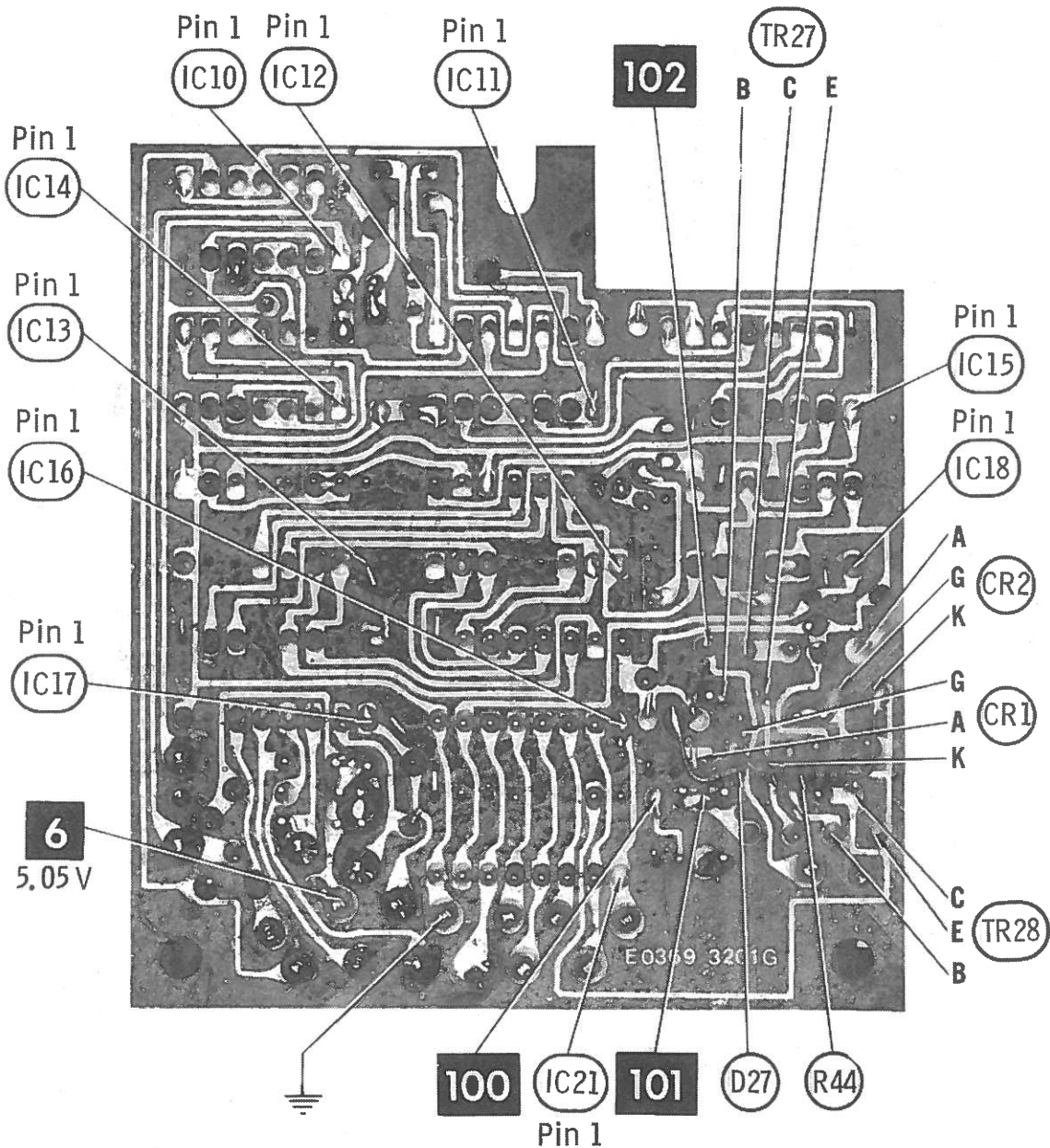




PLL BOARD



PLL BOARD



CH. DISPLAY CONTROL BOARD

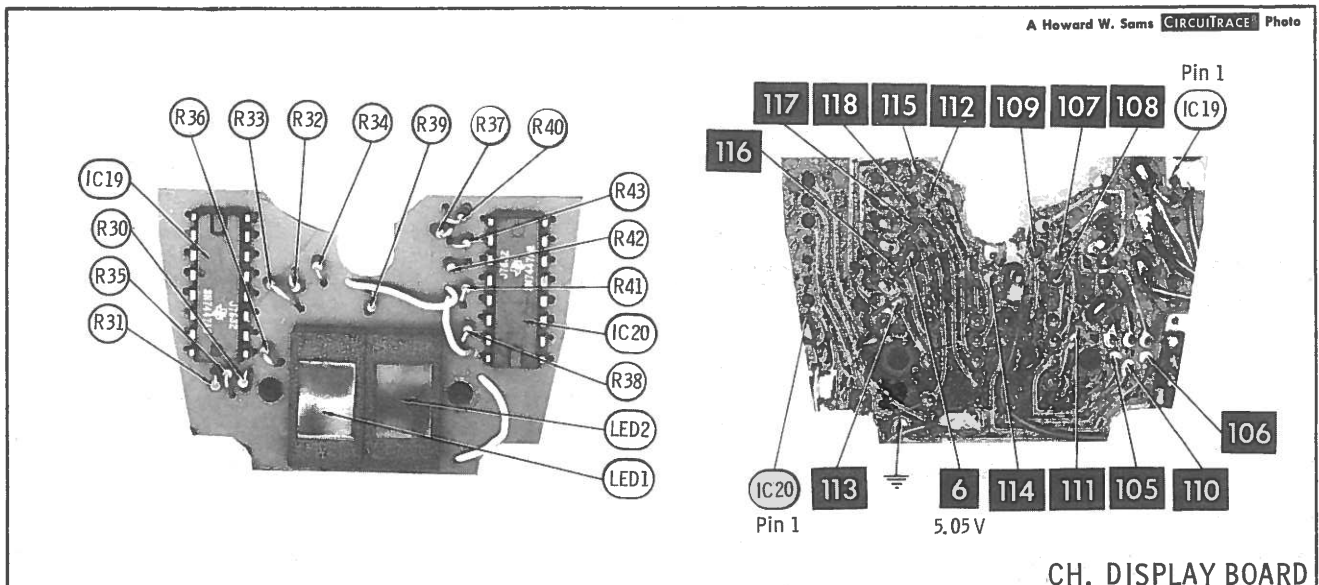


TRUTH CHART

1 = <u>4.95</u> Volts 0 = <u>0</u> Volts									
C H A N N E L	PROGRAM DIVIDER						REC VCO OUTPUT IN MHz (TP11 JUNCTION OF C110, C401, C534)	REC VCO OUTPUT IN MHz (TP11 JUNCTION OF C110, C401, C534)	
									IC2
	4	3	6	5	4	3			
	1	1	1	1	1	1			0
2	1	1	1	1	0	1	16.280	16.737	
3	1	1	1	1	0	0	16.290	16.747	
4	1	1	1	0	1	0	16.310	16.767	
5	1	1	1	0	0	1	16.320	16.777	
6	1	1	1	0	0	0	16.330	16.787	
7	1	1	0	1	1	1	16.340	16.797	
8	1	1	0	1	0	1	16.360	16.817	
9	1	1	0	1	0	0	16.370	16.827	
10	1	1	0	0	1	1	16.380	16.837	
11	1	1	0	0	1	0	16.390	16.847	
12	1	1	0	0	0	0	16.410	16.867	
13	1	0	1	1	1	1	16.420	16.877	
14	1	0	1	1	1	0	16.430	16.887	
15	1	0	1	1	0	1	16.440	16.897	
16	1	0	1	0	1	1	16.460	16.917	
17	1	0	1	0	1	0	16.470	16.927	
18	1	0	1	0	0	1	16.480	16.937	
19	1	0	1	0	0	0	16.490	16.947	
20	1	0	0	1	1	0	16.510	16.967	

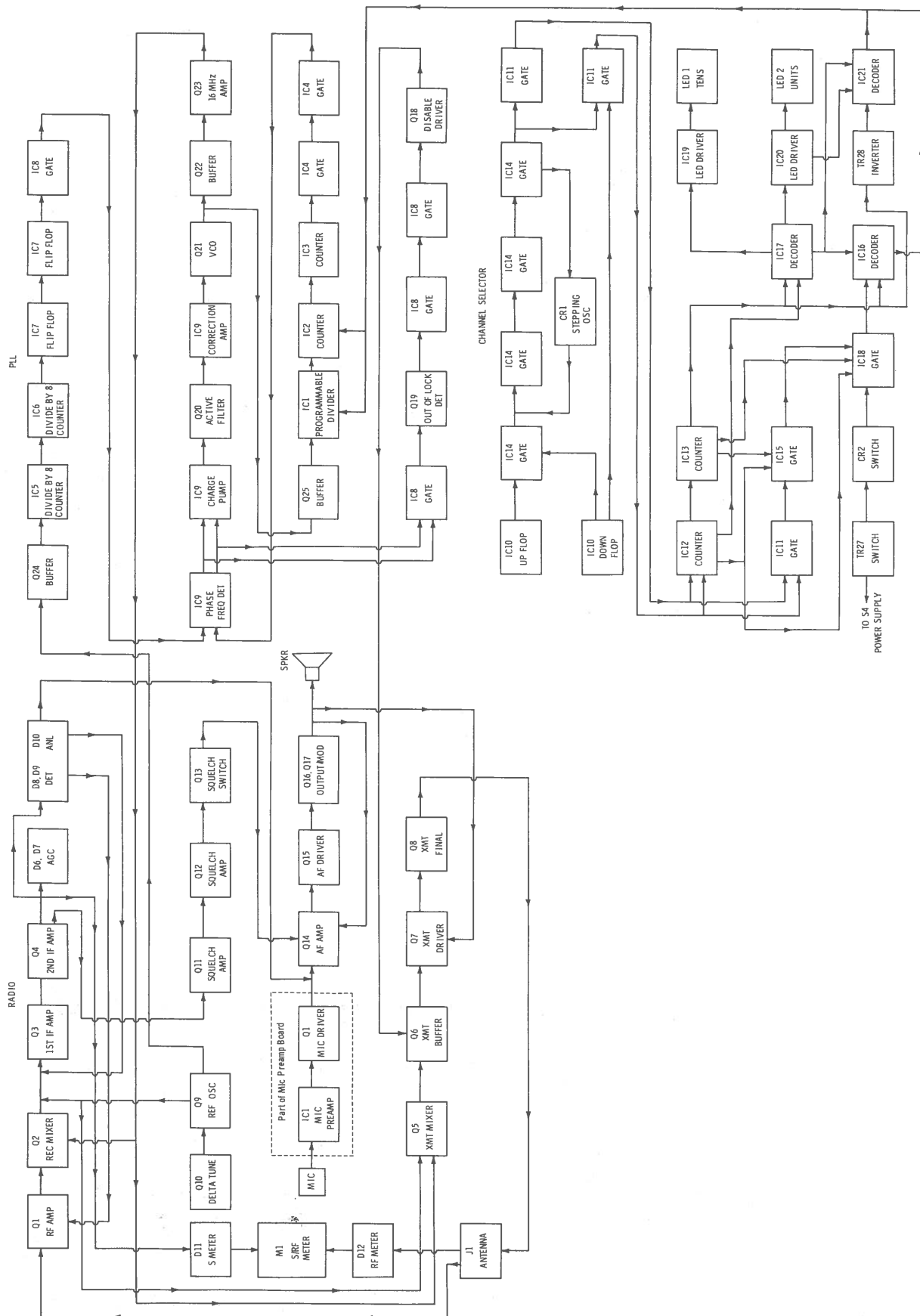
1 = <u>4.95</u> Volts 0 = <u>0</u> Volts									
C H A N N E L	PROGRAM DIVIDER						REC VCO OUTPUT IN MHz (TP11 JUNCTION OF C110, C401, C534)	REC VCO OUTPUT IN MHz (TP11 JUNCTION OF C110, C401, C534)	
	IC2		PINS		ICI				
	4	3	6	5	4	3			
21	1	0	0	1	0	1	16.520	16.977	
22	1	0	0	1	0	0	16.530	16.987	
23	1	0	0	0	0	1	16.560	17.017	
24	1	0	0	0	1	1	16.540	16.997	
25	1	0	0	0	1	0	16.550	17.007	
26	1	0	0	0	0	0	16.570	17.027	
27	1	1	1	1	1	1	16.580	17.037	
28	0	1	1	1	1	0	16.590	17.047	
29	0	1	1	1	0	1	16.600	17.057	
30	0	1	1	1	0	0	16.610	17.067	
31	0	1	1	0	1	1	16.620	17.077	
32	0	1	1	0	1	0	16.630	17.087	
33	0	1	1	0	0	1	16.640	17.097	
34	0	1	1	0	0	0	16.650	17.107	
35	0	1	0	1	1	1	16.660	17.117	
36	0	1	0	1	1	0	16.670	17.127	
37	0	1	0	1	0	1	16.680	17.137	
38	0	1	0	1	0	0	16.690	17.147	
39	0	1	0	0	1	1	16.700	17.157	
40	0	1	0	0	1	0	16.710	17.167	

SBE MODEL SBE-43CB



A Howard W. Sams CIRCUITRACE Photo

CH. DISPLAY BOARD



PARTS LIST AND DESCRIPTION

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

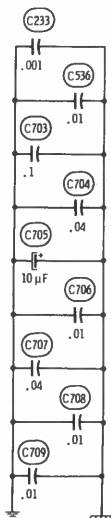
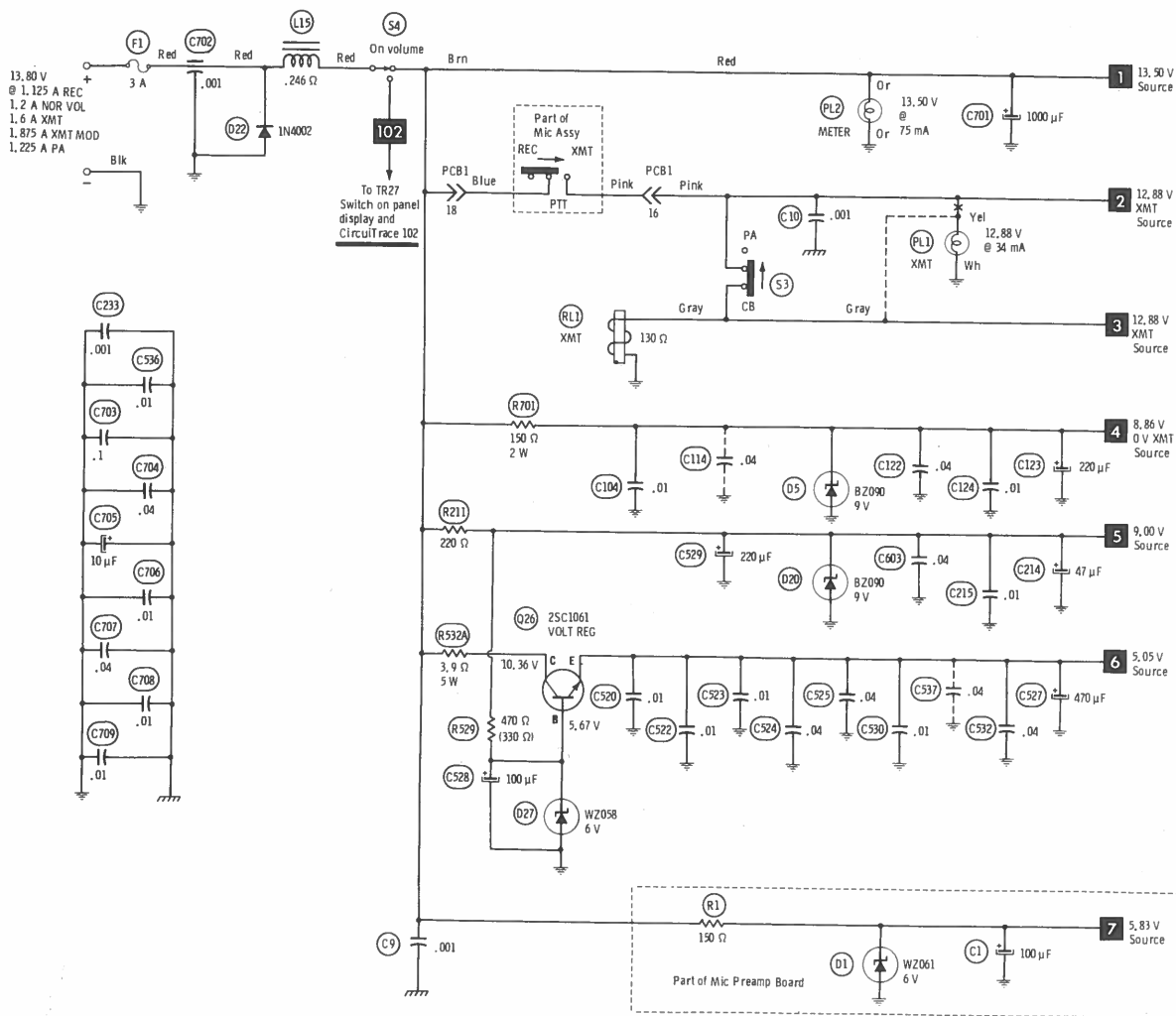
WIRING DATA

General-use Hook-up Wire (available in 5 colors)	BELDEN No. 8523	Coiled Microphone Cable	
Shielded Hook-up Wire (spiral wrapped)	BELDEN No. 8421	3-conductor (1 shielded)	23AWG BELDEN No. 9471 (5')
(braided)	BELDEN No. 8401		BELDEN No. 8497 (6')
Speaker Cable (available in 4 colors)	BELDEN No. 8782		BELDEN No. 9472 (7-1/2')
Bonding Strap	BELDEN No. 8672		28AWG BELDEN No. 9466 (6')
AC Power Cord	(6') BELDEN No. 17106		31AWG BELDEN No. 9468 (10')
	(9') BELDEN No. 17109	4-conductor (unshielded)	23AWG BELDEN No. 8415 (6')
		5-conductor (1 shielded)	28AWG BELDEN No. 9467 (6')
			BELDEN No. 9465 (7-1/2')

SEMICONDUCTORS (Select replacement transistor for best results)

REPLACEMENT DATA												
ITEM No.	TYPE No.	MFR. PART No.	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.
CHANNEL AND PLL BOARD												
CR1	NT102	8000-00042-014	GE-300	PTC651 PTC214	HEPR0602 HEPR2502 HEPZ0407 HEPR0602 HEPR9134A HEPR9134A HEPR9134A	RE 227	SK3100	RT-218	ECG6402 ECG5401 ECG177 ECG612	1N4148	WEP1076	ZEN-452
CR2	CRO2AM-1	8000-00042-015				RE 52			ECG136		WEP1062	
D25	WG713	8000-00038-008				RE 107			ECG136		WEP1104	
D26	MV201	8000-00038-010				RE 52			ECG177		WEP1062	
D27	WZ058					RE 47			ECG109		WEP134	
D28	1N4448	8000-00042-007				RE 47			ECG109		WEP134	
D29	1N4448	8000-00042-007				RE 109			ECG137A		WEP1154	
D30	1N34A	8000-00004-060				RE 386-IC			TVCN-506			
D31	1N34A	8000-00004-060				RE 386-IC			TVCN-506			
D32	1N34A	8000-00004-060				RE 386-IC			TVCN-501			
D33	1S331	8000-00004-239										
IC1	F9316PC	8000-00038-003	GEZD-6.2	ZB6.2B	HEPC3806P HEPC3000P HEPC3000P HEPC3000P HEPC3000P	RE 386-IC	TVCN-70 TVCN-500 TVCN-500 TVCN-500 TVCN-500	ECG974 ECG7400 ECG7400 ECG7400 ECG7400	ECG137A ECG177 ECG177 ECG74161 ECG74161 ECG74H22 ECG7493A ECG7493A	1N4735A 1N4148 1N4148 1N34A 1N34A 1N4735A	WEP7400	ZEN-430 ZEN-430 ZEN-430
IC2	F9316PC	8000-00038-003				RE-382-IC					WEP7400	
IC3	F9316PC	8000-00038-003				RE-382-IC					WEP7400	
IC4	74H22/9H22	8000-00038-005				RE-382-IC					WEP7400	
IC5	7493/9393	8000-00038-006				RE-382-IC					WEP7400	
IC6	7493/9393	8000-00038-006				RE-382-IC					WEP7400	
IC7	F7474PC	8000-00038-007										
IC8	7400/9N00	8000-00038-004										
IC9	MC4044P	8000-00038-002										
IC10	SN7400N											
IC11	M53200P											
IC12	M53393P											
IC13	M53393P											
IC14	SN7400N											
IC15	M53200P											
IC16	M54730P-2	8000-00042-012										
IC17	SN74185AN											
	M53385P	8000-00042-010										
MIC PREAMP BOARD												
D1	WZ061		GEZD-6.2	ZB6.2B	HEPR0602	RE 109	SK3100	RT-237	ECG137A	1N4735A	WEP1154	ZEN-114
D2	1N4448	8000-00042-007	GE-300	PTC214	HEPR0602	RE 52		RT-218	ECG177	1N4148	WEP1062	
D3	1N4448	8000-00042-007	GE-300	PTC214	HEPR0602	RE 52		TVCN-506	ECG74161	1N4148	WEP1062	
IC1	SL1626							TVCN-506	ECG74161			
Q1	F9316PC	8000-00038-003	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C											
MAIN BOARD												
D1	WG713	8000-00038-008	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	1N4148	WEP1062	ZEN-430
D2	WG713	8000-00038-008	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	1N4148	WEP1062	
D4	1N60		1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	
	1N60FM		1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D5	BZ090	8000-00011-043	GEZD-9.1	ZB9.1B		RE 114		RT-240	ECG139A	1N4739A	WEP1109	103-372
D6	WG713	8000-00038-008	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	1N4148	WEP1062	
D7	WG713	8000-00038-008	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	1N4148	WEP1062	
D8	1N60		1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
	1N60FM	8000-00038-009	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D9	1N60		1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
	1N60FM	8000-00038-009	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D10	1S84	8000-00004-064	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	1N4148	WEP1062	
D11	1N60		1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
	1N60FM	8000-00038-009	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D12	1N60		1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
	1N60FM	8000-00038-009	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D13	WG713	8000-00038-008	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	1N4148	WEP1062	
D14	1S2688B	8000-00011-166	GE-90		HEPR2503			RT-262	ECG614		WEP200	ZEN-453
D15	1N60		1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
	1N60FM	8000-00038-009	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D16	1N60FM	8000-00038-009	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
	1N60FM	8000-00038-009	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D17	1N34A	8000-00004-060	1N34AS	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109	1N34A	WEP134	ZEN-430
D18	1S1211	8000-00011-045				RE 250			ECG601			
D19	1N4002	8000-00030-010	GE-504A	PTC301	HEPRO052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-61
D20	BZ090	8000-00011-043	GEZD-9.1	ZB9.1B		RE 114		RT-240	ECG139A	1N4739A	WEP1109	103-372
D21	WG713	8000-00038-008	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	1N4148	WEP1062	
D22	1N4002	8000-00030-010	GE-504A	PTC301	HEPRO052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-61
D28	WG713	8000-00038-008	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177	1N4148	WEP1062	
D29	1N34A	8000-00004-060	1N34AS	PTC207	HEPR9134A	RE 47	SK3087	RT-200	ECG109	1N34A	WEP134	ZEN-430
D30	1N60		1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
Q1	3SK45	8000-00042-013	GE-FET-4	PTC182	HEPF2004	RE 199	SK3050	RT-181	ECG222		WEP905	121-826
Q2	3SK45	8000-00042-013	GE-FET-4	PTC182	HEPF2004	RE 199	SK3050	RT-181	ECG222		WEP905	121-826
Q3	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
Q4	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114

SBE MODEL SBE-43CB



Terminal Guides



Q3, Q4, Q6
Q9, Q1 Mic Preamp
Bottom view



Q5
Bottom view



Q15
Bottom view



Q14
Bottom view



Q1, Q2
Bottom view



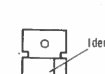
Q7
Front view



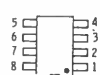
Q10, Q11, Q12
Q13
Front view



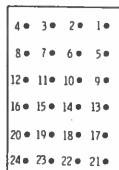
Q8, Q26
Front view



Q16, Q17
Front view



IC1
Top view



PCB1, PCB3
Wiring view

— Circuitry not used in some versions

- - - Circuitry used in some versions

⊕ 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.

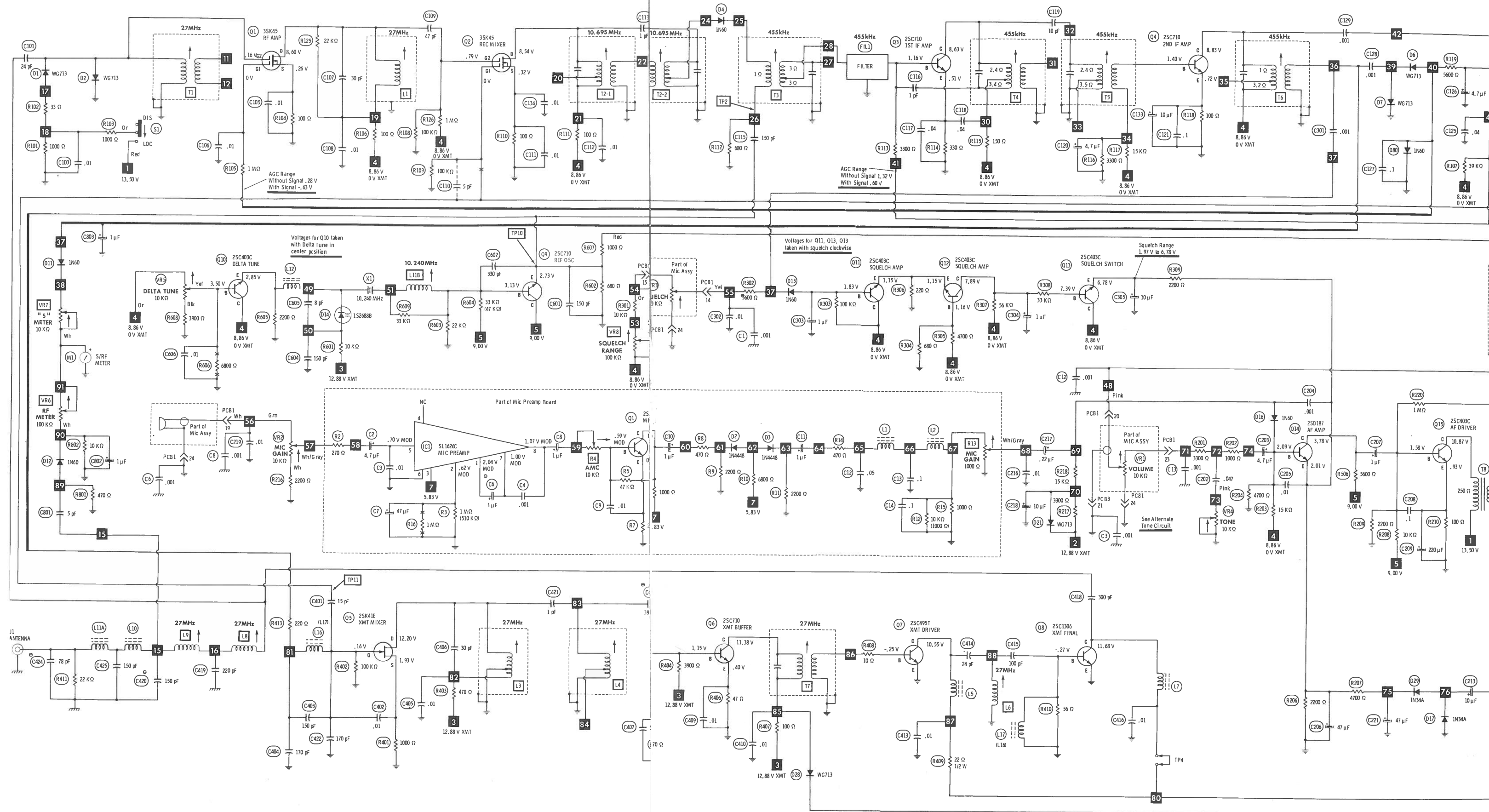
Resistors are 1/2W or less, 5% unless noted.

Value in () used in some versions.

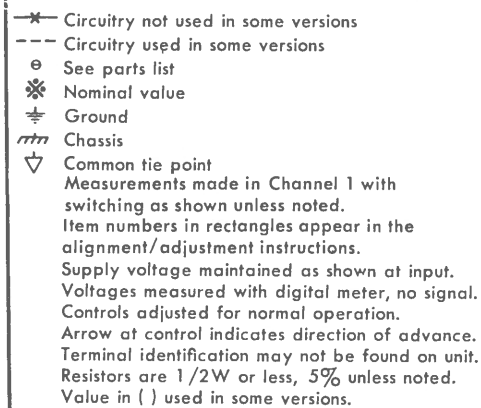
A PHOTOFACT STANDARD NOTATION SCHEMATIC

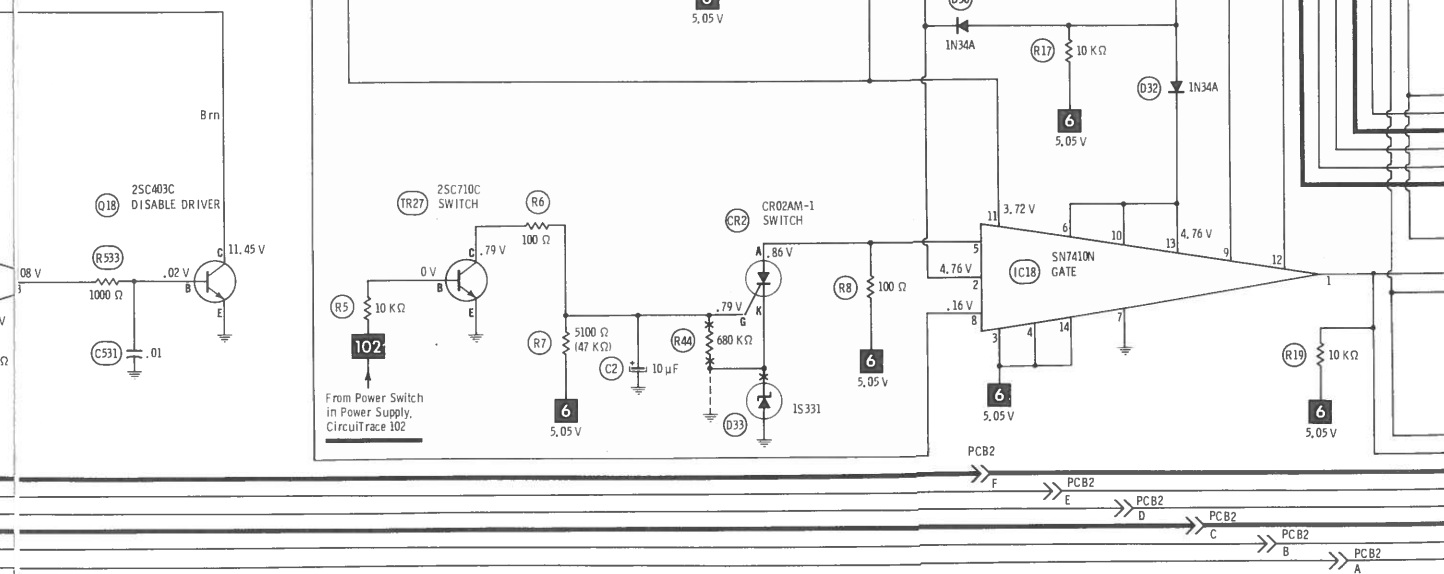
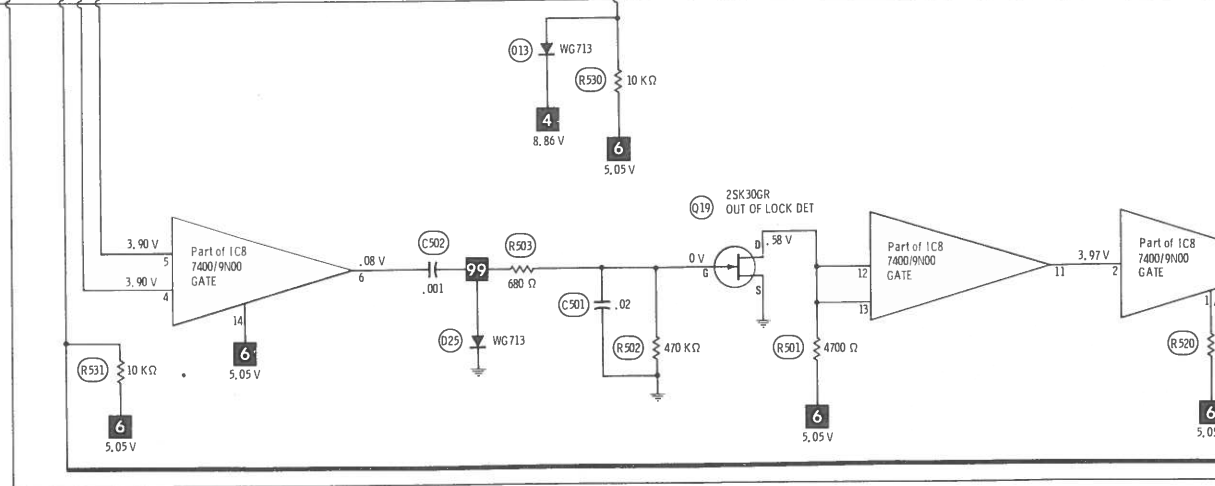
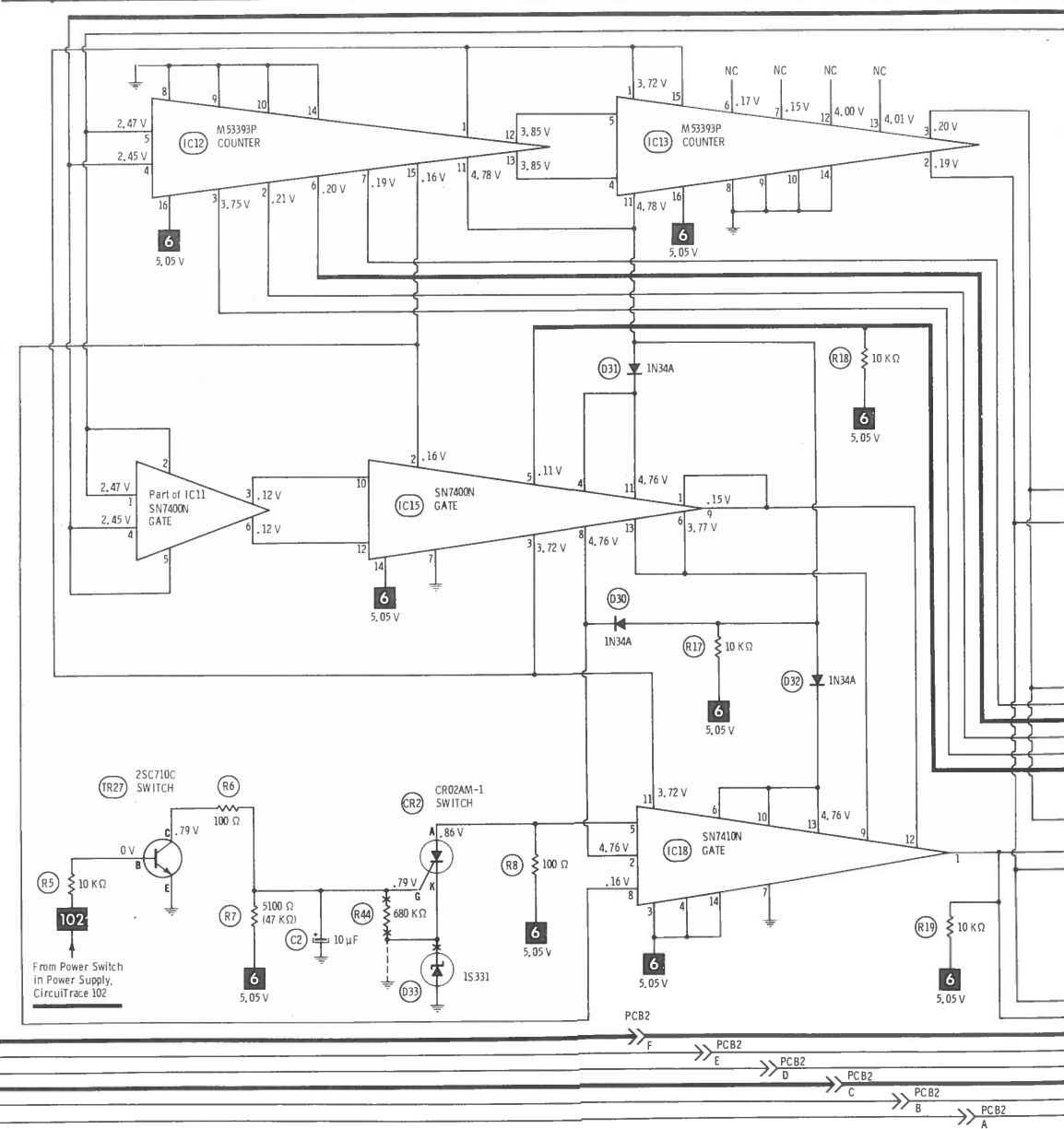
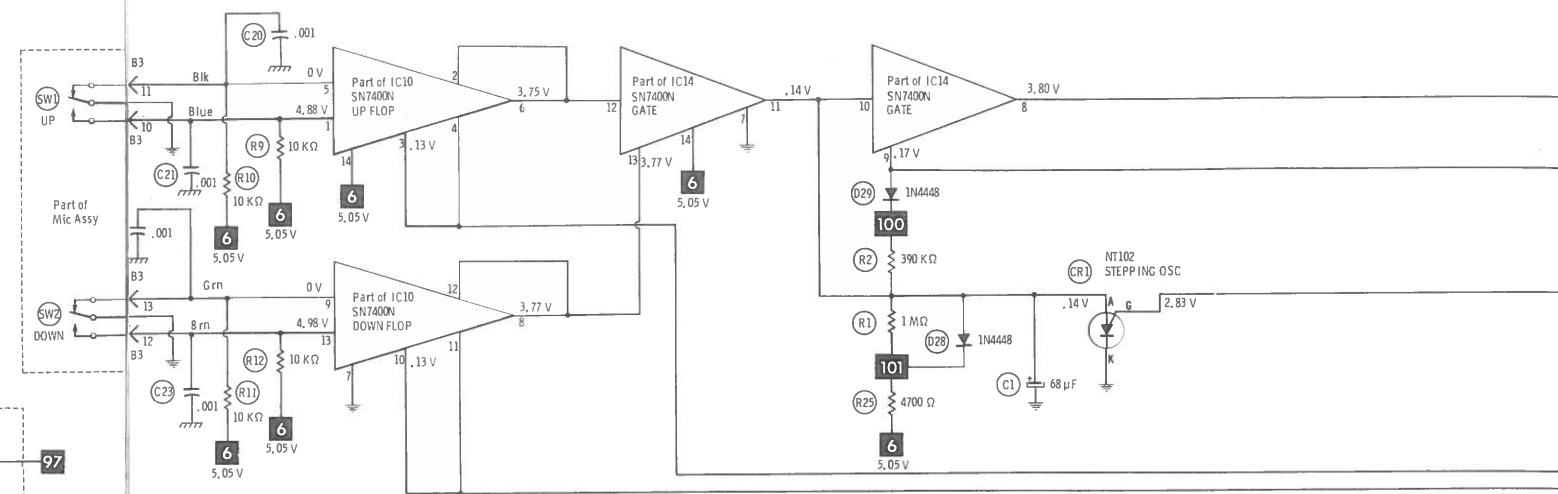
WITH **CIRCUITRACE®**

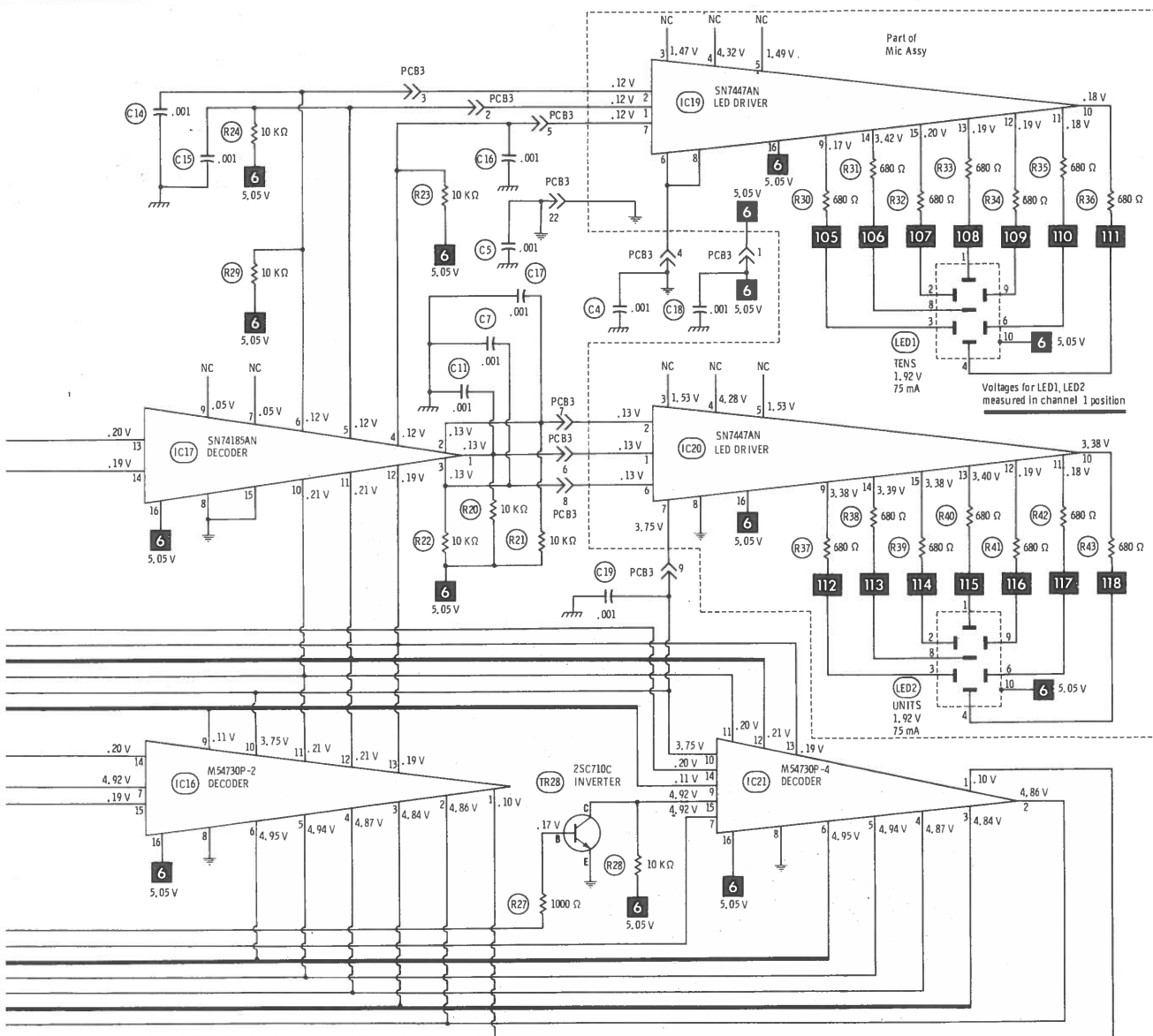
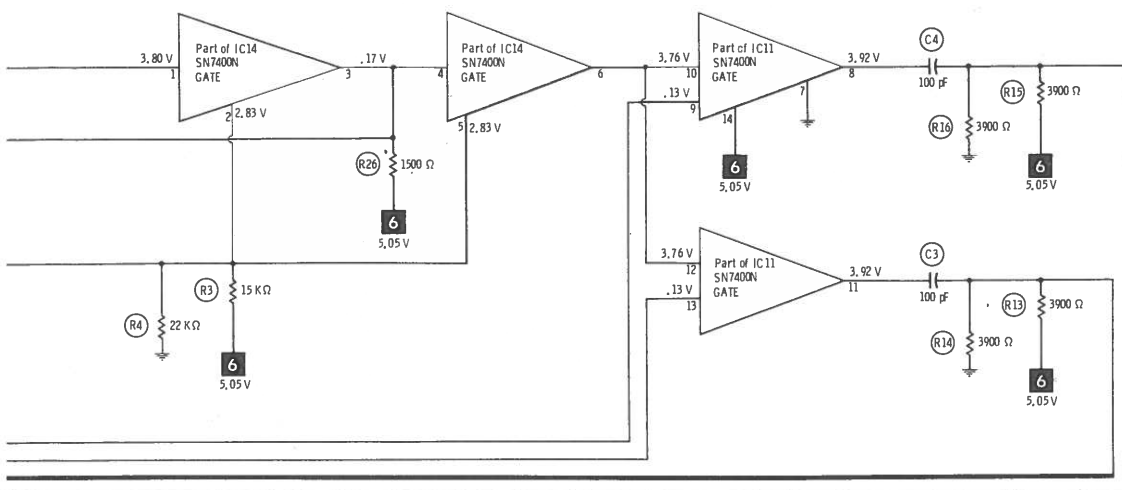
© Howard W. Sams & Co., Inc. 1978











PARTS LIST AND DESCRIPTION (CONTINUED)

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

SEMICONDUCTORS (Select replacement transistor for best results) (cont)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA									
			GENERAL ELECTRIC PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
Q5	2SK41E		GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312		WEP920	ZEN-123
Q6	2SK41		GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312		WEP920	ZEN-123
	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC763		GE-61*	PTC115	HEPS0020*	RE 10*	SK3018*	RT-309	ECG108*	2SC380*	WEP56	ZEN-127
Q7	2SC945T	8000-00004-089	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-Z9000
Q8	2SC1306	8000-00038-001 (14)	GE-215	PTC186		RE 203	SK3197	RT-146	ECG235	2SC1306	WEP785	
Q9	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
Q10	2SC403C	8000-00030-007	GE-62	PTC121*	HEPS0015*	RE 13*	SK3124	RT-302	ECG123A*	2SC620*	WEP403	ZEN-120
Q11	2SC403C	8000-00030-007	GE-62	PTC121*	HEPS0015*	RE 13*	SK3124	RT-302	ECG123A*	2SC620*	WEP403	ZEN-120
Q12	2SC403C	8000-00030-007	GE-62	PTC121*	HEPS0015*	RE 13*	SK3124	RT-302	ECG123A*	2SC620*	WEP403	ZEN-120
Q13	2SC403C	8000-00030-007	GE-62	PTC121*	HEPS0015*	RE 13*	SK3124	RT-302	ECG123A*	2SC620*	WEP403	ZEN-120
Q14	2S0187		GE-59	PTC134	HEPG6011	RE 6	SK3010	RT-119	ECG103A	2S0187	WEP6418	
	2SC187R,Y	8000-00030-009	GE-86*	PTC132*	HEPS0033*	RE 9*	SK3019	RT-108*	ECG107*	2SC380*	WEP535*	ZEN-104
Q15	2SC403C	8000-00030-007	GE-62	PTC121*	HEPS0015*	RE 13*	SK3124	RT-302	ECG123A*	2SC620*	WEP403	ZEN-120
Q16	2SC1014		GE-273	PTC193		RE 213		RT-137	ECG300		WEP1014	
	2SC1014C1	8000-00004-087	GE-273	PTC193		RE 213		RT-137	ECG300		WEP1014	
	2SC1014		GE-273	PTC193		RE 213		RT-137	ECG300		WEP1014	
Q17	2SC1014C1	8000-00004-087	GE-273	PTC193		RE 213		RT-137	ECG300		WEP1014	
IC18	SN7410N											
	M53210P	8000-00042-009										
IC21	M54730P-4	8000-00045-005										
Q18	2SC403C	8000-00030-007	GE-62	PTC121*	HEPS0015*	RE 13*	SK3124	RT-302	ECG123A*	2SC620*	WEP403	ZEN-120
Q19	2SK308R	8000-00010-017	GE-FET-1	PTC151	HEPF0010	RE 46	SK3112	RT-176	ECG133		WEP801	ZEN-123
Q20	2SC458LG		GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG123A*	2SC458	WEP458	ZEN-114
	2SC458LGC	8000-00011-049	GE-210*	PTC121*	HEPS0009*	RE 13*	SK3124	RT-187	ECG123A*	2SC458	WEP458	ZEN-114
Q21	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
Q22	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
Q23	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
Q24	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
Q25	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
Q26	2SC1061		GE-66	PTC154		RE 21	SK3054	RT-197	ECG152	2SC1061	WEP745	
	2SC1061C	8000-00011-050	GE-66	PTC154		RE 21	SK3054	RT-197	ECG152	2SC1061	WEP745	
TR27	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
TR28	2SC710		GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114
	2SC710C	8000-00011-047	GE-211*	PTC132	HEPS0016*	RE 13*	SK3018*	RT-308*	ECG123A*	2SC710	WEP710	ZEN-114

MIC ASSEMBLY

IC19	SN7447AN								ECG7447			
	5L1626	8000-00045-004							ECG7447			
IC20	SN7447AN								ECG7447			
	5L1626	8000-00045-004							ECG7447			

* Lead configuration may vary from original.

(14) Rating, 12 WATTS @ 3.0 AMPS.

ELECTROLYTIC CAPACITORS

ITEM No.		RATING	REPLACEMENT DATA				
			MFRG. PART No.	CORNELL- DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
CHANNEL AND PLL BOARD							
C1	.68 35V	8000-00042-005		TDC684M050EL	QDT1-22	SD50-R689	
C2	10 16V	8000-00004-047	PC10-25	VTT10B25	QV1-41	EV-1222	
C505	.22 25V	8000-00004-045	PC1-50	VTT4R7A63	QV1-3	EV-1610	
C507	1 50V	8000-00004-042	PC1-50	VTT1A50	QV1-11	EV-1615	
C527	470 16V	8000-00032-003	PC500-16	VTT470K16	QV1-151	EV-1250	
C528	100 16V	8000-00004-046	PC100-16	VTT100F16	QV1-95	EV-1230	
C529	220 16V	8000-00004-044	PC250-25	VTT220H16	QV1-117	EV-1240	
MIC PREAMP BOARD							
C1	100 16V		PC100-16	VTT100F16	QV1-95	EV-1230	
C2	4.7 25V		PC5-50	VTT4R7B50	QV1-27	EV-1319	
C6	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615	
C7	22 16V			TDC226M015FL	QDT1-82	SD15-229	
C8	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615	
C10	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615	
C11	1 50V		PC1-50	VTT1A50	QV1-11	EV-1615	
MAIN BOARD							
C120	4.7 25V	8000-00038-015	PC5-50	VTT4R7B50	QV1-27	EV-1319	
C123	220 16V	8000-00004-044	PC250-25	VTT220H16	QV1-117	EV-1240	
C126	4.7 25V	8000-00038-015	PC5-50	VTT4R7B50	QV1-27	EV-1319	
C132	.22 25V	8000-00004-045	PC1-50	VTT4R7A63	QV1-3	EV-1610	
C133	10 16V	8000-00004-047	PC10-25	VTT10B25	QV1-41	EV-1222	
C203	4.7 25V	8000-00038-015	PC5-50	VTT4R7B50	QV1-27	EV-1319	
C206	47 16V	8000-00004-009	PC50-16	VTT47D16	QV1-73	EV-1226	
C207	1 50V	8000-00024-087	PC1-50	VTT1A50	QV1-11	EV-1615	
C209	220 16V	8000-00004-044	PC250-25	VTT220H16	QV1-117	EV-1240	
C213	1 50V	8000-00024-087	PC1-50	VTT1A50	QV1-11	EV-1615	
C214	47 16V	8000-00004-009	PC50-16	VTT47D16	QV1-73	EV-1226	

PARTS LIST AND DESCRIPTION (CONTINUED)

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

ELECTROLYTIC CAPACITORS (cont)

ITEM No.	RATING	REPLACEMENT DATA				
		MFGR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C217	.22 25V	8000-00004-045	PC1-50	VTTR47A63	QV1-3	EV-1610
C218	10 16V	8000-00004-047	PC10-25	VTT10B25	QV1-41	EV-1222
C221	10 16V	8000-00004-047	PC10-25	VTT10B25	QV1-41	EV-1222
C303	1 50V	8000-00024-087	PC1-50	VTT1A50	QV1-11	EV-1615
C304	1 50V	8000-00024-087	PC1-50	VTT1A50	QV1-11	EV-1615
C305	10 16V	8000-00004-047	PC10-25	VTT10B25	QV1-41	EV-1222
C701	1000 16V	8000-00004-049	PC1000-16	VTT1000L16	QV1-183	EV-1260
C705	10 16V	8000-00004-047	PC10-25	VTT10B25	QV1-41	EV-1222
C802	1 50V	8000-00024-089	PC1-50	VTT1A50	QV1-11	EV-1615
C803	1 50V	8000-00024-089	PC1-50	VTT1A50	QV1-11	EV-1615

CAPACITORS

			REPLACEMENT DATA				
ITEM No.	RATING	MFGR. PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
CHANNEL AND PLL BOARD							
C3	100 10%			CD15FD101J03	SX310	QW1-27	MWA-101
C4	100 10%			CD15FD101J03	SX310	QW1-27	MWA-101
C501	.02			DPMS2S2	PVC212		2PS-S20
C502	.001			DPMS6D1	EWFTA210	QFT2-1	1FT-D10
C503	.01		UK50-103		MAG5011		
C504	.047			DPMS2S47	EWFTA147	QFT2-171	1FT-S47
C506	.02			DPMS2S2	PVC212		2PS-S20
C508	.047			DPMS2S47	EWFTA147	QFT2-171	1FT-S47
C509	20 N750		DTN-20	N20	CN7420		10TCU-Q20
C510	100			CD15FD101J03	SX310	QW1-27	MWA-101
C511	47 N470		DTN-47	N47	CN7447		10TCU-Q47
C512	5			CD15CD050D03		QW1-2	MWA-050
C513	.01		UK50-103		MAG5011		
C514	5			CD15CD050D03		QW1-2	MWA-050
C515	100			CD15FD101J03		QW1-27	MWA-101
C516	.01		UK50-103		SX310		
C517	.01		UK50-103		MAG5011		
C518	.01		UK50-103		MAG5011		
C519	.01		UK50-103		MAG5011		
C520	.01		UK50-103		MAG5011		
C521	47			CD15ED470J03	SX447	QW1-19	MWA-470
C522	.01		UK50-103		MAG5011		
C523	.01		UK50-103		MAG5011		
C524	.04				M192P3939R8	QFT2-159	1FT-S39
C525	.04				M192P3939R8	QFT2-159	1FT-S39
C526	30			CD15ED300J03	SX430	QW1-14	MWA-300
C530	.01		UK50-103		MAG5011		
C531	.01		UK50-103		MAG5011		
C532	.04				M192P3939R8	QFT2-159	1FT-S39
C534	.001		DD-102		GP210		10TS-D10
C535	.01		UK50-103		MAG5011		
C536	.01		UK50-103		MAG5011		
C537	.04	8000-00006-080(1)					
C538	100 10%			CD15FD101J03	SX310	QW1-27	MWA-101
MIC PREAMP BOARD							
C3	.01						
C4	.001		UK50-103		MAG5011		
C9	.01		DD-102		GP210		10TS-D10
C12	.05		UK50-103		MAG5011		
C13	.1		UK50-503		MAG5015		
C14	.1		CK-104		MAG5001		
C14	.1		CK-104		MAG5001		
MAIN BOARD							
C101	24			CD15ED240J03	SX424	QW1-12	MWA-240
C103	.01		UK50-103		MAG5011		
C104	.01		UK50-103		MAG5011		
C105	.01		UK50-103		MAG5011		
C106	.01		UK50-103		MAG5011		
C107	30 N330				*		10TCS-Q30
C108	.01		UK50-103		MAG5011		
C109	47		DTN-47	N47	CN7447		10TCU-Q47
C110	5	8000-00011-008(1)					
C111	.01		UK50-103		MAG5011		
C112	.01		UK50-103		MAG5011		
C113	1			CD15CD010D03		QW1-1	MWA-010
C114	.04	8000-00004-003(1)					
C115	150 10%			CD15FD151J03	SX315	QW1-31	MWA-151
C116	1			CD15CD010D03		QW1-1	MWA-010
C117	.04				M192P3939R8	QFT2-159	1FT-S39
C118	.04				M192P3939R8	QFT2-159	1FT-S39
C119	.01		UK50-103		MAG5011		
C121	.1 10%			WMF05P1	EWFO5010	QFT2-215	1FT-P10
C122	.04 10%				M192P3939R8	QFT2-159	1FT-S39
C124	.01		UK50-103		MAG5011		
C125	.04				M192P3939R8	QFT2-159	1FT-S39
C127	.1 10%			WMF05P1	EWFO5010	QFT2-215	1FT-P10
C128	.001		DD-102		GP210		10TS-D10
C129	.001		DD-102		GP210		10TS-D10
C130	.001 50V			DPMS6D1	EWFTA210	QFT2-1	1FT-D10
	.002 50V						
C131	.02			DPMS2S2	PVC212		2PS-S20
C134	.01		UK50-103		MAG5011		
C201	.047	8000-00006-072(1)					
C202	.047			DPMS2S47	EWFTA147	QFT2-171	1FT-S47

SBE MODEL SBE-43CB

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
C204	.001		DD-102		GP210		10TS-D10
C205	.01		UK50-103		MAG5011		
C208	.1 10%			WMF05P1	EWFO5010	QFT2-215	1FT-P10
C210	.005 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C211	.005 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C212	.01		UK50-103		MAG5011		
C215	.01		UK50-103		MAG5011		
C216	.01		UK50-103		MAG5011		
C220	.01		UK50-103		MAG5011		
C301	.1		CK-104		MAG5001		
C302	.01		UK50-103		MAG5011		
C401	15			CD15CD150J03		QW1-8	MWA-150
C402	.01		UK50-103		MAG5011		
C403	150			CD15FD151J03	SX315	QW1-31	MWA-151
C404	170			CD15FD181J03	SX318	QW1-33	MWA-181
C405	.01		UK50-103		MAG5011		
C406	30			CD15ED300J03	SX430	QW1-14	MWA-300
C407	500 10%			CD15FD511J03	SX351	QW1-43	MWA-511
C408	39 10%			CD15ED390J03	SX439	QW1-17	MWA-390
C409	.01		UK50-103		MAG5011		
C410	.01		UK50-103		MAG5011		
C411	130 10%			CD15FD131J03	SX313	QW1-30	MWA-131
C413	.01		UK50-103		MAG5011		
C414	24 10%			CD15ED240J03	SX424	QW1-12	MWA-240
C415	100 10%			CD15FD101J03	SX310	QW1-27	MWA-101
C416	.01		UK50-103		MAG5011		
C418	300 10%			CD15FD301J03	SX330	QW1-38	MWA-301
C419	220 10%			CD15FD221J03	SX322	QW1-35	MWA-221
C420	150		DTZ-150		CN0315		10TCC-T15
C421	1 10%			CD15CD010D03		QW1-1	MWA-010
C422	170 10%			CD15FD161J03	SX316	QW1-32	MWA-161
C601	150 10%			CD15FD151J03	SX315	QW1-31	MWA-151
C602	330 10%			CD15FD331J03	SX333	QW1-39	MWA-331
C603	.04 10%				M192P3939R8	QFT2-159	1FT-S39
C604	150 10%			CD15FD151J03	SX315	QW1-31	MWA-151
C605	8 10%			CD15CD080D03		QW1-5	MWA-080
C606	.01 50V		UK50-103		MAG5011		
C703	1			CD15CD010D03		QW1-1	MWA-010
C704	.04 10%				M192P3939R8	QFT2-159	1FT-S39
C706	.01		UK50-103		MAG5011		
C707	.04 10%				M192P3939R8	QFT2-159	1FT-S39
C708	.01		UK50-103		MAG5011		
C709	.01		UK50-103		MAG5011		
C801	150 10%			CD15FD151J03	SX315	QW1-31	MWA-151
CHASSIS							
C1	.001		DD-102		GP210		10TS-D10
C2	.001		DD-102		GP210		10TS-D10
C3	.001		DD-102		GP210		10TS-D10
C4	.001		DD-102		GP210		10TS-D10
C5	.001		DD-102		GP210		10TS-D10
C6	.001		DD-102		GP210		10TS-D10
C7	.001		DD-102		GP210		10TS-D10
C8	.001		DD-102		GP210		10TS-D10
C9	.001		DD-102		GP210		10TS-D10
C10	.001		DD-102		GP210		10TS-D10
C11	.001		DD-102		GP210		10TS-D10
C12	.001		DD-102		GP210		10TS-D10
C13	.001		DD-102		GP210		10TS-D10
C14	.001		DD-102		GP210		10TS-D10
C15	.001		DD-102		GP210		10TS-D10
C16	.001		DD-102		GP210		10TS-D10
C17	.001		DD-102		GP210		10TS-D10
C18	.001		DD-102		GP210		10TS-D10
C19	.001		DD-102		GP210		10TS-D10
C20	.001		DD-102		GP210		10TS-D10
C21	.001		DD-102		GP210		10TS-D10
C22	.001		DD-102		GP210		10TS-D10
C23	.001		DD-102		GP210		10TS-D10
C230	.001		DD-102		GP210		10TS-D10
C231	.001		DD-102		GP210		10TS-D10
C232	.001		DD-102		GP210		10TS-D10
C233	.001		DD-102		GP210		10TS-D10
C424	78 10%				GP210		10TS-D10
C425	170 10%	8000-00006-059		CD15FD151J03	SX315	QW1-31	MWA-151
C702	.001	8000-00004-048					

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

(1) Used in some versions.

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.
R4	AMC	10K		T-10K (2)	C-103 (2)	MTC14L1 (2)	X201R103B (2)
R13	Mic Gain	1000		T-1000	C-102	MTC13L1	X201R102B
VR1	Volume	10K					
VR2	Mic Gain/Power Switch	10K	8000-00042-003				
VR3	Squelch	10K					
VR4	Tone	10K	8000-00030-002				
VR5	Delta Tune	10K	8000-00030-002				
VR6	RF Meter	100K	8000-00004-094	T-100K (2)	C-104 (2)	MTC15L1 (2)	X201R104B (2)
VR7	S Meter	10K	8000-00004-097	T-10K (2)	C-103 (2)	MTC14L1 (2)	X201R103B (2)
VR8	Squelch Range	100K	8000-00004-094	T-100K (2)	C-104 (2)	MTC15L1 (2)	X201R104B (2)

(2) Cut off one of the end terminals and bend to fit 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.	MFR. PART No.			WORKMAN PART No.	MFR. PART No.
R532	3.9 5W		8000-00042-004				

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
PLL BOARD					
L13	16MHz Amp	8000-00038-017			
L15B	Active Filter(16MHz)	8000-00038-025			
MIC PREAMP BOARD					
L1	RF Choke				
L2	RF Choke				
MAIN BOARD					
L1	RF Amp (27MHz)	8000-00038-016			
L5	XMT Mixer (27MHz)	8000-00038-017			
L4	XMT Mixer (27MHz)	8000-00038-017			
L5	RF Choke (2.5uH)	8000-00030-011			
L6	XMT Driver (27MHz)	8000-00004-078			
L7	RF Choke (.65uH)	8000-00004-055			
L8	Xmt Final (27MHz)	8000-00004-077		CB144 (34)	
L9	P1 Filter (27MHz)	8000-00004-077		CB144 (34)	
L10	RF Choke (.85uH)	8000-00004-059			
L11A	Antenna Match				
L11B	RF OSC(10.240MHz)				
L12	RF Choke (150uH)	8000-00004-057			
L15A	RF Choke				
L16	RF Choke				
L17	RF Choke				
T1	Rec Antenna (27MHz)	8000-00038-018			
T2-1	Rec Mixer(10.695MHz)	8000-00038-019			
T2-2	Rec Mixer(10.695MHz)	8000-00038-020			
T3	IF(455kHz)	8000-00030-018			
T4	IF(455kHz)	8000-00012-034		2067	
T5	IF(455kHz)	8000-00012-034		2067	
T6	IF(455kHz)	8000-00038-021			
T7	XMT Buffer (27mHz)	8000-00030-016			

SBE MODEL SBE-43CB

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFR. PART No.	THORDARSON PART No.	TRIAD PART No.	
L15	1.875A	.246	2.08mH	8000-00030-012 (K-10) (1)			(1) Number on unit

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T8	2	1.6CT		8000-00030-019 (A-31) (1)			(1) Number on unit

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T9	32	1 2 8 15.68	8000-00012-037 (E-03) (1)		MCB-55	(1) Number on unit.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP1	3 5/8" PM, 8 Ohms	8000-00038-036	3A05Z8R	

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	3A Quick Acting	8000-00009-026	8000-00004-151	AGC3	HDJ	312003	150145	FG3-2

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC Lead Color →	Red	Shield	Yellow	Blue	White	Black
M1C	8000-00042-025				Orig Color →						

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
MIC ASSEMBLY			
	Connector	8000-00042-017	24 Pin(Mic Cord)
	Cord	8000-00042-048	Mic(Coiled)
	Switch	8000-00042-036	Control (Micro) (Channel)
	Switch	8000-00042-035	Xmt
	P.C. Board	8000-00042-037	Complete
	P.C. Board	8000-00042-032	
MAIN BOARD			
FL1	Filter	8000-00004-139	455kHz Ceramic
RL1	Relay	8000-00030-022	Xmt (12V DC)
X1	Crystal	8000-00038-011	10.240MHz
	P.C. Board	8000-00042-033	
CHASSIS			
J1	Jack	8000-00004-069	Antenna
J2	Jack	8000-00030-021	Ext Speaker
J3	Jack	8000-00030-021	PA
M1	Meter	8000-00030-029	RF/S
PL1	Lamp	8000-00004-142	Xmt 12.88V @ 34MA
PL3	Lamp	8000-00011-056	Meter 13.54 @ 75 mA
S1	Switch	8000-00038-032	Dis-Loc
S2	Switch	8000-00038-032	NL-Off
S3	Switch	8000-00038-032	PA-CB
	P. C. Board	8000-00042-033	Main

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

ITEM	PART No.	ITEM	PART No.
MIC ASSEMBLY		CHASSIS	
Button	8000-00042-043	Bezel Front	8000-00042-021
Case Front	8000-00042-042	Cabinet	8000-00042-024
Case Rear	8000-00042-034	Knob Delta Tune	8000-00038-035
Knob(DW)	8000-00042-044	Panel Front	8000-00042-022
Knob(UP)	8000-00042-045		