



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-39CB (SIDE BANDER V)

MANUFACTURER'S SPECIFICATIONS

Receiver

Sensitivity	SSB: 0.25 μ V for 10db S+N/N AM: 0.5 μ V for 10db S+N/N
Selectivity	SSB: 6db @ 2.4 KHz, 50db @ 5.5 KHz AM: 6 db @ $\pm$ 2 KHz, 50db @ 5.5 KHz
Image Rejection	50db
IF Frequency	7.8 MHz
Automatic Gain Control(AGC)	Less than 10db increase in audio output for inputs of 1 to 500,000 μ V
Squelch	Adjustable, Threshold less than 1 μ
Noise Limiter	Series gate type
Noise Blanker	Deluxe noise blanker installed
Clarifier Range	$\pm$ 700 Hertz Minimum
Audio Output Power	4.0 watts with 10% T.H.D. into a 4 Ω load
Hum and Noise	-40db
Built-in Speaker	3/1/2" round, 8 Ω
External Speaker (not supplied)	4 or 8 Ω . Disables internal speaker when connected.

Transmitter

Power Input	
Power Output	AM, 4 watts SSB, 12 watts
Modulation	AM, high and low level Class A
Modulation Capability	AM, 100%
Intermodulation Distortion	SSB: 3rd order -25db 5th order -35db
Carrier Suppression	SSB: -40db
Unwanted Sideband	-50db
Frequency Response	AM and SSB: 350-2500 Hertz
Output Impedance	50 Ω , unbalanced
Automatic Level Control (ALC)	Adjustable, holds P.E.P. to 1db increase w/10db increase in audio input.
SSB Filter	7.8 MHz, crystal lattice type 6db @ 4.0 KHz 50db @ 5.5 KHz
Output Indicator	Backlit front panel meter

SBE MODEL SBE-39CB (SIDE BANDER V)

Courtesy of the Manufacturer

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

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9CF1007

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.
 Connect microphone.

Suggested Alignment Tools:

GC ELECTRONICS:

L103, L301, L509, L703, L801, L901, L902, L904, L905,
 T101 thru T104, T201 thru T203, T301 thru T303,
 T401, T501 thru T503, T901..... 9440
 T304 5000,5009,8276,8728,9089
 L502 8282,9304,8728,9089
 L505, L507 9300,9302,9304
 CV101, CV701 5000,8276,9089

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCIVER	ADJUST	REMARKS
Input of frequency counter to TP1 (Junction of C921 and R946).	Ch. 19, AM Clarifier Midrange	L905	Adjust for 10.0000MHz.
Input of frequency counter to TP1 (Junction of C921 and R946).	Ch. 19, USB Clarifier Midrange	L904	Adjust for 9.9987MHz.
Input of DC meter to TP (Junction of R903 and R904).	Ch. 1, AM	L901	Adjust for 2.00 volts. Check for approximately 3.15 volts on Channel 40.
Input of oscilloscope to TP2 (IC902 Pin 6).	Ch. 19, AM	T901	Adjust for maximum RF and squarest waveshape (5V p-p typical). (See Figure 4.)
Input of frequency counter to TP2 (IC902 Pin 6).	Ch. 1, AM Clarifier Midrange		Check for .835MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP2 (IC902 Pin 6).	Ch. 1, USB Clarifier Midrange		Check for .8299MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP2 (IC902 Pin 6).	Ch. 1; LSB Clarifier Midrange		Check for .8349MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of oscilloscope to TP3 (Junction of C112 and C527).	Ch. 19, AM	L902, L801	Adjust for maximum RF (125mV p-p typical). (See Figure 5.)
Input of frequency counter to TP3 (Junction of C112 and C527).	Ch. 1, AM Clarifier Midrange		Check for 19.1650MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP3 (Junction of C112 and C527).	Ch. 1, USB Clarifier Midrange		Check for 19.1675MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP3 (Junction of C112 and C527).	Ch. 1, LSB Clarifier Midrange		Check for 19.1625MHz. Check all channels. (See Truth Chart for correct frequencies.)
Input of frequency counter to TP4 (Free end of R001 at Emitter of Q704).	Ch. 19, USB	L703	Adjust for 7.7975MHz.
Input of frequency counter to TP4 (Free end of R001 at Emitter of Q704).	Ch. 19, LSB	CV701	Adjust for 7.8025MHz.
Input of frequency counter to antenna input.	Ch. 1, AM XMT	VR801	Adjust for 26.965MHz. Check all channels. (See page 4 for channel 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. Preset controls as follows, unless otherwise noted:
RF Gain Maximum, Clarifier Midrange, Squelch MINIMUM, Ch. 9 Off, NB Off, Scan Off.

TEST EQUIPMENT	TRANSCIEVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP5 (Q102 Gate). 7.8MHz, no modulation.	Ch. 19, USB	T401,T203, T202,T201, T104,T103	Adjust for maximum output.
Output of signal generator thru .01uF to antenna input. 27.186MHz, no modulation.	Ch. 19, USB	T102,T101, L103	Adjust for maximum output. Readjust T103, T104, T201, T202, T203 and T401 for maximum.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Input of oscilloscope to TP6 (Q301 Base).	Ch. 19, AM	L301,T301, T302,T303	Set generator output for 10db signal to noise plus noise ratio of receiver. Inject a 100pps, 1uSec. pulse width signal at antenna input. Switch noise blanker on and adjust for maximum pulse amplitude. (See Figure 2.)
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Input of oscilloscope to TP7 (Q302 Base).	Ch. 19, AM	T304	Set generator output for 10db signal to noise plus noise ratio of receiver. Inject a 100pps, 1uSec. pulse width signal at antenna input. Switch noise blanker on and adjust for maximum pulse amplitude. (See Figure 3.)

SBE MODEL SBE-39CB (SIDEBAND V)

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Preset controls as follows, unless otherwise noted:
RF Gain Maximum, Clarifier Midrange, Squelch MINIMUM, Ch. 9 Off, NB Off, Scan Off.

TEST EQUIPMENT	TRANSCIEVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output .5uV.	Ch. 19 Volume Maximum	VR402	AGC Adjust for 2.00 volts rms (.5 watts) audio output.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output	Ch. 19 Squelch Maximum	VR401	SQUELCH RANGE Adjust so squelch just breaks.
Output of signal generator thru .01uF to antenna input. 27.185MHz, 1000Hz @ 30% modulation. Output 100uV.	Ch. 19	VR201	S METER Adjust for 9 on S scale of meter.

TRANSMITTER ALIGNMENT

Connect a 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	TRANSCIEVER	ADJUST	REMARKS
Input of RF wattmeter to antenna input.	Ch. 19, AM XMT	T503,T502, T501,L507	Adjust for maximum RF output.
Input of RF wattmeter to antenna input.	Ch. 19, AM XMT	L505,L502	Adjust for 4.0 watts RF output maximum.
Input of spectrum analyzer or harmonic meter to antenna input.	Ch. 19, AM XMT	CV101	Adjust for MINIMUM at 54MHz (2nd harmonic).
Output of signal generator thru .01uF to TP8 (Q504 Base). 15.600MHz, no modulation.	UNIT OFF	L509	Adjust for MINIMUM RF.
Input of oscilloscope to TP8 (Q504 Base).			

TRANSMITTER ADJUSTMENTS

Connect a 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	TRANSCIEVER	ADJUST	REMARKS
Input of RF wattmeter to antenna input. No modulation input.	Ch. 19, USB XMT	VR702,VR701	CARRIER BALANCE Adjust for MINIMUM RF output.
Input of oscilloscope to TP9 (Junction of D3 and C11 on Mic Compressor Board). Inject a 1000Hz, 10mV audio signal at Mic input.	Ch. 19, AM Rec	R4	COMPRESSOR GAIN Adjust for maximum amplitude and MINIMUM distortion.
Input of oscilloscope to TP10 (Junction of D701 and C701). Inject a 1000Hz, 10mV audio signal at Mic input.	Ch. 19, AM Rec	R13	COMPRESSOR LEVEL Adjust for 40mV audio output.
Input of RF wattmeter to antenna input. Inject a two-tone, 10mV audio signal at Mic input.	Ch. 19, USB XMT	VR302	SSB ALC Adjust for 12.0 watts PEP RF output.
Input of oscilloscope or modulation meter to antenna input. Inject a 1000Hz, 100mV audio signal at Mic input.	Ch. 19, AM XMT	VR803	AM AMC Adjust for 100% modulation maximum. (See Figure 1.)
Input of RF wattmeter to antenna input.	Ch. 19, AM XMT	VR301	RFO METER At 4.0 watts RF output, adjust so RFO meter agrees with RF wattmeter.

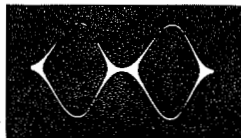


FIG. 1

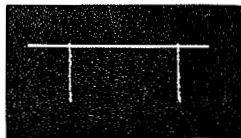


FIG. 2

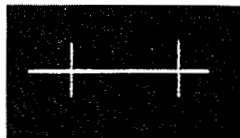


FIG. 3

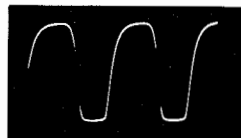


FIG. 4

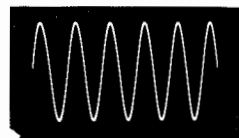
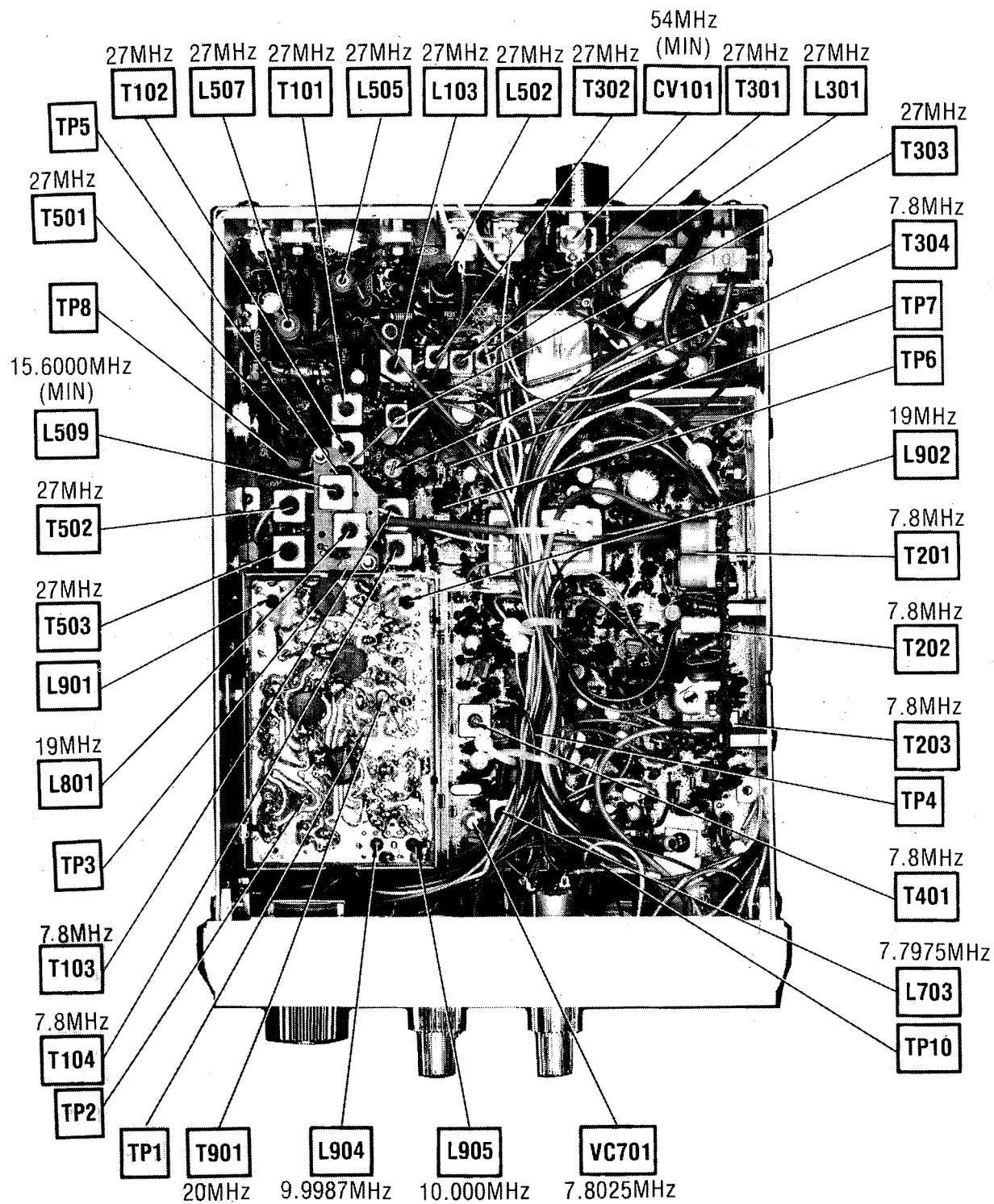


FIG. 5

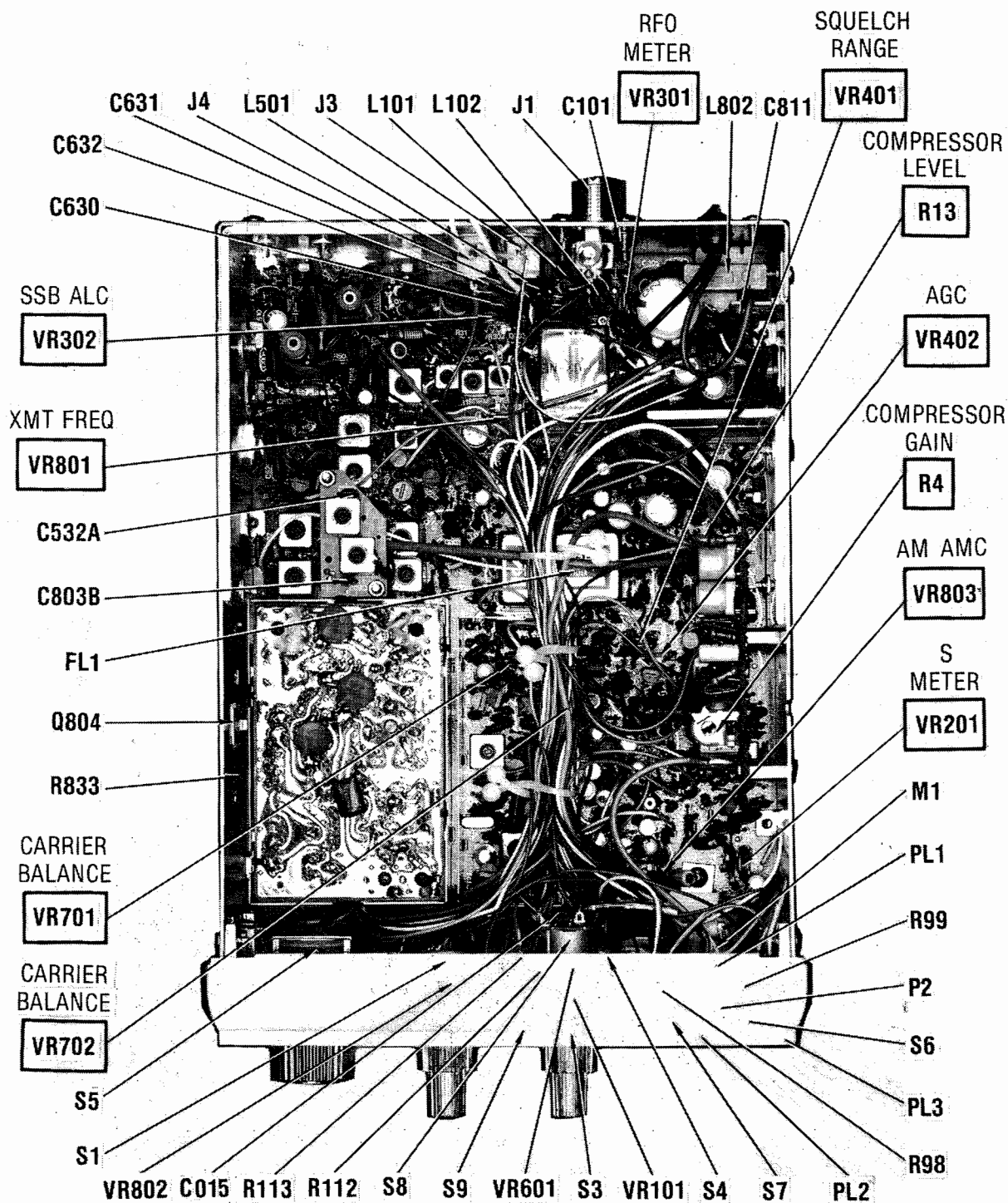
TRUTH CHART

CHANNEL	1 = 5.50 Volts 0 = 0 Volts								AM REC DIVIDER INPUT IN MHz AT TP2	AM REC AND XMT VCO OUTPUT IN MHz AT TP3	USB DIVIDER INPUT IN MHz AT TP2	USB REC AND XMT VCO OUTPUT IN MHz AT TP3	LSB REC AM XMT DIVIDER INPUT IN MHz AT TP2	LSB REC AND XMT VCO OUTPUT IN MHz AT TP3
	CHANNEL INPUT CODES													
	IC901 PINS				IC902 PINS									
	4	5	6	7	2	8	14	11						
1	1	0	1	0	0	0	1	1	.835	19.165	.8299	19.1675	.8349	19.1625
2	1	0	1	0	0	0	1	0	.825	19.175	.8199	19.1775	.8249	19.1725
3	1	0	1	0	0	0	0	1	.815	19.185	.8099	19.1875	.8149	19.1825
4	1	0	0	1	1	0	1	1	.795	19.205	.7899	19.2075	.7949	19.2025
5	1	0	0	1	1	0	1	0	.785	19.215	.7799	19.2175	.7849	19.2125
6	1	0	0	1	1	0	0	1	.775	19.225	.7699	19.2275	.7749	19.2225
7	1	0	0	1	1	0	0	0	.765	19.235	.7599	19.2375	.7649	19.2325
8	1	0	0	1	0	0	1	0	.745	19.255	.7399	19.2575	.7449	19.2525
9	1	0	0	1	0	0	0	1	.735	19.265	.7299	19.2675	.7349	19.2625
10	1	0	0	1	0	0	0	0	.725	19.275	.7199	19.2775	.7249	19.2725
11	1	0	0	0	1	0	1	1	.715	19.285	.7099	19.2875	.7149	19.2825
12	1	0	0	0	1	0	0	1	.695	19.305	.6899	19.3075	.6949	19.3025
13	1	0	0	0	1	0	0	0	.685	19.315	.6799	19.3175	.6849	19.3125
14	1	0	0	0	0	0	1	1	.675	19.325	.6699	19.3275	.6749	19.3225
15	1	0	0	0	0	0	1	0	.665	19.335	.6599	19.3375	.6649	19.3325
16	1	0	0	0	0	0	0	0	.645	19.355	.6399	19.3575	.6449	19.3525
17	0	1	0	1	1	0	1	1	.635	19.365	.6299	19.3675	.6349	19.3625
18	0	1	1	1	1	0	1	0	.625	19.375	.6199	19.3775	.6249	19.3725
19	0	1	1	1	1	0	0	1	.615	19.385	.6099	19.3875	.6149	19.3825
20	0	1	1	1	0	0	1	1	.595	19.405	.5899	19.4075	.5949	19.4025
21	0	1	1	1	0	0	1	0	.585	19.415	.5799	19.4175	.5849	19.4125
22	0	1	1	1	0	0	0	1	.575	19.425	.5699	19.4275	.5749	19.4225
23	0	1	1	0	1	0	1	0	.545	19.455	.5399	19.4575	.5449	19.4525
24	0	1	1	1	0	0	0	0	.565	19.435	.5599	19.4375	.5649	19.4325
25	0	1	1	0	1	0	1	1	.555	19.445	.5499	19.4475	.5549	19.4425
26	0	1	1	0	1	0	0	1	.535	19.465	.5299	19.4675	.5349	19.4625
27	0	1	1	0	1	0	0	0	.525	19.475	.5199	19.4775	.5249	19.4725
28	0	1	1	0	0	0	1	1	.515	19.485	.5099	19.4875	.5149	19.4825
29	0	1	1	0	0	0	1	0	.505	19.495	.4999	19.4975	.5049	19.4925
30	0	1	1	0	0	0	0	1	.495	19.505	.4899	19.5075	.4949	19.5025
31	0	1	1	0	0	0	0	0	.485	19.515	.4799	19.5175	.4849	19.5125
32	0	1	0	1	1	0	1	1	.475	19.525	.4699	19.5275	.4749	19.5225
33	0	1	0	1	1	0	1	0	.465	19.535	.4599	19.5375	.4649	19.5325
34	0	1	0	1	1	0	0	1	.455	19.545	.4499	19.5475	.4549	19.5425
35	0	1	0	1	1	0	0	0	.445	19.555	.4399	19.5575	.4449	19.5525
36	0	1	0	1	0	0	1	1	.435	19.565	.4299	19.5675	.4349	19.5625
37	0	1	0	1	0	0	1	0	.425	19.575	.4199	19.5775	.4249	19.5725
38	0	1	0	1	0	0	0	1	.415	19.585	.4099	19.5875	.4149	19.5825
39	0	1	0	1	0	0	0	0	.405	19.595	.3999	19.5975	.4049	19.5925
40	0	1	0	0	1	0	1	1	.395	19.605	.3899	19.6075	.3949	19.6025

SBE MODEL SBE-39CB (SIDE BANDER V)

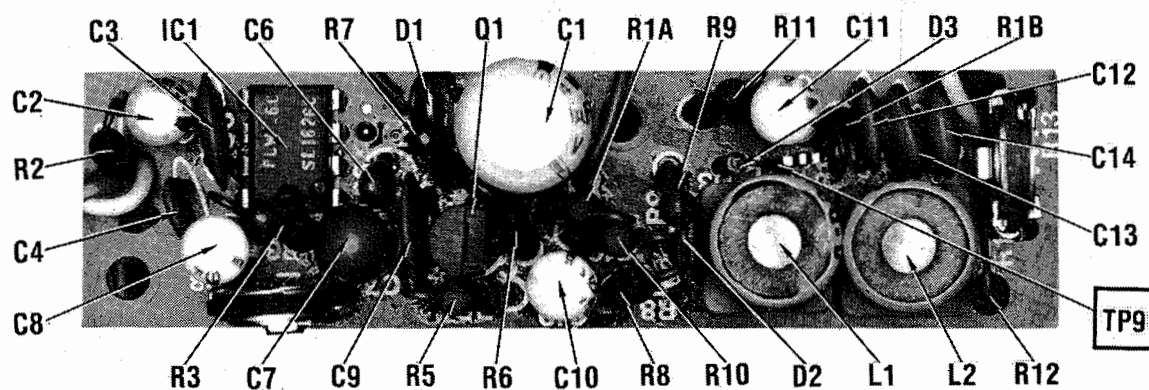
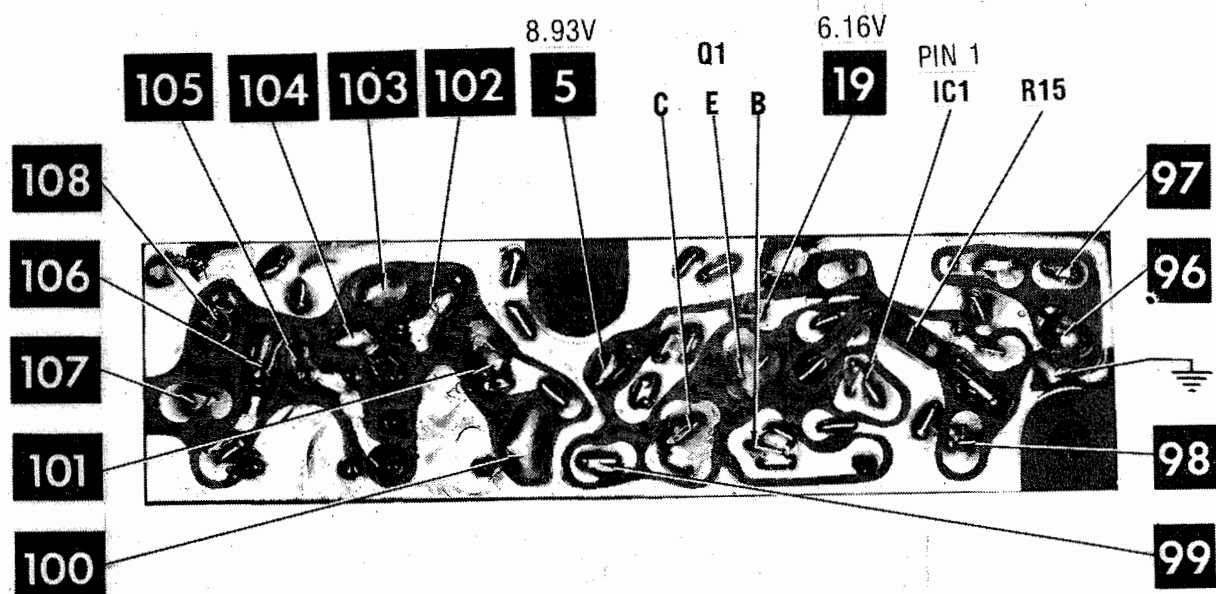


CHASSIS-BOTTOM

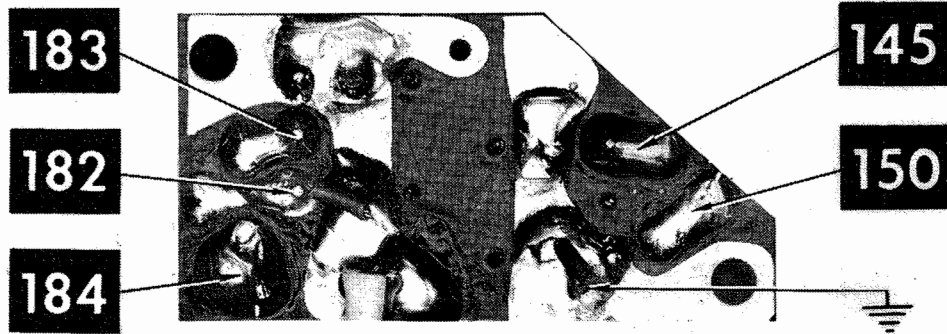


SBE MODEL SBE-39CB (SIDE BANDER V)

CHASSIS-BOTTOM



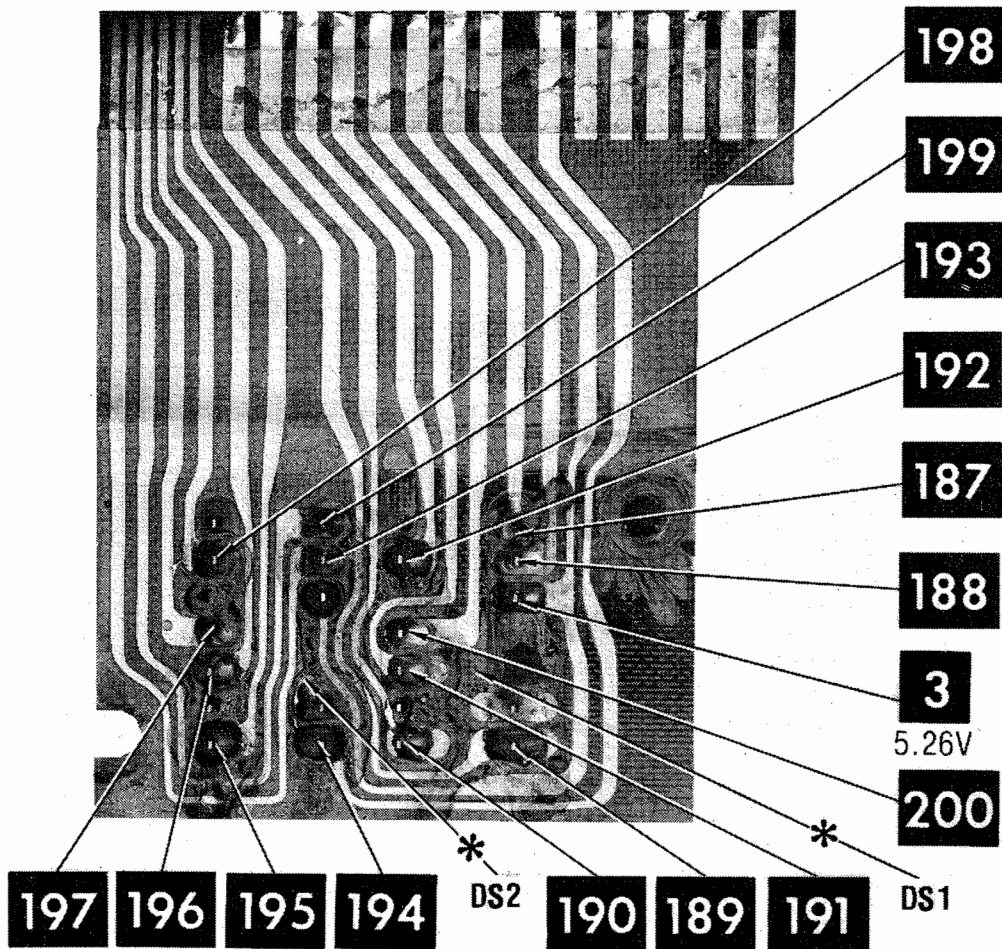
MIC COMPRESSION BOARD



PLL OUTPUT BOARD

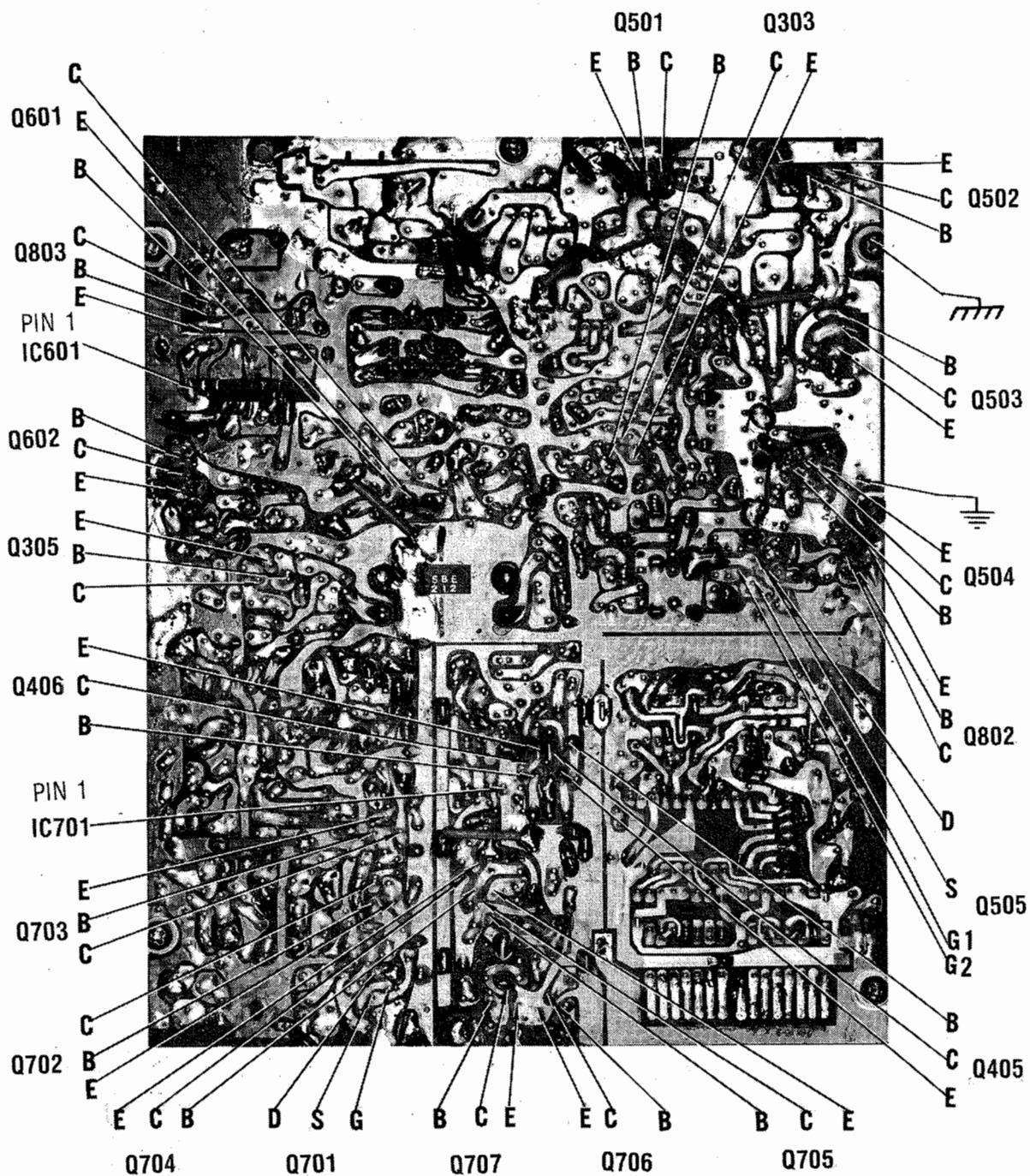
A Howard W. Sams **CIRCUITRACE®** Photo

SBE MODEL SBE-39CB (SIDE BANDER V)

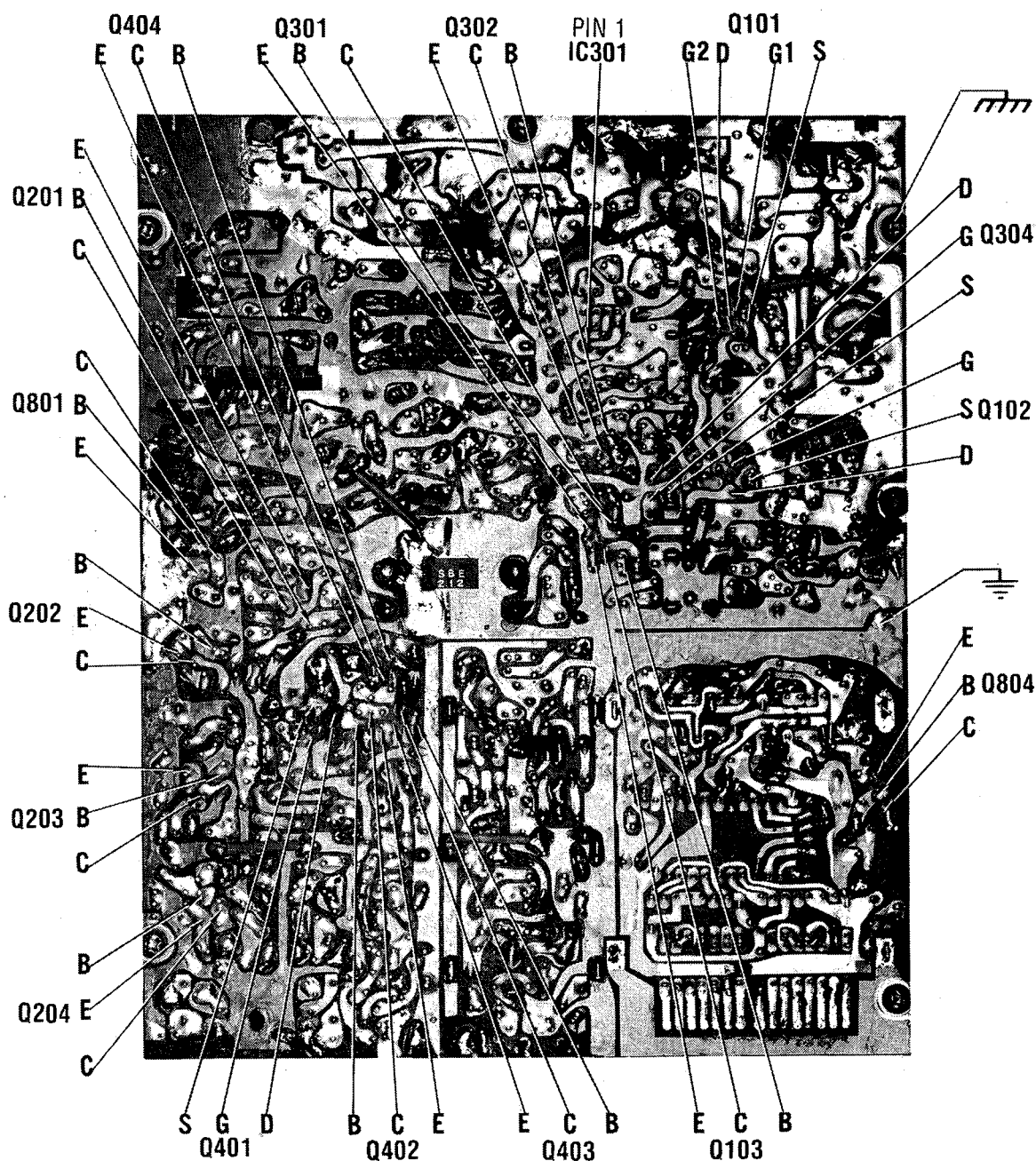


* COMPONENTS LOCATED
ON OTHER SIDE OF BOARD

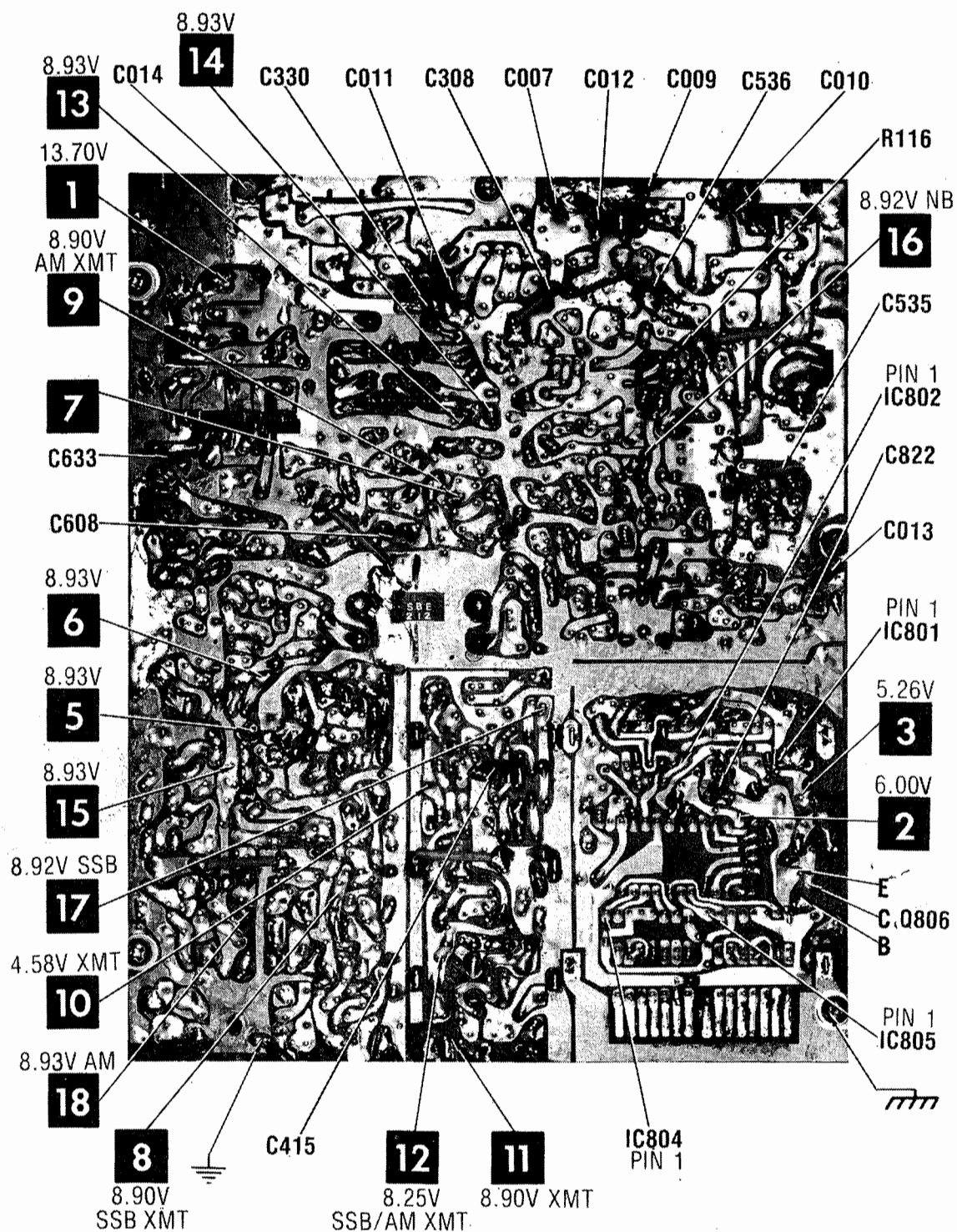
LED READOUT BOARD



MAIN BOARD



MAIN BOARD

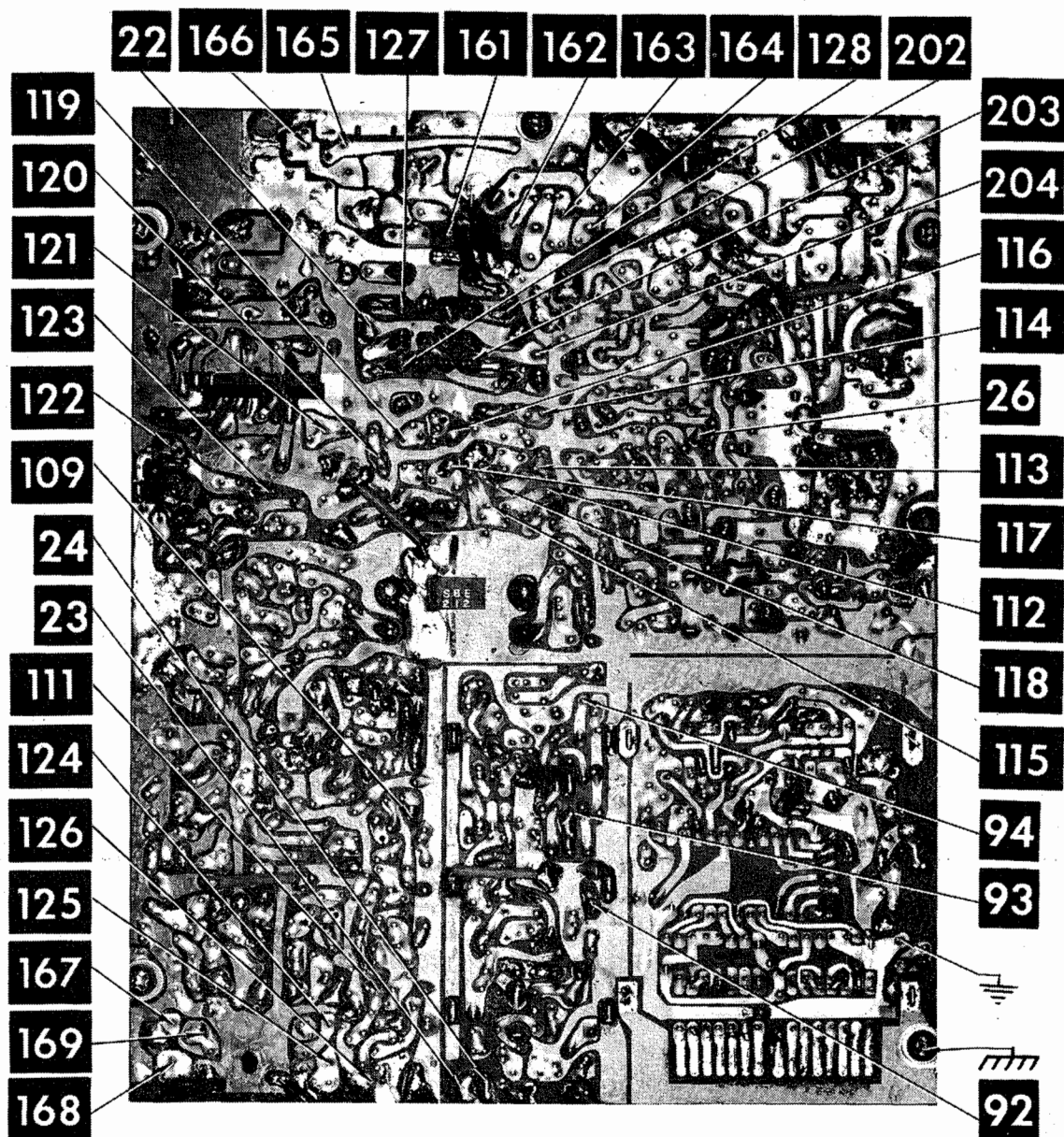


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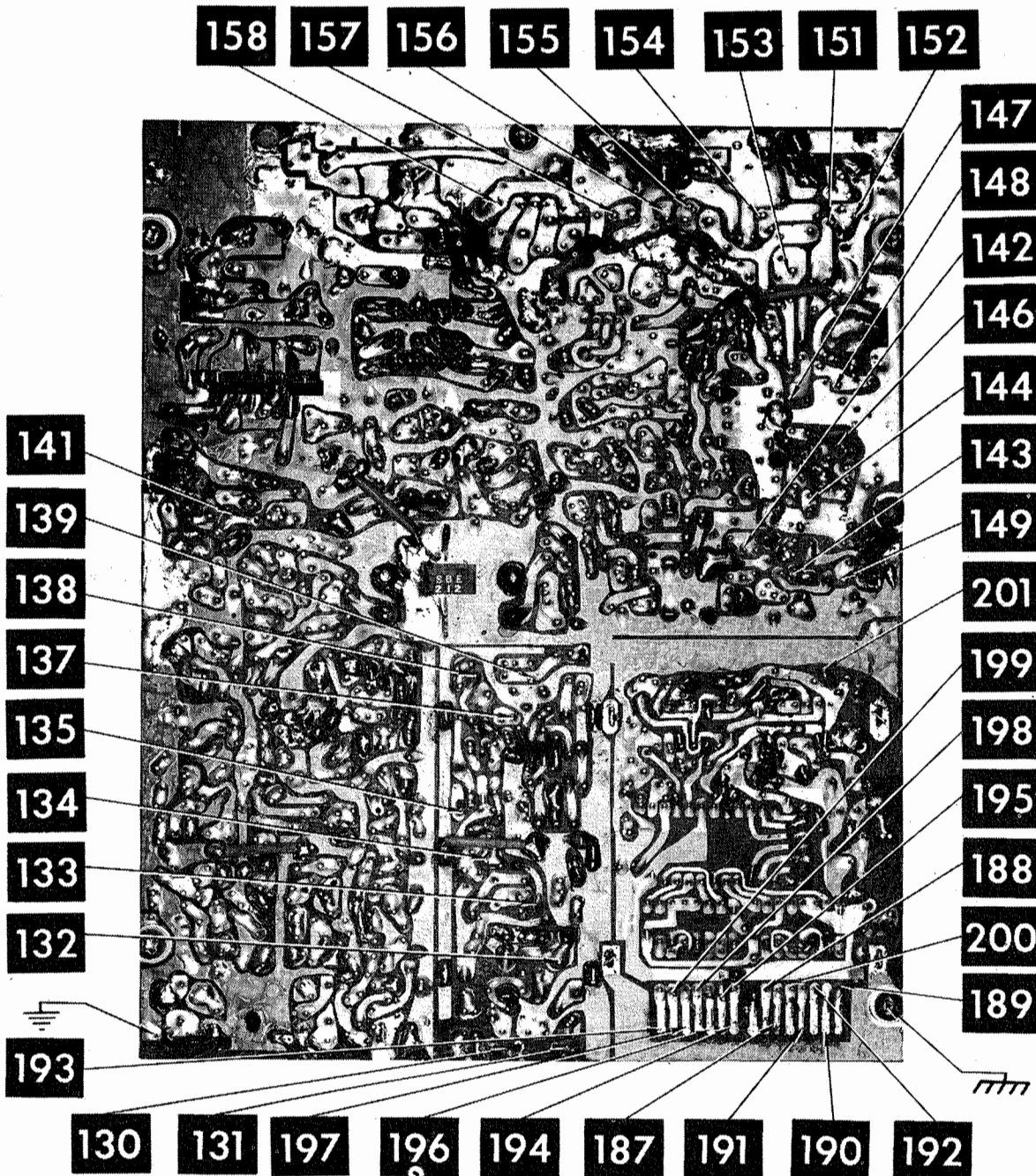


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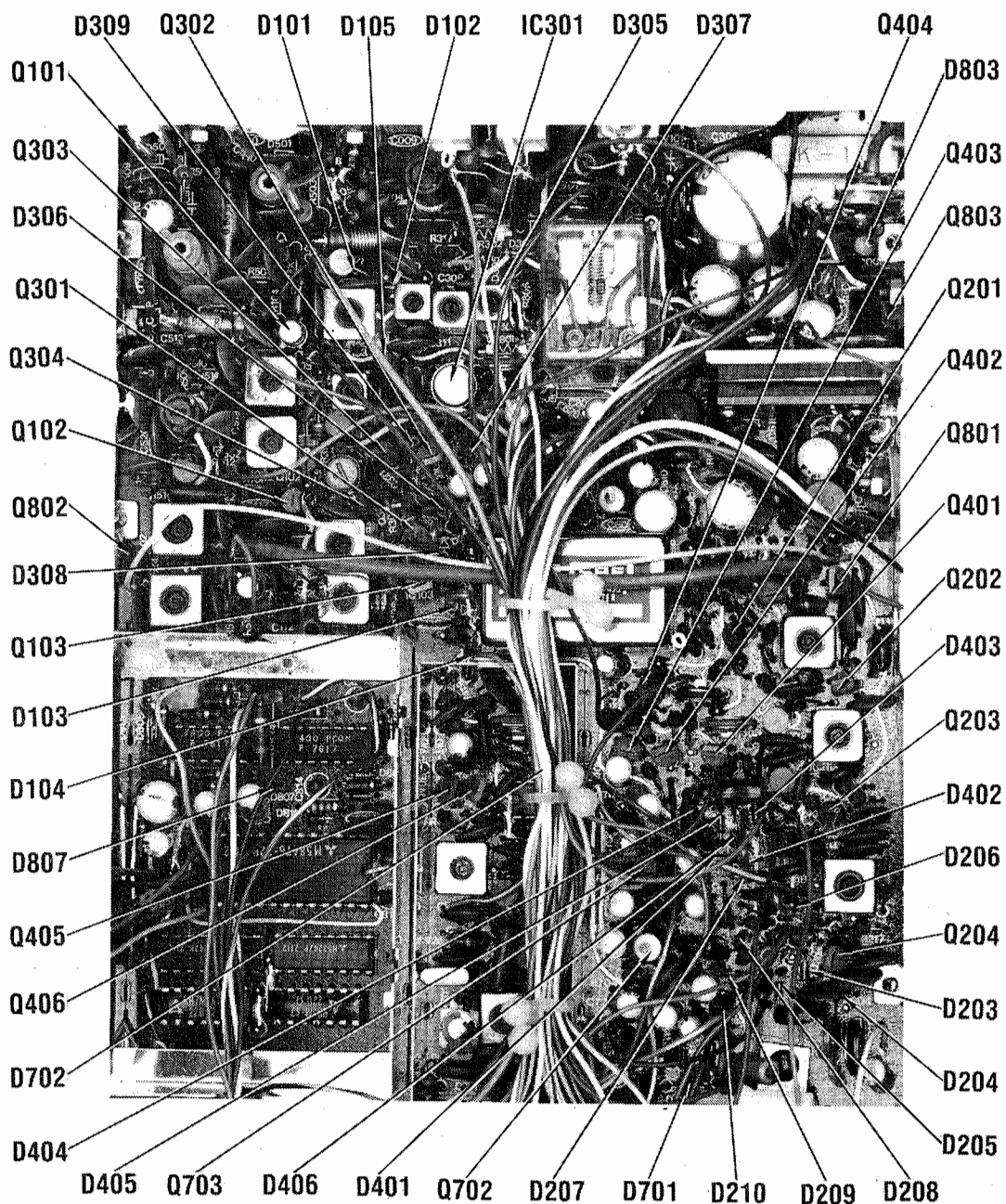


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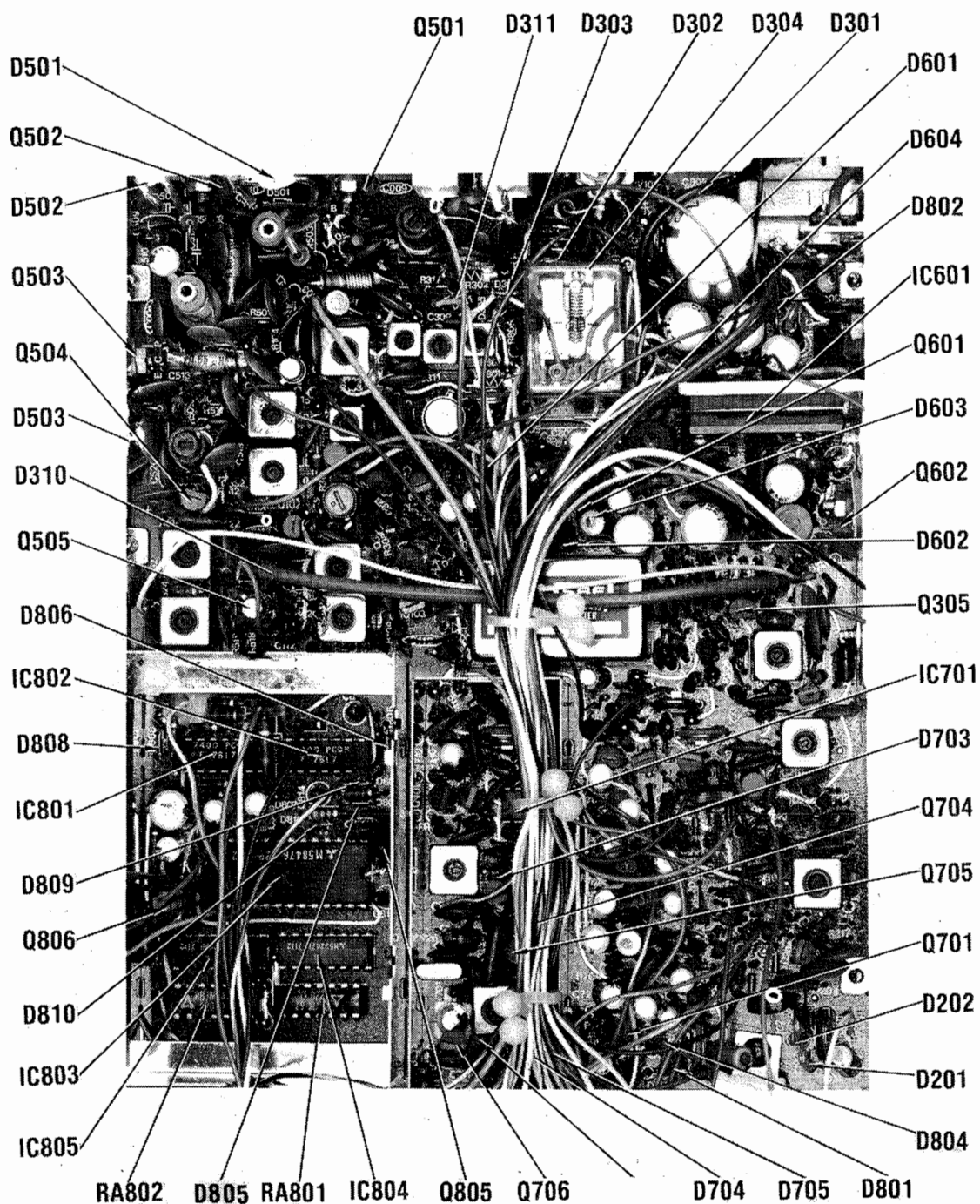


SBE MODEL SBE-39CB (SIDEBANDER V)

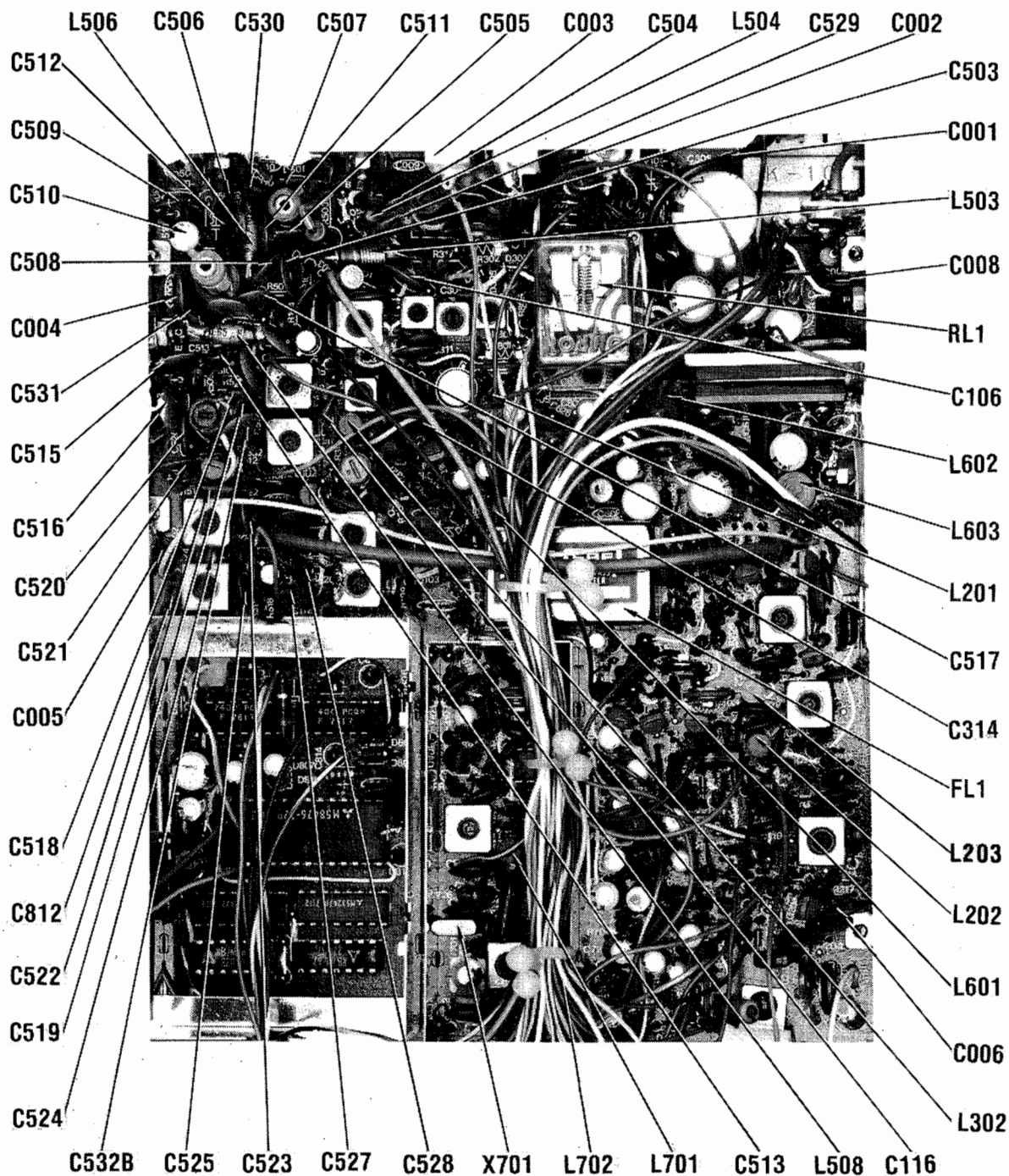
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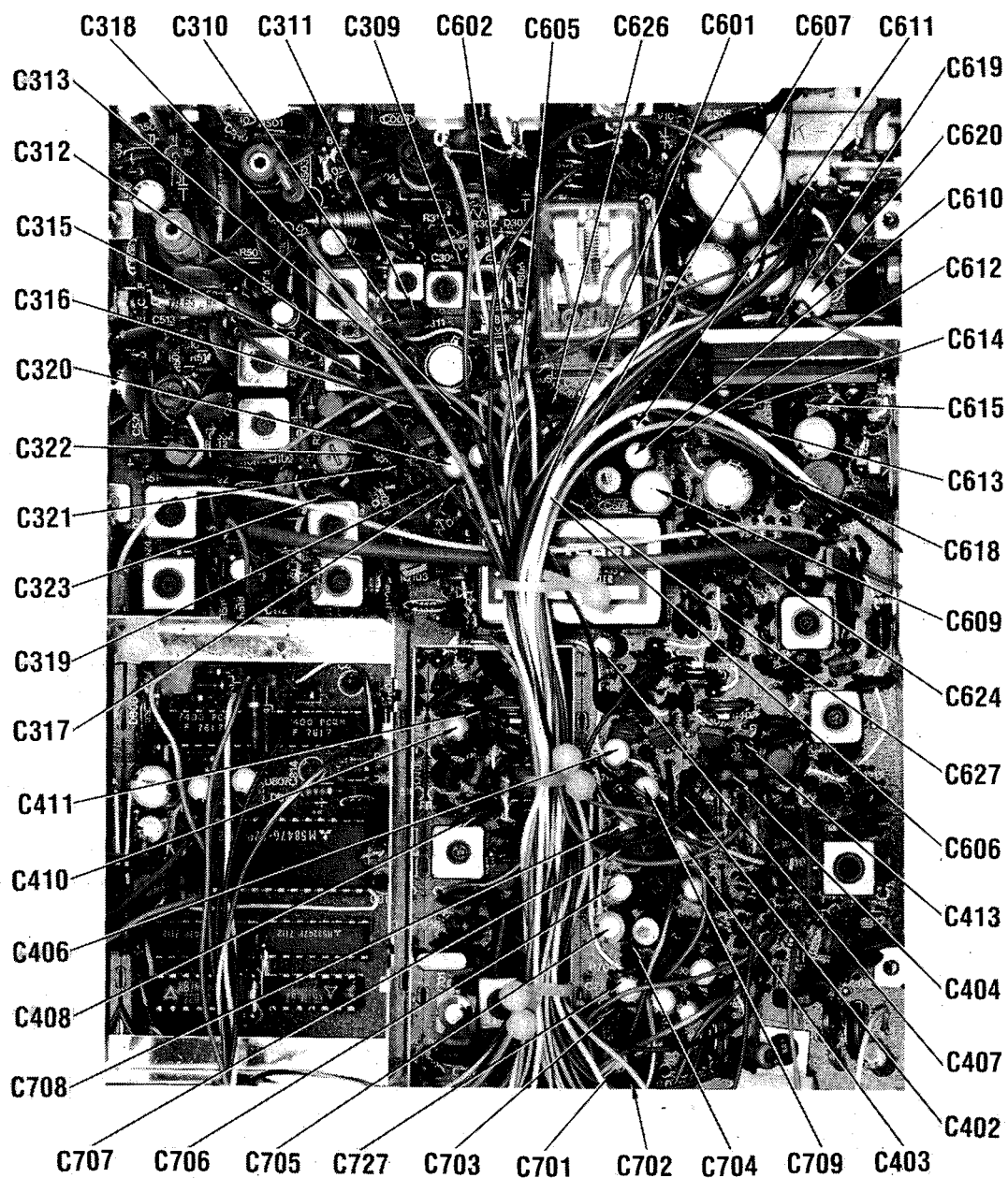
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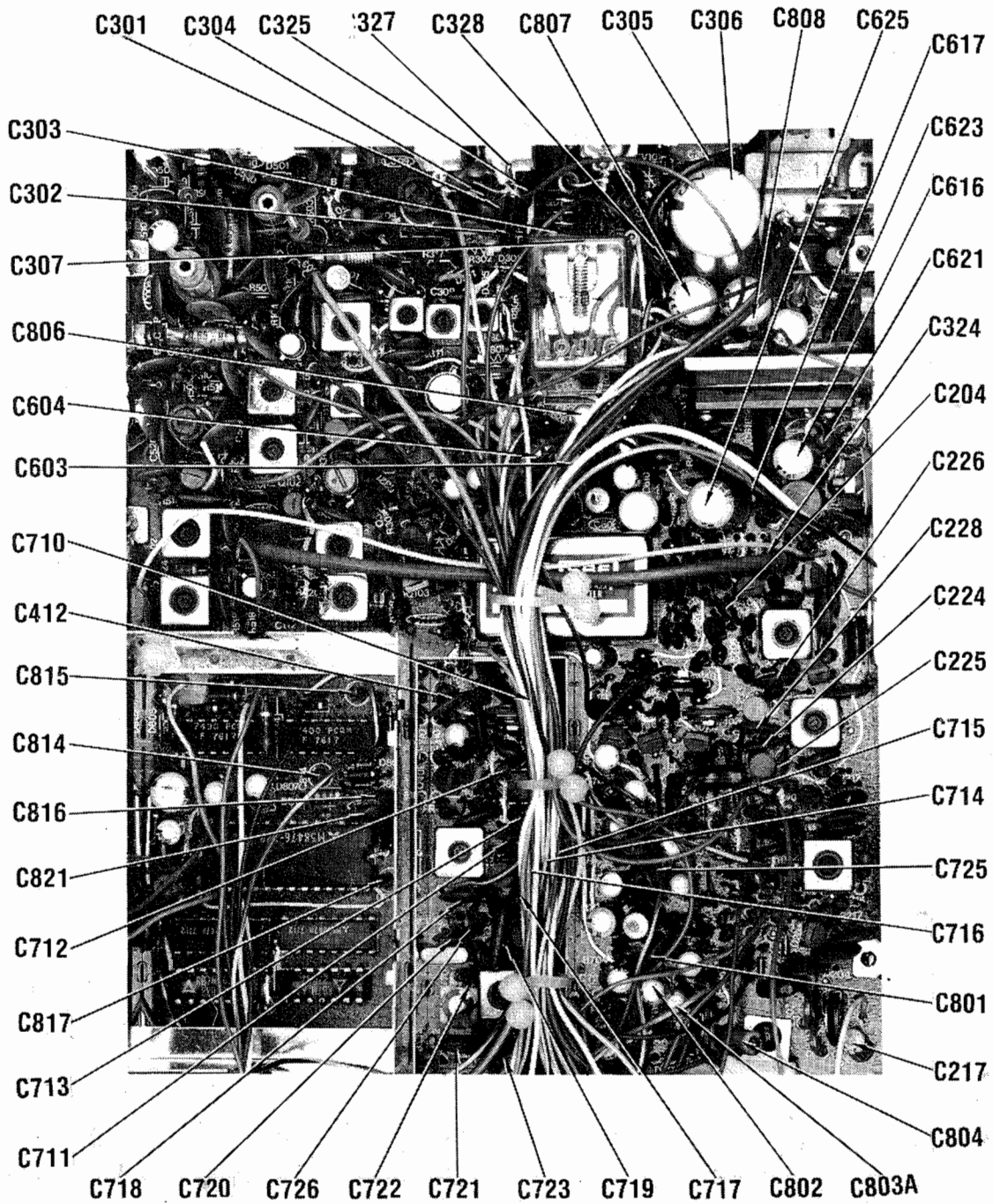
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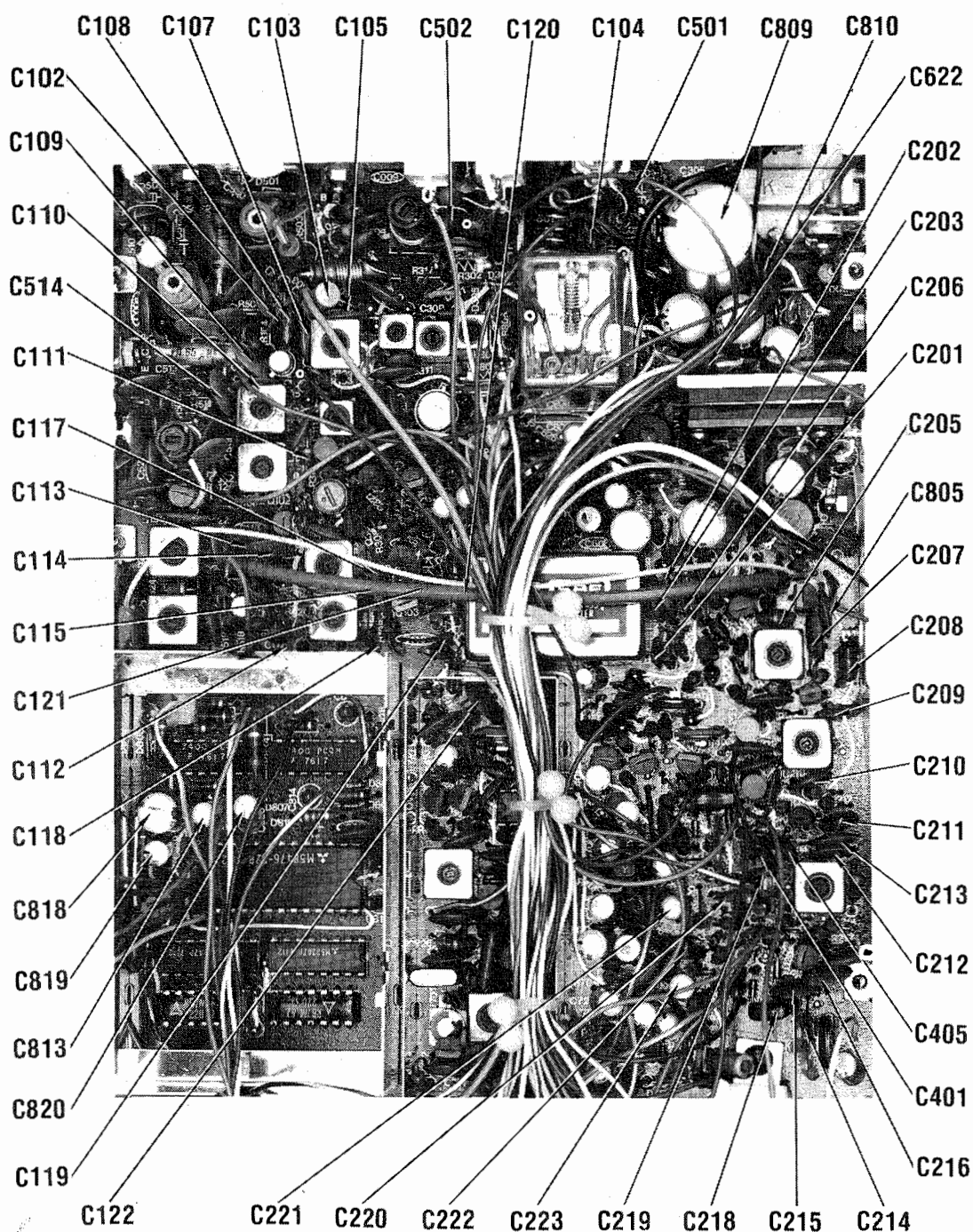
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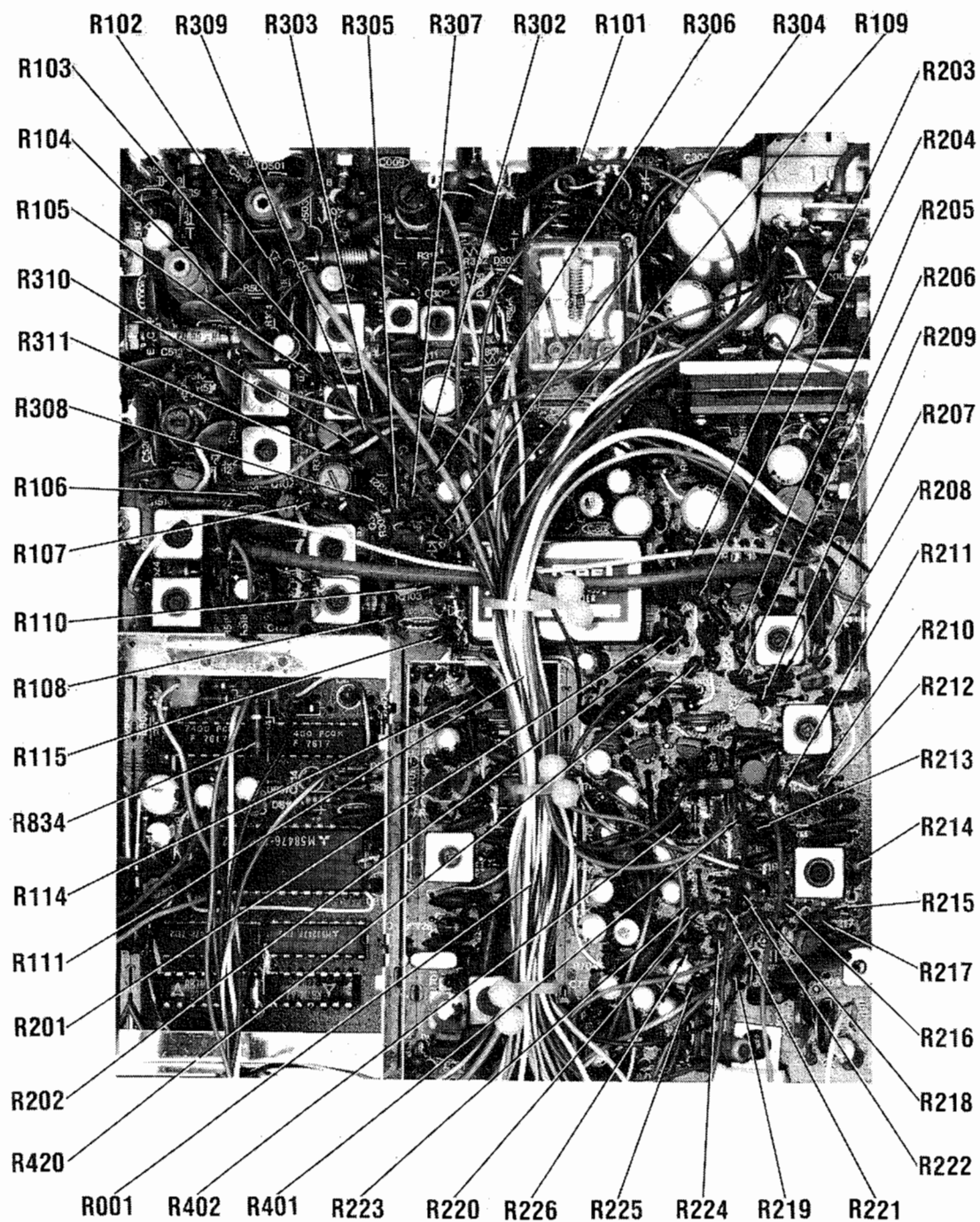
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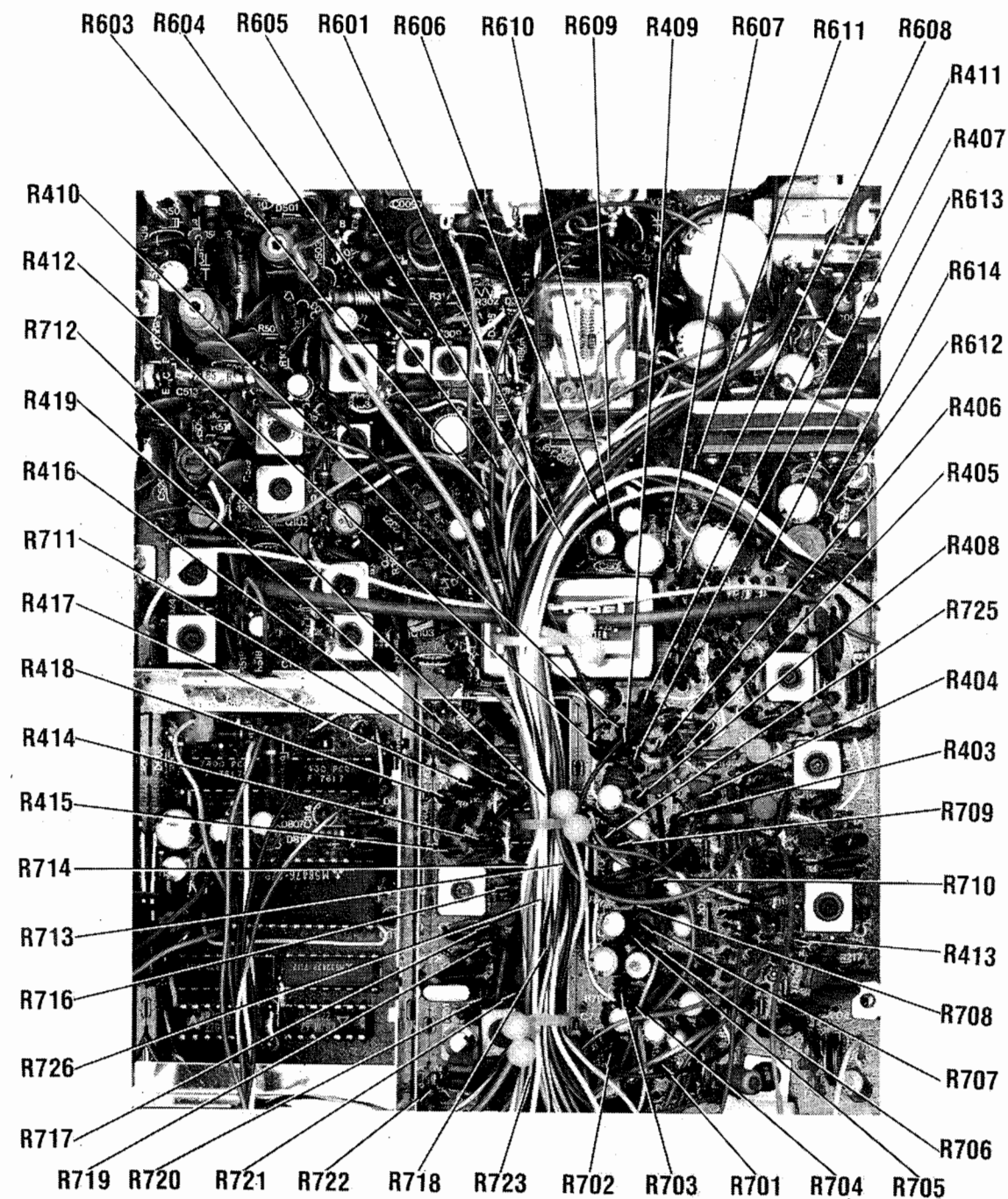
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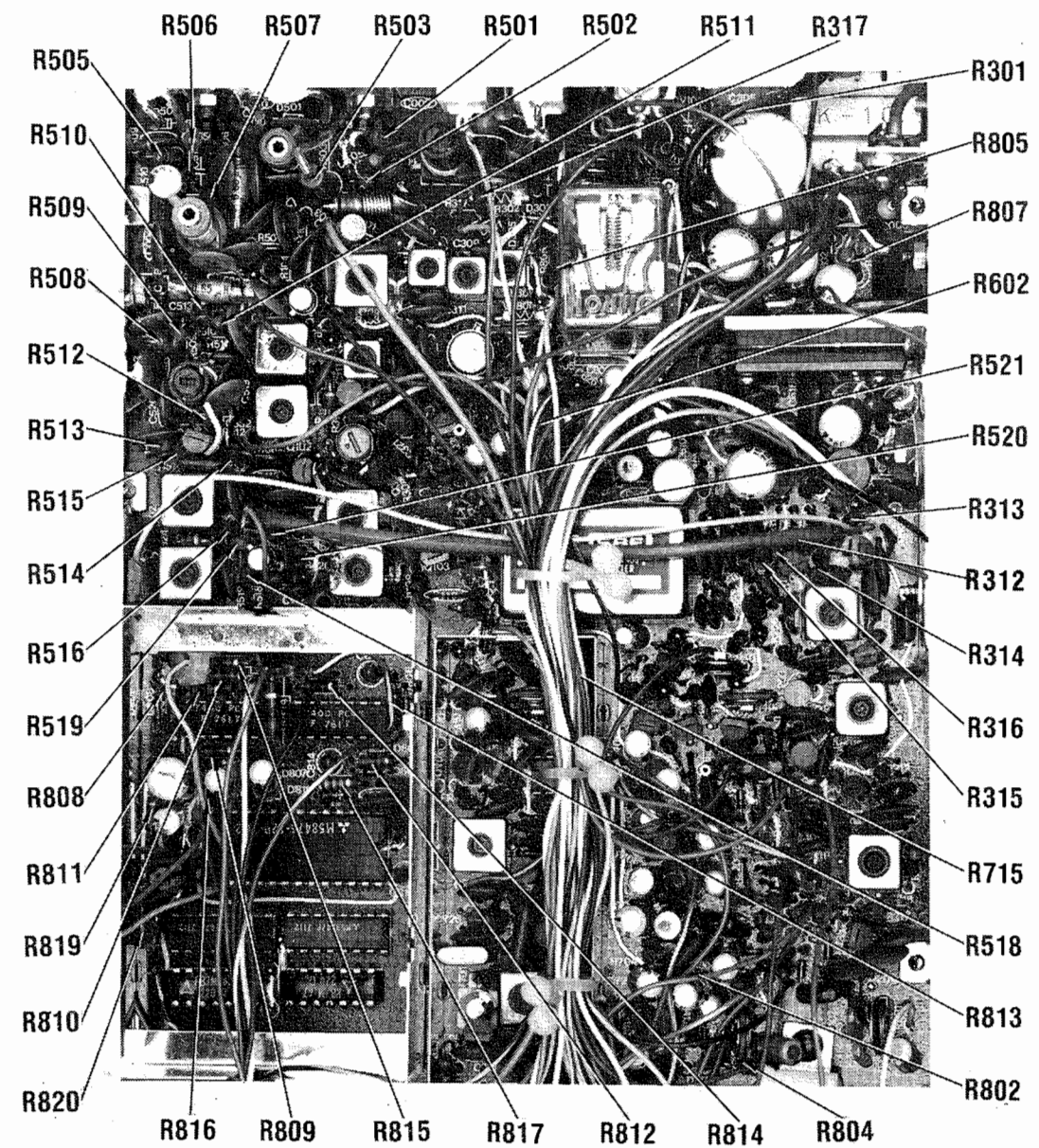
MAIN BOARD



MAIN BOARD

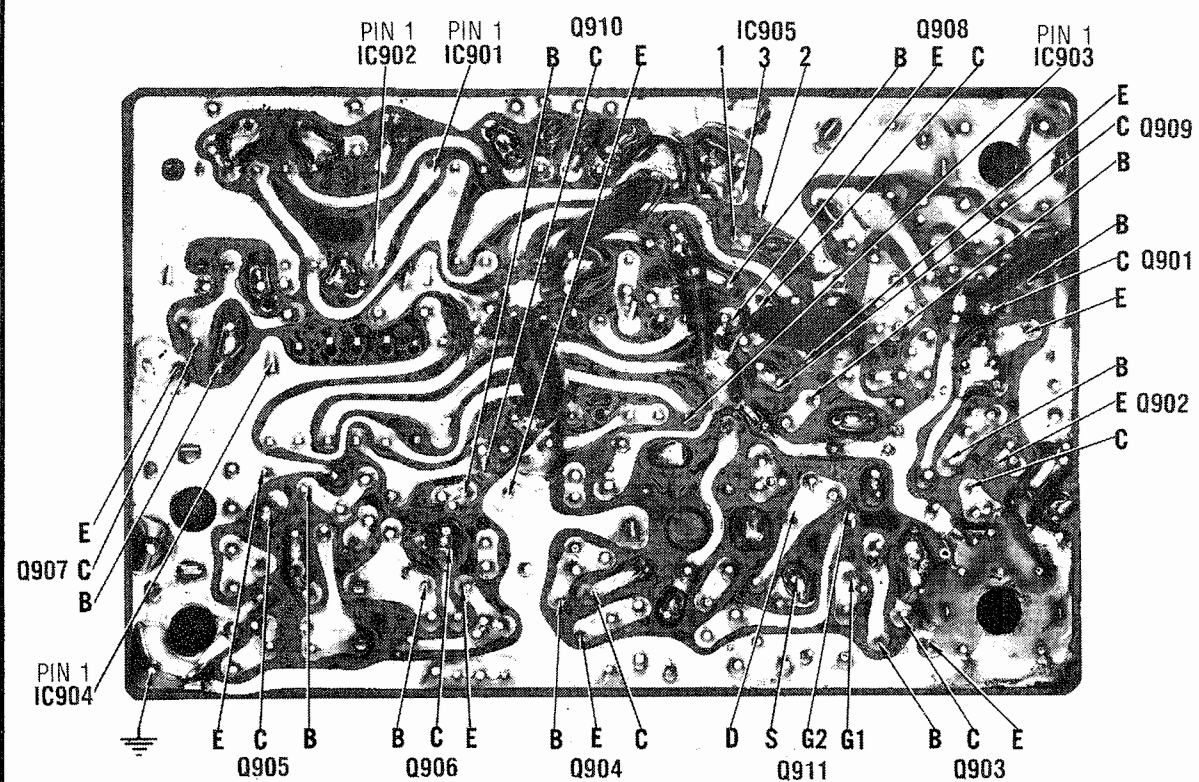
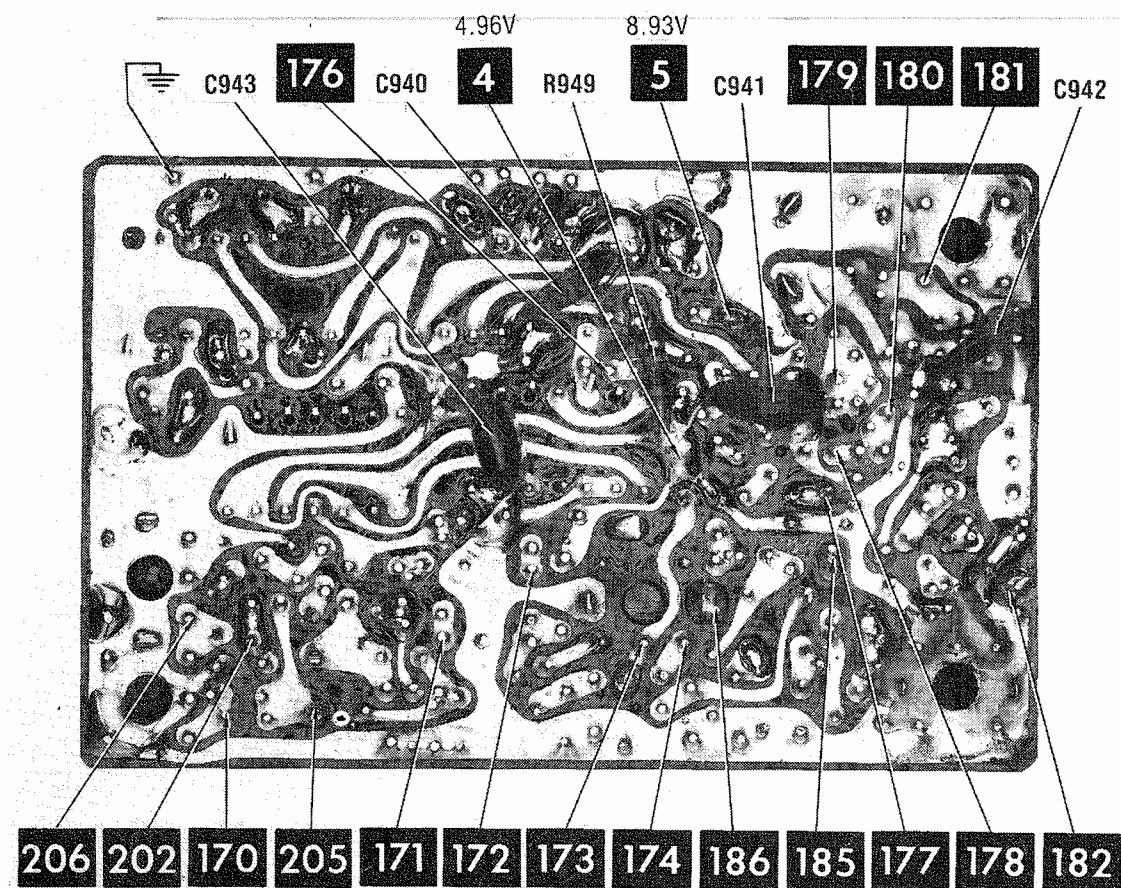


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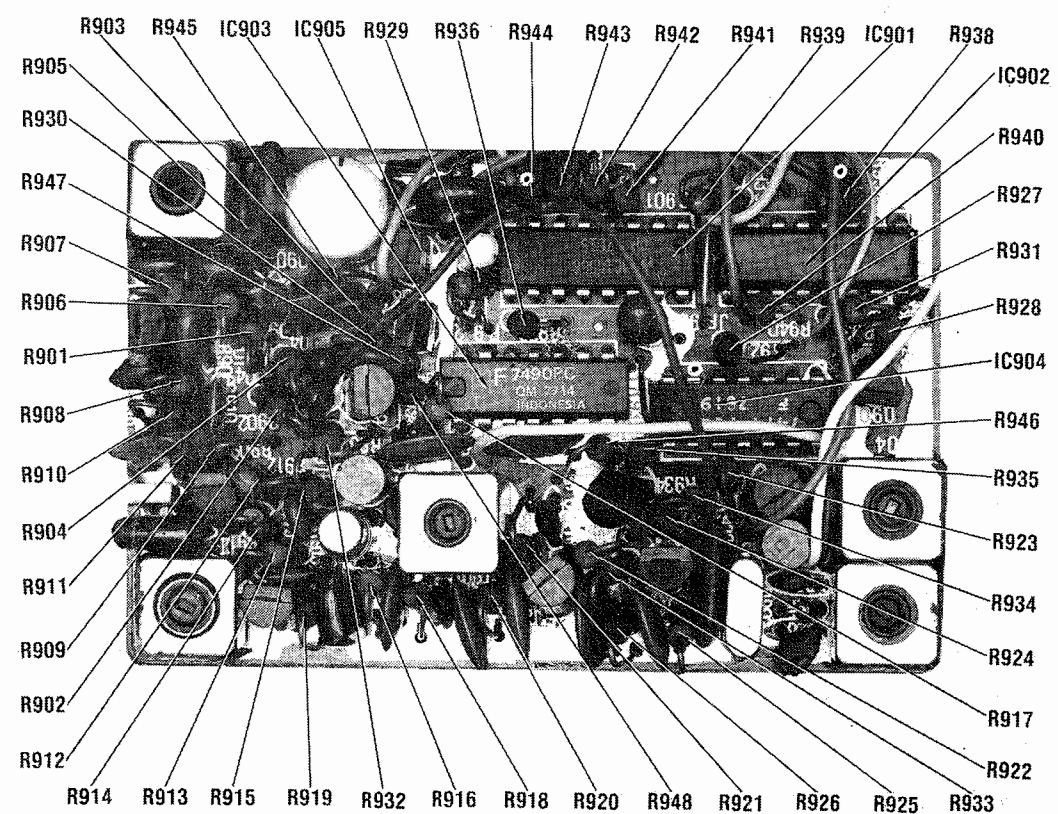
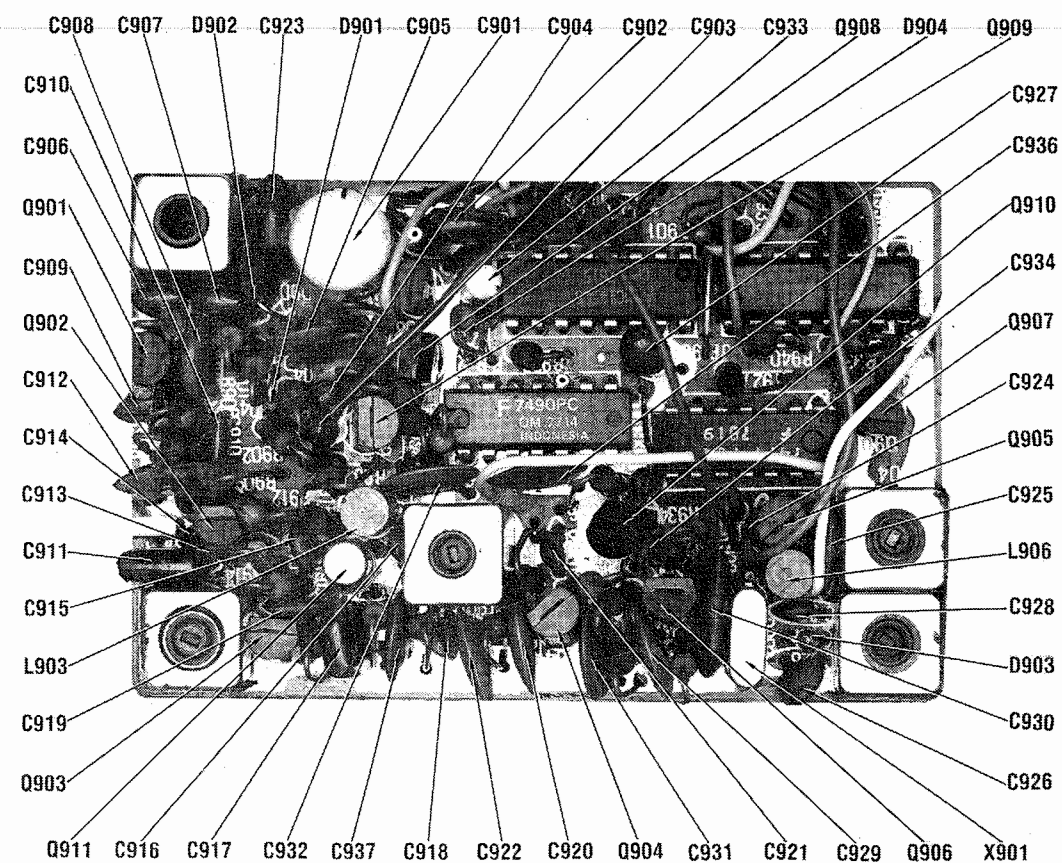


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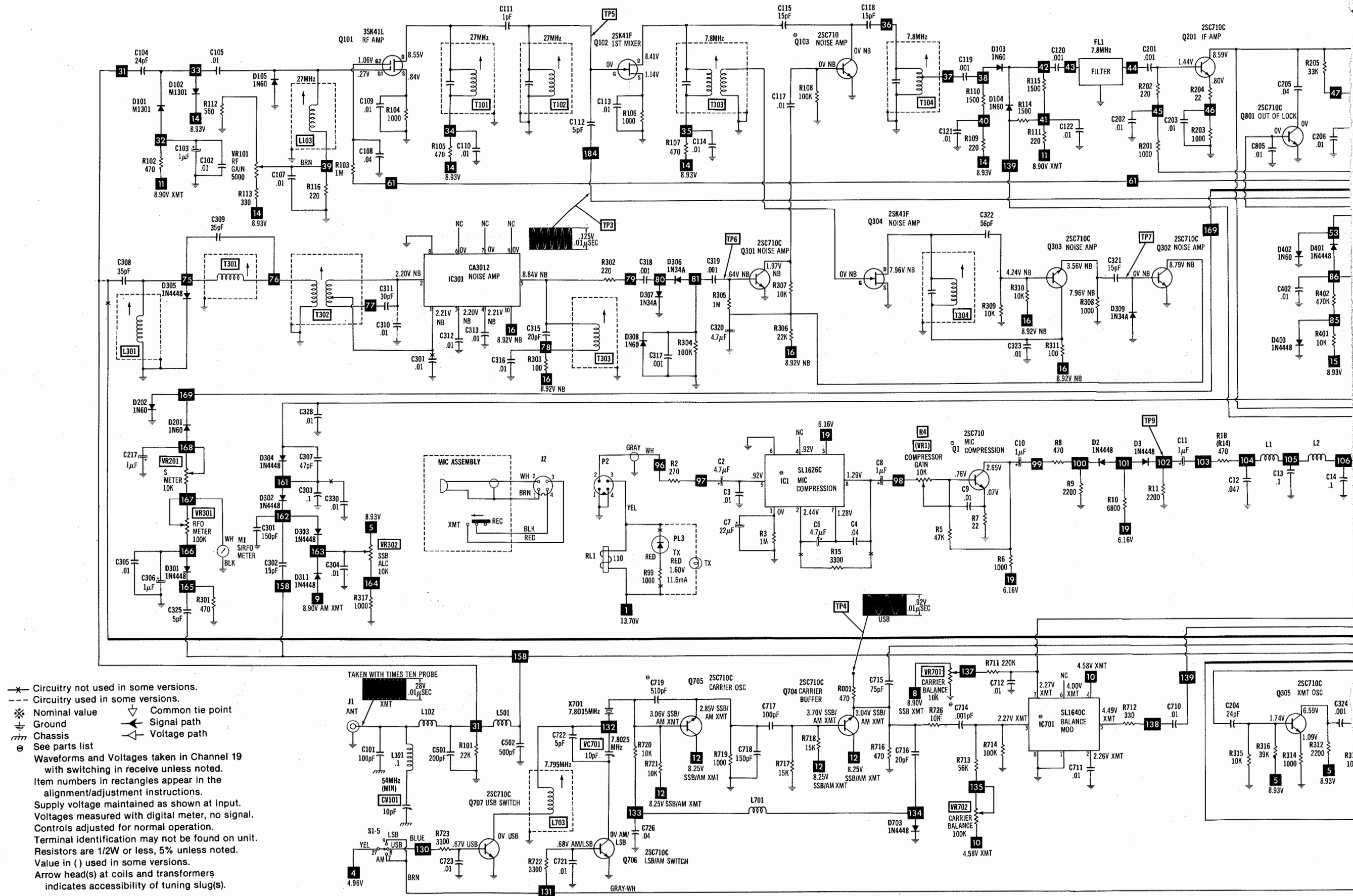




PLL BOARD



PLL BOARD



- Circuitry not used in some versions.
 - Circuitry used in some versions.
 * Nominal value
 Ground
 Chassis
 See parts list
 Waveforms and Voltages taken in Channel 19 with switching in receive 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. Terminal identification may not be found on unit. Resistors are 1/2W or less, 5% unless noted. Value in () used in some versions. Arrow head(s) at coils and transformers indicates accessibility of tuning slug(s).

PARTS LIST AND DESCRIPTION (CONTINUED)

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

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA						
			GENERAL ELECTRIC PART No.	MALLORY PART No.	RAYTHEON PART No.	RCA PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.
D1	W2061	8000-00051-003	GEZD6.2	Z86.2B	REN 137	SK3058	ECG137A	TM137/**	WEP1154
D2	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D3	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D101	MI301	8000-00047-035	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D102	MI301	8000-00047-035	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D103	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D104	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D105	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D201	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D202	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D203	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D204	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D205	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D206	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D207	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D208	1N34A	8000-00004-060	1N34AS	PTC207	REN 109	SK3087	ECG109	TM109/**	WEP134
D209	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D210	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D301	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D302	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D303	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D304	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D305	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D306	1N34A	8000-00004-060	1N34AS	PTC207	REN 109	SK3087	ECG109	TM109/**	WEP134
D307	1N34A	8000-00004-060	1N34AS	PTC207	REN 109	SK3087	ECG109	TM109/**	WEP134
D308	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D309	1N34A	8000-00004-060	1N34AS	PTC207	REN 109	SK3087	ECG109	TM109/**	WEP134
D310	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D311	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D401	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D402	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D403	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D404	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D405	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D406	1N60	8000-00006-007	1N60	PTC206	REN 109	SK3088	ECG109	TM109/**	WEP134
D501	1S990	8000-00004-184	GE-300	PTC214	REN 177	SK3100	ECG177	TM177	WEP1062
D502	1S990	8000-00004-184	GE-300	PTC214	REN 177	SK3100	ECG177	TM177	WEP1062
D503	1S990S	8000-00004-184	GE-300	PTC214	REN 177	SK3100	ECG177	TM177	WEP1062
D601	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D602	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D603	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D604	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D701	1N34A	8000-00004-060	1N34AS	PTC207	REN 109	SK3087	ECG109	TM109/**	WEP134
D702	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D703	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D704	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D705	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D801	1N34A	8000-00004-060	1N34AS	PTC207	REN 109	SK3087	ECG109	TM109/**	WEP134
D802	BZ100	8000-00051-002	GEZD-10	ZB10B	REN 140	SK3061	ECG140A	TM140/**	WEP1110
D803	0058	8000-00011-105	GE-512	PTC204	REN 156	SK3051	ECG156	TM156	WEP4008
D804	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D805	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D806	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D807	W2061	8000-00051-003	GEZD-6.2	Z86.2B	REN 137	SK3058	ECG137A	TM137/**	WEP1154
D808	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D809	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D810	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D901	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
D902	W201	8000-00038-010	GE-514	PTC301	REN 601	SK3463	ECG601	TM601	WEP200
D903	1S2688	8000-00011-166	GE-514	PTC214	REN 614	SK3126	ECG613	TM613	WEP925
D904	1N4448	8000-00042-007	GE-514	PTC214	REN 177	SK3100	ECG519	TM519	WEP925
IC1	SL1626C	8000-00045-004	GEIC-81	PTC747	REN 7400	SK7400	ECG7400	TM7400	WEP7400
IC301	SL1626	8000-00047-005	GEIC-64	PTC747	REN 7400	SK7400	ECG7400	TM7400	WEP7400
IC601	CA3012	8000-00047-004	GEIC-64	PTC747	REN 7400	SK7400	ECG7400	TM7400	WEP7400
IC701	SL1640C	8000-00047-001	GE-7400	PTC747	REN 7400	SK7400	ECG7400	TM7400	WEP7400
IC801	SL1640	8000-00038-004	GE-7400	PTC747	REN 7400	SK7400	ECG7400	TM7400	WEP7400
IC802	7400	8000-00038-004	GE-7400	PTC747	REN 7400	SK7400	ECG7400	TM7400	WEP7400
IC803	M58476	8000-00051-001	GE-7447	PTC747	REN 7400	SK7447	ECG7447	TM7447	WEP7447
IC804	M53247P	8000-00042-053	GE-7447	PTC747	REN 7400	SK7447	ECG7447	TM7447	WEP7447
IC805	M53247P	8000-00042-053	GE-7447	PTC747	REN 7400	SK7447	ECG7447	TM7447	WEP7447
IC901	M14568	8000-00047-002	GE-7490	PTC747	REN 7400	SK7490	ECG7490	TM7490	WEP7490
IC902	M14526	8000-00047-003	GE-7490	PTC747	REN 7400	SK7490	ECG7490	TM7490	WEP7490
IC903	7490PC	8000-00040-011	GE-7474	PTC747	REN 7474	SK7474	ECG7474	TM7474	WEP7474
IC904	SN7474	8000-00038-007	GE-7474	PTC747	REN 7474	SK7474	ECG7474	TM7474	WEP7474
IC905	F78L62W	8000-00047-006	GE-7474	PTC747	REN 7474	SK7474	ECG7474	TM7474	WEP7474

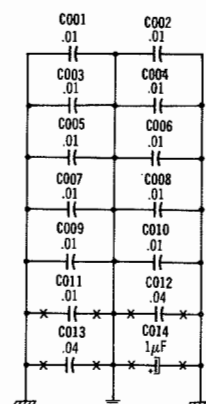
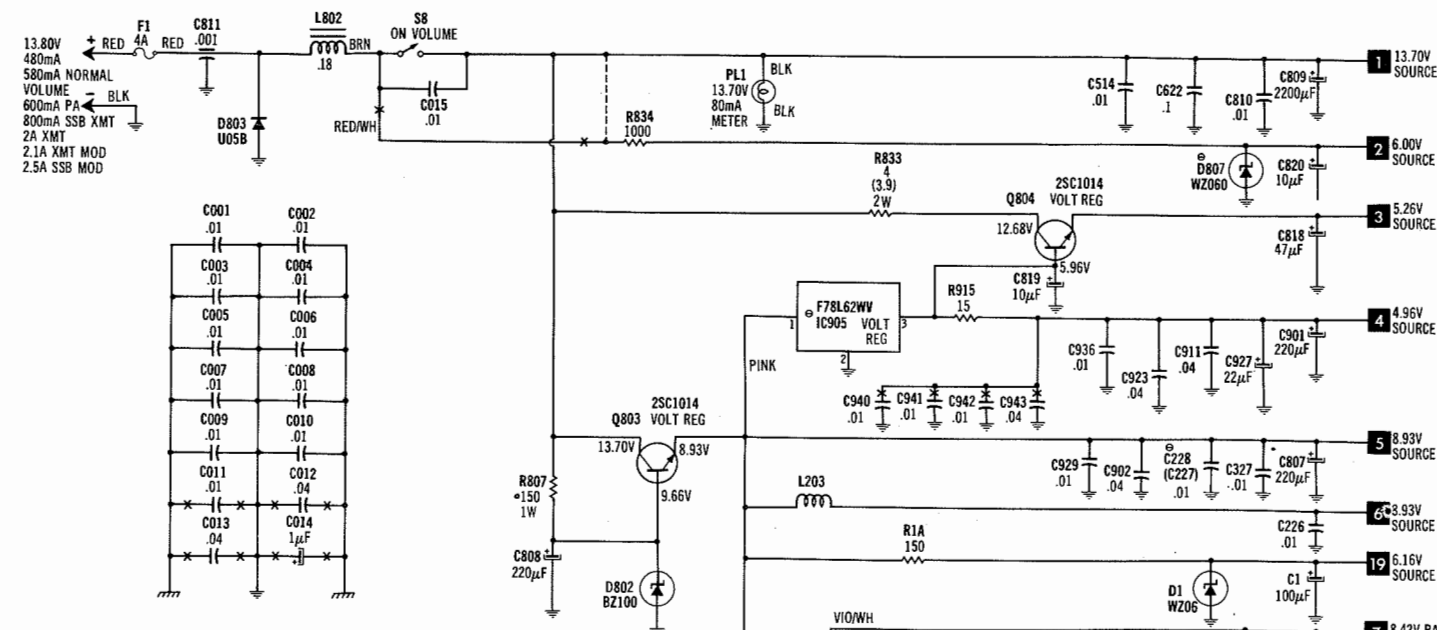
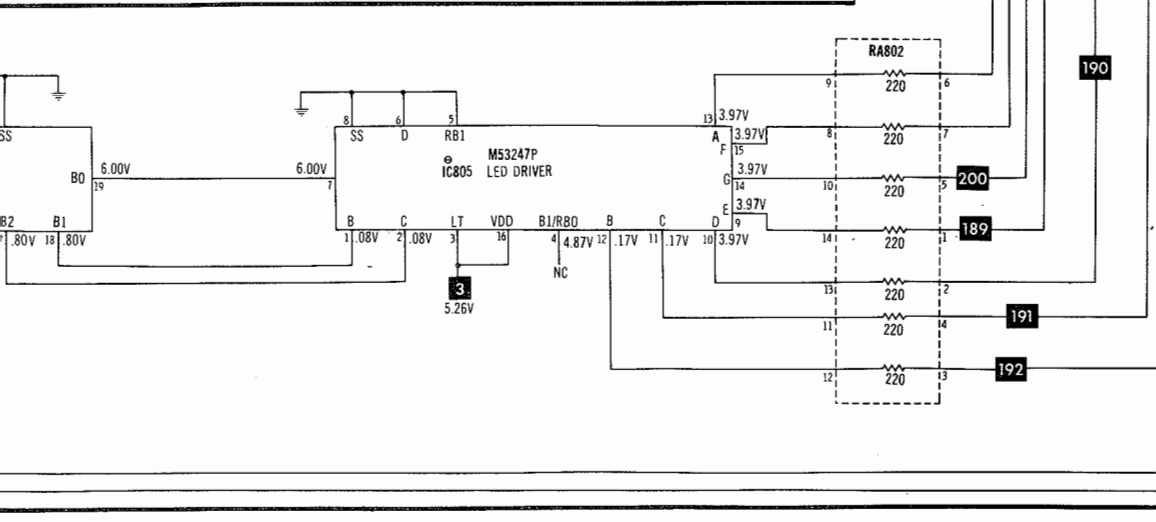
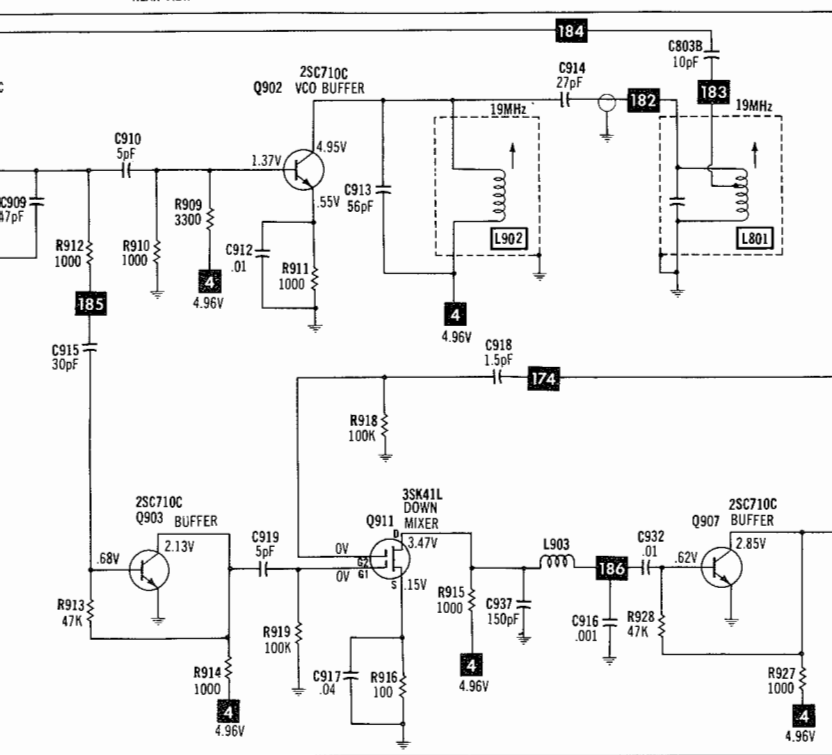
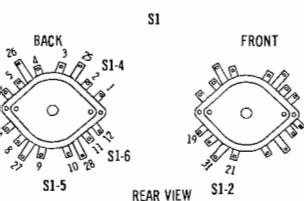
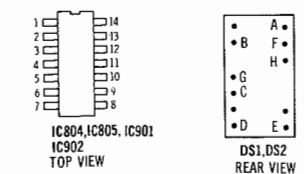
SBE MODEL SBE-39CB (SIDE BANDER V)

PARTS LIST AND DESCRIPTION (CONTINUED)

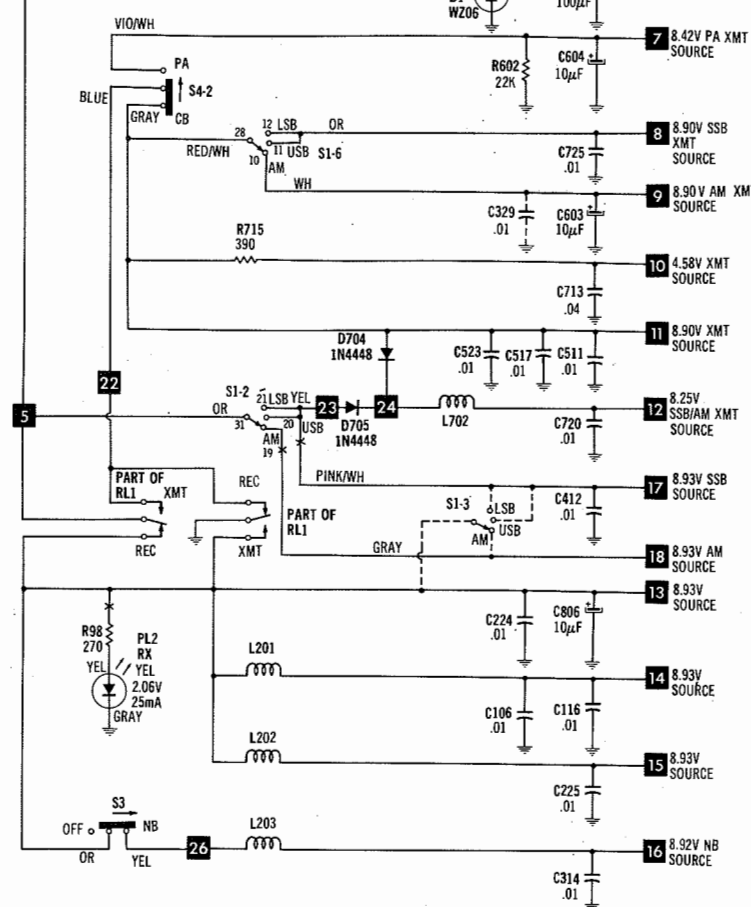
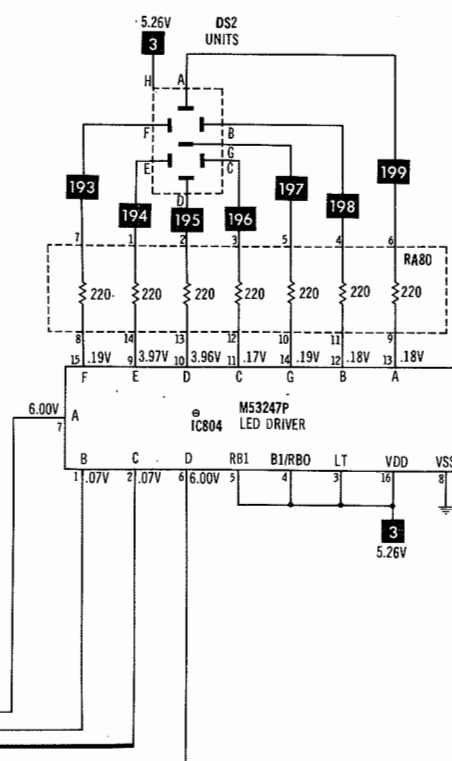
(When ordering parts, state Model, Part Number, and Description.)

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

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	MALLORY PART No.	RAYTHEON PART No.	RCA PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
Q1	2SC710	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q101	2SC710C	8000-00011-053	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q102	3SK41L	8000-00050-017	GE-FET-4	PTC182	REN 222	SK3065	ECG222	TM222	WEP905	121-826
Q103	2SC710	8000-00050-017	GE-FET-2	PTC161	REN 132	SK3448	ECG312	TM312	WEP920	121-756
Q201	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q202	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q203	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q204	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q301	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q302	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q303	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q304	2SK41F	8000-00050-017	GE-FET-2	PTC161	REN 132	SK3448	ECG312	TM312	WEP920	121-756
Q305	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q401	2SK34E	8000-00011-055	GE-FET-2	PTC161	REN 132	SK3448	ECG312	TM312	WEP920	121-756
Q402	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q403	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q404	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q405	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q406	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q501	2SC1969	8000-00047-032	GE-216	PTC186	REN 236	SK3197	ECG236	TM236	WEP840	121-29040
Q502	2SC1307	8000-00047-032	GE-216	PTC186	REN 236	SK3239	ECG236	TM236	WEP840	121-29040
Q503	2SC1306	8000-00047-033	GE-215	PTC186	REN 235	SK3197	ECG235	TM235	WEP785	121-29039
Q504	2SC1449	8000-00047-034	GE-270	PTC180	REN 295	SK3253	ECG295	TM295	WEP701	121-880
Q505	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q601	JSP7001	8000-00011-053	GE-20*	PTC121*	REN 229*	SK3444	ECG229	TM229	WEP829	121-79000A
Q602	3SK41L	8000-00030-009	GE-FET-4	PTC182	REN 222	SK3065	ECG222	TM222	WEP905	121-826
Q701	2SD187	8000-00030-009	GE-59	PTC134	REN 103A	SK3010	ECG103A	TM103A/**	WEP641B	121-79015
Q702	2SC1061	8000-00011-050	GE-66	PTC167	REN 152	SK3054	ECG152	TM152/**	WEP745	121-29002
Q703	2SK40C	8000-00047-054	GE-FET-2	PTC161	REN 132	SK3112	ECG312	TM312	WEP920	121-756
Q704	2SK40	8000-00047-054	GE-FET-2	PTC161	REN 132	SK3112	ECG312	TM312	WEP920	121-756
Q705	2SD30K	8000-00030-009	GE-59	PTC134	REN 103A	SK3835	ECG103A	TM103A/**	WEP641B	121-79015
Q706	2SD187	8000-00030-009	GE-59	PTC134	REN 103A	SK3835	ECG103A	TM103A/**	WEP641B	121-79015
Q707	2SC372Y	8000-00032-025	GE-61*	PTC121*	REN 123A*	SK3245	ECG123A*	TM123A/**	WEP372	121-29000A*
Q708	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q709	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q710	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q711	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q712	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q713	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q714	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q715	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q716	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q717	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q718	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q719	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q720	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q721	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q722	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q723	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q724	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q725	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q726	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q727	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q728	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q729	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q730	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q731	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q732	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q733	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q734	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q735	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q736	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q737	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q738	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q739	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q740	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q741	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q742	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q743	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q744	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q745	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q746	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q747	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q748	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q749	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q750	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q751	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q752	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q753	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q754	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q755	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q756	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q757	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q758	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q759	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q760	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q761	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q762	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q763	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q764	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q765	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q766	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q767	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q768	2SC710C	8000-00011-047	GE-211*	PTC132*	REN 123A*	SK3356	ECG123A*	TM123A/**	WEP710	121-79000A
Q769	2SC710C	8000-00011-047</								

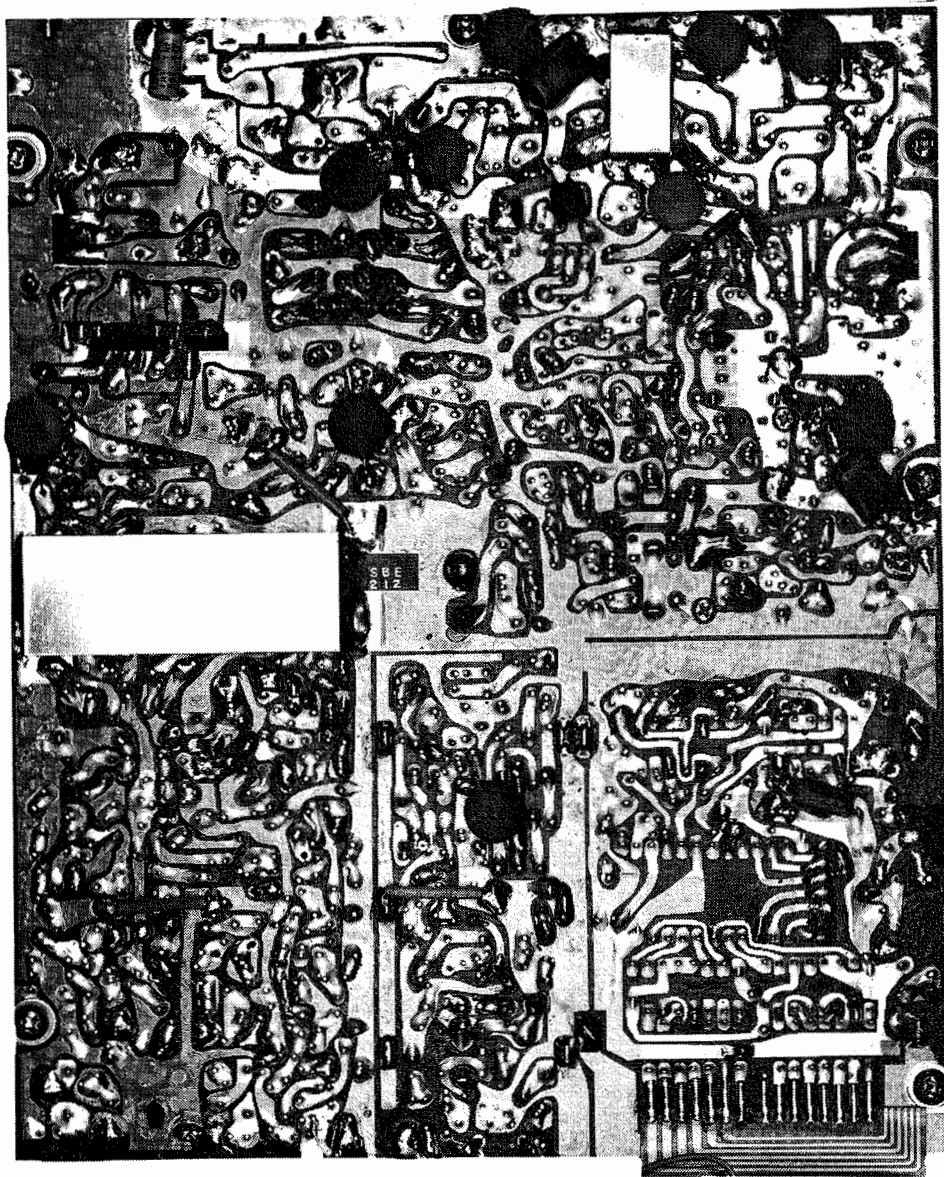


EACH SEGMENT OF DS1 AND DS2 SUPPLIED 1.93V @ 14.3mA

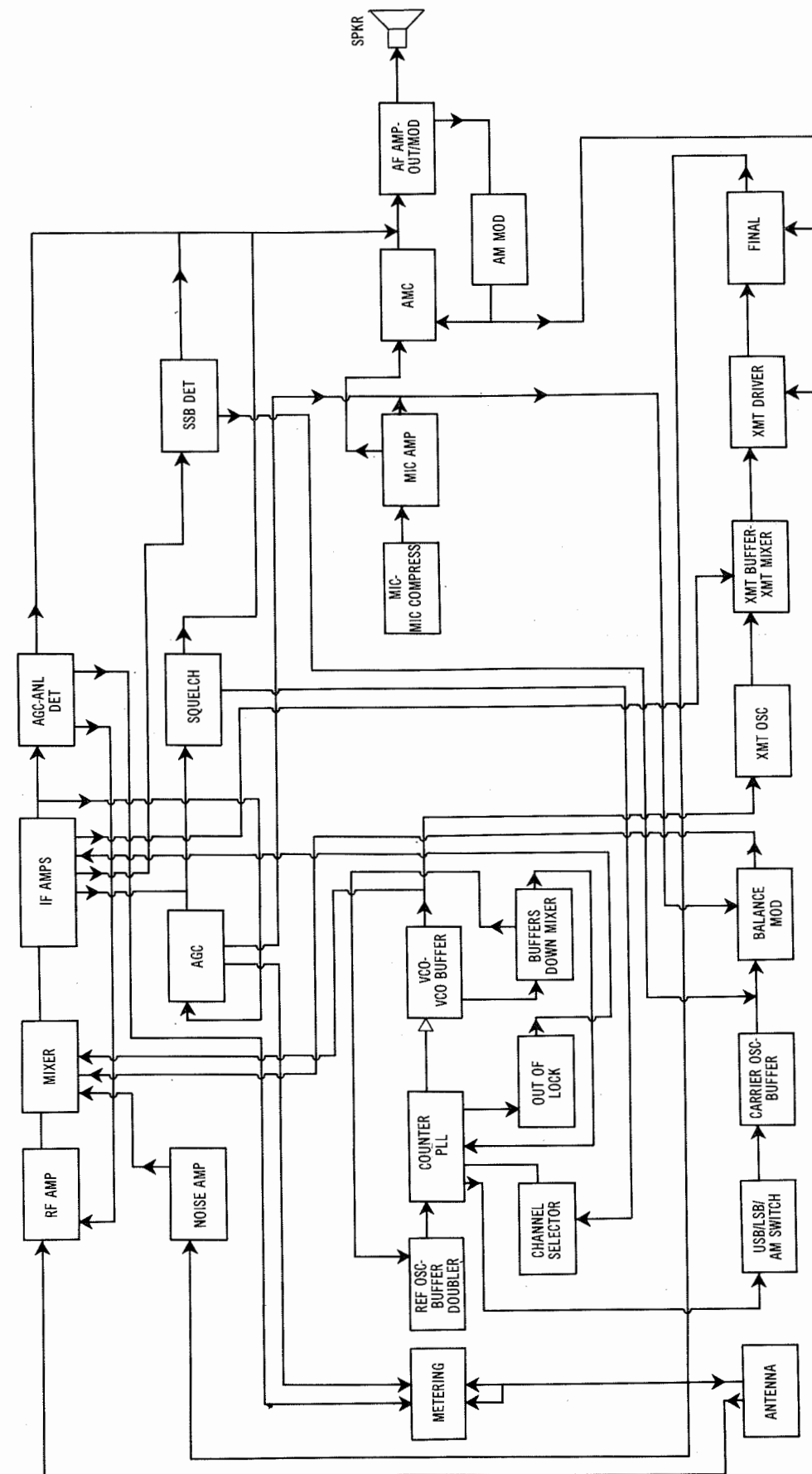


POWER SUPPLY SCHEMATIC

SBE MODEL SBE-39CB (SIDE BANDER V)



SHIELD LOCATION



BLOCK DIAGRAM

PARTS LIST AND DESCRIPTION (CONTINUED)
(When ordering parts, state Model, Part Number, and Description.)

ELECTROLYTIC CAPACITORS (cont)

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C604	10 16V	4-10M16	PC10-25	VTT10B25	QV1-41	EV-1222
C605	1 50V	4-1M50	PC1-50	VTT1A50	QV1-11	EV-1615
C607	1 50V	4-1M50	PC1-50	VTT1A50	QV1-11	EV-1615
C609	47 16V	4-47M50	PC50-16	VTT47D16	QV1-73	EV-1226
C610	1 50V	4-1M50	PC1-50	VTT1A50	QV1-11	EV-1615
C611	10 16V	4-10M50	PC10-25	VTT10B25	QV1-41	EV-1222
C616	47 16V	4-47M16	PC50-16	VTT47D16	QV1-73	EV-1226
C620	47 16V	4-47M16	PC50-16	VTT47D16	QV1-73	EV-1226
C621	10 10V	8000-00047-015		TDC106M025FL	QDT1-64	SD25-109
C625	220 16V	4-220M16	PC250-25	VTT220H16	QV1-117	EV-1240
C701	1 50V	4-1M50	PC1-50	VTT1A50	QV1-11	EV-1615
C705	22 16V	4-22M16	PC25-25	VTT22B16	QV1-55	EV-1224
	10 16V	4-10M16	PC10-25	VTT10B25	QV1-41	EV-1222
C706	1 50V	4-1M50	PC1-50	VTT1A50	QV1-11	EV-1615
C708	10 16V	4-10M50	PC10-25	VTT10B25	QV1-41	EV-1222
C709	1 50V	4-1M50	PC1-50	VTT1A50	QV1-11	EV-1615
C727	1 50V	4-1M50	PC1-50	VTT1A50	QV1-11	EV-1615
C802	1 50V	4-1M50	PC1-50	VTT1A50	QV1-11	EV-1615
C803A	10 16V	4-10M16	PC10-25	VTT10B25	QV1-41	EV-1222
C804	4.7 25V	4-4.7M16	PC5-50	VTT47B50	QV1-31	EV-1619.1
C806	10 16V	4-10M16	PC10-25	VTT10B25	QV1-41	EV-1222
C807	220 16V	4-220M16	PC250-25	VTT220H16	QV1-117	EV-1240
C808	220 16V	4-220M16	PC250-25	VTT220H16	QV1-117	EV-1240
C809	2200 16V	4-2200M16	WBR2000-16*	TC1520C*	QE1-643*	TVA-1175.3*
C813	1 50V	8000-00051-009	PC1-50	VTT1A50	QV1-11	EV-1615
C814	3.3 10V	8000-00049-019		TDC335M015FL	QDT1-41	SD15-3R39
C815	3.3 10V	8000-00049-019		TDC335M015FL	QDT1-41	SD15-3R39
C817	1 25V	8000-00051-009		TDC105M035EL		SD35-19
C818	47 16V	4-47M16	PC50-16	VTT47D16	QV1-73	EV-1226
C819	10 16V	4-10M16	PC10-25	VTT10B25	QV1-41	EV-1222
C820	10 16V	4-10M16	PC10-25	VTT10B25	QV1-41	EV-1222
C901	220 16V	4-220M16	PC250-25	VTT220H16	QV1-117	EV-1240
C903	1 25V	8000-00051-009		TDC105M035EL		SD35-19
C904	.22 35V	8000-00051-010		TDC224M050EL	QDT1-10	SD50-R229
C927	22 16V	8000-00047-021		TDC226M035GL	QDT1-83	SD35-229
C933	.22 16V	8000-00051-010	PC1-50	VTT47A63	QV1-3	EV-1610

* Axial replacement for radial device.

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C001	.01 50V		UK50-103		MAG5011		
C002	.01 50V		UK50-103		MAG5011		
C003	.01 50V		UK50-103		MAG5011		
C004	.01 50V		UK50-103		MAG5011		
C005	.01 50V		UK50-103		MAG5011		
C006	.01 50V		UK50-103		MAG5011		
C007	.01 50V		UK50-103		MAG5011		
C008	.01 50V		UK50-103		MAG5011		
C009	.01 50V		UK50-103		MAG5011		
C010	.01 50V		UK50-103		MAG5011		
C011	.01 50V		UK50-103		MAG5011		
C012	.04 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C013	.04 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C015	.01 50V		UK50-103		MAG5011		
C3	.01 50V		UK50-103		MAG5011		
C4	.04 50V				GP140		5GA-S40
	.01 50V		UK50-103		MAG5011		
C9	.01 50V		UK50-103		MAG5011		
	.001 50V		DD-102		GP210		10TS-D10
C12	.047 50V		UK50-503		MAG5015		
	.05 50V		UK50-503		MAG5015		
C13	.1 12V		UK12-104		MAG1201		HY-360
C14	.1 12V		UK12-104		MAG1201		HY-360
C101	100 NPO		DTZ-100	NP0100	CN0310		10TCC-T10
C102	.01 50V		UK50-103		MAG5011		
C104	24 50V			CD15ED240J03	SX424	QW1-12	MMA-240
C105	.01 50V		UK50-103		MAG5011		
C106	.01 50V		UK50-103		MAG5011		
C107	.01 50V		UK50-103		MAG5011		
C108	.04 50V			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C109	.01 50V		UK50-103		MAG5011		
C110	.01 50V		UK50-103		MAG5011		
C111	1 50V 10%	8000-00006-277					
C112	5 50V			CD15CU050D03		QW1-2	MMA-050
C113	.01 50V		UK50-103		MAG5011		
C114	.01 50V		UK50-103		MAG5011		
C115	15 NPO 50V		DTZ-15	NP015	CN0415		10TCC-Q15
C116	.01 50V		UK50-103		MAG5011		
C117	.01 50V		UK50-103		MAG5011		
C118	15 NPO 50V		DTZ-15	NP015	CN0415		10TCC-Q15
C119	.001 50V		DD-102		GP210		10TS-D10
C120	.001 50V		DD-102		GP210		10TS-D10
C121	.01 50V		UK50-103		MAG5011		
C122	.01 50V		UK50-103		MAG5011		
C201	.001 50V		DD-102		GP210		10TS-D10
C202	.01 50V		UK50-103		MAG5011		
C203	.01 50V		UK50-103		MAG5011		
C204	24 50V			CD15ED240J03	SX424	QW1-12	MMA-240
C205	.04 50V 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C206	.01 50V		UK50-103		MAG5011		

SBE MODEL SBE-39CB (SIDE BANDER V)

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		
C207	.01 50V	2-160P50	UK50-103	DPMS2S47	MAG5011	QFT2-171	1FT-S47		
C208	.04 50V 10%		UK50-103		EWFTA147				
C209	.01 50V		UK50-103		MAG5011				
C210	160 NPO 50V		UK50-103		EWFTA147				
C211	.04 50V 10%		UK50-103		MAG5011				
C212	.01 50V		UK50-103		MAG5011				
C213	.01 50V		UK50-103		EWFTA147				
C214	56 NPO 50V 5%		UK50-103		EWFTA147				
C215	.01 50V		UK50-103		MAG5011				
C216	.01 50V		UK50-103		MAG5011				
C218	.04 50V 10%	2-160P50	UK50-103	DPMS2S47	EWFTA147	QFT2-171	1FT-S47		
C219	160 NPO 50V		UK50-103		MAG5011				
C220	.01 50V		UK50-103		MAG5011				
C222	.04 50V 10%		UK50-103		EWFTA147				
C224	.01 50V		UK50-103		MAG5011				
C225	.01 50V		UK50-103		MAG5011				
C226	.01 50V		UK50-103		MAG5011				
C228	.01 50V		UK50-103		MAG5011				
C301	150 NPO 50V		DD-102		GP210			10TS-D10	
C302	15 NPO 50V		DTZ-150		CN0315			10TCC-T15	
C303	.1 50V	2-160P50	DTZ-15	NP015	CN0415	QFT2-215	10TCC-Q15		
C304	.01 50V		UK50-103		EWFO5010		1FT-P10		
C305	.01 50V		UK50-103		MAG5011				
C307	47 50V		UK50-103		MAG5011				
C308	35 50V		UK50-103		SX447		MWA-470		
C309	35 50V		UK50-103		SX436		MWA-360		
C310	.01 50V		UK50-103		SX436		MWA-360		
C311	30 50V 10%		UK50-103		MAG5011				
C312	.01 50V		UK50-103		GP430		5GA-Q30		
C313	.01 50V		UK50-103		MAG5011				
C314	.01 50V	2-160P50	UK50-103	GP22	MAG5011	QC2-25	5GA-Q30		
C315	20 50V		UK50-103		MAG5011				
C316	.01 50V		UK50-103		GP420				
C317	.001 50V		UK50-103		MAG5011				
C318	.001 50V		DD-102		GP210		10TS-D10		
C319	.001 50V		DD-102		GP210		10TS-D10		
C321	15 NPO 50V		DD-102		GP210		10TS-D10		
C322	56 NPO 50V		DTZ-15		CN0415		10TCC-Q15		
C323	.01 50V		UK50-103		CN0456		10TCC-Q56		
C324	.001 50V		DD-102		MAG5011				
C325	5 50V	2-160P50	UK50-103	CD15C0050003	GP210	QW1-2	10TS-D10		
C327	.01 50V		UK50-103		MAG5011		MWA-050		
C328	.01 50V		UK50-103		EWFTA110				
C330	.01 50V		UK50-103		MAG5011				
C401	5 50V		UK50-103		MAG5011				
C402	4.7 50V		UK50-103		CD15C0050003				
C404	.01 50V		UK50-103		CD15C0050003				
C405	.1 50V		UK50-103		MAG5011				
C408	5 50V		UK50-103		EWFO5010				
C411	4.7 50V		UK50-103		CD15C0050003				
C412	.01 50V	2-160P50	UK50-103	MAG5011	MAG5011	QFT2-91	1FT-S10		
C413	.01 50V		UK50-103					EWFTA110	
C415	.01 50V		UK50-103					MAG5011	
C501	200 NPO 50V		DD-102					GP210	10TS-D10
C502	510 50V 10%		UK50-103					MAG5011	
C503	.01 50V		UK50-103					MAG5011	
C504	100 NPO 50V		UK50-103					MAG5011	
C505	170 50V 10%		UK50-103					GP210	
C506	56 NPO 50V 5%		UK50-103					MAG5011	
C507	.01 50V		UK50-103					MAG5011	
C508	.01 50V	2-130P50	UK50-103	NP0100	MAG5011	QW1-43	10TCC-T20		
C509	.01 50V		UK50-103					MAG5011	MWA-511
C511	.01 50V		UK50-103					MAG5011	
C512	150 NPO 50V		DTZ-100					CN0310	10TCC-T10
C513	35 50V		UK50-103					SX318	MWA-181
C514	.01 50V		UK50-103					CN0456	10TCC-Q56
C515	.01 50V		UK50-103					MAG5011	
C516	.01 50V		UK50-103					MAG5011	
C517	.01 50V		UK50-103					MAG5011	
C518	270 50V 5%		UK50-103					MAG5011	
C519	130 NPO 50V	2-130P50	UK50-103	CD15FD271J03	SX327	QW1-37	MWB-271		
C520	.01 50V		UK50-103					MAG5011	
C521	.01 50V		UK50-103					MAG5011	
C522	220 50V 10%		UK50-103					SX322	
C523	100 50V 10%		UK50-103					SX310	
C524	.01 50V		UK50-103					MAG5011	
C525	.01 50V		UK50-103					MAG5011	
C527	30 50V 10%		UK50-103					GP430	
C528	130 NPO 50V		UK50-103					MAG5011	
C529	270 50V 5%		UK50-103					SX327	
C530	100 NPO 50V	2-130P50	DTZ-100	NP0100	CN0310	QW1-37	MWB-271		
C531	56 NPO 50V 5%		UK50-103		CN0456		10TCC-T10		
C532A	47 50V		UK50-103		SX447		10TCC-Q56		
C532B	.01 50V		UK50-103		MAG5011		MWA-470		
C535	.01 50V		UK50-103		MAG5011				
C536	.01 50V		UK50-103		MAG5011				
C606	15 NPO 50V		DTZ-15		CN0415		10TCC-Q15		

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 Q-LINE	PART No. GENERAL LINE
C608	.01 50V	1-5P50-CH	UK50-103	DPMS2S47	MAG5011	QFT2-171	1FT-S47
C612	.04 50V 10%			WMF05P1	EWFI1A147	QFT2-215	1FT-P10
C613	.1 50V			WMF1S15	W192P1539R8	QFT2-105	1FT-S15
C614	.015 50V				GP210		10TS-D10
C615	.001 50V		DD-102	DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C617	.04 50V			DPMS2S27	W192P2739R8	QFT2-148	1FT-S30
	.033 50V			CD15FD301J03	SX330	QW1-38	MMA-301
C618	300 50V 10%		DTZ-100	NP0100	CN0310		10TCC-T10
C619	100 NPO 50V			WMF05P1	EWFO5010	QFT2-215	1FT-P10
C622	.1 50V			WMF05P1	EWFO5010	QFT2-215	1FT-P10
C623	.1 50V				GP210		10TS-D10
C624	.001 50V		DD-102		MAG5011		
C626	.01 50V		UK50-103		MAG5011		
C627	.01 50V		UK50-103		GP210		10TS-D10
C630	.001 50V		DD-102		GP210		10TS-D10
C631	.001 50V		DD-102		GP210		10TS-D10
C632	.001 50V		DD-102		GP210		10TS-D10
C633	.01 50V		UK50-103		MAG5011		
C702	.01 50V		UK50-103		MAG5011		
C703	.001 50V		DD-102		GP210		10TS-D10
C704	.001 50V		DD-102		GP210		10TS-D10
C707	.01 50V		UK50-103		MAG5011		
C710	.01 50V		UK50-103		MAG5011		
C711	.01 50V		UK50-103		MAG5011		
C712	.01 50V		UK50-103		MAG5011		
C713	.04 50V 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C714	.001 50V		DD-102		GP210		10TS-D10
C715	75 NPO 50V		DTZ-75	NP075	CN0475		10TCC-Q75
C716	20 50V			GP22	GP420	QC2-17	5GA-Q20
	10 50V			GP10	GP410	QC2-9	5GA-Q10
C717	100 NPO 50V		DTZ-100	NP0100	CN0310		10TCC-T10
C718	150 NPO 50V		DTZ-150		CN0315		10TCC-T15
C719	510 50V 10%			CD15FD511J03	SX351	QW1-43	MMA-511
C720	.01 50V		UK50-103		MAG5011		
C721	.01 50V		UK50-103		MAG5011		
C722	5 NPO 50V						10TCC-V50
C723	.01 50V		UK50-103		MAG5011		
C725	.01 50V		UK50-103		MAG5011		
C726	.04 50V 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C801	.01 50V		UK50-103		MAG5011		
C803B	10 50V		UK50-103	CD15CD100J03		QW1-6	MMA-100
C805	.01 50V		UK50-103		MAG5011		
C810	.01 50V		UK50-103		MAG5011		
C811	.001						
C812	.01 50V		UK50-103		MAG5011		
C816	100 NPO 50V		DTZ-100	NP0100	CN0310		10TCC-T10
C821	.01 50V		UK50-103		MAG5011		
C822	.01 50V			WMF1S1	EWFI1A110	QFT2-91	1FT-S10
C902	.04 50V 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C905	.01 50V		UK50-103		MAG5011		
C906	24 50V			CD15E0240J03	SX424	QW1-12	MMA-240
C907	24 50V				GP425	QC2-23	5GA-Q27
	22 50V			GP22	GP422	QC2-19	TGA-Q22
C908	100 NPO 50V		DTZ-100	NP0100	CN0310		10TCC-T10
C909	47 50V			CD15ED47D03	SX447	QW1-19	MMA-470
C910	5 50V			CD15CD050D03		QW1-2	MMA-050
C911	.04 50V			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C912	.01 50V		UK50-103		MAG5011		
C913	56 50V		DD-560		GP456		10TS-Q56
C914	27 NPO 50V				CN0427		10TCC-Q27
C915	30 50V				GP430	QC2-25	5GA-Q30
C916	.001 50V		DD-102		GP210		10TS-D10
C917	.04 50V 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C918	1.5 NPO 50V		DTZ-1R5	NP01P5	CN0515		10TCC-V15
C919	5 50V			CD15CD050D03		QW1-2	MMA-050
C920	.01 50V		UK50-103		MAG5011		
C921	10 NPO 50V		DTZ-10	NP010	CN0410		10TCC-Q10
C922	.01 50V		UK50-103		MAG5011		
C923	.04 50V			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
C924	.001 50V		DD-102		GP210		10TS-D10
C925	.01 50V		UK50-103		MAG5011		
C926	22 N750 50V		DTN-22	N22	CN7422		10TCU-Q22
C928	.001 50V		DD-102		GP210		10TS-D10
C929	.01 50V		UK50-103		MAG5011		
C930	330 50V 10%			CD15FD331J03	SX333	QW1-39	MMA-331
C931	150 NPO 50V		DTZ-150		CN0315		10TCC-T15
C932	.01 50V		UK50-103		MAG5011		
C934	.001 50V		DD-102		GP210		10TS-D10
C936	.01 50V		UK50-103		MAG5011		
C937	150 NPO 50V		DTZ-150		CN0315		10TCC-T15
C940	.01 50V		UK50-103		MAG5011		
C941	.01 50V		UK50-103		MAG5011		
C942	.01 50V		UK50-103		MAG5011		
C943	.04 50V 10%			DPMS2S47	EWFI1A147	QFT2-171	1FT-S47
CV101	10	8000-00004-204 8000-00004-204					
CV701	10						

SBE MODEL SBE-39CB (SIDE BANDER V)

PARTS LIST AND DESCRIPTION (CONTINUED)

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

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA			
			MFGR. PART No.	CENTRALAB PART No.	MALLORY PART No.	TRW PART No.
R4 (VR11)	Compressor Gain	10K	8000-00004-096			X260R103B(2)
R13 (VR21)	Compressor Level	1000	8000-00051-020			X260R102B
VR101	RF Gain	5000	8000-00011-005(19)			
VR601	Volume/Power Switch	10K				
VR201	S Meter	10K	8000-00004-096			X260R103B(2)
VR301	RFO Meter	100K	8000-00004-094			X260R104B(2)
VR302	SSB ALC	10K	8000-00006-047	T-10K	HTC14L1	X201R103B
VR401	Squelch Range	10K	8000-00004-096			X260R103B(2)
VR402	AGC	5000	8000-00051-019			X260R502B(2)
VR403	Squelch	10K	8000-00004-256(18)			
VR802	Clarifier	10K				
VR701	Carrier Balance	10K	8000-00006-047	T-10K	HTC14L1	X201R103B
VR702	Carrier Balance	100K	8000-00004-094			X260R104B(2)
VR801	XMT Freq	20K	8000-00006-045	T-20K	HTC24L1	X201R253B
VR803	AM AMC	1000				X260R102B(2)

(2) Cut off one of the end terminals and bend to fit P.C. board.
(18) Includes VR403 and VR802.
(19) Includes VR101, VR601 and Power Switch.

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		MFGR. PART No.	WORKMAN PART No.			MFGR. PART No.	WORKMAN PART No.
RA801	Resistor Array	(1)		RA802	Resistor Array	(1)	

(1) Consists of seven 220-ohm resistors.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	RF Choke	8000-00045-019	69		K-69
L2	RF Choke	8000-00045-019	K-69		K-69
L101	RF Trap (.75uH)	8000-00004-055	0.85uH	4594	
L102	RF Choke (.22uH)	8000-00011-016			
L103	Rec Antenna (27MHz)	8000-00047-024	C366ZT		C366Z
L201	RF Choke (22uH)	8000-00004-053		74F225AI	
L202	RF Choke	8000-00011-019	220	9330-32	
L203	RF Choke	8000-00011-019	220	9330-32	
L301	Noise Amp	8000-00047-026			Z542R
L302	RF Choke (22uH)	8000-00011-019	220	9330-32	
L501	RF Choke	8000-00047-027			C997N
L502	Final (27MHz)	8000-00004-075		CB140(1)	C043N
L503	RF Choke (.22uH)	8000-00011-016			
L504	RF Choke (1.2uH)	8000-00040-029			
L505	XMT Driver (27MHz)	8000-00051-021			C996N
L506	RF Choke (.65uH)	8000-00004-055	.65uH		
L507	XMT Buffer (27MHz)	8000-00047-028			CB13N
L508	RF Choke (.65uH)	8000-00004-055	.65uH		
L509	RF Trap (15.600MHz)	8000-00051-022			Z392
L601	RF Choke (22uH)	8000-00011-019	220	9330-32	
L602	RF Choke	8000-00006-284	K-58		K-58
L603	RF Choke (3.9mH)	8000-00051-023	392		
L701	RF Choke (22uH)	8000-00011-019	220	9330-32	
L702	RF Choke (22uH)	8000-00011-019	220	9330-32	
L703	Carrier Osc (7.7975MHz)	8000-00047-029			Y372N
L801	VCO Buffer (19MHz)	8000-00011-035		CBS134-TC	Z-177
L901	VCO	8000-00051-024			Z-383
L902	VCO Buffer (19MHz)	8000-00051-025			Z-354
L903	RF Choke (33uH)	8000-00051-026	330		Y370N
L904	AM Mode (9.9987MHz)	8000-00051-027			
L905	AM Mode (9.9987MHz)	8000-00051-028			
L906	RF Choke (150uH)	8000-00011-018	151		
T101	RF Amp (27MHz)	8000-00047-030			C1931
T102	RF Amp (27MHz)	8000-00047-030			C1931
T103	IF (7.8MHz)	8000-00011-029	S183AT	CBS516-7TC	S183A
T104	IF (7.8MHz)	8000-00011-029	S183AT	CBS516-7TC	S183A
T201	IF (7.8MHz)	8000-00011-029		CBS516-7TC	S183A
T202	IF (7.8MHz)	8000-00011-029	S183A	CBS516-7TC	S183A
T203	IF (7.8MHz)	8000-00011-030	S190AM	CBS517-7TC	S190A
T301	Noise Amp (27MHz)	8000-00037-004	544NT		C544N
T302	Noise Amp (27MHz)	8000-00037-001	541AT		C541N
T303	Noise Amp (27MHz)	8000-00037-003			Z543Q
T304	Noise Amp (7.8MHz)	8000-00037-005			S518A
T401	SSB Det (7.8MHz)	8000-00011-031	Z185ZT		Z185Z
T501	XMT Buffer (27MHz)	8000-00004-118		CB746	C042D
T502	XMT Mixer (27MHz)	8000-00011-036	C182	CBS706-TC	C182Z
T503	XMT Mixer (27MHz)	8000-00011-037	C181	CBS134-TC	C181Z
T901	Doubler (20MHz)	8000-00011-035	Z177ZT	CBS134-TC	Z177

(1) Cut off unwanted terminals and rotate replacement to use the terminals required.

PARTS LIST AND DESCRIPTION (CONTINUED)

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

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.	
L802	2.5A	.18	2mH	8000-00030-012 K-10(1)	TR554		(1) Number on unit.

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP	3 1/2" PH, 8 Ohms	8000-00038-036		

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	4A Quick Acting	8000-00011-157	8000-00030-047	AGC4	HRK	311004	150145	

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA							
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC CONNECTOR	GC Red	GC Shield	GC Yellow	GC Blue	GC White	GC Black	
MIC	8000-00004-153	18-032	18-034	18-010	18-092	2	1	3	NC	NC	4	

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
DS1	LED	8000-00051-045	Tens, Channel Indicator (1.93V @ 14.3mA)
DS2	LED	8000-00051-045	Units, Channel Indicator (1.93V @ 14.3mA)
FL1	Filter	8000-00011-071	Crystal (7.8MHz)
J1	Jack	8000-00004-069	Antenna
J2	Jack	8000-00004-070	Microphone
J3	Jack	8000-00030-021	External Speaker
J4	Jack	8000-00030-021	PA
M1	Meter	8000-00030-029	S/RFO (A-36)
P2	Plug		Microphone
PL1	Lamp	8000-00011-056	Meter (13.70V @ 80mA)
PL2	Lamp	8000-00055-010	RX (2.06V @ 25mA)
PL3	Lamp	8000-00055-009	TX (1.60V @ 11.6mA)
RL1	Relay	8000-00004-141	MY40
S1	Switch	8000-00004-102	LSB/USB/AM
S2	Switch	8000-00038-032	ANL
S3	Switch	8000-00038-032	Off/NB
S4	Switch	8000-00038-032	PA/CB
S5	Switch	8000-00051-033	Channel Selector
S6	Switch	8000-00055-011	Scan
S7	Switch	8000-00055-011	Off
S9	Switch		Off/CH. 9
X701	Crystal	8000-00051-029	(7.8015MHz)
X901	Crystal	8000-00051-030	(10.000MHz)
	P.C. Board	8000-00055-008	LED
	P.C. Board	8000-00051-034	Main
	P.C. Board	8000-00051-040	Microphone Compressor Unit
	P.C. Board	8000-00055-001	PLL Unit

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

ITEM	PART No.	ITEM	PART No.
Button, Scan/Off	8000-00055-006	Knob, Mode	8000-00055-016
Cabinet	8000-00038-025	Knob, RF Gain/Clarifier	8000-00055-007
Front Panel	8000-00055-020	Knob, Volume/Squelch	8000-00055-017
Knob, Channel	8000-00051-059	Main Chassis	8000-00045-027

WIRING DATA

Cable (Speaker)(Unshielded).....	Use BELDEN No. 8782 (AWG24)(4 colors)
Shielding Strap.....	Use BELDEN No. 8660 (3/16" width)
Hook-up Wire (General Use).....	Use BELDEN No. 8524 (AWG22)(13 colors)
Hook-up Wire (Shielded).....	Use BELDEN No. 8401 (Braided Shield)(1 conductor)(AWG25)
	Use BELDEN No. 8421 (Spiral Shield)(1 conductor)(AWG25)
	Use BELDEN No. 8737 (Spiral Shield)(2 conductor)(AWG22)
Microphone Cable (Coiled).....	Use BELDEN No. 8497 (3 conductor-1 shielded)(6 ft.)(AWG22)
Microphone Cable (Coiled).....	Use BELDEN No. 9466 (3 conductor-1 shielded)(6 ft.)(AWG28)
Microphone Cable (Coiled).....	Use BELDEN No. 9468 (3 conductor-1 shielded)(6 ft.)(AWG31)

SBE MODEL SBE-39CB (SIDE BANDER V)

INDEX

Listing all models/chassis covered in
PHOTOFACT CB (Citizens Band) Series volumes

AIMOR	BROWNING	COBRA-CONT	DEWALD	GENERAL ELECTRIC (CONT.)	HANDIC
CB7000 CB-109	Baron CB-145	77X CB-134	TR6/12/910 CB-2	3-5825A CB-153	21/32 CB-105
AIRCRAFTLE	Brownie CB-90	78X (PCB CB-262) CB-236	DUO-COMM CB-2	3-5825B CB-255	43C CB-100
JE321 CB-15	Engle CB-10	85 CB-25		3-5830 CB-294	65C CB-108
23-02 CB-38	Englette CB-20	86XLR CB-174		3-5869A CB-162	199 CB-245
AIRLINE	Englette2 CB-29	870TL CB-243		3-5871A CB-149	230 CB-218
(See Wards)	GoldenEngle Mark II CB-27	890TL CB-27	DYNASCAN	3-5871B CB-177	245 CB-109
	GoldenEngle Mark III CB-79	89XLR CB-124	(See Cobra)	3-5875A CB-234	305 CB-110
ALARON	LTD CB-66	98 CB-23		3-5925A CB-153	605 CB-124
B1025 CB-105	MarkII Series B CB-39	130 CB-46	E.C.I.	3-5975A CB-131	605DL CB-153
B1080 CB-106	S23 CB-10	131 CB-46	(Alco See Courier)		3605 CB-249
B1100 CB-108	SSB15 CB-39	132 CB-54		GENERAL MOTORS	
B1150 CB-107	SST CB-37	132A CB-73		CB010 CB-112	
B4075 CB-190	SST (Ser T-50000 & Up) CB-81	132XLR CB-175		CB012 CB-111	
B4900 CB-187	SST-2 CB-143	135 CB-54		CB020A CB-164	
B5050A CB-195	Sabre CB-129	135XLR CB-181		CB020B CB-237	
B5200 CB-206	69R CB-27	138XLR (PCB CB-135) CB-126		GM23B CB-92	
B5200 CB-107		139 CB-59		GM130A (Sim. to Pg. 47) CB-90	
13-4075 CB-190		139XLR (PCB CB-135) CB-127		GM132 (Sim. to Pg. 5) CB-69	
13-4900 CB-187		140GTL/42GTL CB-219		70BCB1 CB-149	
ALLIED		148GTL CB-47		70BCB2 CB-149	
(Also See Knight)		880 CB-251		70BFMC1/2 CB-149	
A2507 CB-20	CADRE	2000GTL CB-251		70BFMC3 CB-164	
A2530 CB-20	C75 CB-11			71YFMC1 CB-164	
A2533 CB-20	510A/15 CB-4			73AFMC1/2 CB-149	
A2543 CB-21	520/25 CB-7			76CFMC1/2 CB-149	
A2544 CB-23	CALTRON			76CFMC3 CB-164	
A2545 CB-23	CB7500 CB-143			80AFMC1 CB-201	
A2559 CB-34	CAPITAL			80BCB1 CB-237	
A2561 CB-35	ND309 CB-3			80BFMC1 (Sim. to Pg. 5) CB-149	
A2564 CB-35	CHANNEL MASTER			80BFMC2 CB-215	
A2567 CB-35	CB6830 CB-126			80BFMC3 CB-215	
A2568 CB-35	CB6832 CB-158			80BFMC4 CB-215	
A2569 CB-35	CB6834 CB-253			80BFMC5 CB-215	
A2570 CB-35	CB6835 CB-40			80BFMC6 CB-215	
A2571 CB-35	CB6836 CB-40			80BFMC7 CB-215	
A2572 CB-35	CB6837 CB-40			80BFMC8 CB-215	
A2573 CB-35	CB6838 CB-40			80BFMC9 CB-215	
A2574 CB-35	CB6839 CB-40			80BFMC10 CB-215	
A2575 CB-35	CB6840 CB-40			80BFMC11 CB-215	
A2576 CB-35	CB6841 CB-40			80BFMC12 CB-215	
A2577 CB-35	CB6842 CB-40			80BFMC13 CB-215	
A2578 CB-35	CB6843 CB-40			80BFMC14 CB-215	
A2579 CB-35	CB6844 CB-40			80BFMC15 CB-215	
A2580 CB-35	CB6845 CB-40			80BFMC16 CB-215	
A2581 CB-35	CB6846 CB-40			80BFMC17 CB-215	
A2582 CB-35	CB6847 CB-40			80BFMC18 CB-215	
A2583 CB-35	CB6848 CB-40			80BFMC19 CB-215	
A2584 CB-35	CB6849 CB-40			80BFMC20 CB-215	
A2585 CB-35	CB6850 CB-40			80BFMC21 CB-215	
A2586 CB-35	CB6851 CB-40			80BFMC22 CB-215	
A2587 CB-35	CB6852 CB-40			80BFMC23 CB-215	
A2588 CB-35	CB6853 CB-40			80BFMC24 CB-215	
A2589 CB-35	CB6854 CB-40			80BFMC25 CB-215	
A2590 CB-35	CB6855 CB-40			80BFMC26 CB-215	
A2591 CB-35	CB6856 CB-40			80BFMC27 CB-215	
A2592 CB-35	CB6857 CB-40			80BFMC28 CB-215	
A2593 CB-35	CB6858 CB-40			80BFMC29 CB-215	
A2594 CB-35	CB6859 CB-40			80BFMC30 CB-215	
A2595 CB-35	CB6860 CB-40			80BFMC31 CB-215	
A2596 CB-35	CB6861 CB-40			80BFMC32 CB-215	
A2597 CB-35	CB6862 CB-40			80BFMC33 CB-215	
A2598 CB-35	CB6863 CB-40			80BFMC34 CB-215	
A2599 CB-35	CB6864 CB-40			80BFMC35 CB-215	
A2600 CB-35	CB6865 CB-40			80BFMC36 CB-215	
A2601 CB-35	CB6866 CB-40			80BFMC37 CB-215	
A2602 CB-35	CB6867 CB-40			80BFMC38 CB-215	
A2603 CB-35	CB6868 CB-40			80BFMC39 CB-215	
A2604 CB-35	CB6869 CB-40			80BFMC40 CB-215	
A2605 CB-35	CB6870 CB-40			80BFMC41 CB-215	
A2606 CB-35	CB6871 CB-40			80BFMC42 CB-215	
A2607 CB-35	CB6872 CB-40			80BFMC43 CB-215	
A2608 CB-35	CB6873 CB-40			80BFMC44 CB-215	
A2609 CB-35	CB6874 CB-40			80BFMC45 CB-215	
A2610 CB-35	CB6875 CB-40			80BFMC46 CB-215	
A2611 CB-35	CB6876 CB-40			80BFMC47 CB-215	
A2612 CB-35	CB6877 CB-40			80BFMC48 CB-215	
A2613 CB-35	CB6878 CB-40			80BFMC49 CB-215	
A2614 CB-35	CB6879 CB-40			80BFMC50 CB-215	
A2615 CB-35	CB6880 CB-40			80BFMC51 CB-215	
A2616 CB-35	CB6881 CB-40			80BFMC52 CB-215	
A2617 CB-35	CB6882 CB-40			80BFMC53 CB-215	
A2618 CB-35	CB6883 CB-40			80BFMC54 CB-215	
A2619 CB-35	CB6884 CB-40			80BFMC55 CB-215	
A2620 CB-35	CB6885 CB-40			80BFMC56 CB-215	
A2621 CB-35	CB6886 CB-40			80BFMC57 CB-215	
A2622 CB-35	CB6887 CB-40			80BFMC58 CB-215	
A2623 CB-35	CB6888 CB-40			80BFMC59 CB-215	
A2624 CB-35	CB6889 CB-40			80BFMC60 CB-215	
A2625 CB-35	CB6890 CB-40			80BFMC61 CB-215	
A2626 CB-35	CB6891 CB-40			80BFMC62 CB-215	
A2627 CB-35	CB6892 CB-40			80BFMC63 CB-215	
A2628 CB-35	CB6893 CB-40			80BFMC64 CB-215	
A2629 CB-35	CB6894 CB-40			80BFMC65 CB-215	
A2630 CB-35	CB6895 CB-40			80BFMC66 CB-215	
A2631 CB-35	CB6896 CB-40			80BFMC67 CB-215	
A2632 CB-35	CB6897 CB-40			80BFMC68 CB-215	
A2633 CB-35	CB6898 CB-40			80BFMC69 CB-215	
A2634 CB-35	CB6899 CB-40			80BFMC70 CB-215	
A2635 CB-35	CB6900 CB-40			80BFMC71 CB-215	
A2636 CB-35	CB6901 CB-40			80BFMC72 CB-215	
A2637 CB-35	CB6902 CB-40			80BFMC73 CB-215	
A2638 CB-35	CB6903 CB-40			80BFMC74 CB-215	
A2639 CB-35	CB6904 CB-40			80BFMC75 CB-215	
A2640 CB-35	CB6905 CB-40			80BFMC76 CB-215	
A2641 CB-35	CB6906 CB-40			80BFMC77 CB-215	
A2642 CB-35	CB6907 CB-40			80BFMC78 CB-215	
A2643 CB-35	CB6908 CB-40			80BFMC79 CB-215	
A2644 CB-35	CB6909 CB-40			80BFMC80 CB-215	
A2645 CB-35	CB6910 CB-40			80BFMC81 CB-215	
A2646 CB-35	CB6911 CB-40			80BFMC82 CB-215	
A2647 CB-35	CB6912 CB-40			80BFMC83 CB-215	
A2648 CB-35	CB6913 CB-40			80BFMC84 CB-215	
A2649 CB-35	CB6914 CB-40			80BFMC85 CB-215	
A2650 CB-35	CB6915 CB-40			80BFMC86 CB-215	
A2651 CB-35	CB6916 CB-40			80BFMC87 CB-215	
A2652 CB-35	CB6917 CB-40			80BFMC88 CB-215	
A2653 CB-35	CB6918 CB-40			80BFMC89 CB-215	
A2654 CB-35	CB6919 CB-40			80BFMC90 CB-215	
A2655 CB-35	CB6920 CB-40			80BFMC91 CB-215	
A2656 CB-35	CB6921 CB-40			80BFMC92 CB-215	
A2657 CB-35	CB6922 CB-40			80BFMC93 CB-215	
A2658 CB-35	CB6923 CB-40			80BFMC94 CB-215	
A2659 CB-35	CB6924 CB-40			80BFMC95 CB-215	
A2660 CB-35	CB6925 CB-40			80BFMC96 CB-215	
A2661 CB-35	CB6926 CB-40			80BFMC97 CB-215	
A2662 CB-35	CB6927 CB-40			80BFMC98 CB-215	
A2663 CB-35	CB6928 CB-40			80BFMC99 CB-215	
A2664 CB-35	CB6929 CB-40			80BFMC100 CB-215	
A2665 CB-35	CB6930 CB-40			80BFMC101 CB-215	
A2666 CB-35	CB6931 CB-40			80BFMC102 CB-215	
A2667 CB-35	CB6932 CB-40			80BFMC103 CB-215	
A2668 CB-35	CB6933 CB-40			80BFMC104 CB-215	
A2669 CB-35	CB6934 CB-40			80BFMC105 CB-215	
A2670 CB-35	CB6935 CB-40			80BFMC106 CB-215	
A2671 CB-35	CB6936 CB-40			80BFMC107 CB-215	
A2672 CB-35	CB6937 CB-40			80BFMC108 CB-215	
A2673 CB-35	CB6938 CB-40			80BFMC109 CB-215	
A2674 CB-35	CB6939 CB-40			80BFMC110 CB-215	
A2675 CB-35	CB6940 CB-40			80BFMC111 CB-215	
A2676 CB-35	CB6941 CB-40			80BFMC112 CB-215	
A2677 CB-35	CB6942 CB-40			80BFMC113 CB-215	
A2678 CB-35	CB6943 CB-40			80BFMC114 CB-215	
A2679 CB-35	CB6944 CB-40			80BFMC115 CB-215	
A2680 CB-35	CB6945 CB-40			80BFMC116 CB-215	
A2681 CB-35	CB6946 CB-40			80BFMC117 CB-215	
A2682 CB-35	CB6947 CB-40			80BFMC118 CB-215	
A2683 CB-35	CB6948 CB-40			80BFMC119 CB-215	
A2684 CB-35	CB6949 CB-40			80BFMC120 CB-215	
A2685 CB-35	CB6950 CB-40			80BFMC121 CB-215	
A2686 CB-35	CB6951 CB-40			80BFMC122 CB-215	
A2687 CB-35	CB6952 CB-40			80BFMC123 CB-215	
A2688 CB-35	CB6953 CB-40			80BFMC124 CB-215	
A2689 CB-35	CB6954 CB-40			80BFMC125 CB-215	
A2690 CB-35	CB6955 CB-40			80BFMC126 CB-215	
A2691 CB-35	CB6956 CB-40			80BFMC127 CB-215	
A2692 CB-35	CB6957 CB-40			80BFMC128 CB-215	
A2693 CB-35	CB6958 CB-40			80BFMC129 CB-215	
A2694 CB-35	CB6959 CB-40			80BFMC130 CB-215	
A2695 CB-35	CB6960 CB-40			80BFMC131 CB-215	
A2696 CB-35	CB6961 CB-40			80BFMC132 CB-215	
A2697 CB-35	CB6962 CB-40			80BFMC133 CB-215	
A2698 CB-35	CB6963 CB-40			80BFMC134 CB-215	
A2699 CB-35	CB6964 CB-40			80BFMC135 CB-215	
A2700 CB-35	CB6965 CB-40			80BFMC136 CB-215	
A2701 CB-35	CB6966 CB-40			80BFMC137 CB-215	
A2702 CB-35	CB6967 CB-40			80BFMC138 CB-215	
A2703 CB-35	CB6968 CB-40			80BFMC139 CB-215	
A2704 CB-35	CB6969 CB-40			80BFMC140 CB-215	
A2705 CB-35	CB6970 CB-40			80BFMC141 CB-215	
A2706 CB-35	CB6971 CB-40			80BFMC142 CB-215	
A2707 CB-35	CB6972 CB-40			80BFMC143 CB-215	
A2708 CB-35	CB6973 CB-40			80BFMC144 CB-215	
A2709 CB-35	CB6974 CB-40			80BFMC145 CB-215	
A2710 CB-35	CB6975 CB-40			80BFMC146 CB-215	
A2711 CB-35	CB6976 CB-40			80BFMC147 CB-215	
A2712 CB-35	CB6977 CB-40			80BFMC148 CB-215	
A2713 CB-35	CB6978 CB-40			80BFMC149 CB-215	
A2714 CB-35	CB6979 CB-40			80BFMC150 CB-215	
A2715 CB-35	CB6980 CB-40			80BFMC151 CB-215	
A2716 CB-35	CB6981 CB-40			80BFMC152 CB-215	
A2717 CB-35	CB6982 CB-40			80BFMC153 CB-215	
A2718 CB-35	CB6983 CB-40			80BFMC154 CB-215	
A2719 CB-35	CB6984 CB-40			80BFMC155 CB-215	
A2720 CB-35	CB6985 CB-40			80BFMC156 CB-215	
A2721 CB-35	CB6986 CB-40			80BFMC157 CB-215	
A2722 CB-35	CB6987 CB-40			80BFMC158	