

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-34CB

SBE MODEL SBE-34CB

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

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Printed in U. S. of America

7CY438

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:
 L1,L2,L6,L7,L8,L10 thru L13,L20.....9440
 L3,L4,L5,L14,L18,L19.....8728

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Inputs of frequency counter and RF VTVM to Q8 emitter.	Ch. 13	L6	Adjust for 37.750MHz at maximum.
Input of frequency counter to Q8 emitter.	Ch. 17 Ch. 21 Ch. 1 Ch. 5 Ch. 9		Check for 37.800MHz. Check for 37.850MHz. Check for 37.600MHz. Check for 37.650MHz. Check for 37.700MHz.
Input of frequency counter to Q9 emitter.	Ch. 13 Ch. 14 Ch. 15 Ch. 16		Check for 10.180MHz. Check for 10.170MHz. Check for 10.160MHz. Check for 10.140MHz.
Input of RF VTVM to L8 secondary.	Ch. 13	L7,L8	Adjust for maximum.
Input of frequency counter to Q9 emitter.	Ch. 13, Xmit Ch. 14, Xmit Ch. 15, Xmit Ch. 16, Xmit		Remove X4 crystal. Check for 10.635MHz. Check for 10.625MHz. Check for 10.615MHz. Check for 10.595MHz. Replace X4.

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 Q2 base. 455kHz,1000Hz @ 30% modulation.	Ch. 13	L5,L4,L3	Adjust for maximum output.
Output of signal generator thru .01uF to antenna jack. 27.115MHz,1000Hz @ 30% modulation.	Ch. 13	L2,L1	Adjust for maximum output. Repeat above steps, if necessary.

RECEIVER ADJUSTMENTS

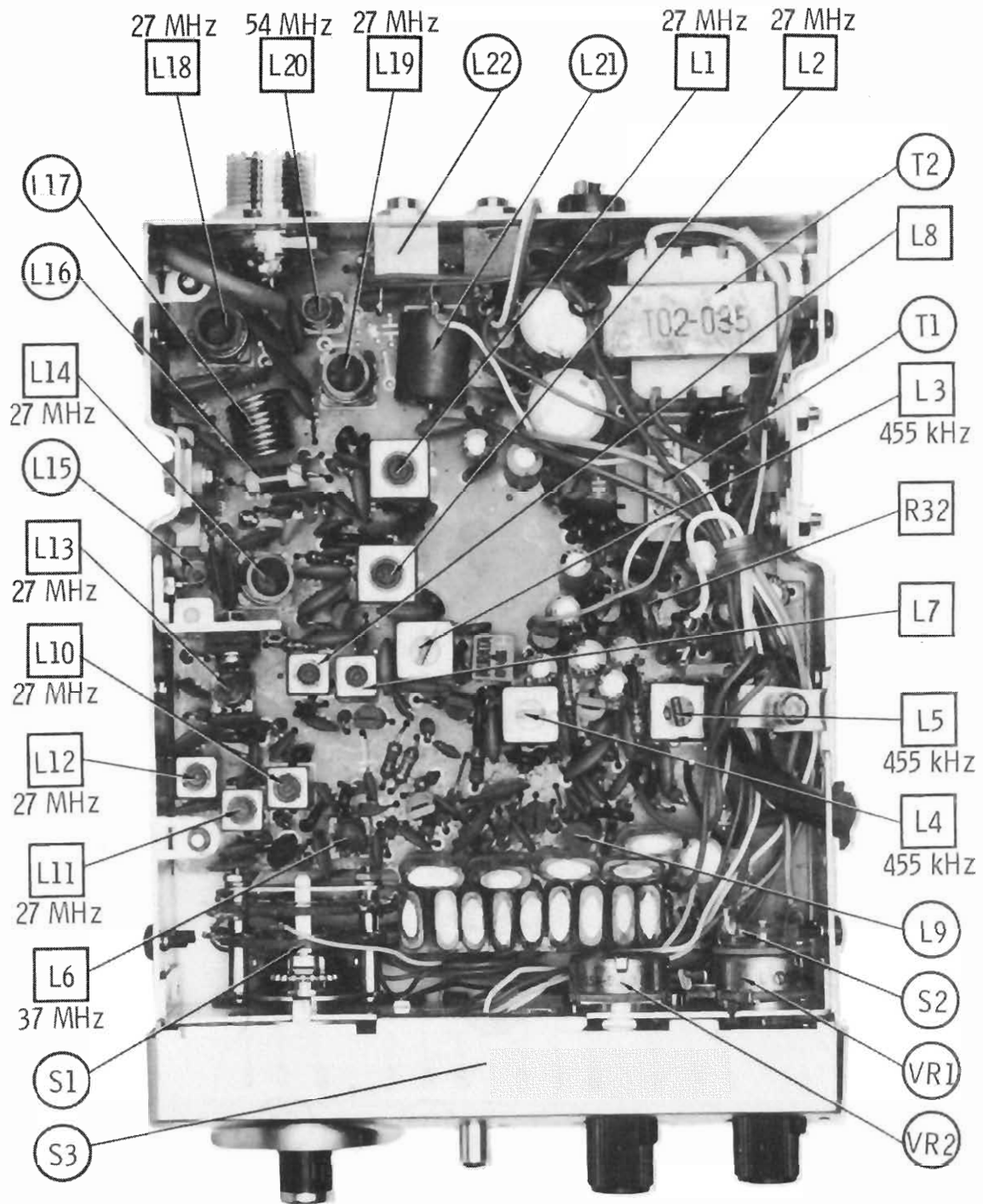
Connect an AC VTVM or AF wattmeter across speaker voice coil.
 Adjust volume control to obtain a suitable indication.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.115MHz,1000Hz @ 30% modulation. Output 300uV.	Ch. 13	R32	SQUELCH RANGE Set squelch control VR2 fully clockwise. Adjust R32 so that squelch just breaks.

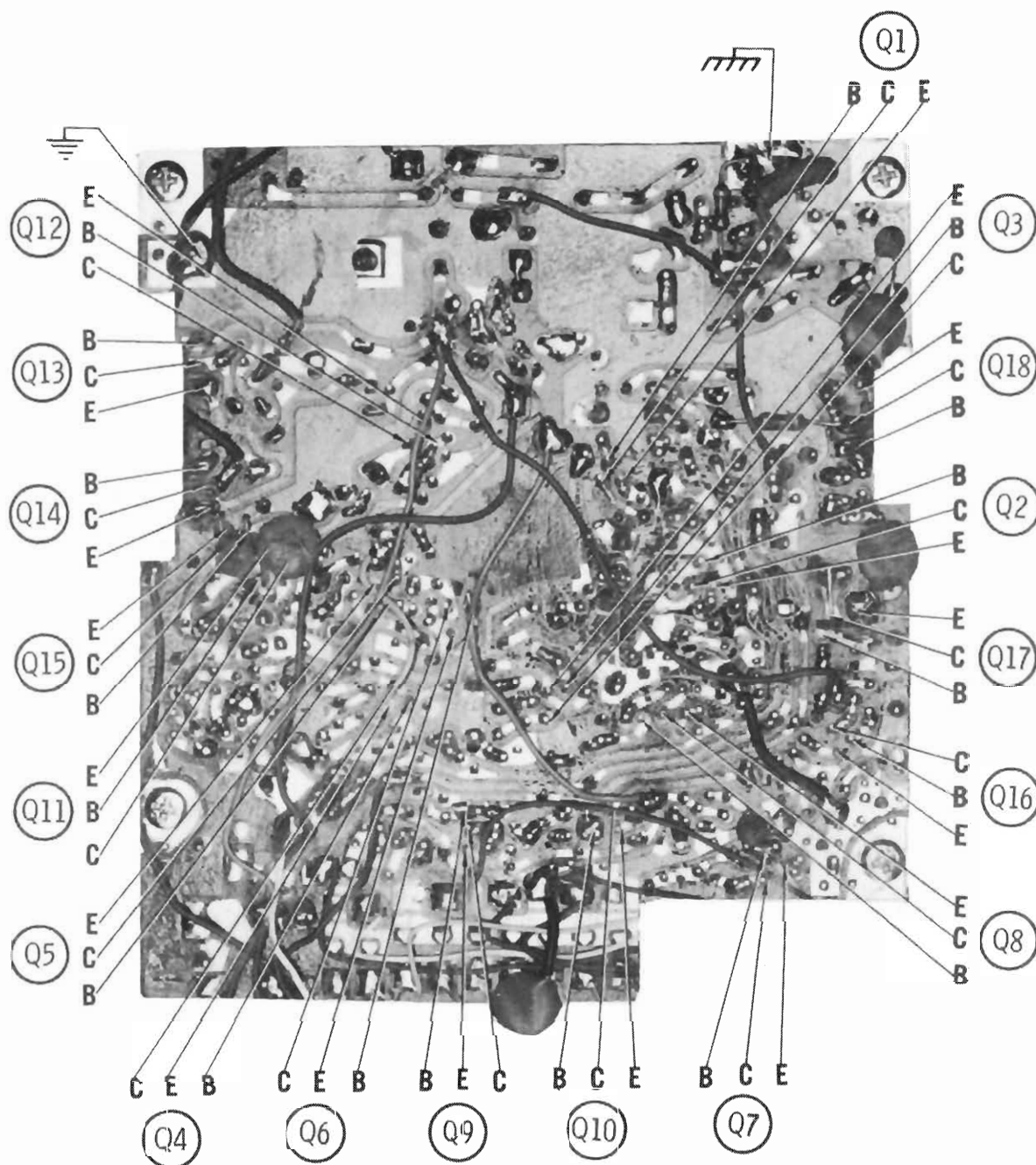
TRANSMITTER ALIGNMENT

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.

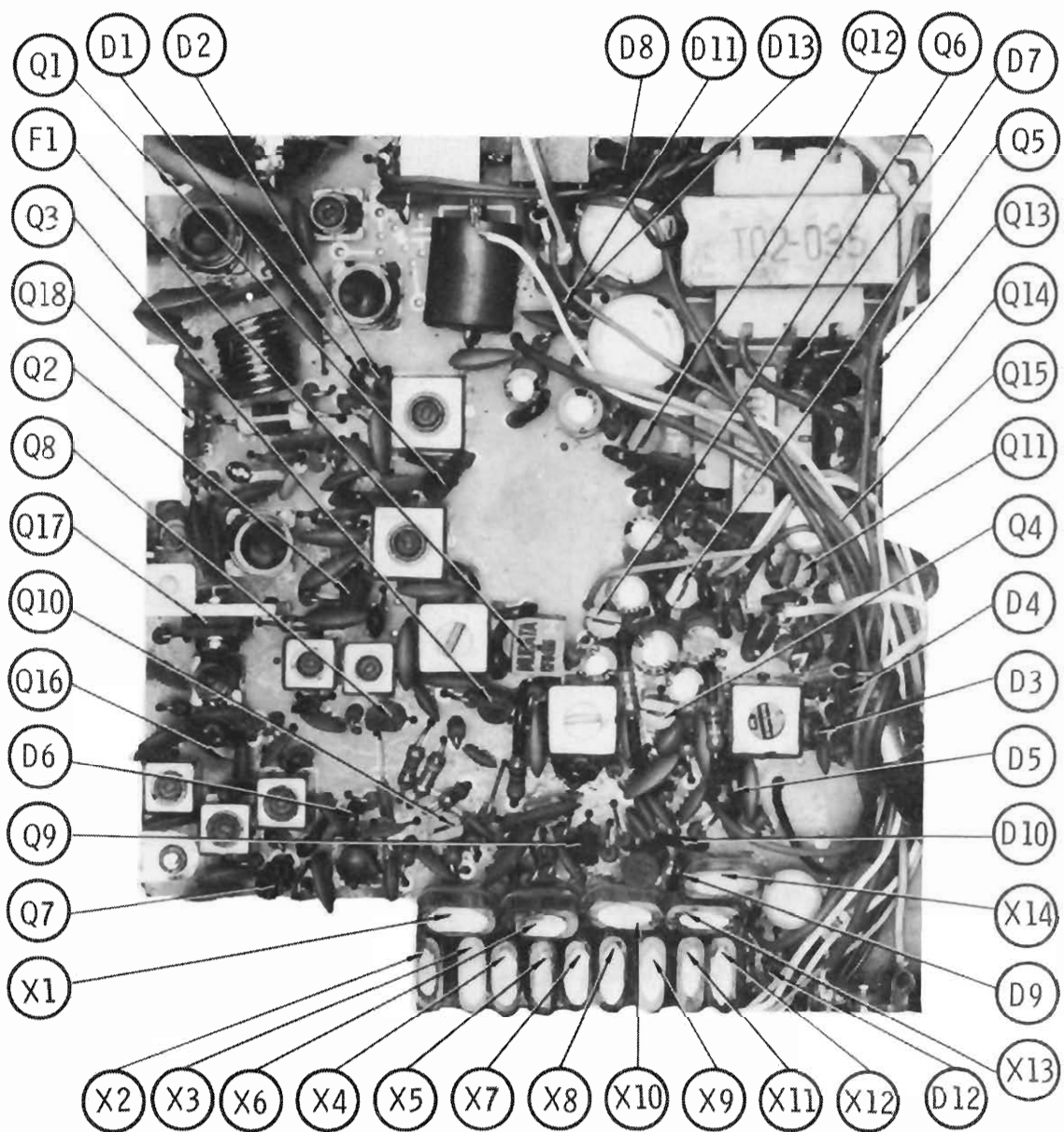
TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
	Ch. 13	L10,L11, L12,L13, L14,L18, L19	Adjust for maximum.
	Ch. 13	L19,L18	Adjust for 4 watts maximum.
Input of spectrum analyzer to antenna jack.	Ch. 13	L20	Adjust for MINIMUM at 54MHz.



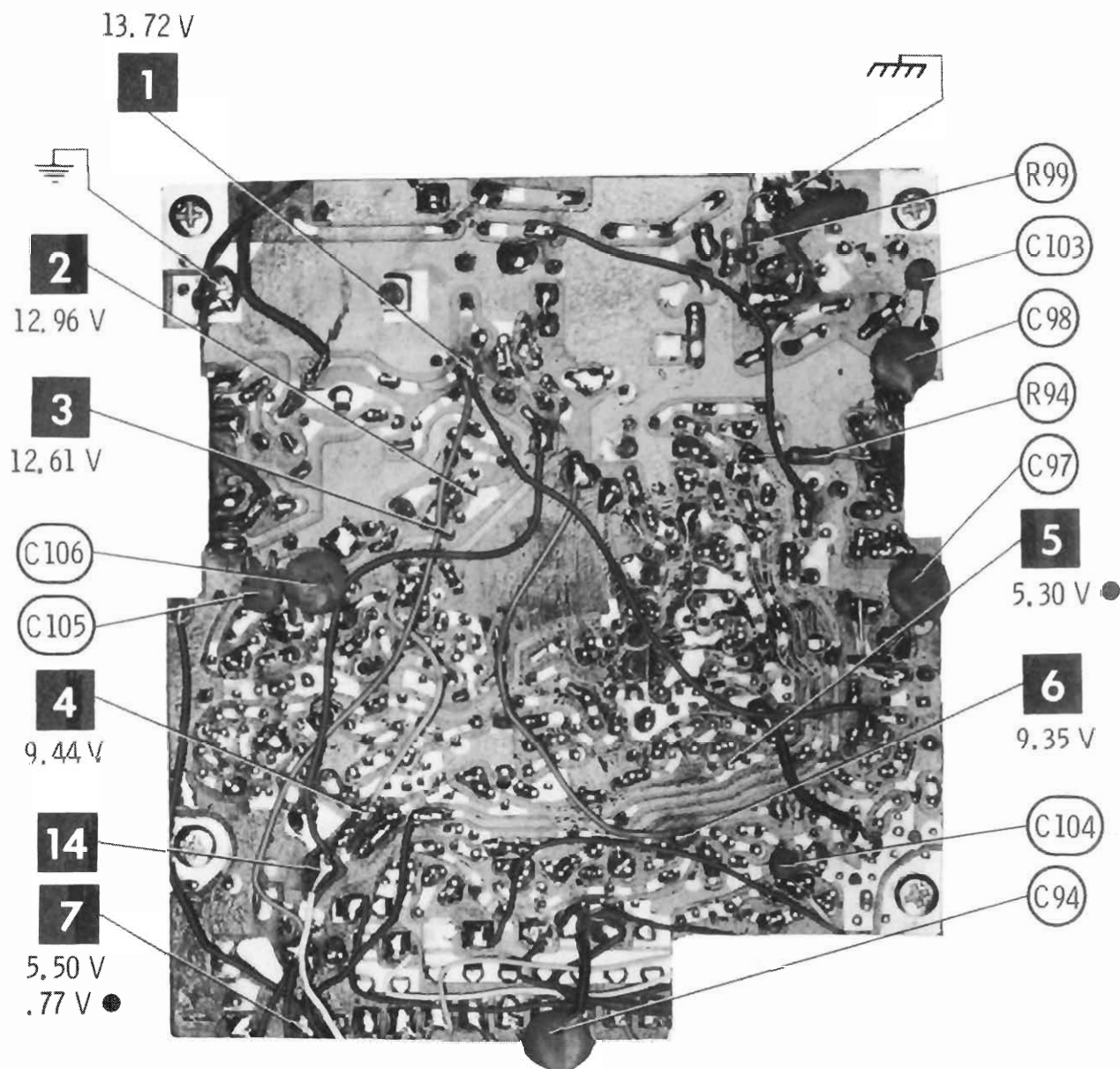
CHASSIS-BOTTOM



MAIN BOARD

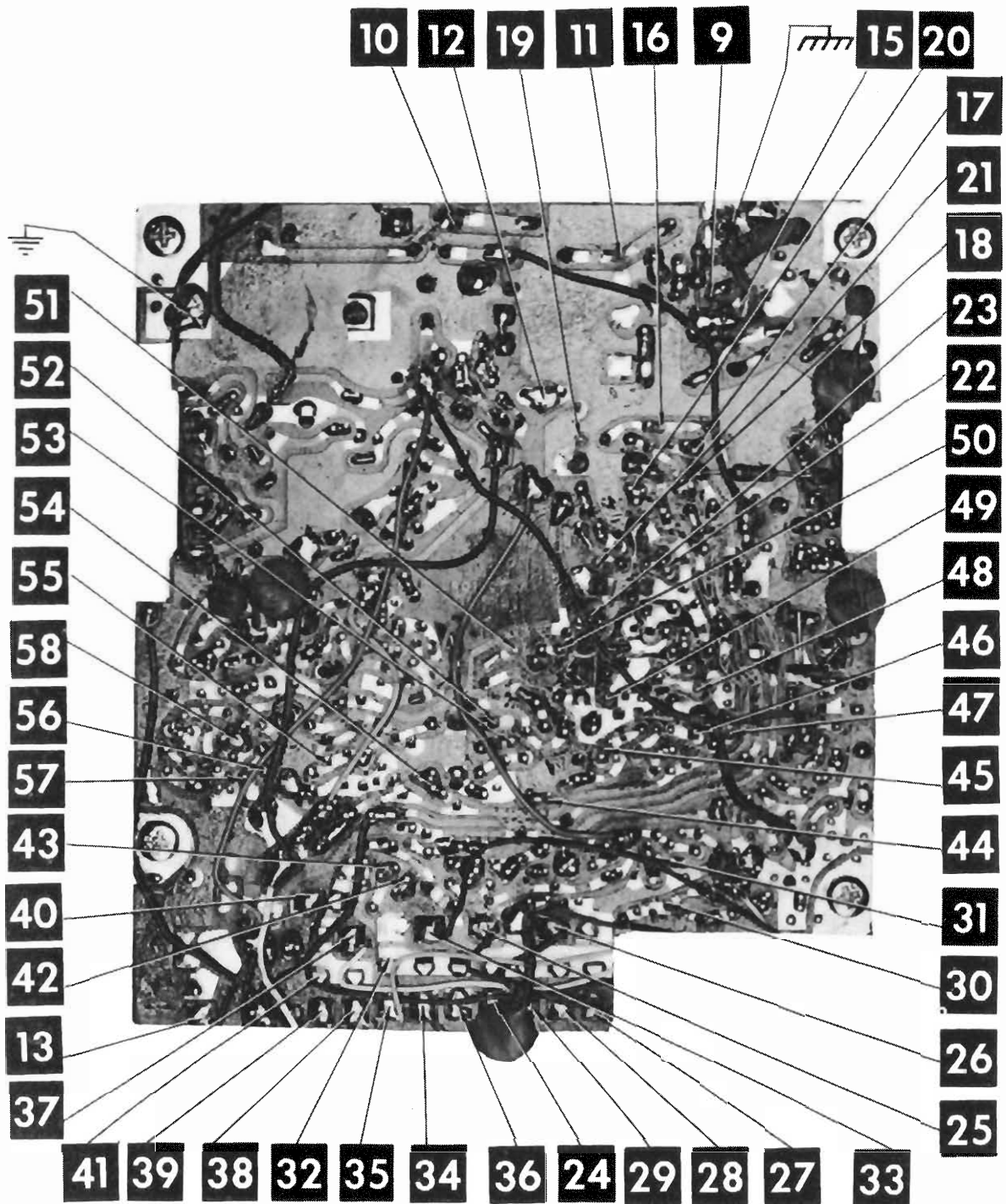


MAIN BOARD



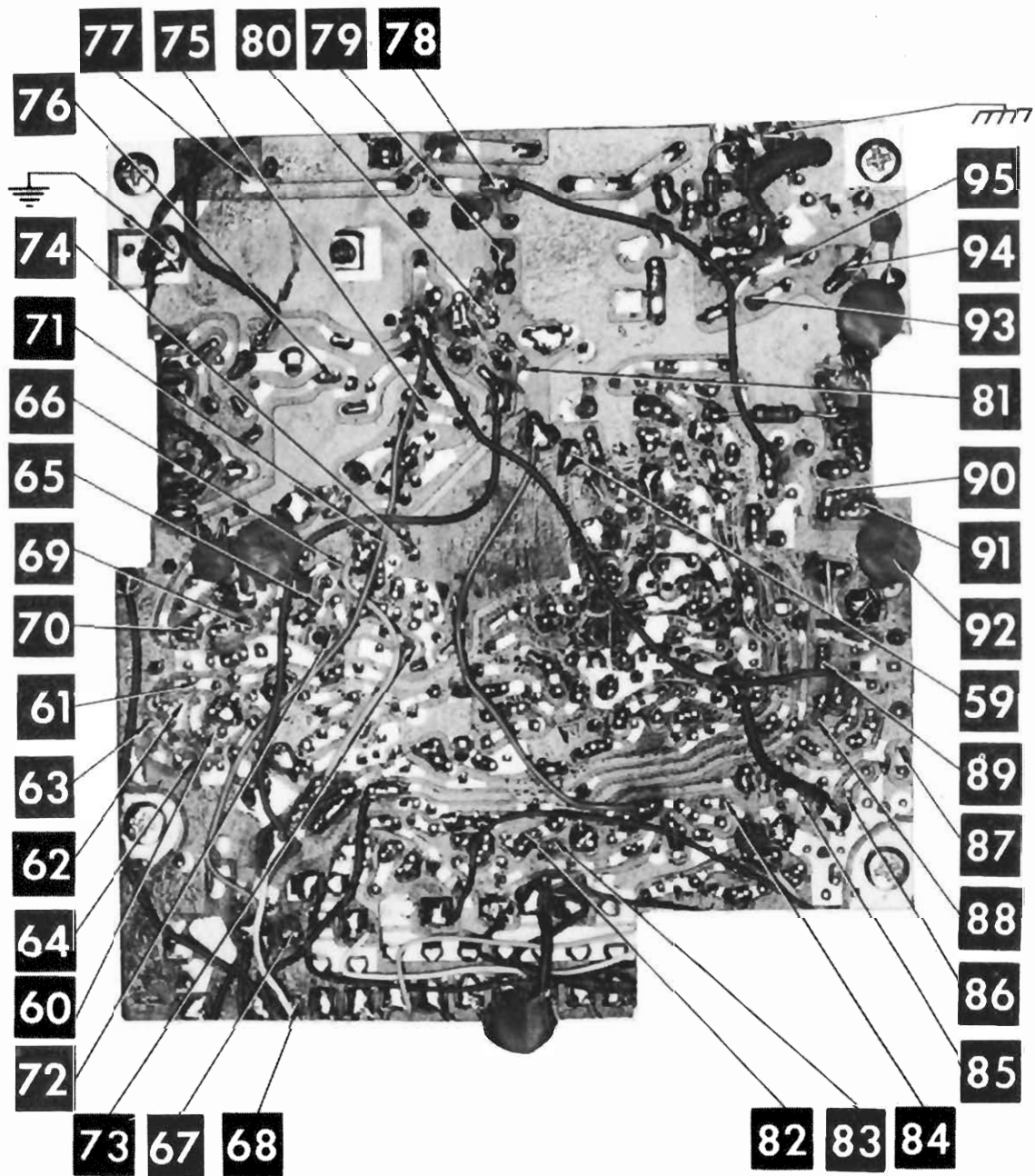
● TRANSMIT

MAIN BOARD

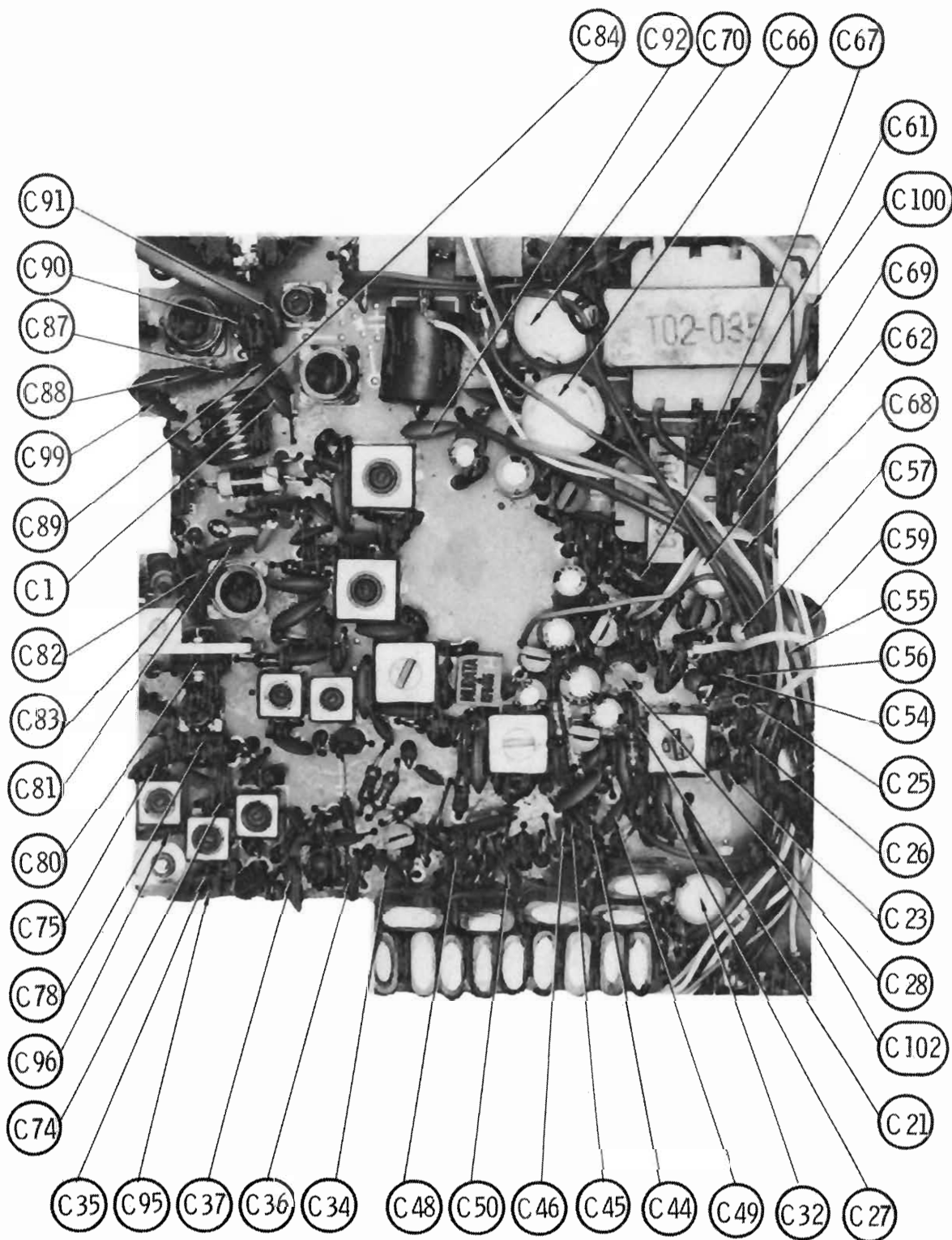


SBE MODEL SBE-3ACB

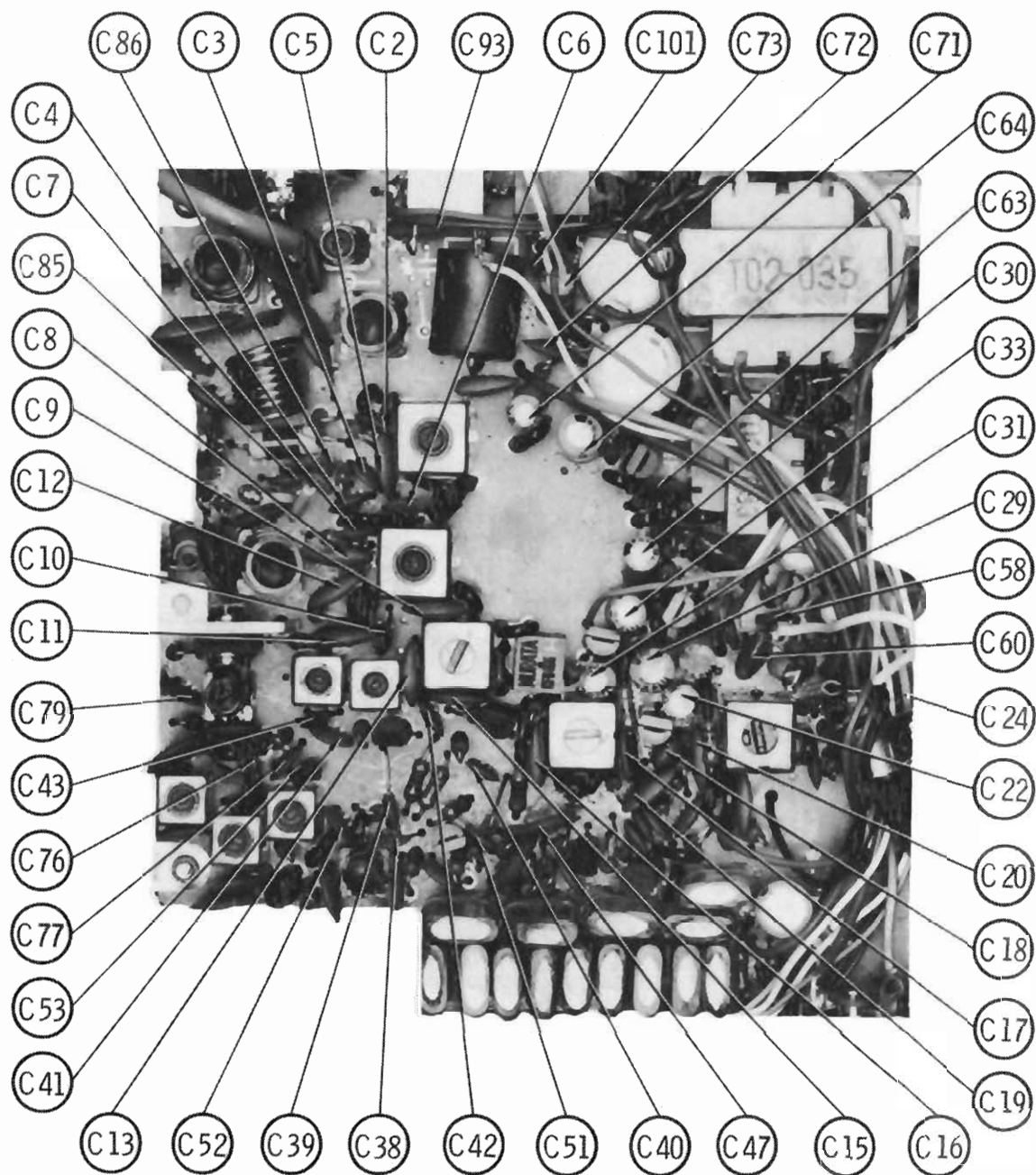
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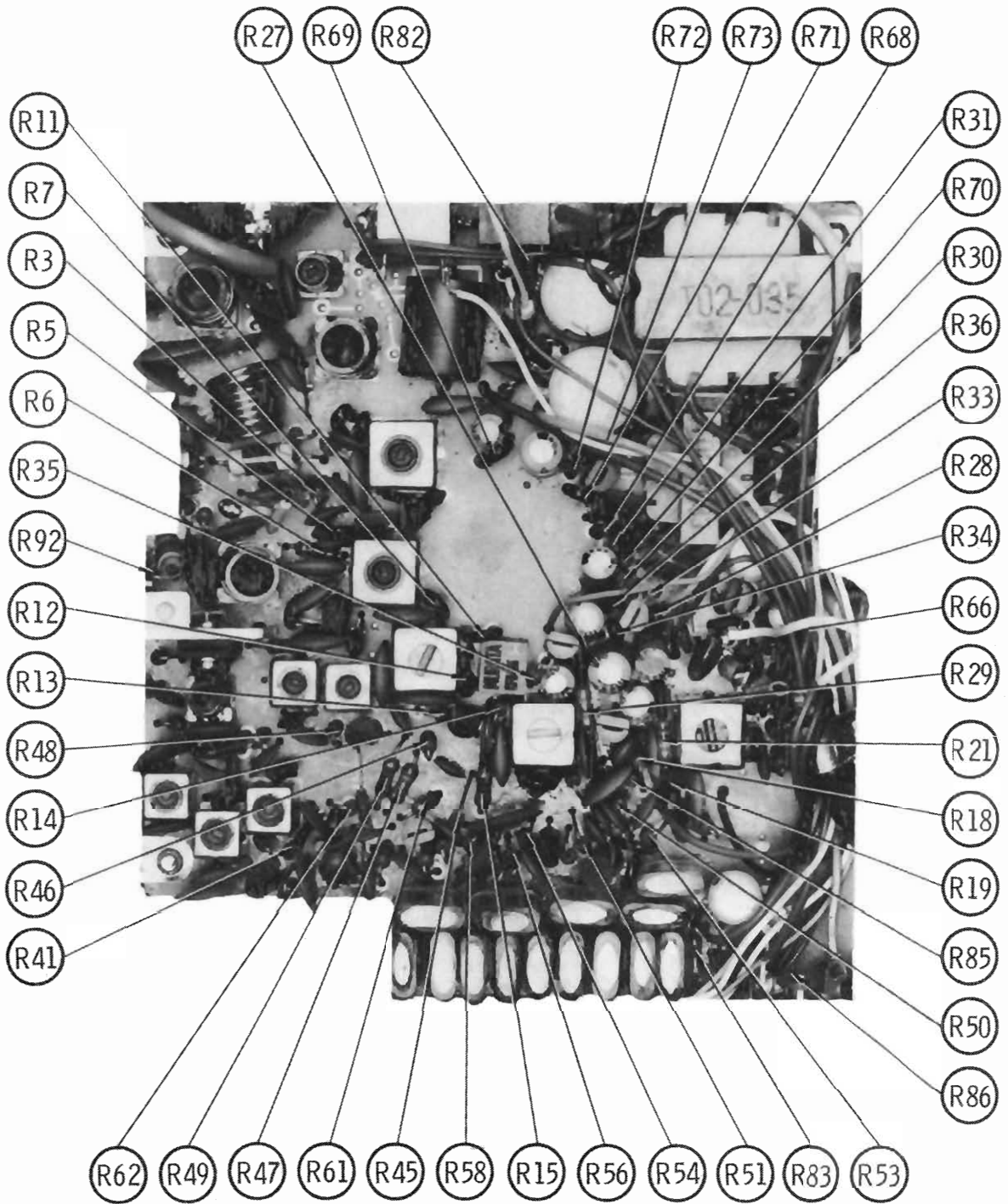
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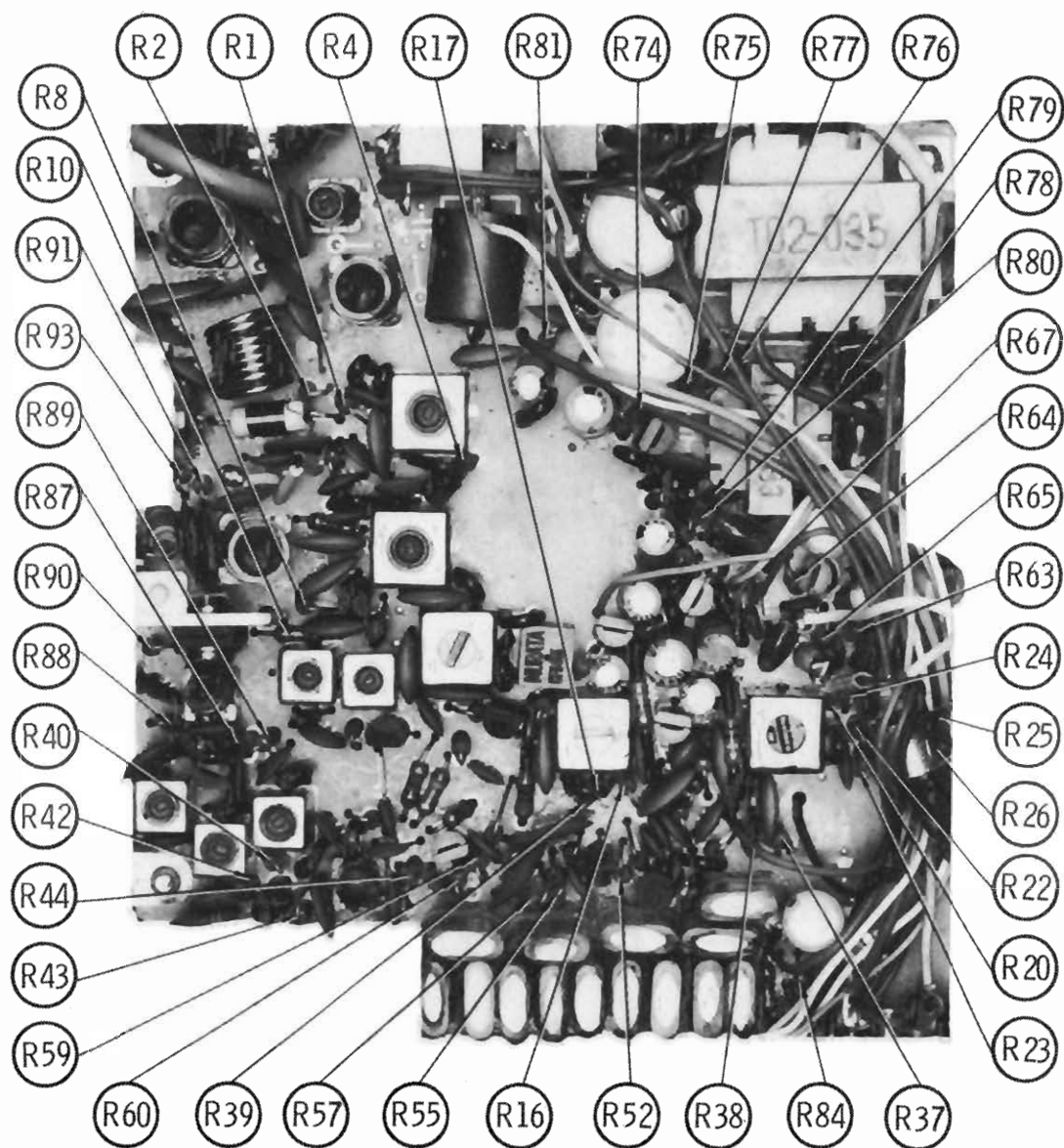
MAIN BOARD



MAIN BOARD



MAIN BOARD



MAIN BOARD

PARTS LIST AND DESCRIPTION

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

SEMICONDUCTORS (Select replacement transistor for best results)

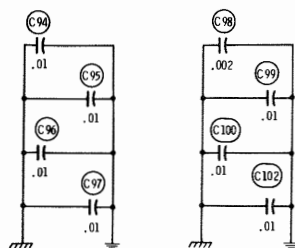
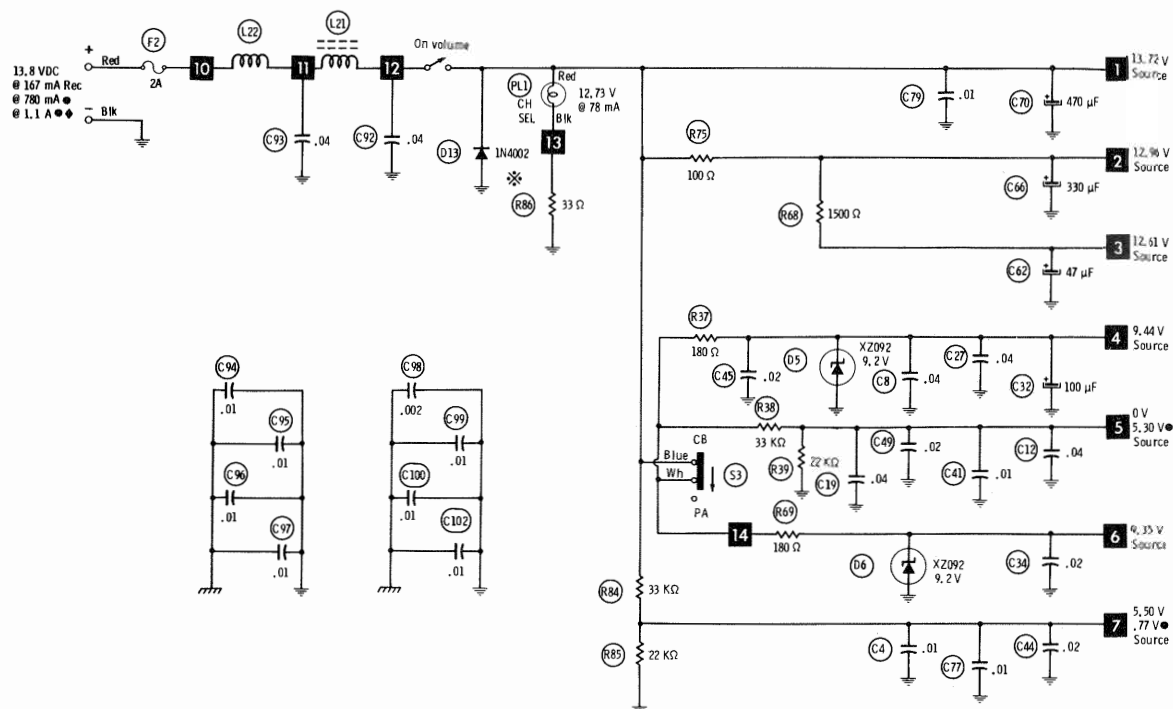
ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D1	WG713	*-00038-008	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D2	WG713	*-00038-008	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D3	1S188FM	*-00041-015	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
D4	S38386A	*-00041-016	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D5	XZ092	*-00041-018	GEZD-9.1	Z1209	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139
D6	XZ092	*-00041-018	GEZD-9.1	Z1209	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139
D7	1S1209	*-00041-017			PTC301					
D8	1N4002	*-00030-010	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D9	S69150	*-00041-019	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D10	S69150	*-00041-019	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D11	1N60P	*-00004-063	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D12	WG713	*-00038-008	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D13	1N4002	*-00030-010	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
Q1	2SC930D	*-00041-040	GE-60	(1R)2SC772	PTC132	HEPS0016	RE 9	SK3039	RT-308	ECG229
Q2	2SC930D	*-00041-040	GE-60	(1R)2SC772	PTC132	HEPS0016	RE 9	SK3039	RT-308	ECG229
Q3	2SC1675L	*-00041-046	GE-20	TR-24	PTC132	HEPS0015	RE 13	SK3018	RT-308	ECG229
	2SC930D	*-00041-040	GE-60	(1R)2SC772	PTC132	HEPS0016	RE 9	SK3039	RT-308	ECG229
		(1)								
Q4	2S1675L	*-00041-046	GE-20	TR-24	PTC132	HEPS0015	RE 13	SK3018	RT-308	ECG229
	2SC930D	*-00041-040	GE-60	(1R)2SC772	PTC132	HEPS0016	RE 9	SK3039	RT-308	ECG229
		(1)								
Q5	2SC945R	*-00041-041	GE-212	(1R)2SC945	PTC121	HEPS0015	RE 192	SK3124	RT-107A	ECG199
Q6	2SC945Q	*-00041-041	GE-212	(1R)2SC945	PTC121	HEPS0015	RE 192	SK3124	RT-107A	ECG199
Q7	2SC1675L	*-00041-046	GE-20	TR-24	PTC132	HEPS0015	RE 13	SK3018	RT-308	ECG229
Q8	2SC1675L	*-00041-046	GE-20	TR-24	PTC132	HEPS0015	RE 13	SK3018	RT-308	ECG229
Q9	2SC1675L	*-00041-046	GE-20	TR-24	PTC132	HEPS0015	RE 13	SK3018	RT-308	ECG229
Q10	2SC1675L	*-00041-046	GE-20	TR-24	PTC132	HEPS0015	RE 13	SK3018	RT-308	ECG229
Q11	2SC945R	*-00041-041	GE-212	(1R)2SC945	PTC121	HEPS0015	RE 192	SK3124	RT-107A	ECG199
Q12	2SC945R	*-00041-041	GE-212	(1R)2SC945	PTC121	HEPS0015	RE 192	SK3124	RT-107A	ECG199
Q13	2SC1096M	*-00041-043	GE-28	TR-55	PTC110	HEPS5027	RE 42	SK3054	RT-167	ECG186A
		(10)								
Q14	2SC1096M	*-00041-043	GE-28	TR-55	PTC110	HEPS5027	RE 42	SK3054	RT-167	ECG186A
		(10)								
Q15	2SC1648S	*-00041-045	GE-62	TR-53	PTC136	HEPS0024	RE 192	SK3124	RT-107A	ECG199
Q16	2SC1675L	*-00041-046	GE-20	TR-24	PTC132	HEPS0015	RE 13	SK3018	RT-308	ECG229
Q17	2SC1957	*-00041-047			PTC180		RE 209			ECG295
	2SC2028	(1)			PTC180		RE 209			ECG295
Q18	2SC1306	*-00041-044	GE-215		PTC186		RE 203	SK3197	RT-146	ECG235
		(11)								
	2SC2029	(1)	GE-215		PTC186		RE 203	SK3197	RT-146	ECG235

(1) Not used in some versions.
 (10) Rating, 10 Watts @ 2.0 Amp.
 (11) Rating 12 Watts @ 3.0 Amp.
 * 8000 Series.

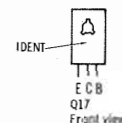
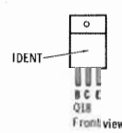
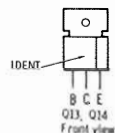
SBE MODEL SBE-34CB

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA			
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C22	1 50V	8000-00028-024	PC1-50	VTT1B63	EV-1615
C25	.47 50V	8000-00041-010	PC1-50	VTT47B63	EV-1610
C26	1 50V	8000-00028-024	PC1-50	VTT1B63	EV-1615
C28	.47 50V	8000-00041-010	PC1-50	VTT47B63	EV-1610
C29	33 10V	8000-00041-012	PC30-25	VTT33A10	EV-1125
C30	.47 50V	8000-00041-010	PC1-50	VTT47B63	EV-1610
C31	10 10V	8000-00041-011	PC10-25	VTT10A25	EV-1222
C32	100 10V	8000-00041-013	PC100-10	VTT100E10	EV-1130
C33	1 50V	8000-00028-024	PC1-50	VTT1B63	EV-1615
C55	10 10V	8000-00041-011	PC10-25	VTT10A25	EV-1222
C57	4.7 16V	8000-00006-064	PC5-50	VTT47A50	EV-1319
C59	33 10V	8000-00041-012	PC30-25	VTT33A10	EV-1125
C62	47 16V	8000-00028-023	PC50-16	VTT47D16	EV-1226
C64	47 10V	8000-00005-077	PC50-16	VTT47D16	EV-1226
C66	330 16V	8000-00041-014	WBR300-35	VTT330H16	EV-1245
C70	470 16V	8000-00011-143	PC500-16	VTT470J16	EV-1250
C71	10 10V	8000-00041-011	PC10-25	VTT10A25	EV-1222
C73	1 50V	8000-00028-024	PC1-50	VTT1B63	EV-1615



Terminal Guides



—X— Circuitry not used in some versions

--- Circuitry used in some versions

⊙ See parts list

⊛ Nominal value

⊥ Ground

⏏ Chassis

▽ Common tie point

Measurements with switching as shown unless noted:

■ Squelch fully clockwise ◆ 100% modulation

● Transmit

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.

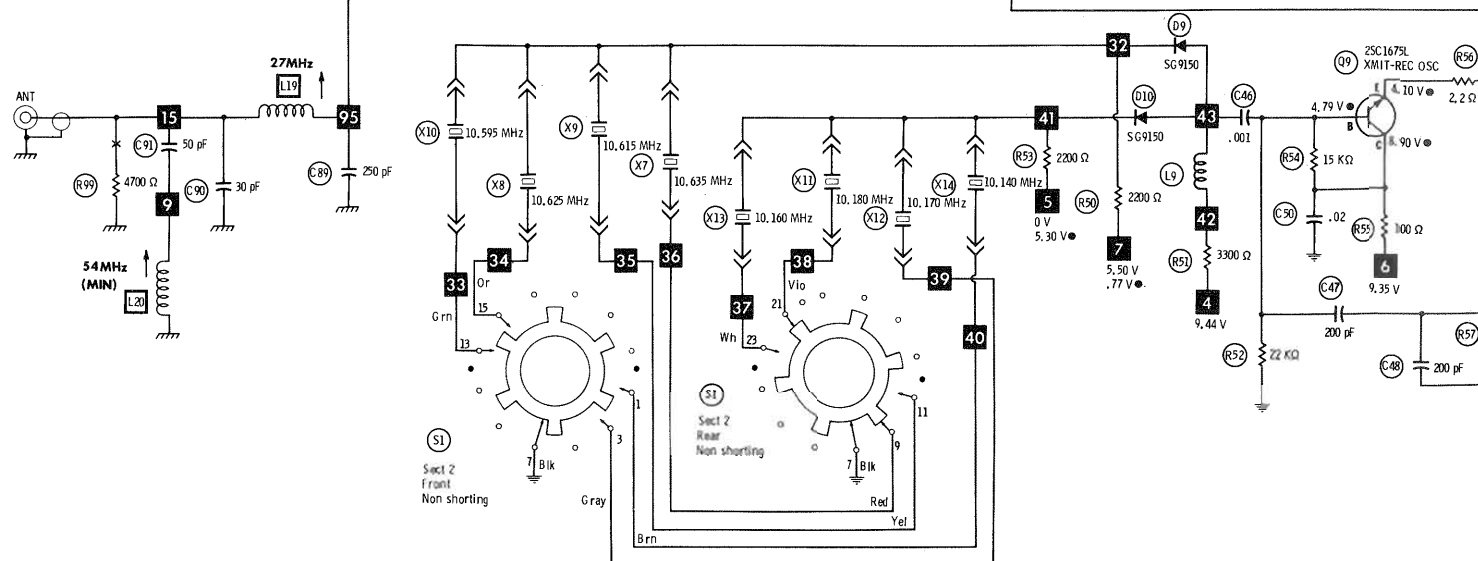
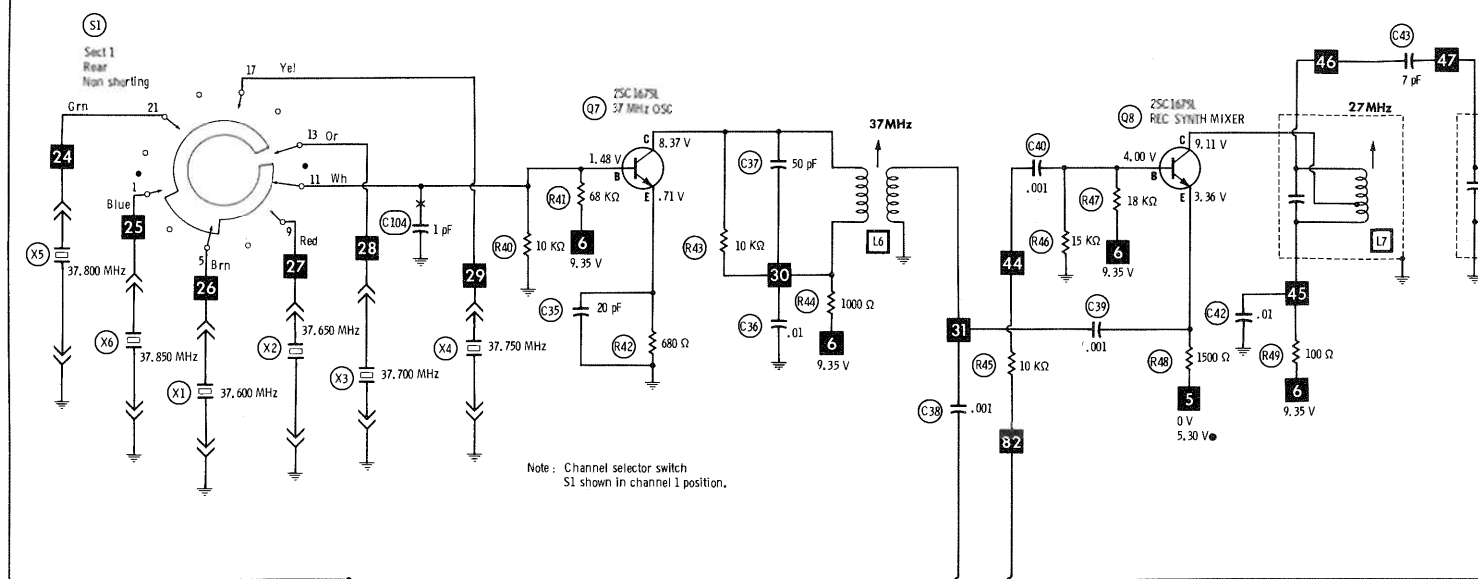
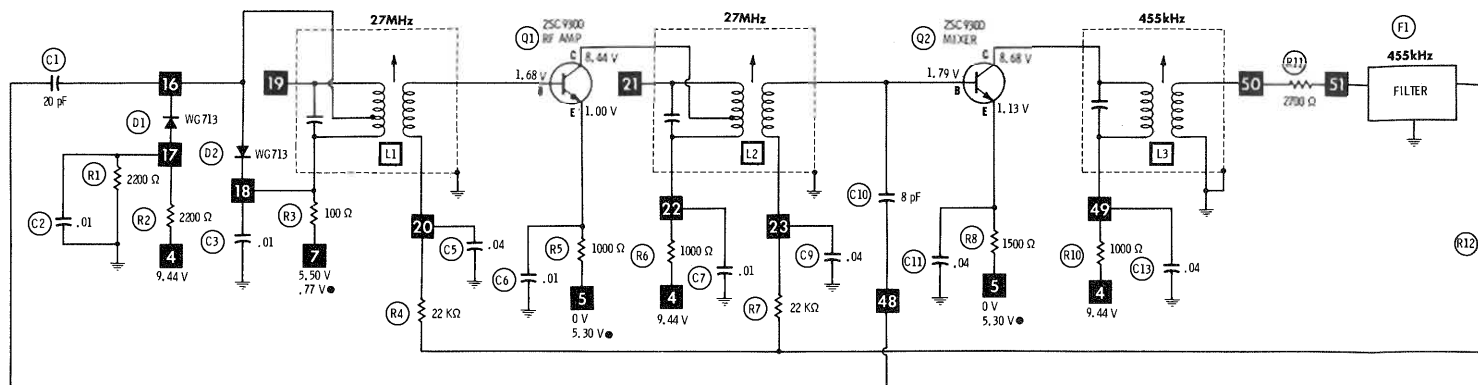
Value in () used in some versions.

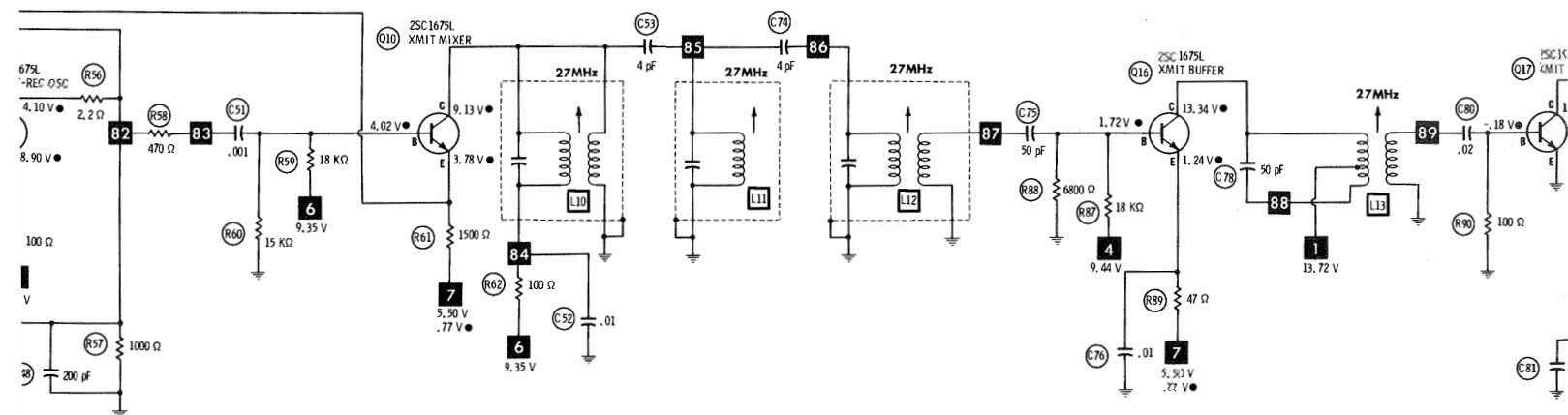
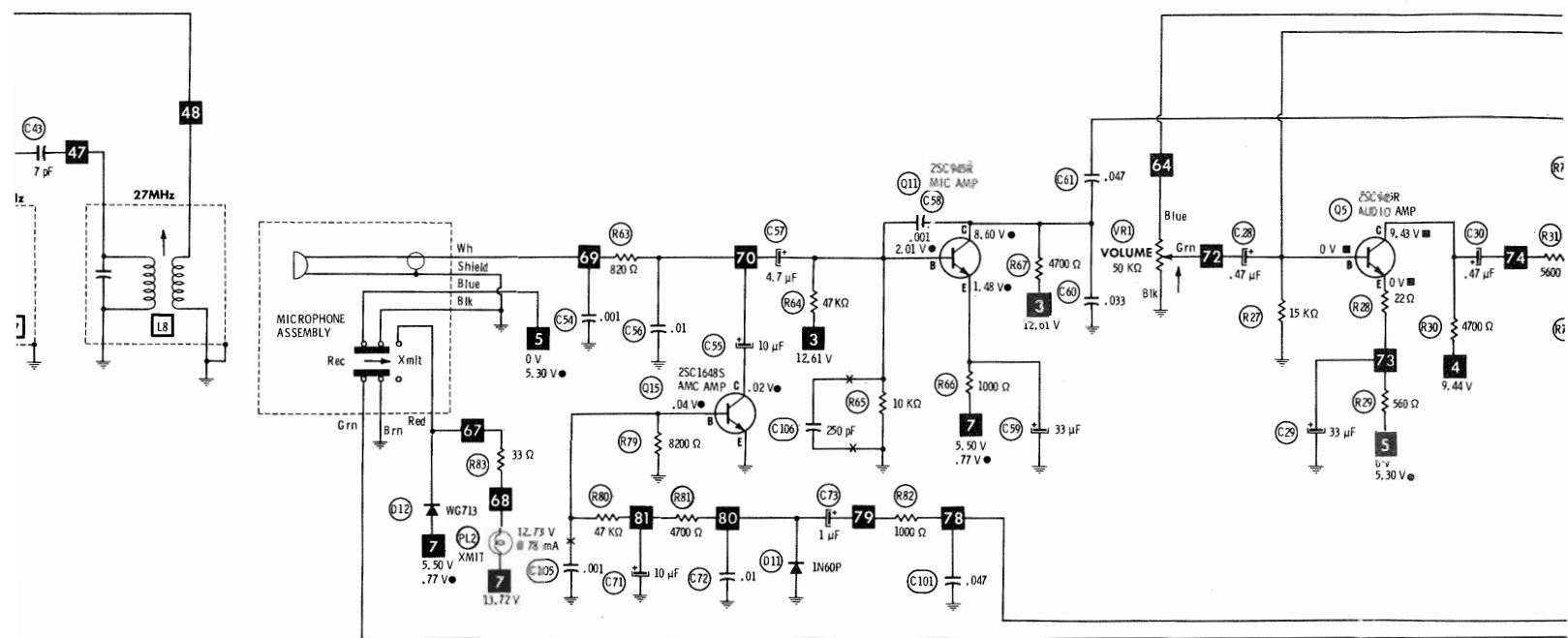
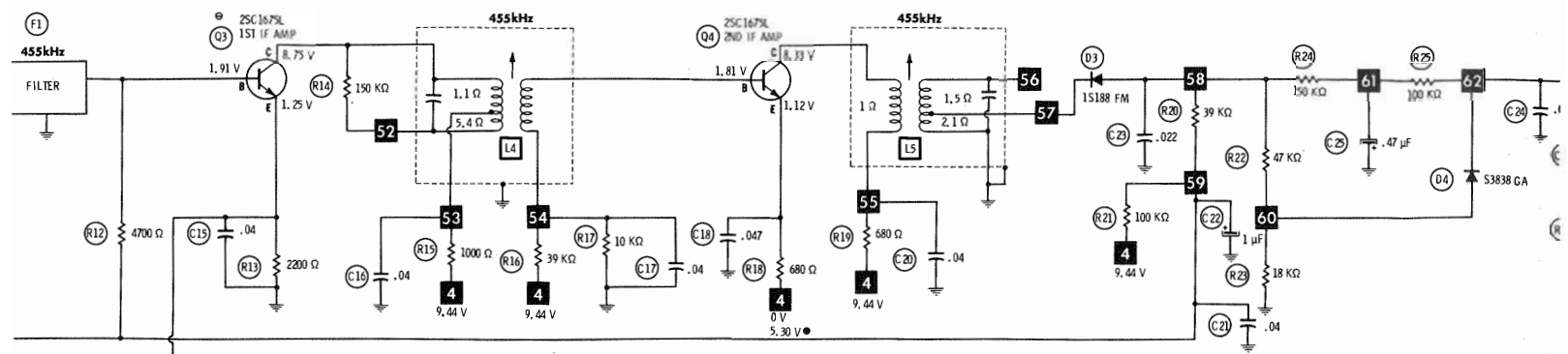
A PHOTOFACT STANDARD NOTATION SCHEMATIC

WITH CIRCUITRACE[®]

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Chan	Crystal Complement	Chan	Crystal Complement	Chan	Crystal Complement	Chan	Crystal Complement
1	X1, X11, X7	7	X2, X13, X9	13	X4, X11, X7	19	X5, X13, X9
2	X1, X12, X8	8	X2, X14, X10	14	X4, X12, X8	20	X5, X14, X10
3	X1, X13, X9	9	X3, X11, X7	15	X4, X13, X9	21	X6, X11, X7
4	X3, X14, X10	10	X3, X12, X8	16	X4, X14, X10	22	X6, X12, X8
5	X2, X11, X7	11	X3, X13, X9	17	X5, X11, X7		
6	X2, X12, X8	12	X3, X14, X10	18	X5, X12, X8	23	X6, X14, X10





PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	20	8000-00006-276	DTZ-20	NP020	CN0420	10TCC-Q20
C2	.01		UK50-103	MGP01	MAG5011	TG-S10
C3	.01		UK50-103	MGP01	MAG5011	TG-S10
C4	.01		UK50-103	MGP01	MAG5011	TG-S10
C5	.04		UK25-503		MAG2515	HY-735
C6	.01		UK50-103	MGP01	MAG5011	TG-S10
C7	.01		UK50-103	MGP01	MAG5011	TG-S10
C8	.04		UK25-503		MAG2515	HY-735
C9	.04		UK25-503		MAG2515	HY-735
C10	8 NPO		DTZ-6R8	NP06P8	CN0568	10TCC-V68
C11	.04		UK25-503		MAG2515	HY-735
C12	.04		UK25-503		MAG2515	HY-735
C13	.04		UK25-503		MAG2515	HY-735
C15	.04		UK25-503		MAG2515	HY-735
C16	.04		UK25-503		MAG2515	HY-735
C17	.04		UK25-503		MAG2515	HY-735
C18	.047 12V		UK12-503		MAG1215	HY-350
C19	.04		UK25-503		MAG2515	HY-735
C20	.04		UK25-503		MAG2515	HY-735
C21	.04		UK25-503		MAG2515	HY-735
C23	.022		UK25-223			HY-725
C24	.001		DD-102G	GP1000	GP210	5GA-D10
C27	.04		UK25-503		MAG2515	HY-735
C34	.02		UK50-223		MAG5012	
C35	20		DTZ-20	NP020	CN0420	10TCC-Q20
C36	.01		UK50-103	MGP01	MAG5011	TG-S10
C37	50					
C38	.001		DD-102G	GP1000	GP210	5GA-D10
C39	.001		DD-102G	GP1000	GP210	5GA-D10
C40	.001		DD-102G	GP1000	GP210	5GA-D10
C41	.01		UK50-103	MGP01	MAG5011	TG-S10
C42	.01		UK50-103	MGP01	MAG5011	TG-S10
C43	7 NPO		DTZ-6R8	NP06P8	CN0568	10TCC-V68
C44	.02		UK50-223		MAG5012	
C45	.02		UK50-223		MAG5012	
C46	.001	8000-00041-003	DD-102G	GP1000	GP210	5GA-D10
C47	200		DD-201	GP200	GP320	10TS-T20
C48	200		DD-201	GP200	GP320	10TS-T20
C49	.02		UK50-223		MAG5012	
C50	.02		UK50-223		MAG5012	
C51	.001		DD-102G	GP1000	GP210	5GA-D10
C52	.01		UK50-103	MGP01	MAG5011	TG-S10
C53	4 NPO		DTZ-4R7	NP04P7	CN0547	10TCC-V47
C54	.001		DD-102G	GP1000	GP210	5GA-D10
C56	.01		UK50-103	MGP01	MAG5011	TG-S10
C58	.001		DD-102G	GP1000	GP210	5GA-D10
C60	.033				M192P3339R8	192P3339R8
C61	.047				EW1A147	1PB-547
C63	250		DD-221		GP322	10TS-T22
C67	.022				M192P2239R8	192P2239R8
C68	.022				M192P2239R8	192P2239R8
C69	.1				EW1049R5	431P1049R5
C72	.01		UK50-103	WMF05P1	MAG5011	TG-S10
C74	4 NPO		DTZ-4R7	NP04P7	CN0547	10TCC-V47
C75	50		DTZ-50	NP050	CN0450	10TCC-Q50
C76	.01		UK50-103	MGP01	MAG5011	TG-S10
C77	.01		UK50-103	MGP01	MAG5011	TG-S10
C78	50		DTZ-50	NP050	CN0450	10TCC-Q50
C79	.01					
C80	.02		UK50-223		MAG5012	
C81	.01		UK50-103	MGP01	MAG5011	TG-S10
C82	250		DD-221		GP322	10TS-T22
C83	250		DD-221		GP322	10TS-T22
C84	30		DTZ-33	NP033	CN0433	10TCC-Q33
C85	.001		DD-102G	GP1000	GP210	5GA-D10
C86	.01		UK50-103	MGP01	MAG5011	TG-S10
C87	.01		UK50-103	MGP01	MAG5011	TG-S10
C88	200 5% NPO					
C89	250		DD-221		GP322	10TCC-T20
C90	30		DTZ-33	NP033	CN0433	10TS-T22
C91	50					10TCC-Q33
C92	.04		UK25-503		MAG2515	HY-735
C93	.04		UK25-503		MAG2515	HY-735
C94	.01		UK50-103	MGP01	MAG5011	TG-S10
C95	.01		UK50-103	MGP01	MAG5011	TG-S10
C96	.01		UK50-103	MGP01	MAG5011	TG-S10
C97	.01		UK50-103	MGP01	MAG5011	TG-S10
C98	.002		DD-202	GP2000	GP220	5GA-D20
C99	.01		UK50-103	MGP01	MAG5011	TG-S10
C100	.01		UK50-103	MGP01	MAG5011	TG-S10
C101	.047		UK12-503		MAG1215	HY-350
C102	.01		UK50-103	MGP01	MAG5011	TG-S10
C103	10		DTZ-10	NP010	CN0410	10TCC-Q10
C104	1				CN0510	10TCC-V10
C105	.001		DD-102G	GP1000	GP210	5GA-D10
C106	250		DD-221		GP322	10TS-T22

PARTS LIST AND DESCRIPTION (CONTINUED)

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

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA			
			MFGR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.
R32	Squelch Range	100K	8000-00041-049			
VR1	Volume/Power Switch	50K	8000-00041-059			
VR2	Squelch	50K	8000-00041-060			

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	Rec Ant (27MHz)	8000-00041-020	L15-076		
L2	Rec RF (27MHz)	8000-00041-021	L15-077		
L3	Rec Mixer (455kHz)	8000-00041-022			
L4	IF (455kHz)	8000-00041-023	1214-006		
L5	IF (455kHz)	8000-00041-024			
L6	Synth Osc (37MHz)	8000-00041-025			
L7	Synth Mixer (27MHz)	8000-00041-026	L15-078		
L8	Synth Mixer (27MHz)	8000-00041-027	L15-079		
L9	RF Choke	8000-00041-028			
L10	Harmonic Suppressor (27MHz)	8000-00041-029	L15-080		
L11	Harmonic Suppressor (27MHz)	8000-00041-029			
L12	Xmit Mixer (27MHz)	8000-00041-030			
L13	Xmit Buffer (27MHz)	8000-00041-031			
L14	Xmit Driver (27MHz)	8000-00041-032			
L15	RF Choke	8000-00028-143			
L16	RF Choke	8000-00041-033			
L17	Pi Filter	8000-00041-034			
L18	Final Amp (27MHz)	8000-00041-035			
L19	Ant Match (27MHz)	8000-00041-036			
L20	TVI Trap (54MHz)	8000-00041-037			
L22	RF Choke	8000-00041-039			

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.	
L21	1.1A	.46	1.5mH	8000-00041-038			

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	3	1		8000-00041-050 T02-033 (1)			(1) Number on unit.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T2	72	1 8 2 (2)	8000-00041-051 T02-035 (1)			(1) Number on unit. (2) DC resistance 1.2 Ohms.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
.SP1	2 1/4" PM 8 Ohms	8000-00041-058	22A05Z8	

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
F2	2A Fast Acting	8000-00004-152		AGC2	HDJ	312002	150145	FG2-2

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
MIC	8000-00006-233	18-032	18-034	18-010	Orig Color —	WHITE	SHIELD	RED	BLUE	GREEN	BROWN

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CRYSTALS

ITEM No.	CRYSTAL FREQUENCY IN MHz	MFGR. PART No.	CTS KNIGHTS PART No.	CHANNEL	ITEM No.	CRYSTAL FREQUENCY IN MHz	MFGR. PART No.	CTS KNIGHTS PART No.	CHANNEL
X1	37.600	8000-00041-092	DA14M37.600	1,2,3,4	X8	10.625	8000-00041-099	DB100M10.625	2,6,10,14,18,22
X2	37.650	8000-00041-093	DA14M37.650	5,6,7,8	X9	10.615	8000-00041-100	DB100M10.615	3,7,11,15,19
X3	37.700	8000-00041-094	DA14M37.700	9,10,11,12	X10	10.595	8000-00041-101	DB100M10.595	4,8,12,16,20,23
X4	37.750	8000-00041-095	DA14M37.750	13,14,15,16	X11	10.180	8000-00041-102	DC100M10.180	1,5,9,13,17,21
X5	37.800	8000-00041-096	DA14M37.800	17,18,19,20	X12	10.170	8000-00041-103	DC100M10.170	2,6,10,14,18,22
X6	37.850	8000-00041-097	DA14M37.850	21,22,23	X13	10.160	8000-00041-104	DC100M10.160	3,7,11,15,19
X7	10.635	8000-00041-098	DB100M10.635	1,5,9,13,17,21	X14	10.140	8000-00041-105	DC100M10.140	4,8,12,16,20,23

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
F1	Filter	8000-00006-291	455kHz (CFU455H)
S1	Switch	8000-00041-056	Channel Selector
S3	Switch	8000-00041-057	PA/CB
	Power Cord	8000-00041-087	Power Cord w/Fuse Holder
	Printed Circuit Board	8000-00041-052	(Main) (P01-078A)

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

ITEM	PART No.	ITEM	PART No.
Cabinet, Upper	8000-00041-071	Mic Hanger	8000-00024-204
Cabinet, Lower	8000-00041-072	Mounting Bracket	8000-00041-090
Knob, Channel Selector	8000-00041-066	Name Plate	8000-00041-065
Knob, Control	8000-00041-067	Chassis, Main	8000-00041-061

WIRING DATA

General-use Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 13 Colors
	8524 (Stranded) Available in 13 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