



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 GTX-2325

ALIGNMENT INSTRUCTIONS

Suggested Alignment Tools:	GC ELECTRONICS:
L215 thru L218, L221, L225, L226.....	9440
L301	9300
VC101 thru VC117, VC201	5000
All other tunable coils and transformers	8290, 5000

SYNTHESIZER

INDICATOR	CHANNEL	ADJUST	FREQUENCY	REMARKS
Frequency Counter	1	VC112	11.705MHz	Connect counter to emitter of Q211 and ground. Set mode switch to AM. Set Fine Tune (VR301) and Fine Tune Range (VR105) to mid-range.
	5	VC113	11.755MHz	
	9	VC114	11.805MHz	
	13	VC115	11.855MHz	
	17	VC116	11.905MHz	
	21	VC117	11.955MHz	
	1	VC104	7.4615MHz	Connect counter to secondary of L210 and ground. Set mode switch to USB. Set Fine Tune to mid-range.
	2	VC105	7.4715MHz	
	3	VC106	7.4815MHz	
	4	VC107	7.5015MHz	
	1	VC108	7.4585MHz	Same as above. Set mode switch to LSB.
	2	VC109	7.4685MHz	
	3	VC110	7.4785MHz	
	4	VC111	7.4985MHz	
Oscilloscope (Response to 30MHz)	11	L210, L211, L212, L213, L214, L112		Set mode switch to AM. Adjust for maximum amplitude. Check amplitude on all channels. Should be within 3dB, if not readjust.

GEMTRONICS MODEL GTX-2325

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

© 1976 Howard W. Sams & Co., Inc.

Printed in U. S. of America

6CZ292

RECEIVER

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

AM

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
High side thru .01uF to Junction of C113 and R111, low side to ground.	7.8MHz, 1000Hz @ 30% modulation, output 20uV.	Any	L202, L204, L206, L207, L208	Set mode switch to AM. Adjust for maximum.
High side thru .01uF to secondary of L214, low side to ground.	7.8MHz, 1000Hz @ 30% modulation, output 20uV.	Any	L104, L105	Set mode switch to AM. Adjust for maximum.
High side thru .01uF to antenna jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation.	13	L101, L102, L103	Set mode switch to AM. Adjust for maximum.
High side thru .01uF to antenna jack, low side to ground.	27.105Hz, 1000Hz @ 30% modulation, output 1.5uV.	12	L209	Adjust for maximum.

RECEIVER

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

SSB

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
High side thru .01uF to junction of C113 and R111, low side to ground.	7.8MHz, 1000Hz @ 30%. No modulation, output 20uV.	Any	L201, L203, L205	Set mode switch to LSB. Adjust for maximum.

RECEIVER ADJUSTMENTS

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

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
SQUELCH RANGE High side thru .01uF to antenna jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation, output 200uV.	13	VR202	Set squelch control fully clockwise. Adjust so the squelch just breaks.
NOISE BLANKER High side thru .01uF to antenna jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation, output 1.5uV.	13	VR101	Inject a noise generator signal to antenna jack. NB on. Adjust for MINIMUM noise.
PANEL "S" METER High side thru .01uF to antenna jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation, output 100uV.	13	VR201	Adjust for "S" 9 reading on panel meter.

TRANSMITTER

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

AM

INDICATOR	ADJUST	REMARKS
OSCILLATOR, MIXER, BUFFER, DRIVER, FINAL RF Wattmeter	L109, L215, L216, L217, L218, L221, L225, L226	Mode switch to AM. Channel selector to Key transmitter. Adjust for maximum.
TVI TRAP TV (Ch. 2)	L301	Mode switch to AM. Key transmitter. Adjust for MINIMUM interference on TV.
FINAL INPUT POWER Remove jumper at TP1 and connect 0-1500 DC milliammeter.	VC201	Adjust for 5 watts. (Maximum).

TRANSMITTER

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

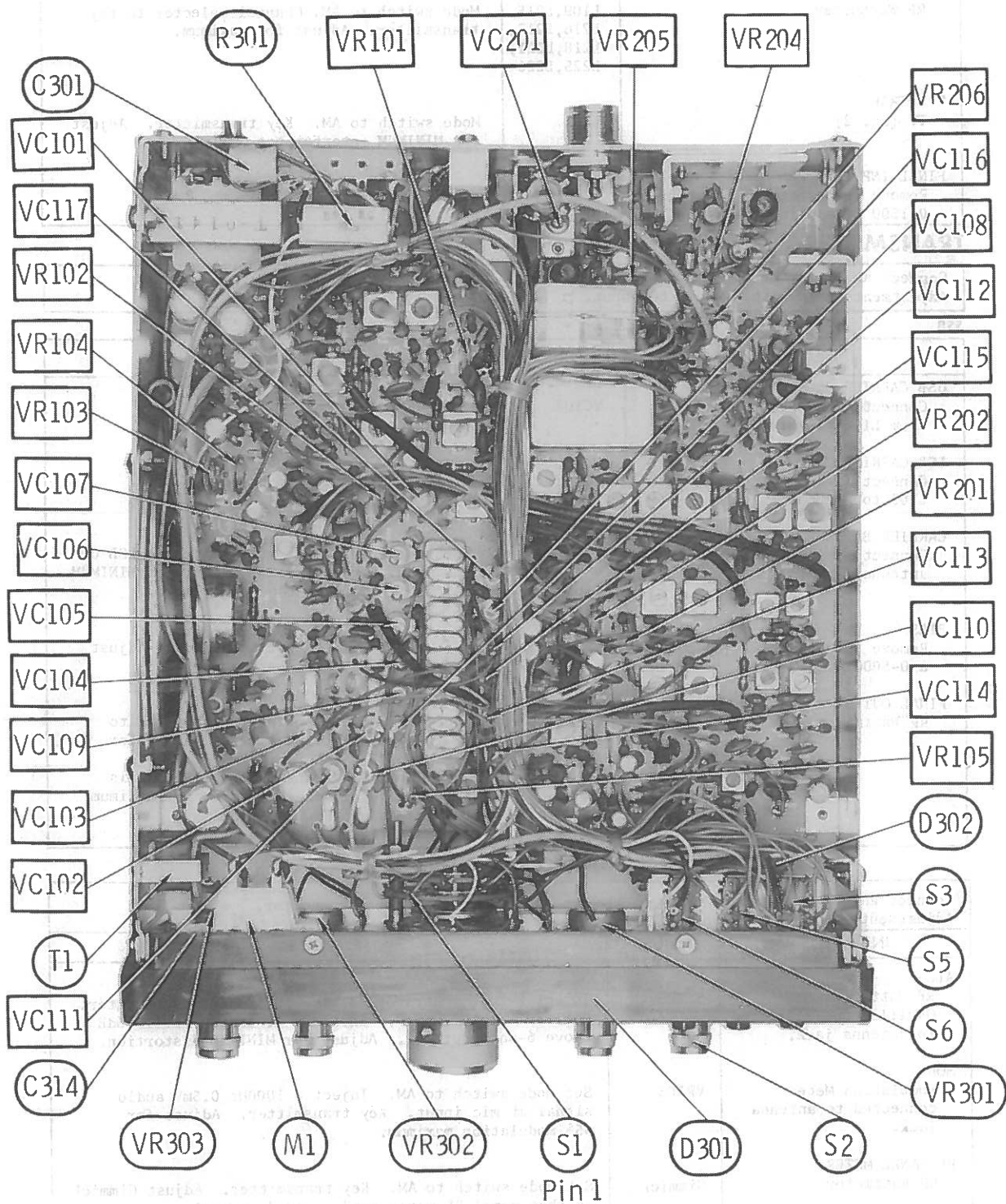
SSB

INDICATOR	ADJUST	REMARKS
USB CARRIER OSC. Connect frequency counter from L108 to ground.	VC103	Set mode switch to USB. Adjust for 7.7985MHz.
LSB CARRIER OSC. Connect frequency counter from L108 to ground.	VC102	Set mode switch to LSB. Adjust for 7.8015MHz.
CARRIER BALANCE Connect oscilloscope from antenna jack to ground.	VR102, VC101, L107	Short mic input. Set mode switch to LSB or USB. Key transmitter and adjust for MINIMUM on scope. Adjust L201 for maximum.
BIAS Remove jumper at TP1 and connect a 0-50DC milliammeter.	VR204	Short mic input. Key transmitter. Adjust bias for 35mA. Reconnect jumper.
FINAL OUTPUT POWER RF Wattmeter	VR104	Connect two-tone generator with 1.6mV to mic input. Key transmitter. Adjust for less than 12 watts P.E.P. NOTE: After SSB transmitter alignment is completed, check AM mode for maximum watts DC input to final. Readjust VC201 if necessary.

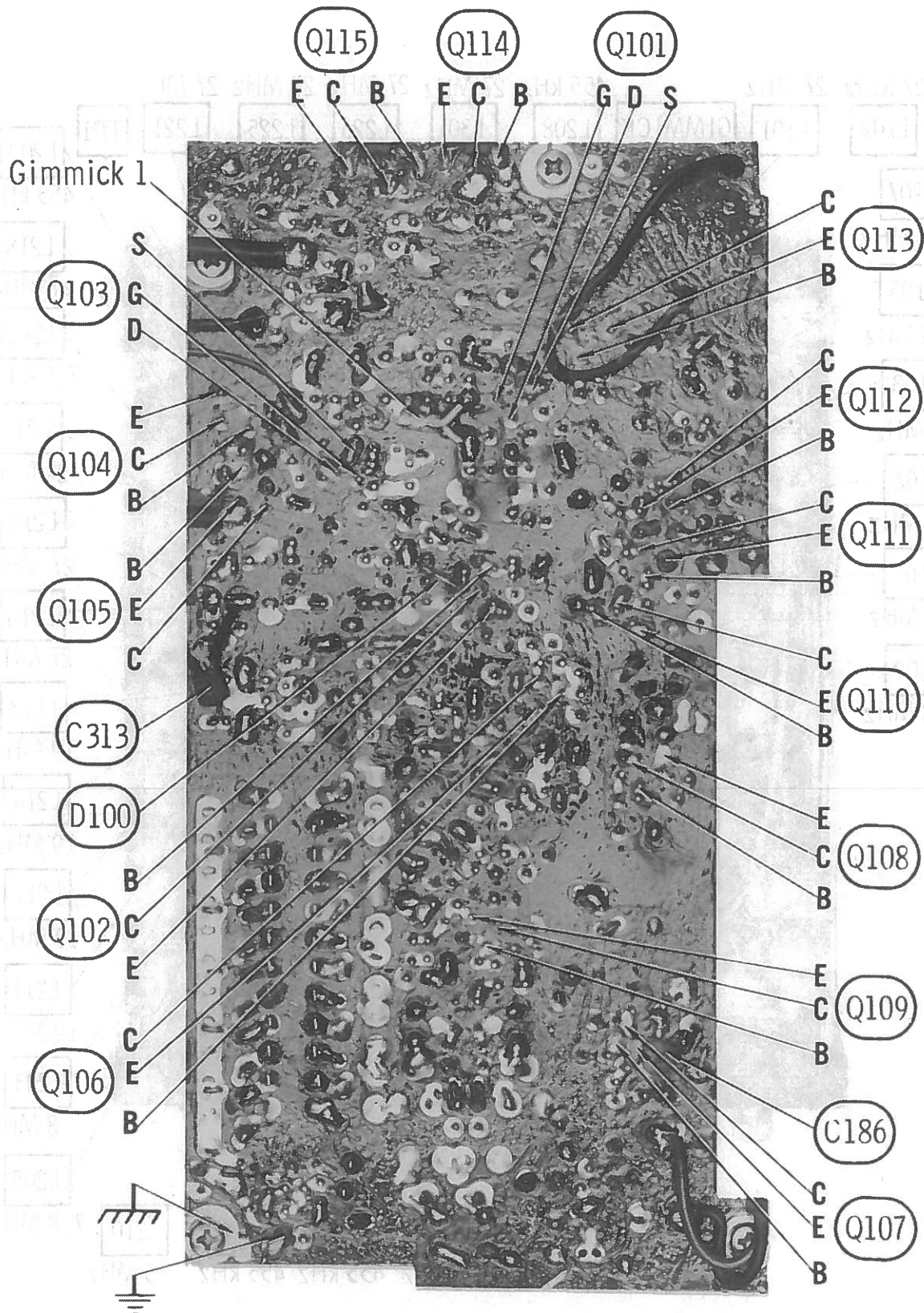
TRANSMITTER ADJUSTMENTS

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

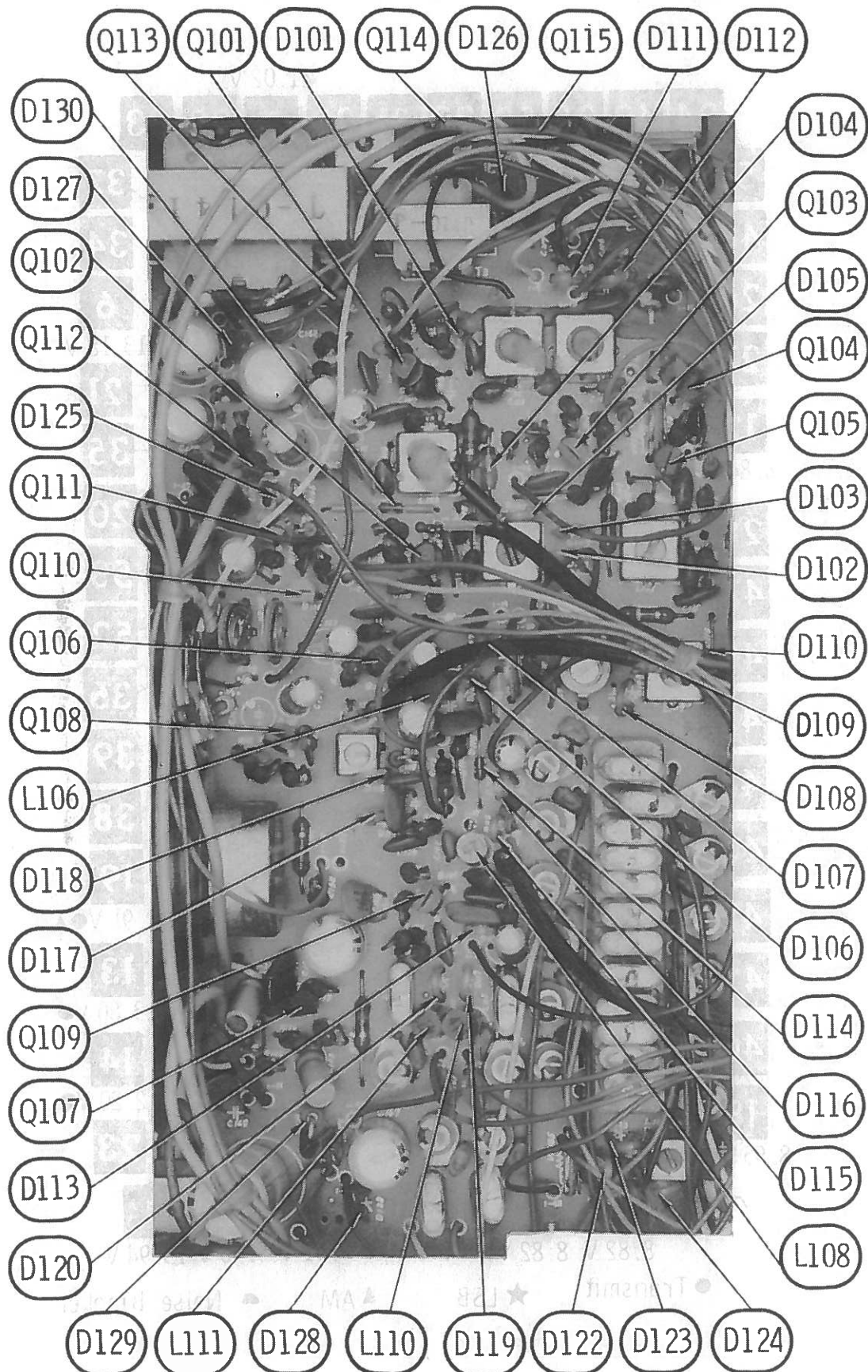
INDICATOR	ADJUST	REMARKS
ALC RF Wattmeter Oscilloscope connected to antenna jack.	VR205	Inject 2-tone generator to mic input. Key transmitter. Set for 6 watts P.E.P. Increase generator level 16dB above 6-watt setting. Adjust for MINIMUM distortion.
MOD Modulation Meter connected to antenna jack.	VR103	Set mode switch to AM. Inject a 1000Hz 0.5mV audio signal at mic input. Key transmitter. Adjust for 85% modulation maximum.
RF PANEL METER RF Wattmeter	Gimmick 2	Set mode switch to AM. Key transmitter. Adjust Gimmick so that panel RF meter reads 6 to 7 on scale.
AM ALC Modulation meter connected to antenna jack.	VR206	Set mode switch to AM. Inject a 1000Hz 2.3mV audio signal at mic input. Key transmitter. Adjust for 95% modulation maximum.
FINE TUNING RANGE Frequency Counter	VR105	Connect counter to emitter of Q211 and ground. Channel 13 Key transmitter. Adjust for 11.855MHz.



CHASSIS-TOP

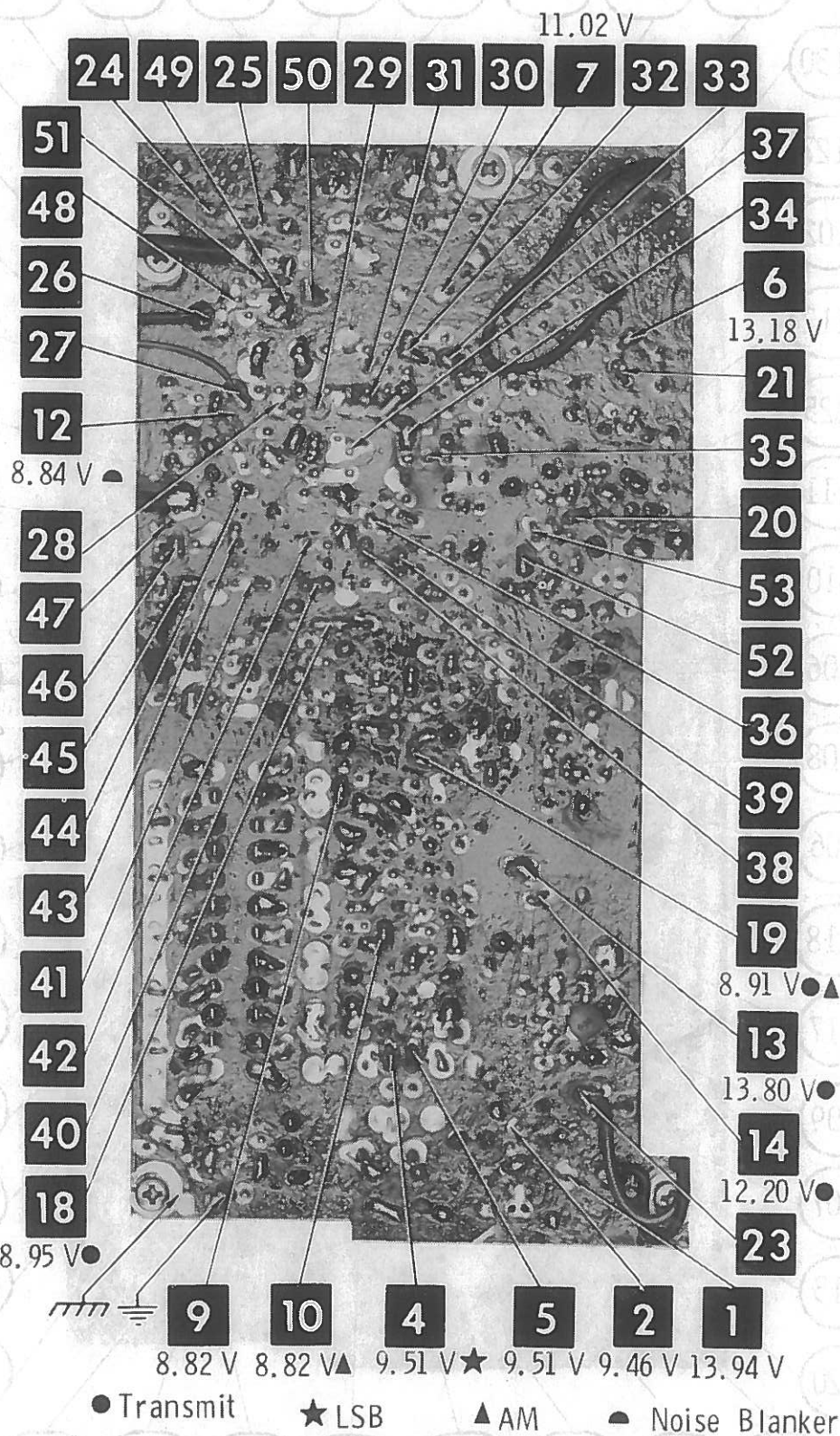


100 SERIES COMPONENT BOARD

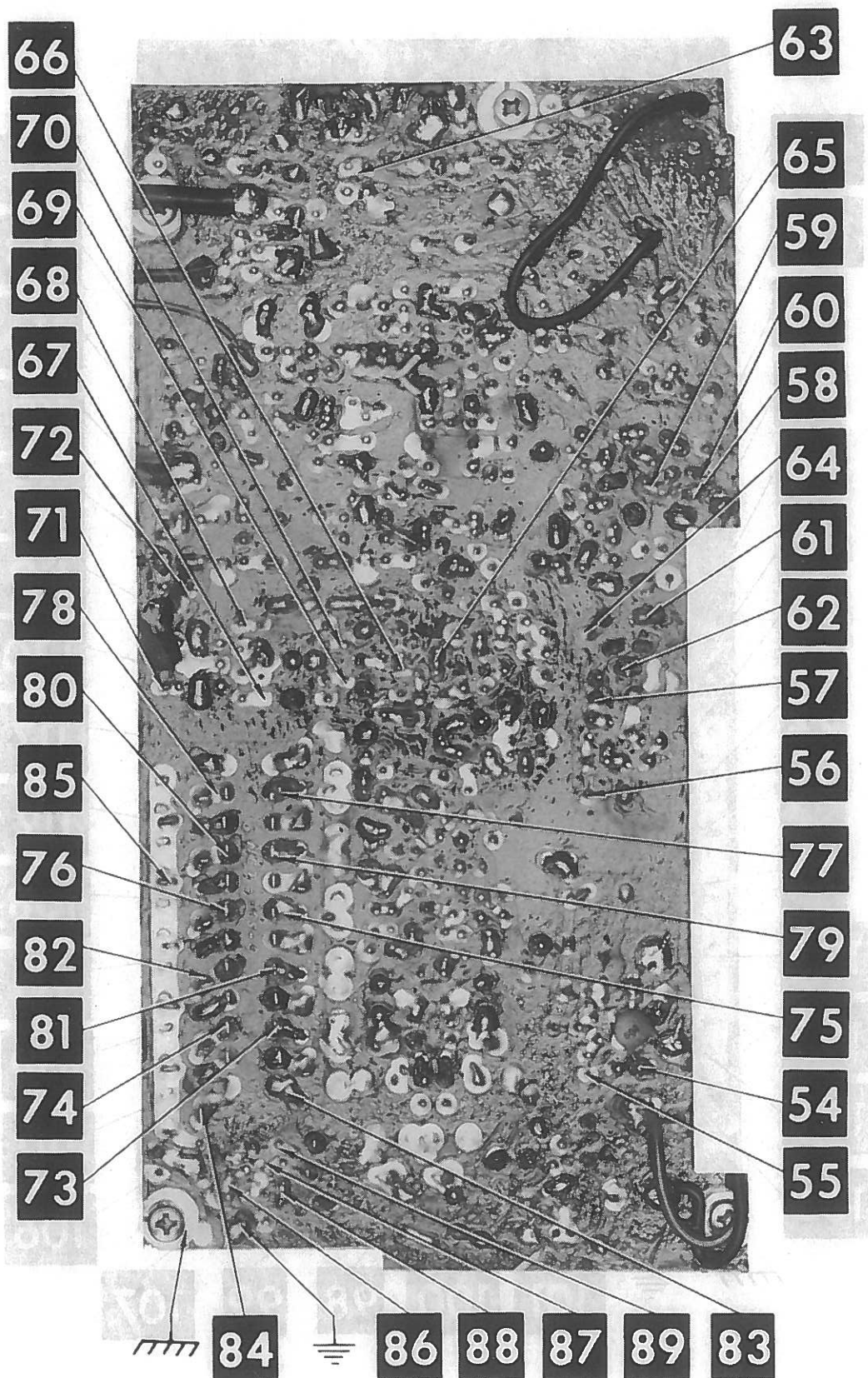


GEMTRONICS MODEL GTX-2325

100 SERIES COMPONENT BOARD

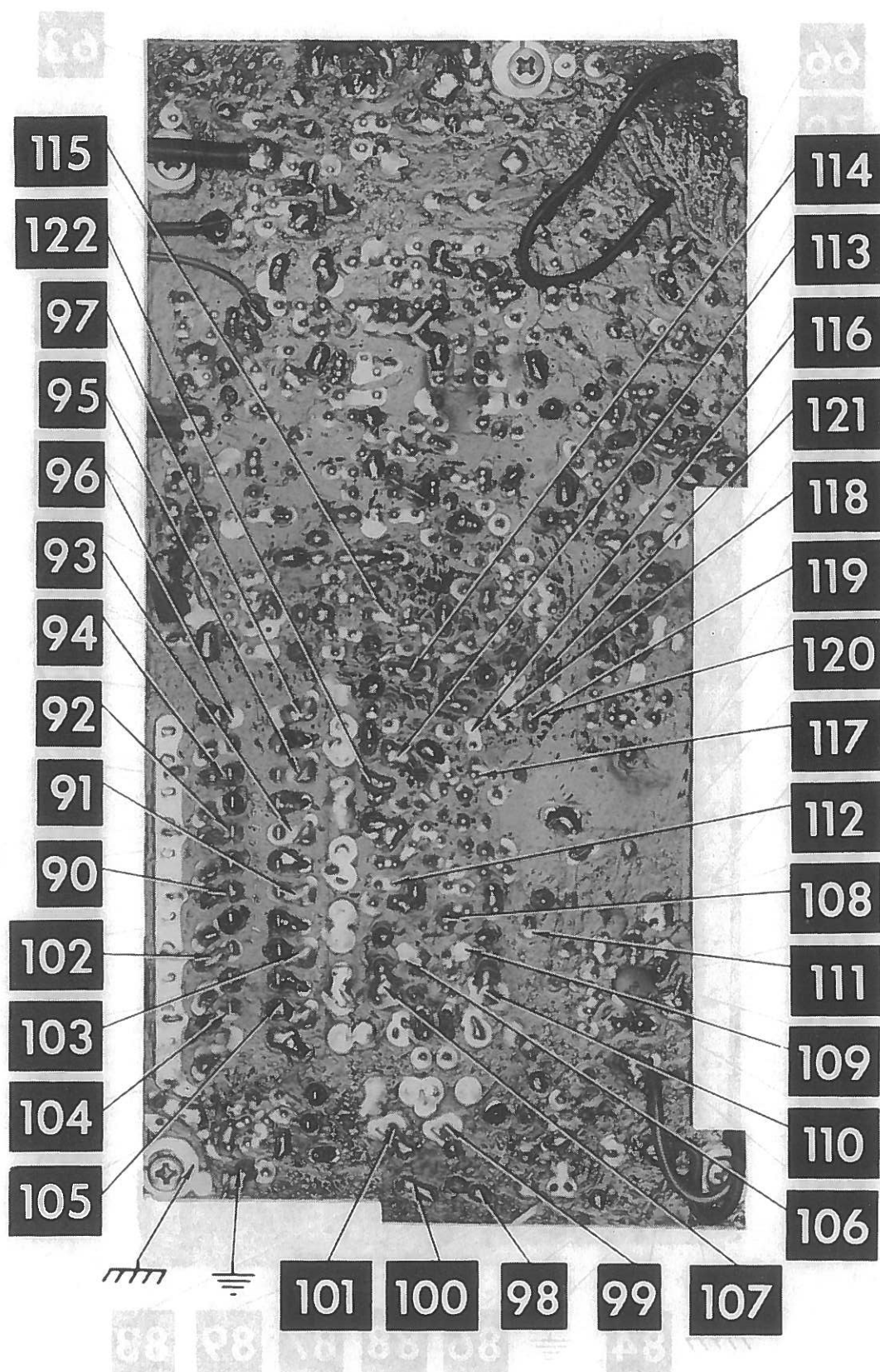


100 SERIES COMPONENT BOARD

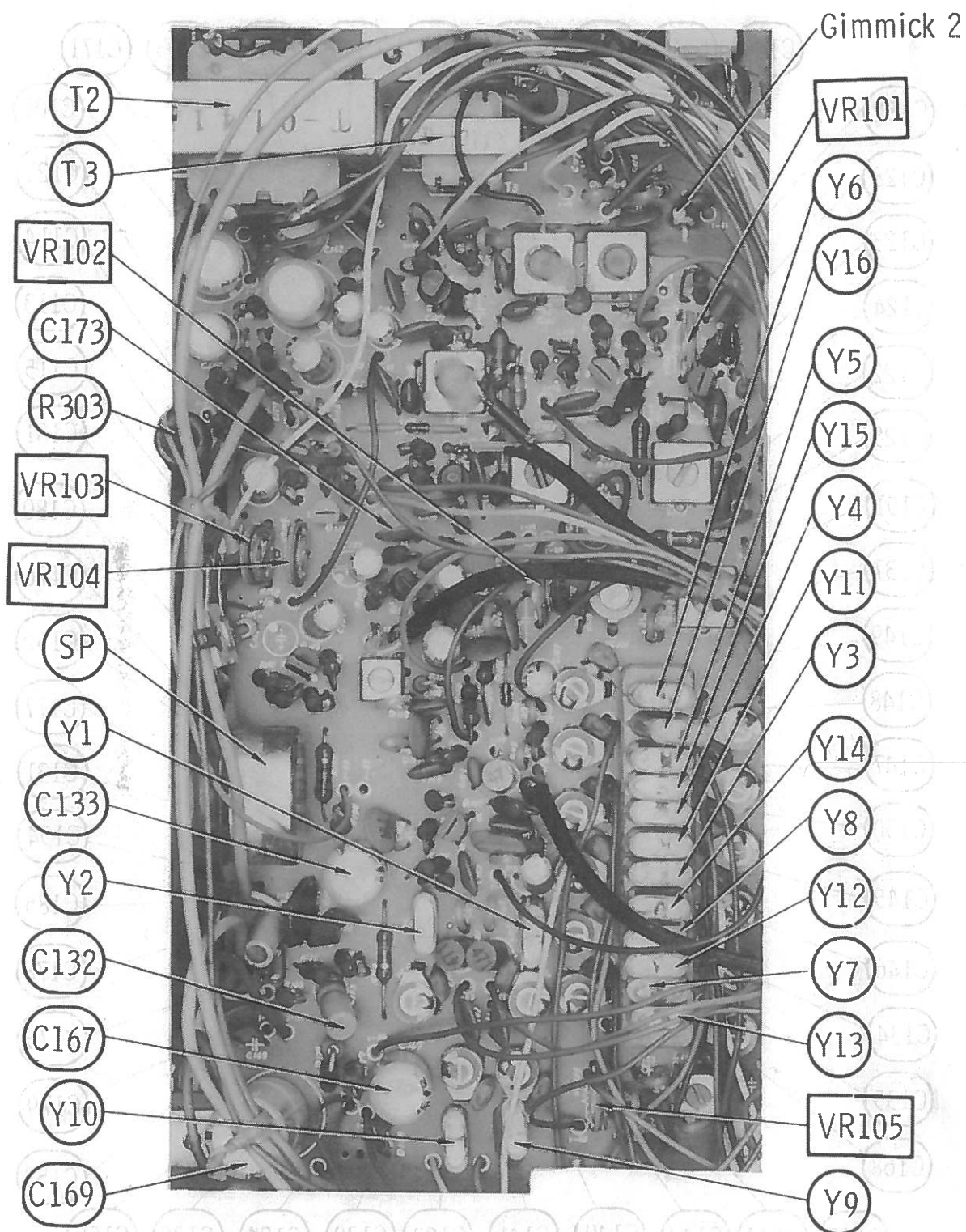


GEMTRONICS MODEL GTX-2325

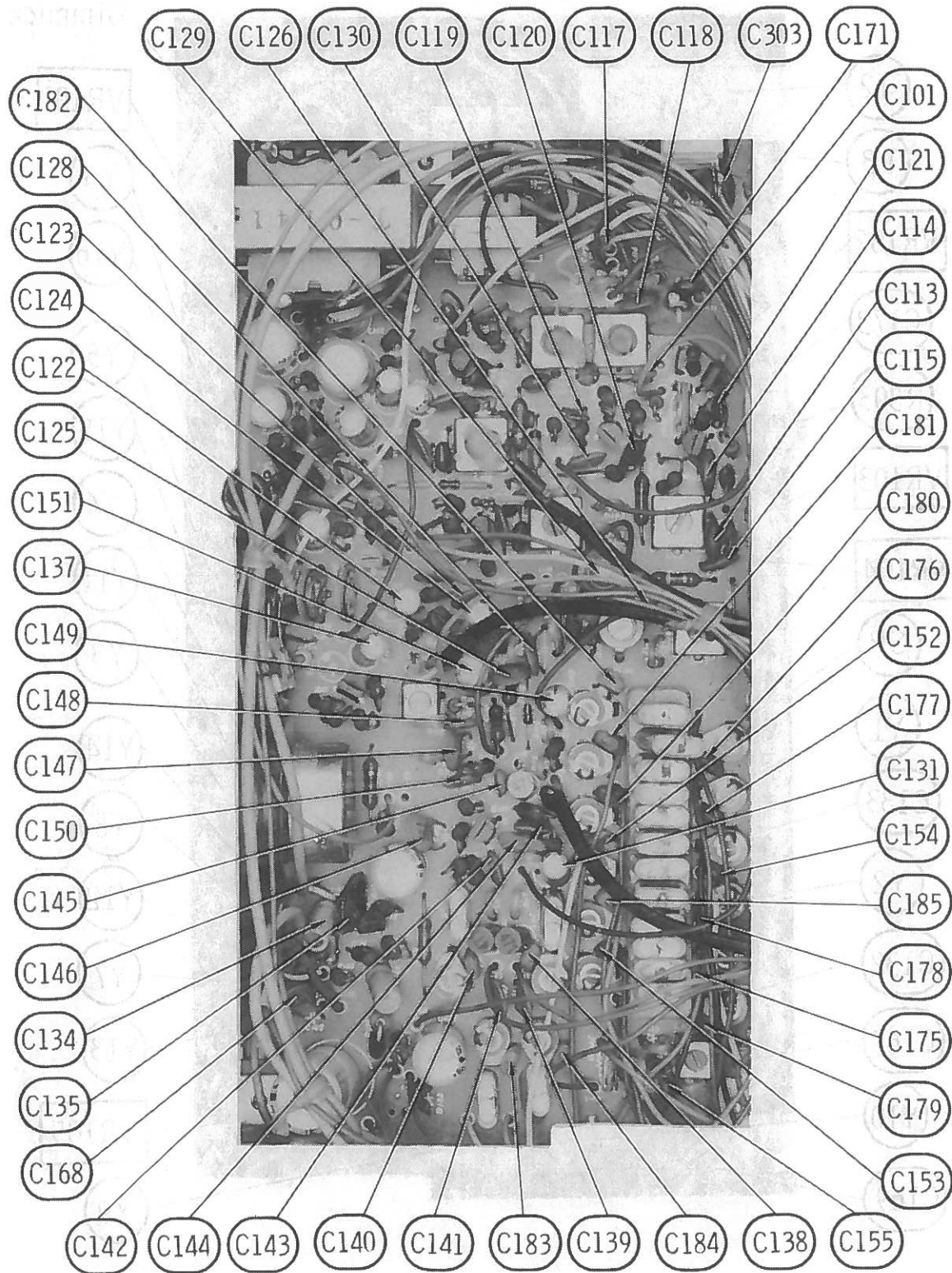
100 SERIES COMPONENT BOARD



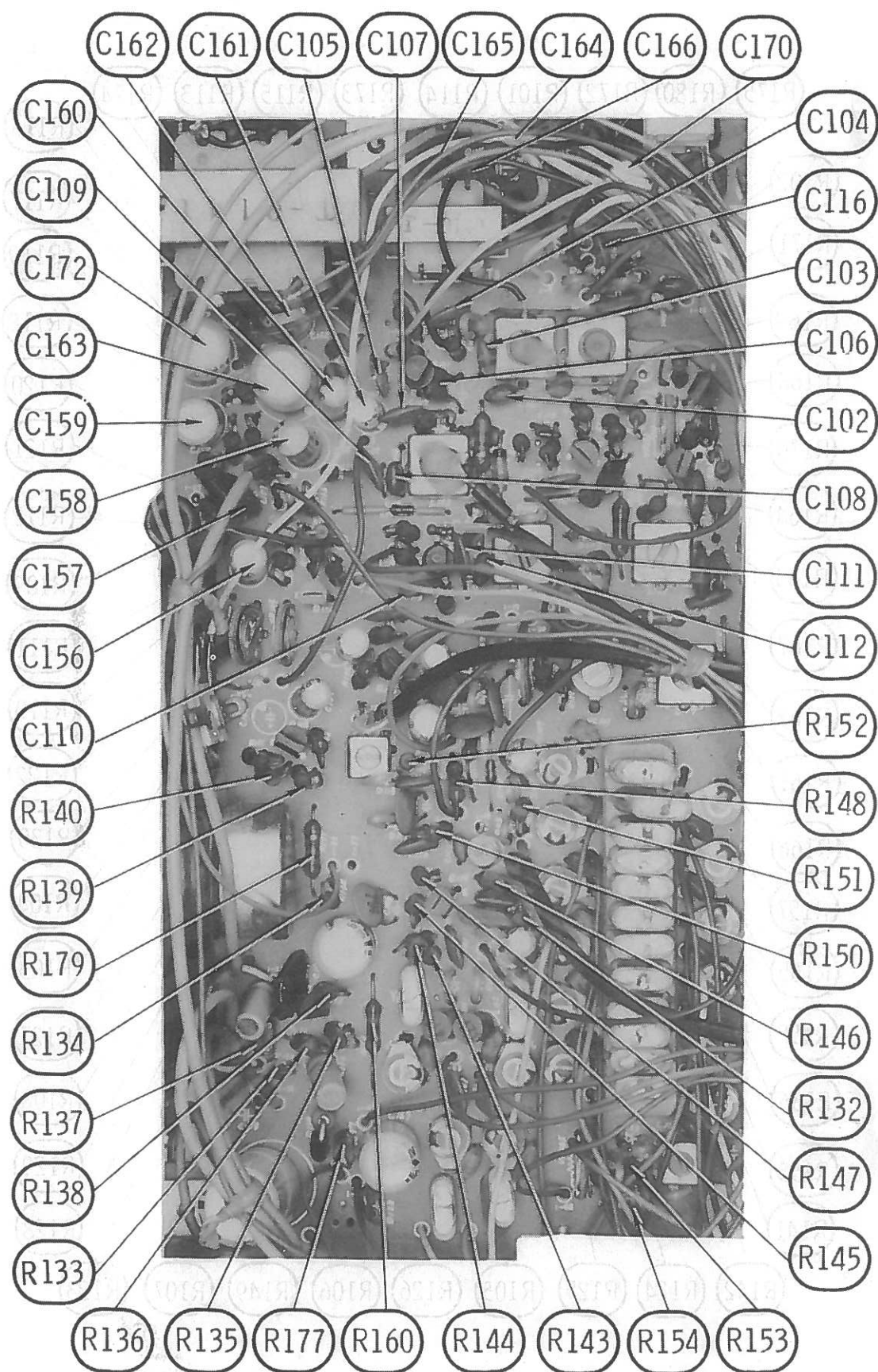
100 SERIES S COMPONENT BOARD



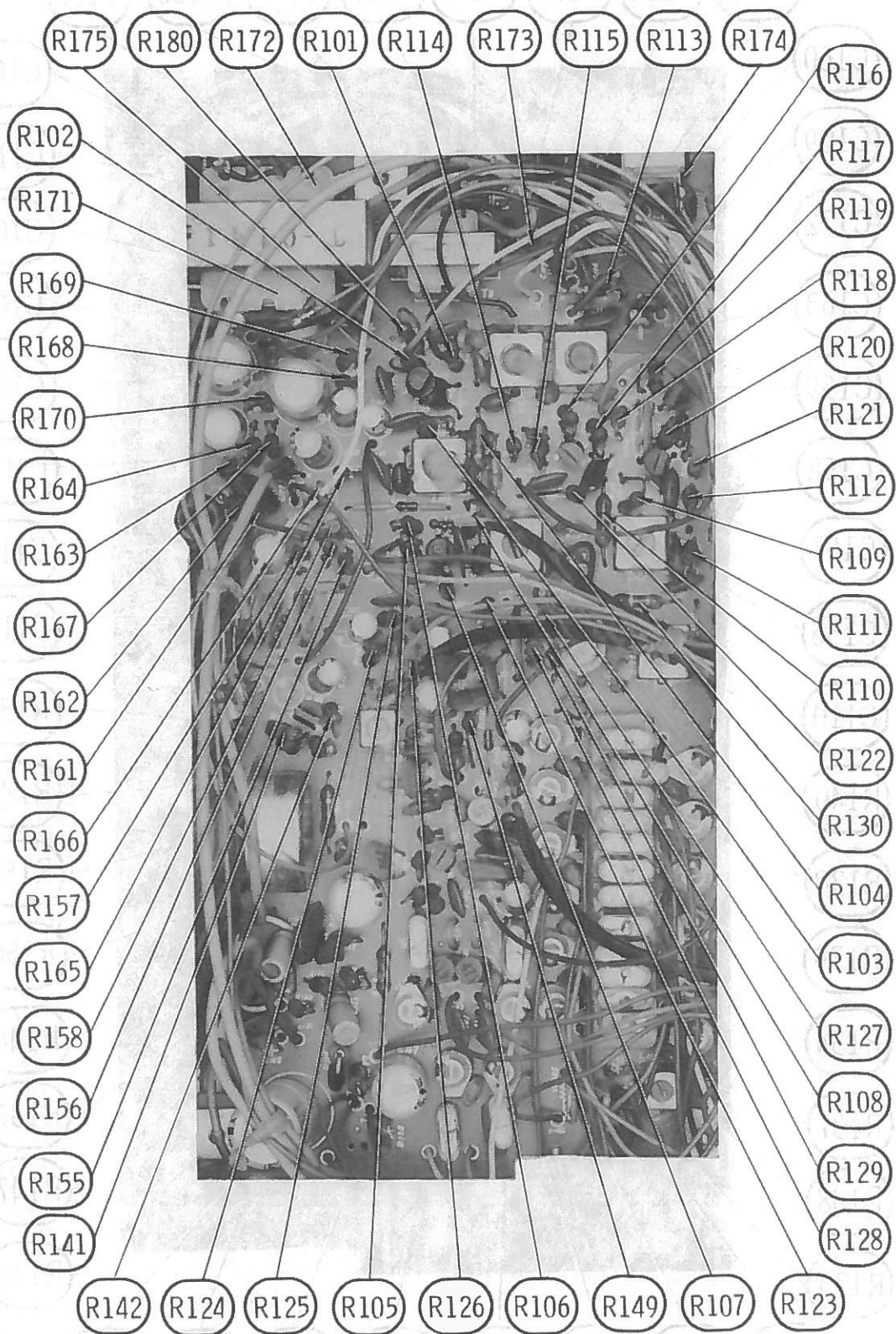
100 SERIES COMPONENT BOARD



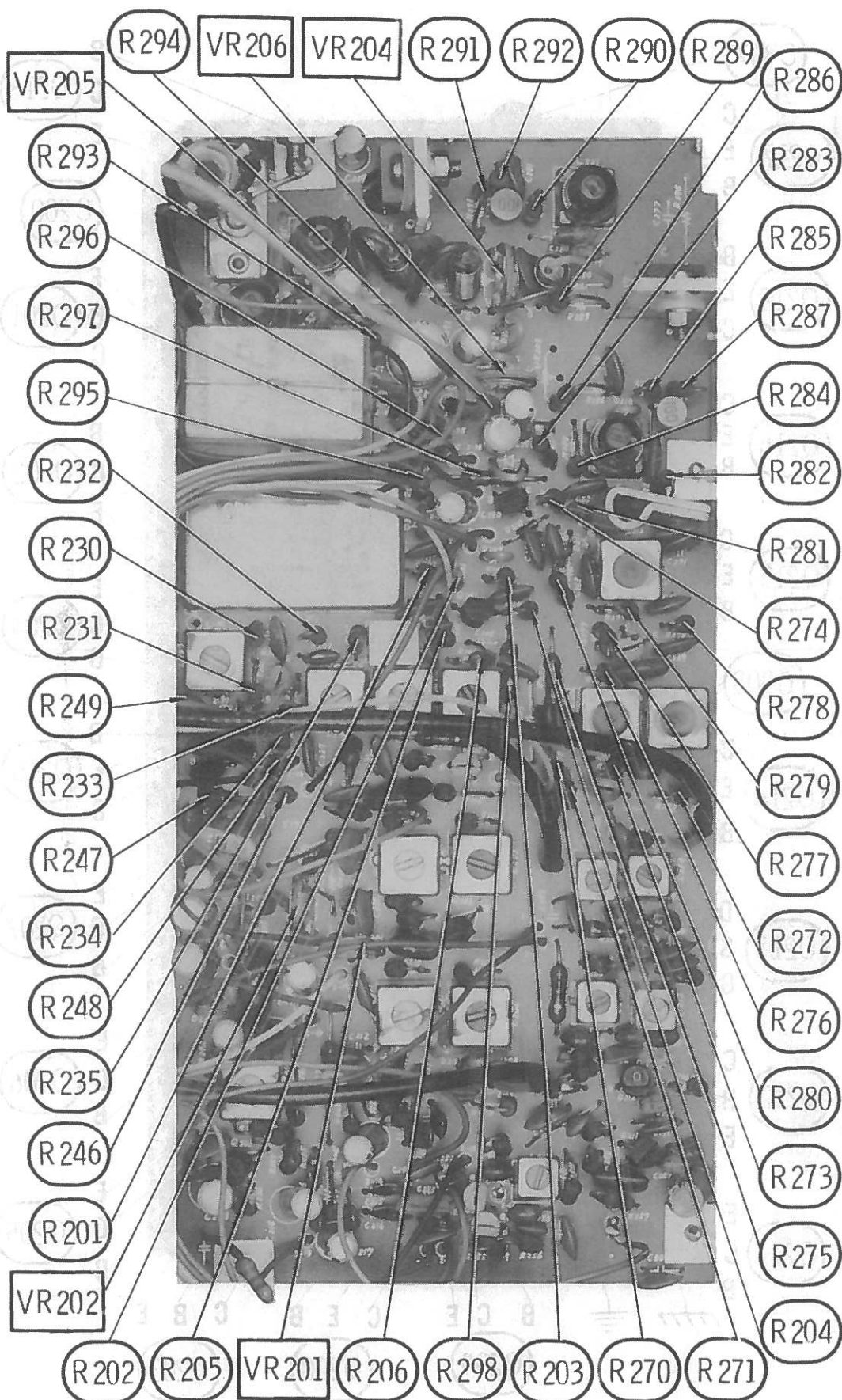
100 SERIES COMPONENT BOARD



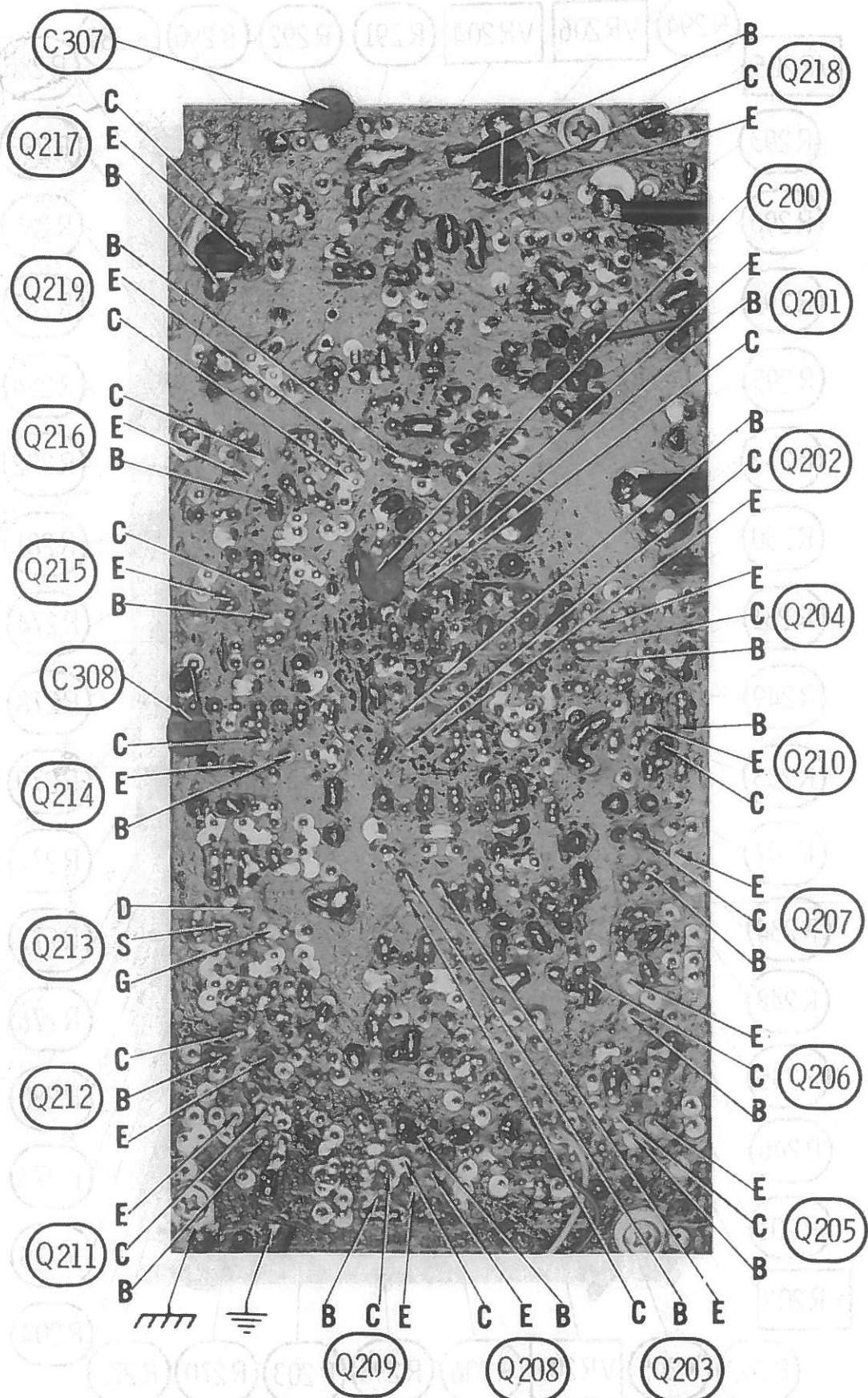
100 SERIES COMPONENT BOARD



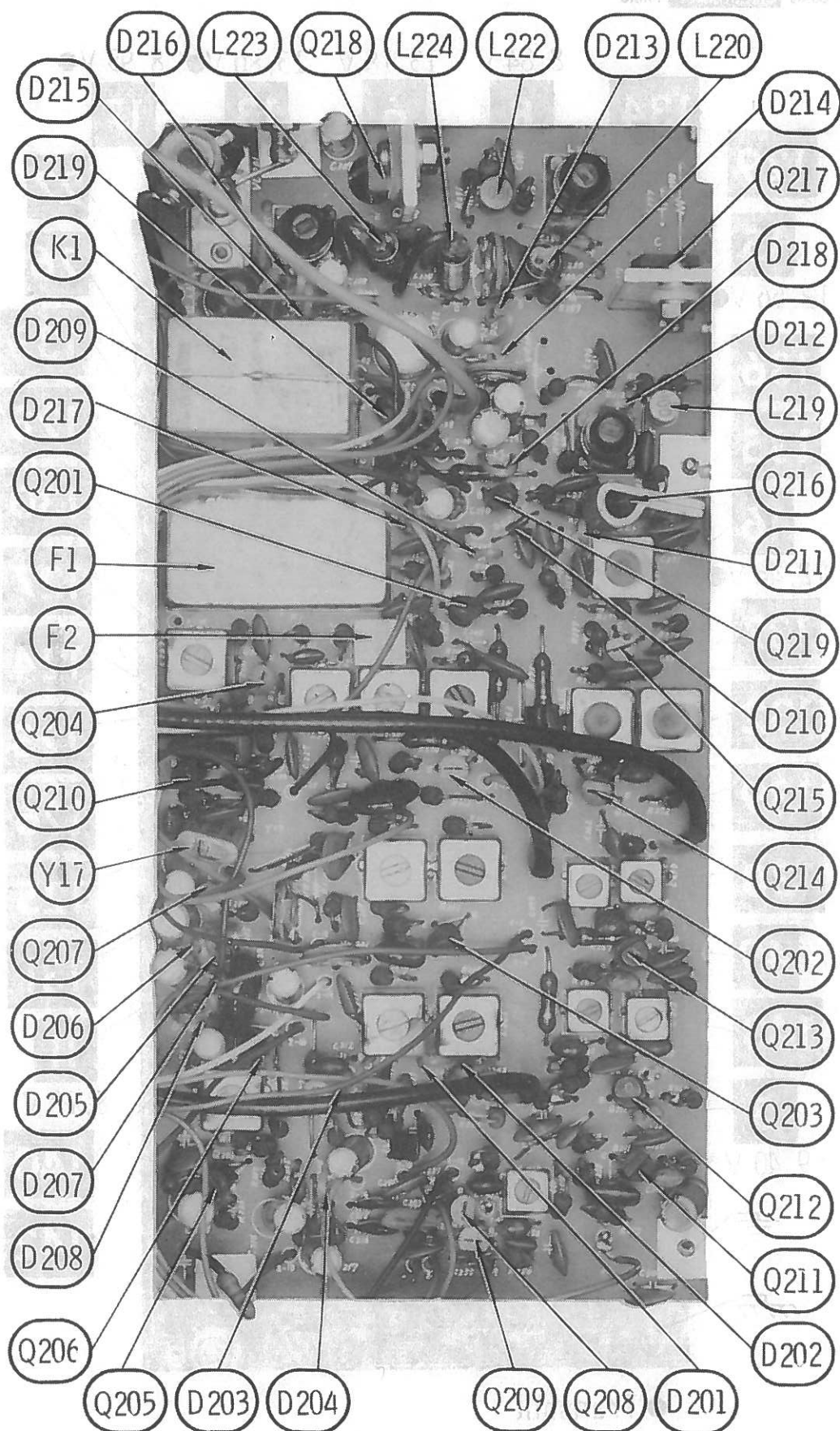
100 SERIES COMPONENT BOARD



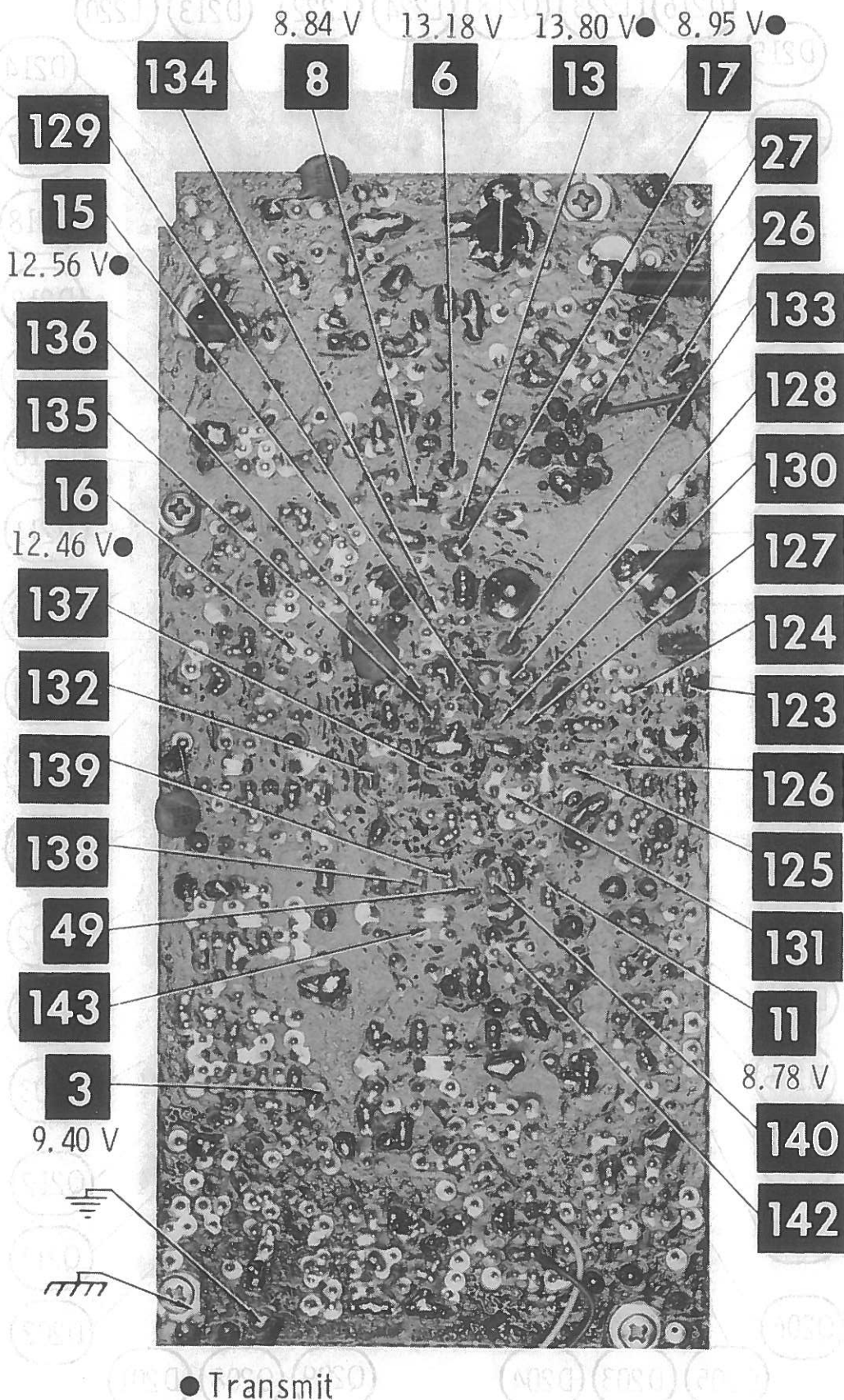
200 SERIES S COMPONENT BOARD



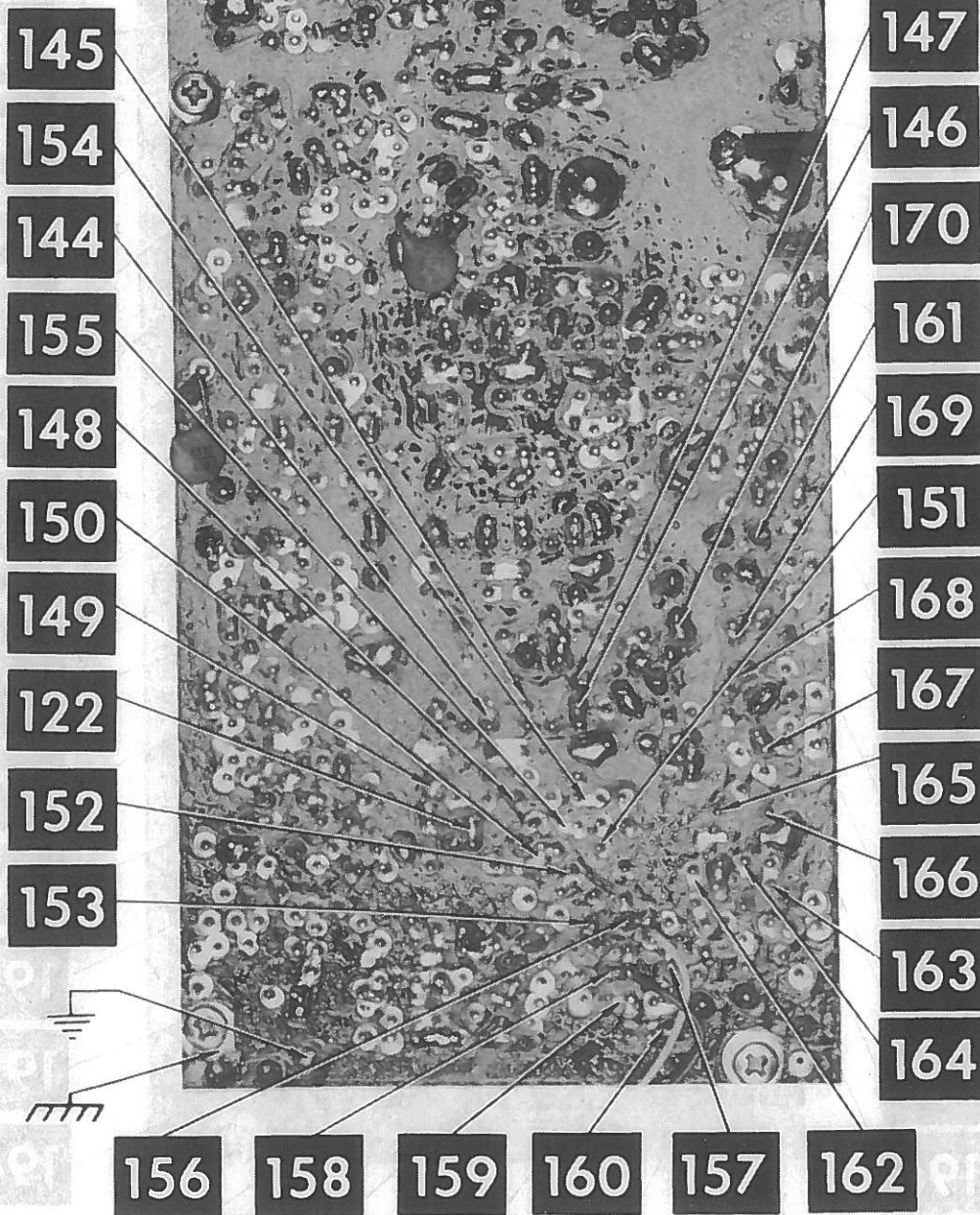
200 SERIES COMPONENT BOARD



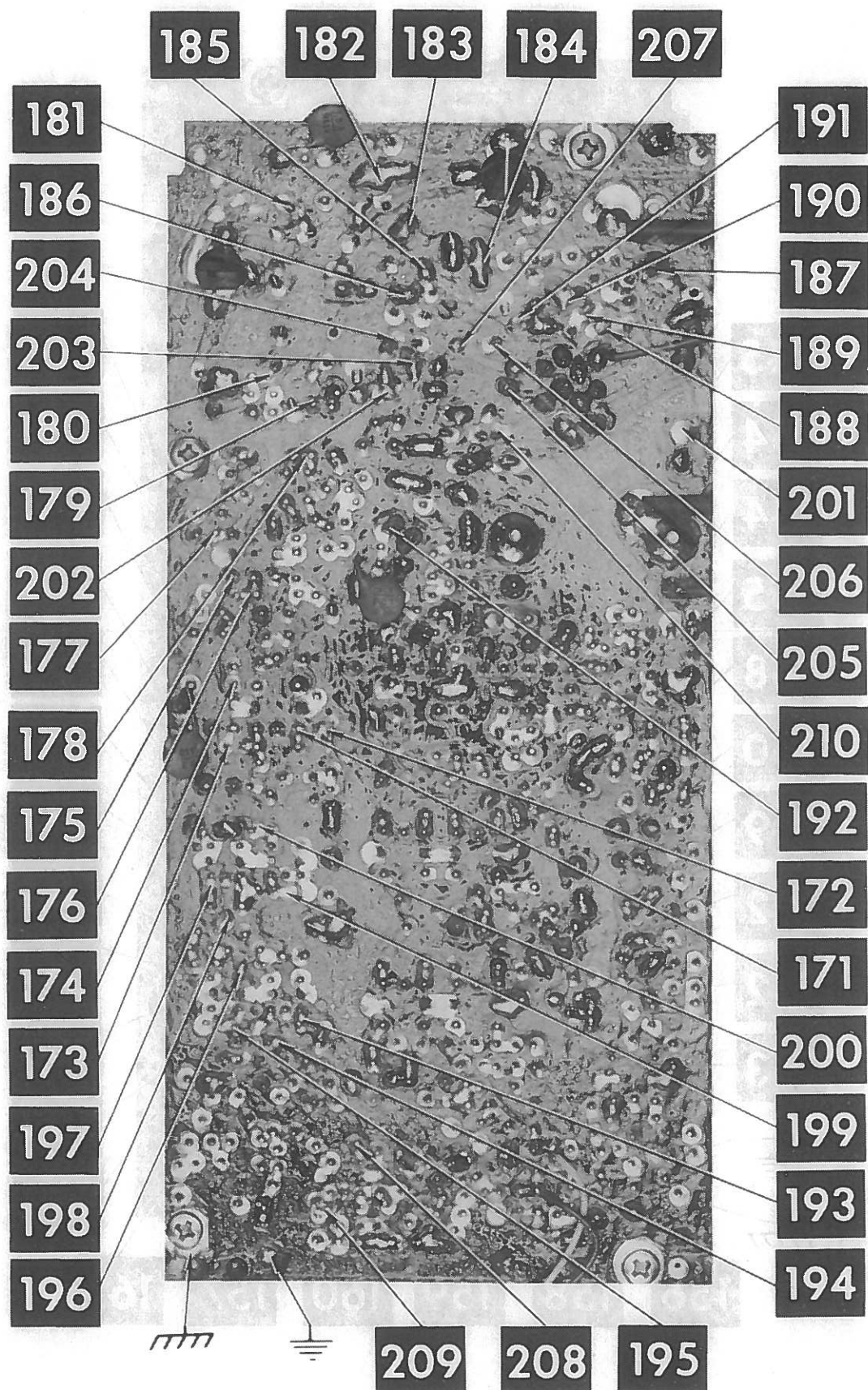
200 SERIES COMPONENT BOARD



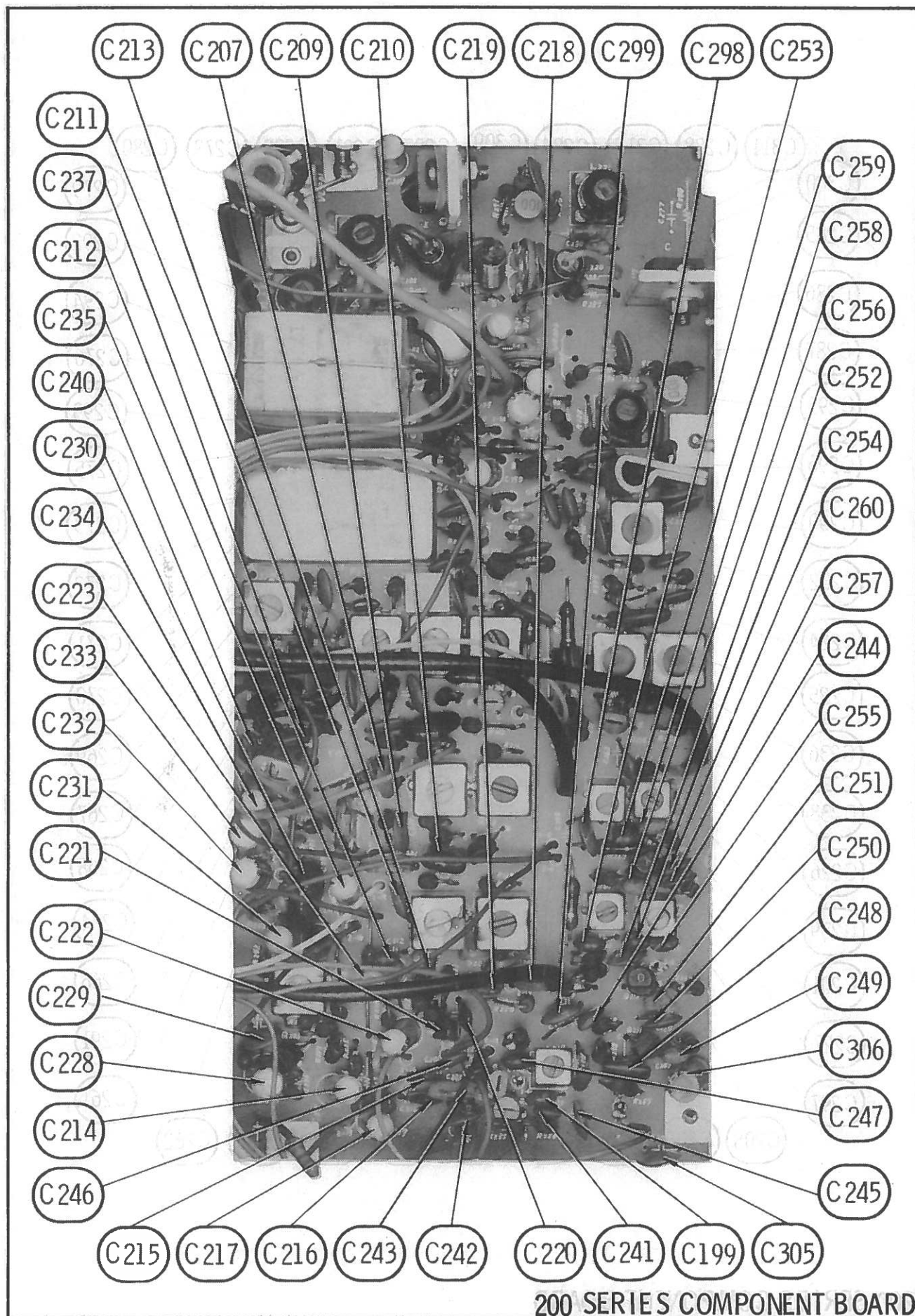
200 SERIES COMPONENT BOARD



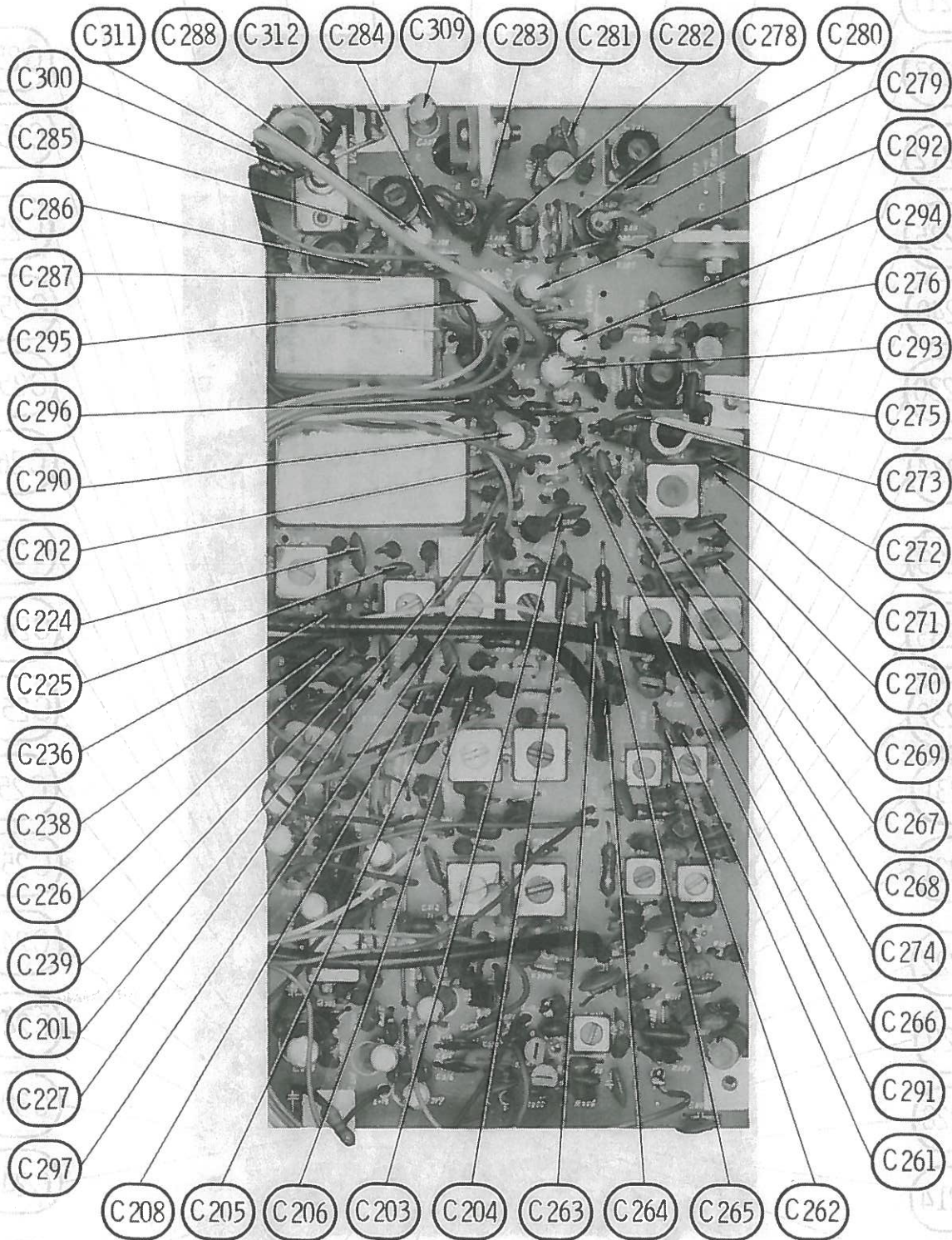
200 SERIES COMPONENT BOARD



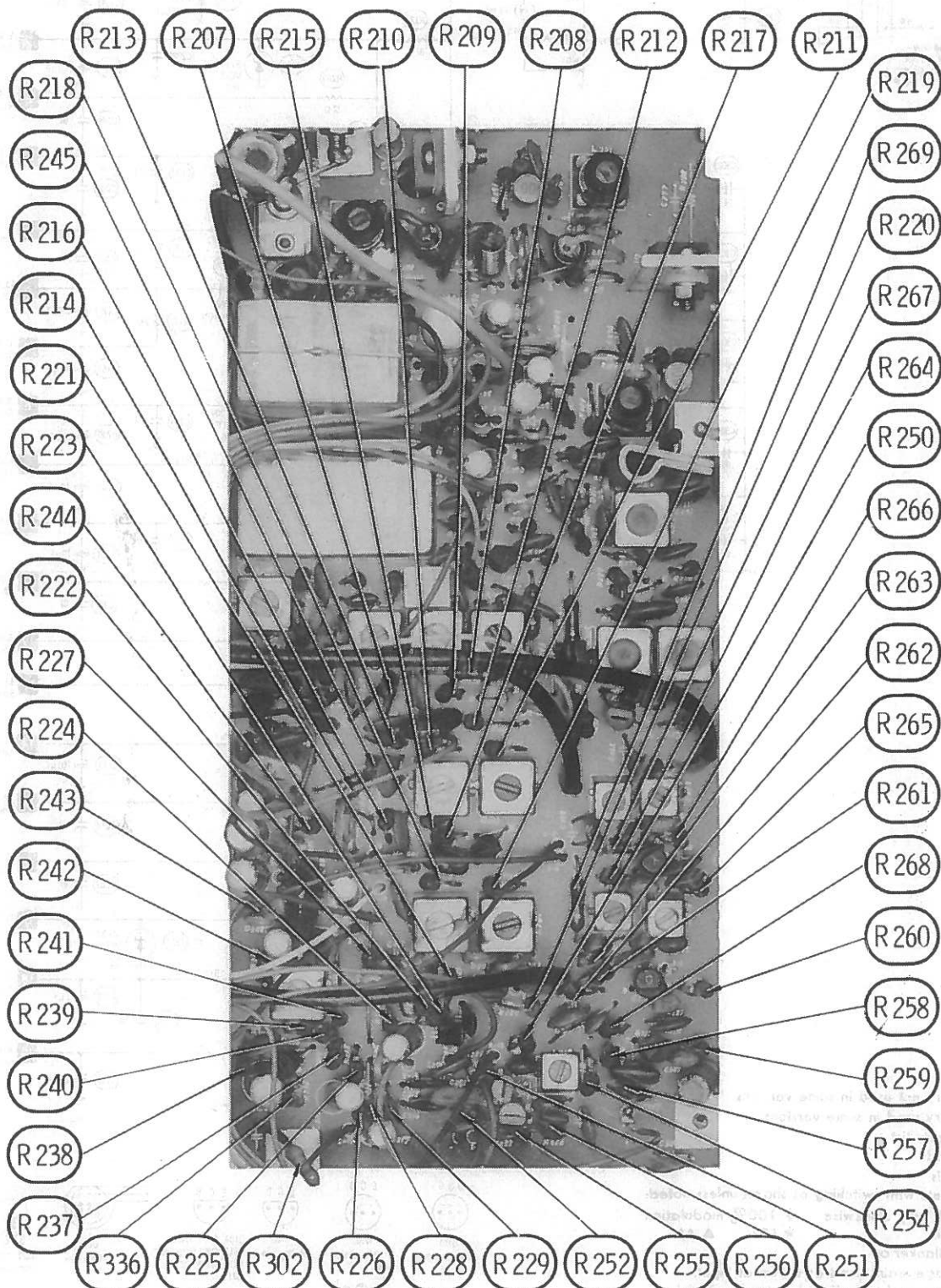
200 SERIES COMPONENT BOARD



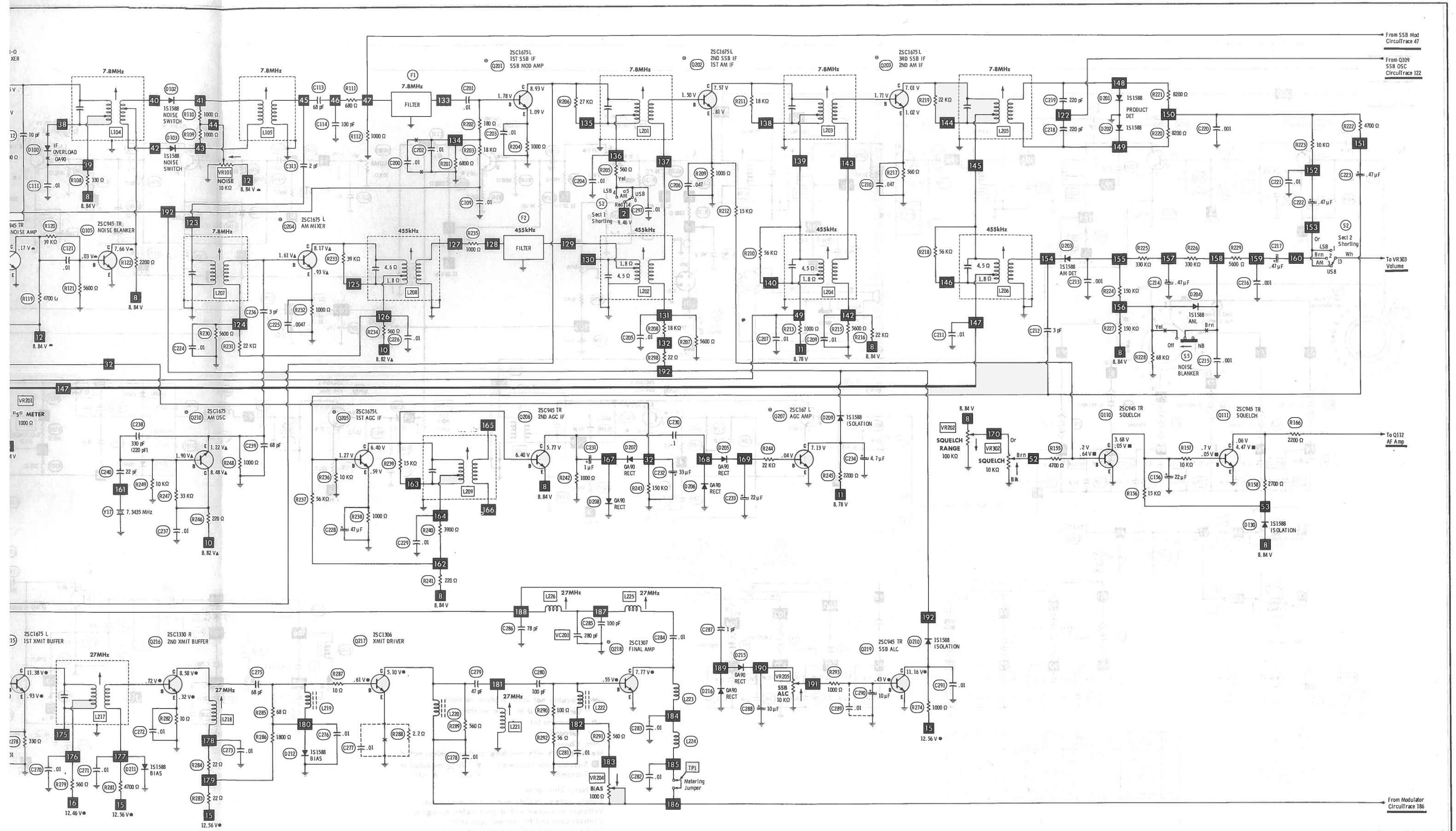
200 SERIES COMPONENT BOARD



200 SERIES COMPONENT BOARD



200 SERIES S COMPONENT BOARD





33

PARTS LIST AND DESCRIPTION

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

WIRING DATA

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

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D100	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D101	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D102	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D103	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D104	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D105	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D106	20A90	065-014	1N60(7)	1N60(7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)
D108	20A90	065-014	1N60(7)	1N60(7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)
D107	20A90	065-014	1N60(7)	1N60(7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)
D109	20A90	065-014	1N60(7)	1N60(7)	PTC206M(6)	HEPR9135(7)	RE 86(6)	SK3088(7)	RT-263(7)	ECG110(6)
D110	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D111	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D112	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D113	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D114	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D115	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D116	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D117	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D118	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D119	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D120	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D122	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D123	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D124	1S2687	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D125	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D126	V06B	065-015	GE-504A	8D4	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D127	V06B	065-015	GE-504A	8D4	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D128	BZ090 (9.0 Volts 5% Zener)				ZB9.1B				RT-240	ECG139
D129	U05B	065-016	GE-512	3F200	PTC204	HEPR0092	RE 92	SK3051	RT-201	ECG156
D130	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D201	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D202	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D203	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D204	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D205	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D206	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D207	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D208	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D209	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D210	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D211	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D212	1S1588	065-012	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D213	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D214	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D215	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D216	0A-90	065-013	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D217	MZ209 (9.0 Volts 5% Zener)				ZB9.1B				RT-240	ECG139
D218	MZ209 (9.0 Volts 5% Zener)				ZB9.1B				RT-240	ECG139
D219	V06B	065-015	GE-504A	8D4	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D301	SL103	065-011	GE-504A	8D4	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D302	V06B	065-015	GE-504A	8D4	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
Q101	2SK19Y	065-001	GE-FET-2	FE-100	PTC152	HEPF0021	RE 45	SK3116	RT-175	ECG132
Q102	2SC381-0		GE-20	TR-33	PTC121	HEPS0011	RE 9	SK3018	RT-108A	ECG107
Q103	2SK47M	065-002	GE-FET-2	FE-100	PTC152	HEPF0021	RE 45	SK3116	RT-175	ECG132
Q104	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
Q105	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
Q106	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q107	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
Q108	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
Q109	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q110	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
Q111	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
Q112	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
Q113	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
Q114	2SC1096L (10)	065-007	GE-28	TR-55	PTC110		RE 42	SK3054	RT-197	ECG186
Q115	2SC1096L (10)	065-007	GE-28	TR-55	PTC110		RE 42	SK3054	RT-197	ECG186
Q201	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q202	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q203	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q204	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A

GEOMTRONICS MODEL GTX-2325

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.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
Q205	2SC1675L	065-004(1)	GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q206	2SC839H		GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q207	2SC945TR	065-006	GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199
	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q208	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q209	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q210	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q211	2SC839H	065-004(1)	GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC1675L		GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q212	2SC381-0	065-001	GE-20	FE-100	PTC121	HEPS0011	RE 9	SK3018	RT-108A	ECG107
Q213	2SK19V		GE-FET-2	FE-100	PTC152	HEPF0021	RE 45	SK3116	RT-175	ECG132
Q214	2SC1675L	065-004(1)	GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC839H		GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q215	2SC1675L	065-004(1)	GE-20	TR-24	PTC136	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
	2SC839H		GE-20	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q216	2SC1330R	065-008	GE-63	TR-24	PTC121	HEPS0015	RE 13	SK3018	RT-107A	ECG123A
Q217	2SC1306		GE-215		PTC178	HEPS3020		SK3137	RT-186	ECG192
	(11)				PTC186		RE 194			ECG235
Q218	2SC1307	065-270	GE-216		PTC186					ECG236
	(12)									
	2SC1239	(13) (1)	GE-46		PTC176			SK3049	RT-182	ECG237
Q219	2SC945TR		GE-210	TR-21	PTC121	HEPS0015	RE 13	SK3124	RT-172	ECG199

(1) Used in some versions.

(6) Matched pair.

(7) Two required - select matched pair.

(10) Rating 10 watt @ 2.0 amp.

(11) Rating 12 watt @ 3.0 amp.

(12) Rating 25 watt @ 8.0 amp.

(13) Rating 12 watt @ 4.0 amp.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C122	.47 50V	065-115	RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C124	.47 50V		RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C129	1 50V		RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C131	10 16V		RME-B-G-010	EP15-10	PC10-25	VTT10A25	EV-1222
C132	.47 50V		RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C133	100 16V		RME-E-E-100	EP15-100	PC100-16	VTT100F16	EV-1230
C134	4.7 25V		RME-A-J-005	EP30-5	PC5-50	VTT4R7A50	EV-1319
C137	.47 50V		RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C149	10 16V		RME-B-G-010	EP15-10	PC10-25	VTT10A25	EV-1222
C151	22 16V		RME-D-G-025	EP15-25	PC25-25	VTT22A16	EV-1224
C156	22 16V	065-113	RME-D-G-025	EP15-25	PC25-25	VTT22A16	EV-1224
C158	47 10V		RME-E-E-050	EP15-50	PC50-16	VTT47D16	EV-1226
C159	47 16V	065-114	RME-E-E-050	EP15-50	PC50-16	VTT47D16	EV-1226
C160	.47 50V		RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C161	.47 50V	065-115	RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C162	100 10V		RME-E-E-100	EP15-100	PC100-10	VTT100E10	EV-1130
C163	100 16V		RME-E-E-100	EP15-100	PC100-16	VTT100F16	EV-1230
C167	220 16V		RME-J-E-250	EP15-250	PC250-25	VTT220G16	EV-1240
C169	1000 16V		RME-N-E-1000	EP15-1000	PC1000-16	VTT1000L16	EV-1260
C170	100 16V		RME-E-E-100	EP15-100	PC100-16	VTT100F16	EV-1230
C172	220 16V		RME-J-E-250	EP15-250	PC250-25	VTT220G16	EV-1240
C214	.47 50V		RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C217	.47 50V		RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C222	.47 50V		RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C223	.47 50V	065-114	RME-A-J-001	EP50-1	PC1-50	VTR47B63	EV-1610
C228	47 16V		RME-E-E-050	EP15-50	PC50-16	VTT47D16	EV-1226
C231	1 50V		RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C232	33 10V		ME-3-D-035	EP15-25	PC30-25	VTT33A10	EV-1125
C233	22 16V		RME-D-G-025	EP15-25	PC25-25	VTT22A16	EV-1224
C234	4.7 25V		RME-A-J-005	EP30-5	PC5-50	VTT4R7A50	EV-1319
C235	10 16V		RME-B-G-010	EP15-10	PC10-25	VTT10A25	EV-1222
C288	10 16V		RME-B-G-010	EP15-10	PC10-25	VTT10A25	EV-1222
C290	10 16V		RME-B-G-010	EP15-10	PC10-25	VTT10A25	EV-1222
C292	1 50V		RME-A-J-001	EP50-1	PC1-50	MTV1CB50	EV-1615
C293	33 10V	065-115	ME-3-D-035	EP15-25	PC30-25	VTT33A10	EV-1125
C294	10 16V		RME-B-G-010	EP15-10	PC10-25	VTT10A25	EV-1222
C295	100 16V		RME-E-E-100	EP15-100	PC100-16	VTT100F16	EV-1230
C301	100 16V		RME-E-E-100	EP15-100	PC100-16	VTT100F16	EV-1230
C306	22 16V		RME-D-G-025	EP15-25	PC25-25	VTT22A16	EV-1224
C309	10 16V		RME-B-G-010	EP15-10	PC10-25	VTT10A25	EV-1222

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C101	.001		CCD-102	DD-102	NP03P3	GP210	10TS-D10
C102	3		CCTO-3R3	DTZ-3R3	CD19FD102J03	CN0533	10TCC-V33
C103	.001		DM19-102J	CPR-1000J		SX210	424ME1001J501
C104	.01		CCD-103				10TS-S10
C105	.01		CCD-103				10TS-S10
C106	1					CN0510	10TCC-V10
C107	.01		CCD-103		CD6CD100D03		10TS-S10
C108	10		DM10-100J				10TS-S10
C109	.01		CCD-103				10TS-S10
C110	.01		CCD-103				10TS-S10

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS(cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C111	.01		CCD-103		CD6CD100D03		10TS-S10
C112	10		DM10-100J		CD6ED680J03		424MC680J501
C113	68		DM10-680J	CPR-68J	CD10FD101J03	SX468	424MC1000J501
C114	100		DM10-101J	CPR-100J	CD20FD103J03	SX310	
C115	.01		DM30-103J	CPR-10000J		SX110	
C116	.01		CCD-103				10TS-S10
C117	.01		CCD-103				10TS-S10
C118	.01		CCD-103				10TS-S10
C119	.001		1MDF-1-102	CPJ-102	DPMS6D1	EWFA1A210	1PB-D10
C120	.001		1MDF-1-102	CPJ-102	DPMS6D1	EWFA1A210	1PB-D10
C121	.01		1MDF-1-103	CPJ-103	DPMS4S1	EWFA1A110	1PB-S10
C123	.01		CCD-103				10TS-S10
C125	.01		CCD-103				10TS-S10
C126	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	10TS-S10
C127	10		DM10-100J		CD6CD100D03		
C128	.01		CCD-103				10TS-S10
C130	.01		CCD-103				10TS-S10
C135	.047		1MDF-2-473		DPMS2S47	EWFA1A147	1PB-S47
C138	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C139	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C140	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C141	.01		CCD-103				10TS-S10
C142	.01 10%		CCD-103				10TS-S10
C143	68 10%		DM10-680J	CPR-68J	CD6ED680J03	SX468	424MC680J501
C144	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C145	.001		CCD-102	DD-102		GP210	10TS-D10
C146	.01		CCD-103				10TS-S10
C147	.01		CCD-103				10TS-S10
C148	.01		CCD-103				10TS-S10
C150	.01		CCD-103				10TS-S10
C152	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C153	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C154	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C155	.01		CCD-103				10TS-S10
C157	.047		1MDF-2-473		DPMS2S47	EWFA1A147	1PB-S47
C164	.1			DC-104	MGPI	MAG5001	TG-P10
C165	.01		CCD-103				10TS-S10
C166	.01		CCD-103				10TS-S10
C168	.01		CCD-103				10TS-S10
C171	2		CCTO-2R2	DTZ-2R2	NP02P2	CN0522	10TCC-V22
C173	.01		CCD-103				10TS-S10
C175	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C176	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C177	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C178	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C179	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C180	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C181	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C182	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C183	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C184	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C185	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C186	500 10%		DM15-501J		CD15FD501J03		
C199	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C200	.01		CCD-103				10TS-S10
C201	.01		CCD-103				10TS-S10
C202	.01		CCD-103				10TS-S10
C203	.01		CCD-103				10TS-S10
C204	.01		CCD-103				10TS-S10
C205	.01		CCD-103				10TS-S10
C206	.047		1MDF-2-473		DPMS2S47	EWFA1A147	1PB-S47
C207	.01		CCD-103				10TS-S10
C208	.01		CCD-103				10TS-S10
C209	.01		CCD-103				10TS-S10
C210	.047		1MDF-2-473		DPMS2S47	EWFA1A147	1PB-S47
C211	.01		CCD-103				10TS-S10
C212	3		CCTO-3R3	DTZ-3R3	NP03P3	CN0533	10TCC-V33
C213	.001		1MDF-1-102	CPJ-102	DPMS6D1	EWFA1A210	1PB-D10
C215	.001		1MDF-1-102	CPJ-102	DPMS6D1	EWFA1A210	1PB-D10
C216	.001		1MDF-1-102	CPJ-102	DPMS6D1	EWFA1A210	1PB-D10
C218	220 10%		DM10-221J	CPR-220J	CD10FD221J03	SX322	424ME2200J501
C219	220 10%		DM10-221J	CPR-220J	CD10FD221J03	SX322	424ME2200J501
C220	.001		1MDF-1-102	CPJ-102	DPMS6D1	EWFA1A210	1PB-D10
C224	.01		CCD-103				10TS-S10
C225	.0047		1MDF-1-472	CPJ-472	DPMS6D47	EWFA1A247	1PB-D47
C226	.01		CCD-103				10TS-S10
C227	.01		CCD-103				10TS-S10
C229	.01		CCD-103				10TS-S10
C230	.1		1MDF-3-104		GP10000	GP110	1PB-P10
C236	3		CCTO-3R3	DTZ-3R3	NP03P3	EWFA1A010	10TCC-V33
C237	.01		CCD-103				10TS-S10
C238	330 10%		DM15-331J	CPR-330J	CD15FD331J03	SX333	424ME3300J501
C239	68 10%		DM10-680J	CPR-68J	CD6ED680J03	SX468	424MC680J501
C240	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C241	10		DM10-100J		CD6CD100D03		
C242	.01		CCD-103				10TS-S10
C243	220 10%		DM10-221J	CPR-220J	CD10FD221J03	SX322	424ME2200J501
C245	.01		CCD-103				10TS-S10
C246	.01		CCD-103				10TS-S10
C247	10		DM10-100J		CD6CD100D03		
C248	150 10%		DM10-151J	CPR-150J	CD7FD151J03	SX315	424MC1500J501
C249	47		DM10-470J	CPR-47J	CD6ED470J03	SX447	424MC470J501
C250	.01		CCD-103				10TS-S10
C251	5		DM10-0500		CD6CD0500D03		
C252	.01		CCD-103				10TS-S10
C253	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C254	2		CCTO-2R2	DTZ-2R2	NP02P2	CN0522	10TCC-V22
C255	33		DM10-330J	CPR-33J	CD6ED330J03	SX433	

GEMTRONICS MODEL GTX-2325

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS(cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C256	5		DM10-0500		CD6CD050DD3		10TS-S10
C257	.01		CCD-103				
C258	33		DM10-330J	CPR-33J	CD6ED33DJ03	SX433	10TCC-V22
C259	2		CCT0-2R2	DTZ-2R2	NP02P2	CN0522	10TS-S10
C260	.01		CCD-103				10TCC-V33
C261	3		CCT0-3R3	DTZ-3R3	NP03P3	CN0533	10TS-D10
C262	.001		CCD-102	DD-102		GP210	
C263	10		DM10-100J		CD6CD100DD3		
C264	7		DM10-0500		CD6CD050DD3		
C265	.01		CCD-103				10TS-S10
C266	3		CCT0-3R3	DTZ-3R3	NP03P3	CN0533	10TCC-V33
C267	.01		CCD-103				10TS-S10
C268	220 10%		DM10-221J	CPR-220J	CD10FD221J03	SX322	424MC2200J501
C269	.01		CCD-103				10TS-S10
C270	.01		CCD-103				10TS-S10
C271	.01		CCD-103				10TS-S10
C272	.01		CCD-103				10TS-S10
C273	.01		CCD-103				10TS-S10
C274	.01		CCD-103				10TS-S10
C275	68 10%		DM10-680J	CPR-68J	CD6ED680J03	SX468	424MC680J501
C276	.01		CCD-103				10TS-S10
C277	.01		CCD-103				10TS-S10
C278	.01		CCD-103				10TS-S10
C279	47		DM10-470J	CPR-47J	CD6ED470J03	SX447	424MC470J501
C280	100 10%		DM10-101J	CPR-100J	CD10FD101J03	SX310	424MC1000J501
C281	.01		CCD-103			SX310	10TS-S10
C282	.01		CCD-103			SX475	10TS-S10
C283	.01		CCD-103			CN0510	10TS-S10
C284	.01		CCD-103				10TCC-V10
C285	100 10%		DM10-101J	CPR-100J	CD10FD101J03	SX310	10TS-S10
C286	78 10%		DM10-750J	CPR-75J	CD6ED750J03	SX475	10TS-S10
C287	1					CN0510	10TS-S10
C289	.01		CCD-103				10TS-S10
C291	.01		CCD-103				10TS-S10
C296	.01		CCD-103				10TS-S10
C297	.01		CCD-103				10TS-S10
C298	.01		CCD-103				10TS-S10
C299	.01		DM10-470J	CPR-47J	CD6ED470J03	SX447	424MC470J501
C300	47 5%		CCD-103				10TS-S10
C302	.01		CCD-103				10TS-S10
C303	.01		CCD-103				10TS-S10
C304	.01		CCD-103				10TS-S10
C305	.01		CCD-103				10TS-S10
C307	.01		CCD-103				10TS-S10
C308	.01		CCD-103				10TS-S10
C310	.01		CCD-103				10TS-S10
C311	78 10%		DM10-750J	CPR-75J	CD6ED750J03	SX475	424MC750J501
C312	82 10%		DM10-820J	CPR-82J	CD10ED820J03	SX482	424MC820J501
C313	2		CCT0-3R3	DTZ-3R3	NP03P3	CN0533	10TCC-V33
VC101	6	065-149					
VC102	20	065-150					
VC103	22	065-150					
VC104	20	065-150					
VC105	20	065-150					
VC106	20	065-150					
VC107	20	065-150					
VC108	20	065-150					
VC109	20	065-150					
VC110	20	065-150					
VC111	20	065-151					
VC112	30	065-151					
VC113	30	065-151					
VC114	30	065-151					
VC115	30	065-151					
VC116	30	065-151					
VC117	30	065-151					
VC201	280	065-152					

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.
VR101	Noise	10K	065-103	TSV-10K or T-10K	C-103	MTC14L1	X201R103B
VR102	Balance	200	065-099	T-200 or TSV-250		MTC22L1	X201R251B
VR103	AM Mod.	10K	065-103	TSV-10K or T-10K	C-103	MTC14L1	X201R103B
VR104	SSB Mod.	10K	065-103	TSV-10K or T-10K	C-103	MTC14L1	X201R103B
VR105	Fine Tuning Range	50K	065-101	TSV-50K or T-50K	C-503	MTC54L1	X201R503B
VR201	"S" Meter	1000	065-100	TSV-1K or T-1000	C-102	MTC13L1	X201R102B
VR202	Squelch Range	100K	065-105	TSV-100K or T-100K	C-104	MTC15L1	X201R104B
VR204	Bias	1000	065-100	TSV-1K or T-1000	C-102	MTC13L1	X201R102B
VR205	SSB ALC	10K	065-103	TSV-10K or T-10K	C-103	MTC14L1	X201R103B
VR206	AM ALC	10K	065-104	TSV-10K or T-10K	C-103	MTC14L1	X201R103B
VR301	Fine Tuning	50K	065-098				
VR302	Squelch	10K	065-096				
VR303	Volume/Switch	10K	065-095				

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.	MFG. PART No.			WORKMAN PART No.	MFG. PART No.
R194	5 ohms 5W WW	5WSQ5	065-107				

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L101	Antenna (27MHz)	065-153	L-0332		
L102	Rec RF (27MHz)	065-154	L-0333		
L103	Rec RF (27MHz)	065-155	L-0334		
L104	Rec Mixer (7.8MHz)	065-156	L0335-1		
L105	Rec Mixer IF (7.8MHz)	065-157	L0336-1		
L106	RF Choke	065-184			
L107	Rec IF (7.8MHz)	065-164	L0441		
L108	RF Choke	065-168			
L109	SSB Osc Output (7.8MHz)	065-172	L0455		
L110	SSB Osc	065-185			
L111	SSB Osc	065-185			
L112	RF Choke	065-181	L0559		
L201	SSB Mod (7.8MHz)	065-158	L0337		
L202	Interstage IF (455kHz)	065-159	L0338		
L203	IF AM/SSB (7.8MHz)	065-158	L0337		
L204	Interstage IF (455kHz)	065-159	L0338		
L205	IF AM/SSB (7.8MHz)	065-158	L0337		
L206	IF Output (455kHz)	065-159	L0338		
L207	IF (7.8MHz)	065-160	L0339		
L208	IF Input (455kHz)	065-159	L0338		
L209	Interstage IF (455kHz)	065-159	L0338		
L210	LSB Osc (7.8MHz)	065-161	L0440-1		
L211	Synth Mixer (19MHz)	065-174	L0452-1		
L212	Synth Mixer (19MHz)	065-175	L0453-1		
L213	Harmonic Sup (19MHz)	065-174	L0453-1		
L214	Synth Amp (19MHz)	065-176	L0504		
L215	Synth Mixer (27MHz)	065-165			
L216	Synth Mixer (27MHz)	065-166	L0295-1		
L217	Buffer (27MHz)	065-167	L0445-1		
L218	Buffer (27MHz)	065-168			
L219	RF Choke	065-183			
L220	Driver	065-179			
L221	Driver (27MHz)	065-169			
L222	RF Choke	065-183			
L223	Final Tank	065-180			
L224	Final Tank	065-180			
L225	Pi Filter (27MHz)	065-170			
L226	Pi Filter (27MHz)	065-171			
L301	Antenna Load (27MHz)	065-178			

GEMTRONICS MODEL GTX-2325

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFG. PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	1700mA	.2	2.2mH	065-186 T-0139 (1)			(1) Number on unit.

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFG. PART No.	THORDARSON PART No.	TRIAD PART No.	
T3	2	1		065-187 T0140 (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	32	8	065-188 T-0141 (1)			(1) Number on unit.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP	2 x 3 3/4 PM 4 ohms	065-196		

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
F3	3 Amp Fast Acting			AGC3	HDJ	312003	150145	F63-2

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
Y1	7.8015	065-025	YC45M7.8015	LSB OSC	Y10	7.4985	065-035	YB32M7.4985	4,8,12,16,20,23
Y2	7.7985	065-024	YC45M7.7985	USB Osc	Y11	11.705	065-026	YA45M11.705	1,2,3,4
Y3	7.4615	065-036	YB32M7.4615	1,5,9,13,17,21	Y12	11.755	065-027	YA45M11.755	5,6,7,8
Y4	7.4715	065-037	YB32M7.4715	2,6,10,14,18,22	Y13	11.805	065-028	YA45M11.805	9,10,11,12
Y5	7.4815	065-038	YB32M7.4815	3,7,11,15,19	Y14	11.855	065-029	YA45M11.855	13,14,15,16
Y6	7.5015	065-039	YB32M7.5015	4,8,12,16,20,23	Y15	11.905	065-030	YA45M11.905	17,18,19,20
Y7	7.4585	065-032	YB32M7.4585	1,5,9,13,17,21	Y16	11.955	065-031	YA45M11.955	21,22,23
Y8	7.4685	065-033	YB32M7.4685	2,6,10,14,18,22	Y17	7.3435	065-023	YC45M7.3435	AM OSC
Y9	7.4785	065-034	YB32M7.4785	3,7,11,15,19					

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
F1	Crystal Filter	065-021	7.8MHz
F2	Ceramic Filter	065-022	455kHz
K1	Relay	065-193	Xmit/Rec
M1	Meter	065-192	S/RF
S1	Switch	065-191	Channel Selector
S2	Switch	065-190	LSB/AM/USB
S3	Switch	065-189	PA/CB
S5	Switch	065-189	NB On/Off
S6	Switch	065-198	RF Att. On/Off
	Socket	065-194	Relay
	Socket	065-195	Crystal
	Printed Circuit Board	065-A-1	100 SERIES
	Printed Circuit Board	065-B-1	200 SERIES

ACCESSORIES

ITEM	MFGR. PART No.	REMARKS
Microphone	065-204	