



PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

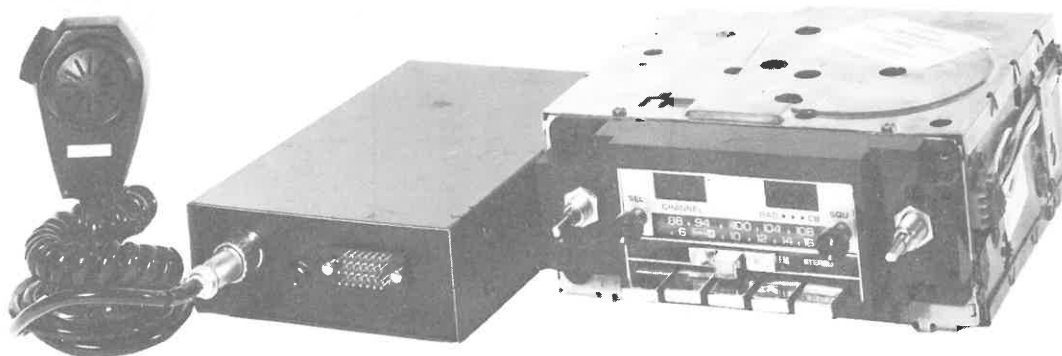
Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license.

(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 70BCB1

MODEL 70BFMC1

DELCO 1977 SERIES

AM-FM MODEL

70BFMC1/2 (7898220)
73AFMC1/2 (7899443)
76CFMC1/2 (7898436)
76KFMC1/2 (7898426)

CB REMOTE MODEL

*70BCB1 (7898570)
*70BCB1 (7898570)
*70BCB1 (7898570)
*70BCB1 (7898570)

BUICK, OLDSMOBILE AND PONTIAC (1977)
OLDSMOBILE (1977)
CADILLAC (1977)
CADILLAC (1977)

* May be identified as CBD-20.

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

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Printed in U. S. of America

7CS581

CB ALIGNMENT INSTRUCTIONS

CAUTION: Use isolation transformer or observe polarity when connecting test equipment. Maintain line voltage at 120V AC. Allow a 15-minute warm-up period. Adjustments made with 13.8-volt DC input. Connect low sides of test equipment to ground unless specified otherwise. Connect 50-ohm dummy load or antenna before keying transmitter.

Suggested Alignment Tools: GC ELECTRONICS:

L112, T106, T107, T108, T109	5009
L103, L104, T101, T102, T103, T104, T105, T111	9440
L106, L109, L110	9304
C119	5000

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of frequency counter to TP10.	Ch. 1		Check for 10.2392MHz <u>+130Hz.</u>
Input of DC meter to TP8.	Ch. 1	T101	Adjust for 1.5V <u>+1V.</u>
Input of frequency counter to TP11.	Ch. 1	C119	Adjust for 37.6592MHz <u>+380Hz.</u>
Input of RF VTVM to TP12.	Ch. 13	T111	Adjust for maximum.
Input of frequency counter to TP14.	Ch. 1, XMT		Check for 10.6942MHz <u>+120Hz.</u>

RECEIVER ALIGNMENT

Connect an AC VTVM or AF wattmeter across speaker voice coil. Adjust volume control to obtain a suitable indication. Set generator output low enough to prevent AGC limiting.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP13. 455kHz, 1000Hz @ 30% modulation.	Ch. 13	T109, T108, T107	Adjust for maximum output.
Output of signal generator thru .01uF to TP12. 10.695MHz, 1000Hz @ 30% modulation.	Ch. 13	T106, L112	Adjust for maximum output.
Output of signal generator thru .01uF to antenna jack. 27.115MHz, 1000Hz @ 30% modulation.	Ch. 13	T105, T104	Adjust for maximum output. Repeat above steps if necessary.

RECEIVER ADJUSTMENTS

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

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.115MHz, 1000Hz @ 30% modulation. Output 500uV.	Ch. 13	RV101	SQUELCH RANGE Set squelch control R90 max. Adjust RV101 so that squelch just breaks.

TRANSMITTER ALIGNMENT

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.

NOTE: Be sure to check transmit frequency and power on all active channels after alignment of transmitter.

See Page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
	Ch. 13	L103, L104,T102, T103, L106, L109,L110	Adjust for maximum.
	Ch. 13	L110	Adjust for 3.8 watts.

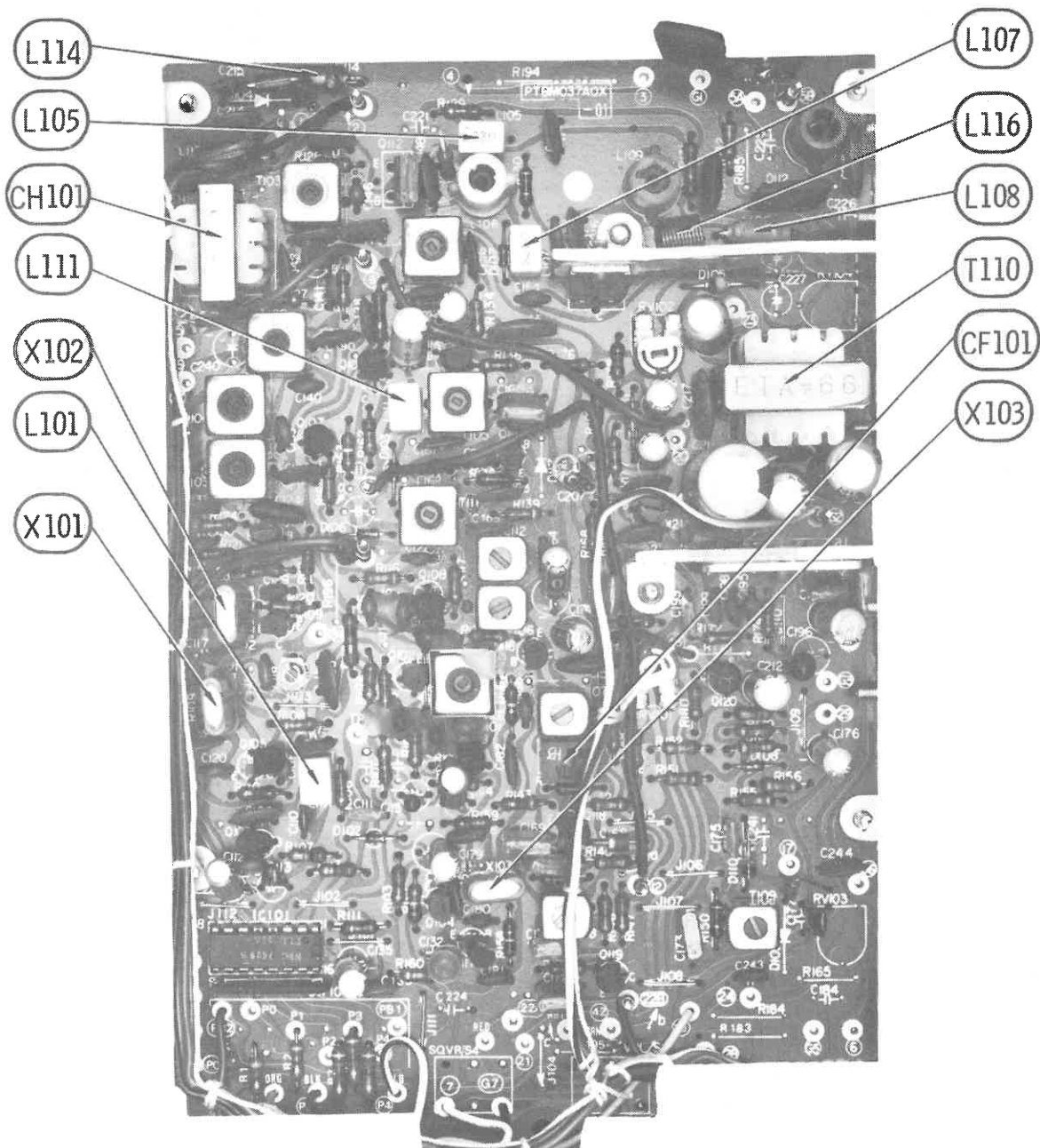
TRANSMITTER ADJUSTMENTS

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.

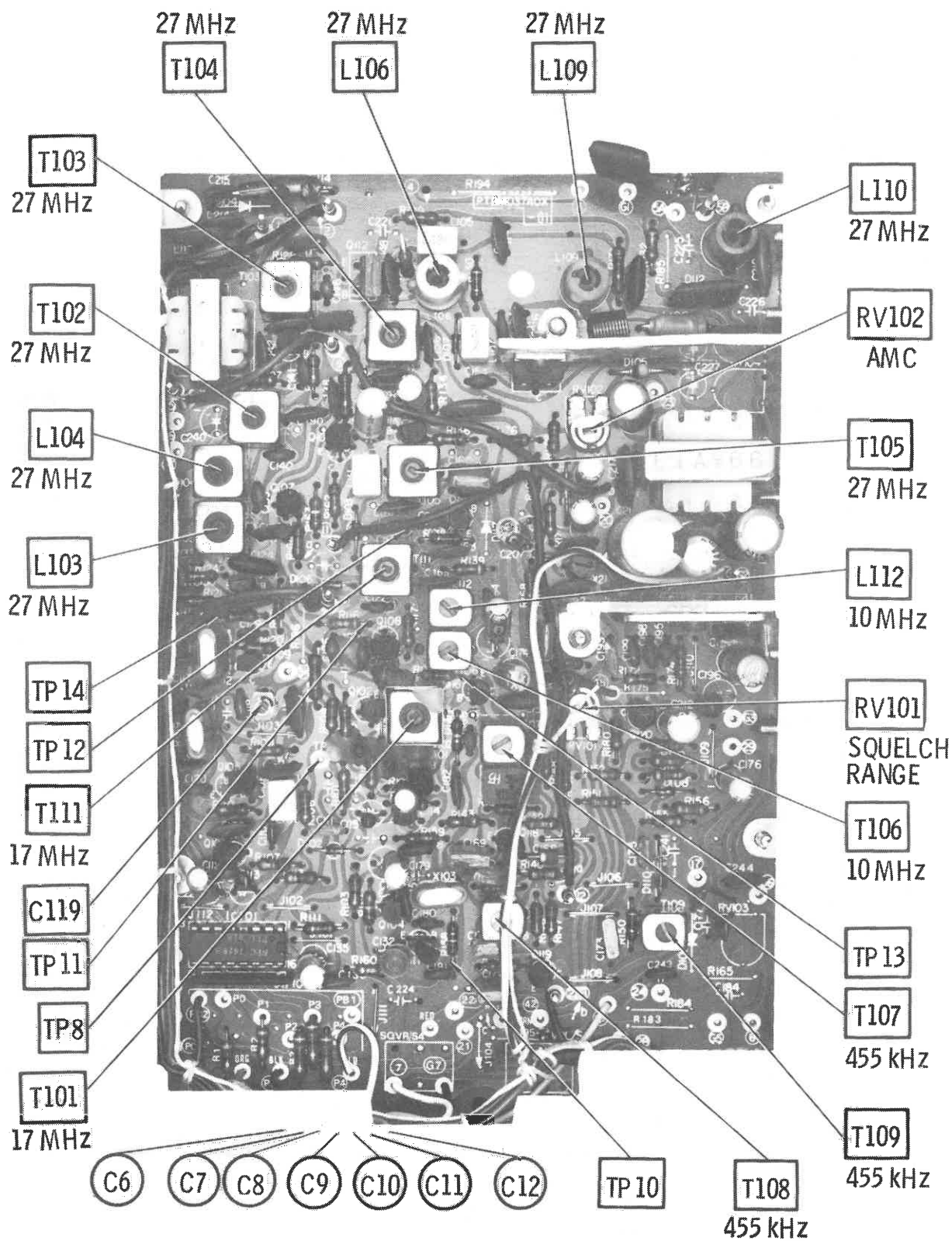
NOTE: Be sure to check transmit frequency and power on all active channels after adjustments of transmitter.

See Page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Modulation meter to antenna jack. Inject a 1000Hz 15mV signal to Mic input.	Ch. 13	RV102	AMC Adjust RV102 for 90% modulation.



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AM-FM ALIGNMENT INSTRUCTIONS

Check for specified source voltage
Connect low sides of generator and indicator to ground unless specified otherwise.
Use only enough generator output to provide a usable indication.

Suggested Alignment Tools:

GC ELECTRONICS:

C4 5000, 9089
C5, C6 9050L
L4, L5, T1, T4 9440
T5, T6 9300, 9296, 9297

AM ALIGNMENT—SELECTOR IN AM POSITION

Connect output meter across speaker voice coil.

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	ADJUST	REMARKS
High side thru .1uF TP1.	262kHz 400-Hz mod.	High freq end stop	T6, T5	Adjust for maximum.

Check setting of oscillator coil core L1C Rear of core should be 1-3/8" from mounting end of coil form.

High side thru 82pF to antenna input	1615kHz	High freq end stop	C6, C5, C4	Adjust for maximum.
"	600kHz	600-kHz signal	L1B, L1A	Adjust for maximum. Repeat alignment.

With radio installed in car and antenna extended 36 ", tune in a weak station near 1400kHz and adjust C4 for maximum output. Antenna adjustment C4 is located behind tuning and fader knobs.

FM STEREO ALIGNMENT USING AUDIO GENERATOR

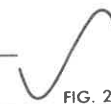
IMPORTANT: Make certain AM is operating properly: AM Oscillator controls FM tuning.

GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
	Input of DC meter to TP3.	R80	With tuning at low frequency end stop, adjust R80 for 7.30 volts.

FM IF ALIGNMENT USING FM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001uF to
Use 60-hertz, frequency-modulated signal, 450kHz sweep.
Use 60-hertz sawtooth voltage in scope for horizontal deflection.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz 450kHz Sweep	Point of non-interference	Vert input of scope to TP2.	(1) T4, T1	Adjust T1, T4 for maximum amplitude and straightness of line, similar to Fig. 2.



(1) Before adjusting, vary generator frequency slightly. Maximum output indicates exact IF.

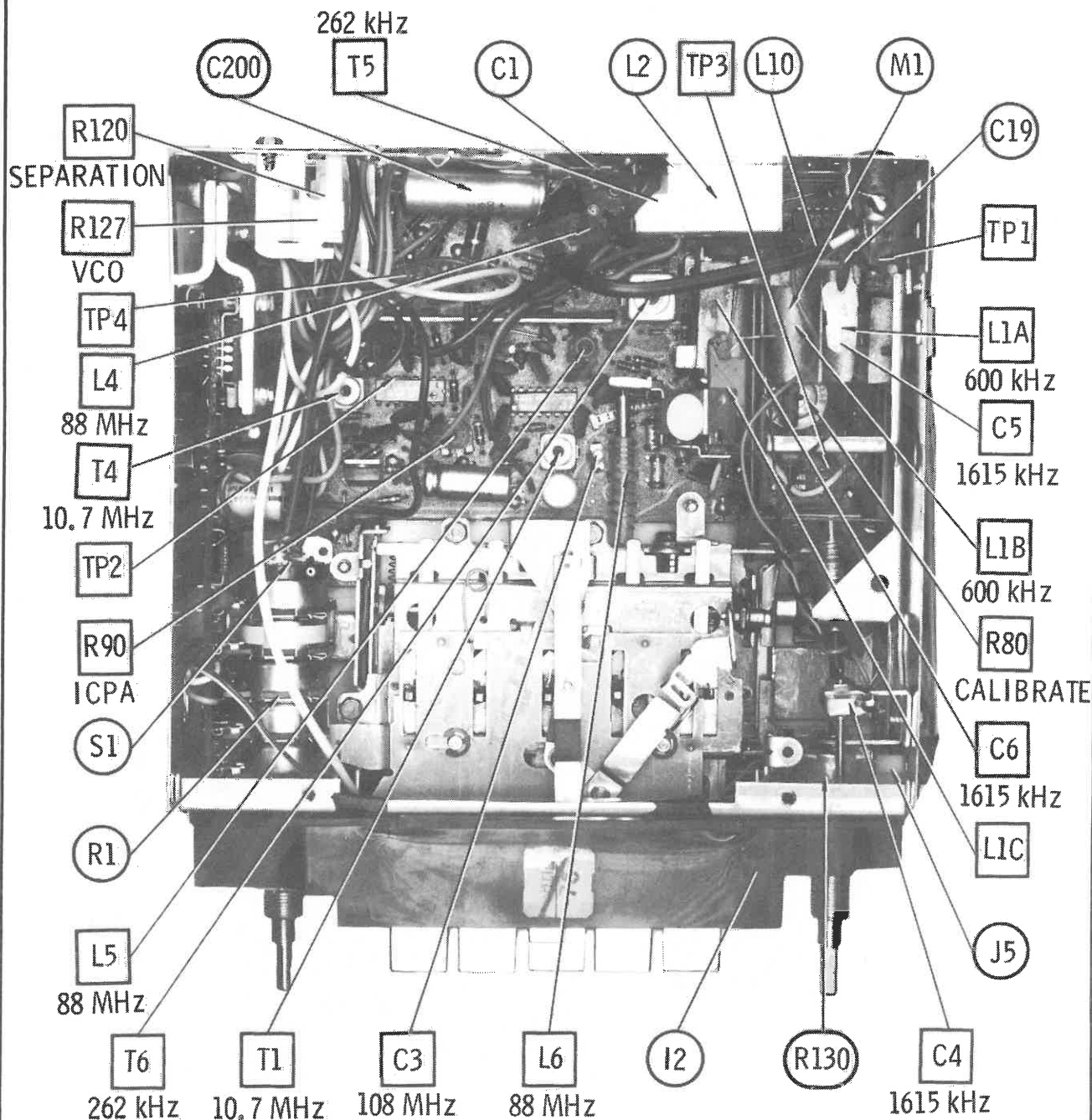
FM RF ALIGNMENT—SELECTOR IN FM POSITION

Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead. Adjustment of coils by bending should not be attempted unless the coil is deformed or replaced.

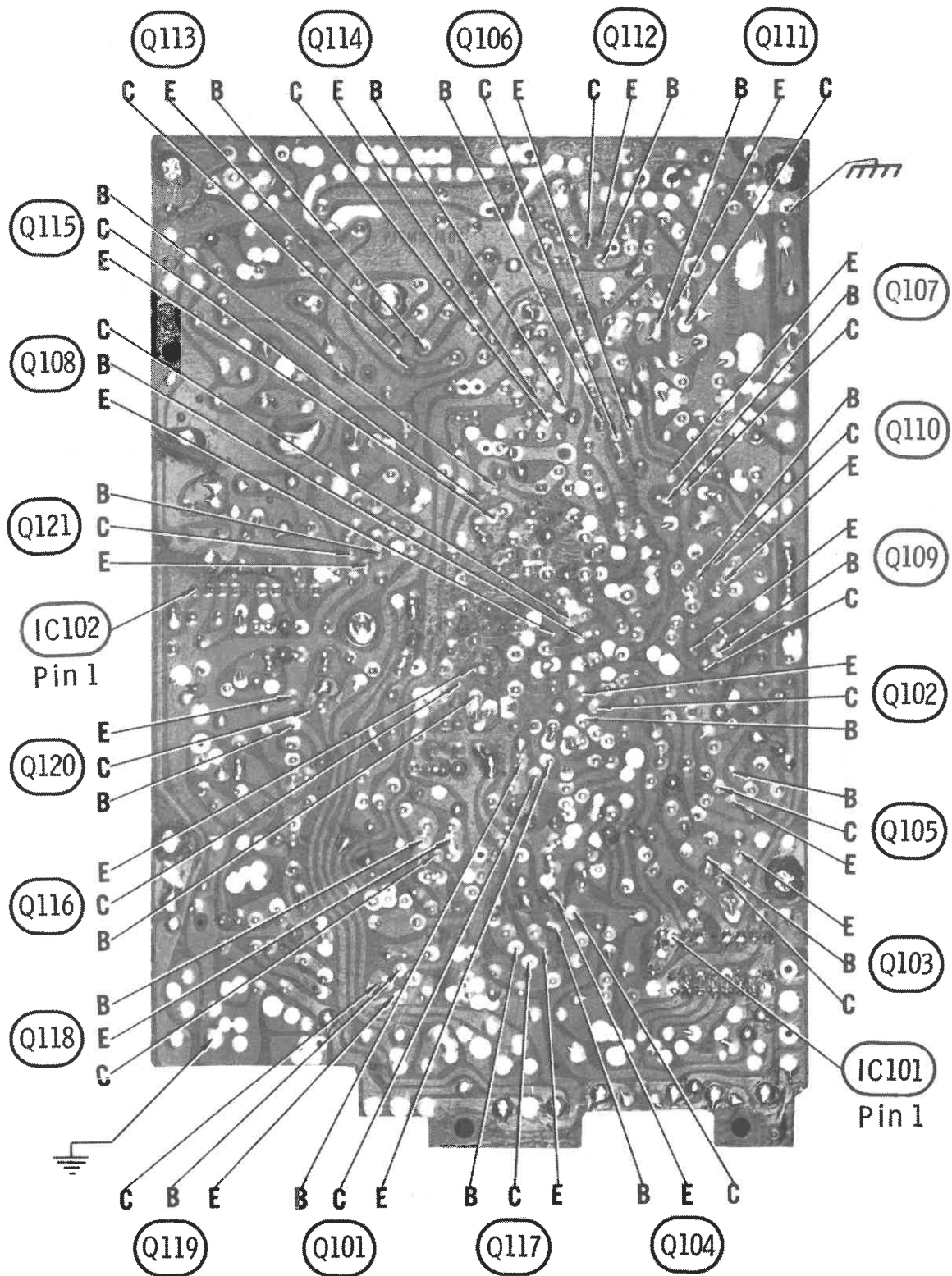
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
108MHz Modulated	108MHz	AC probe of VTVM to	C3	Adjust for maximum.
88MHz Modulated	88MHz	"	L6, L5, L4	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

FM STEREO ADJUSTMENT

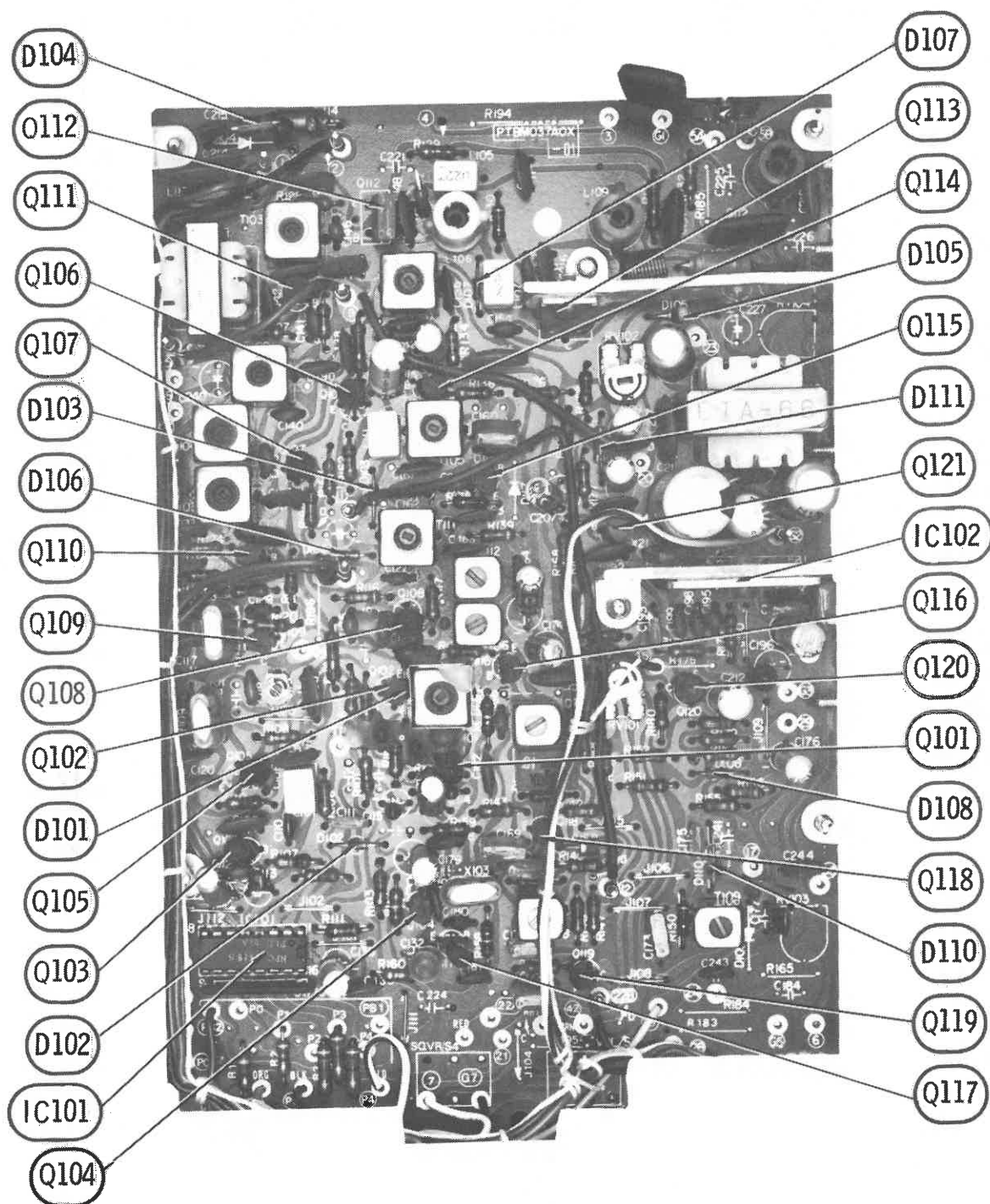
Tune receiver for a stereo signal. Adjust balance control for equal channel output. Adjust Separation control R120 for best separation. Adjust R90 for .76V at TP4. With weak stereo signal, adjust R127 until stereo indicator comes on.



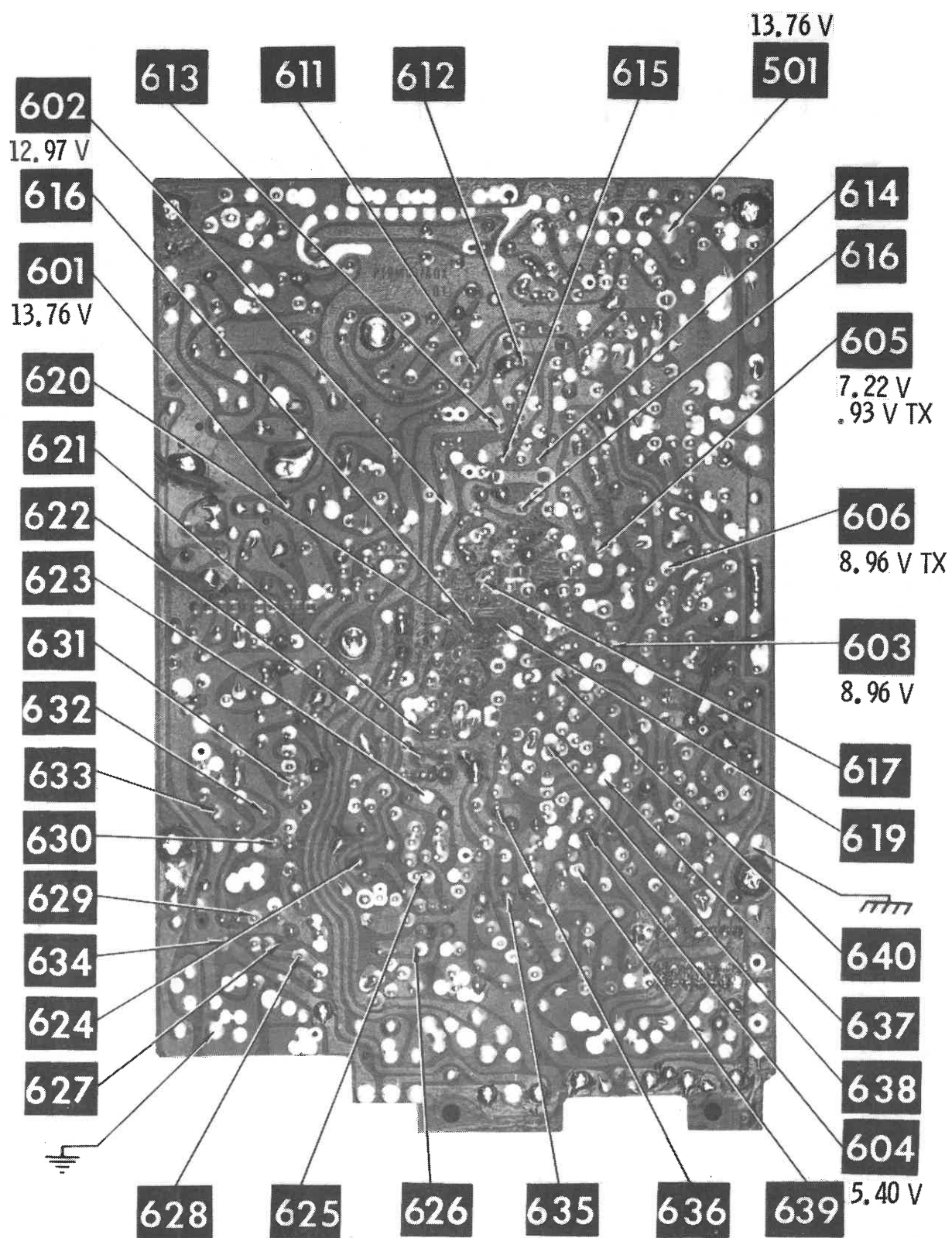
CHASSIS-TOP



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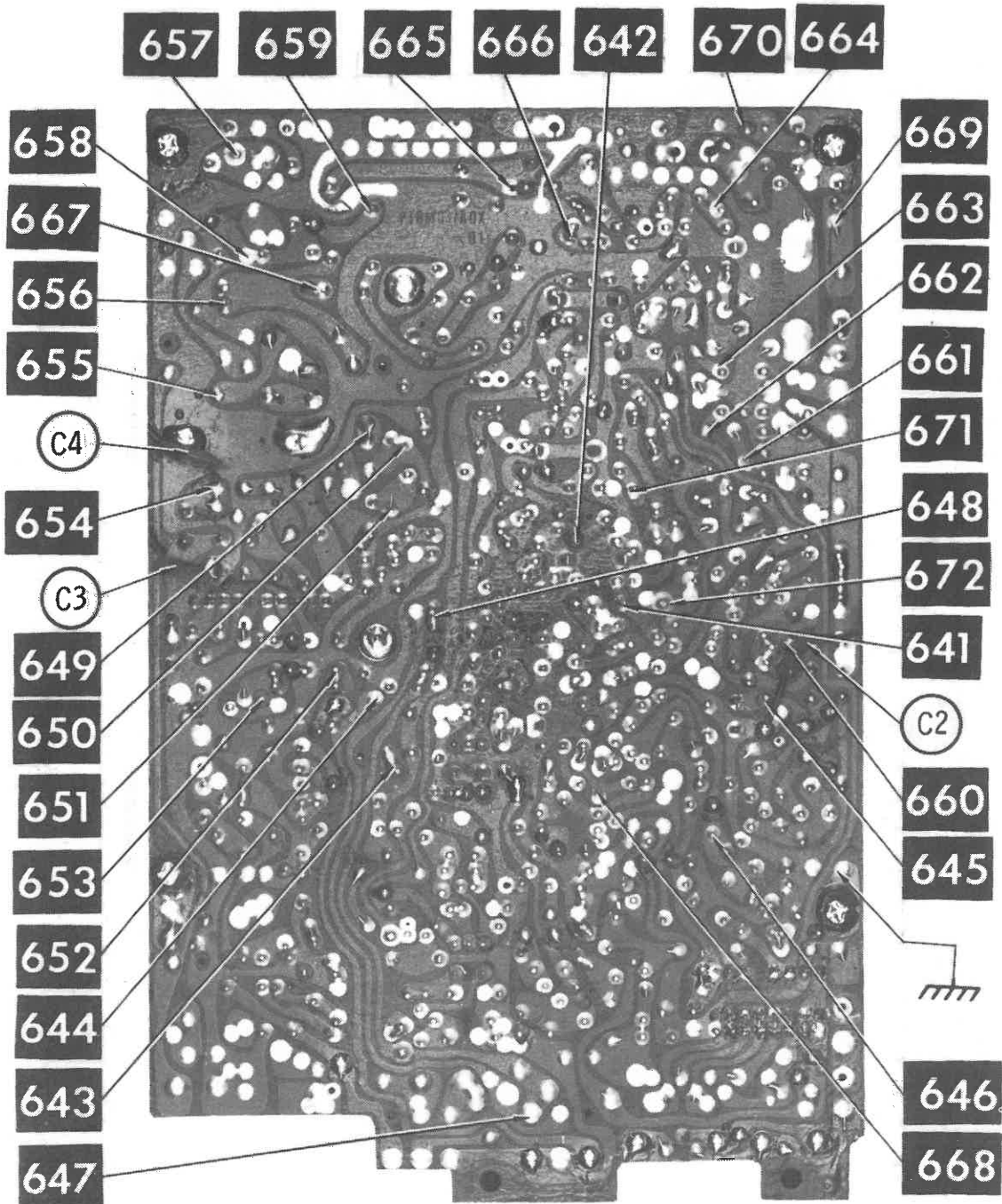


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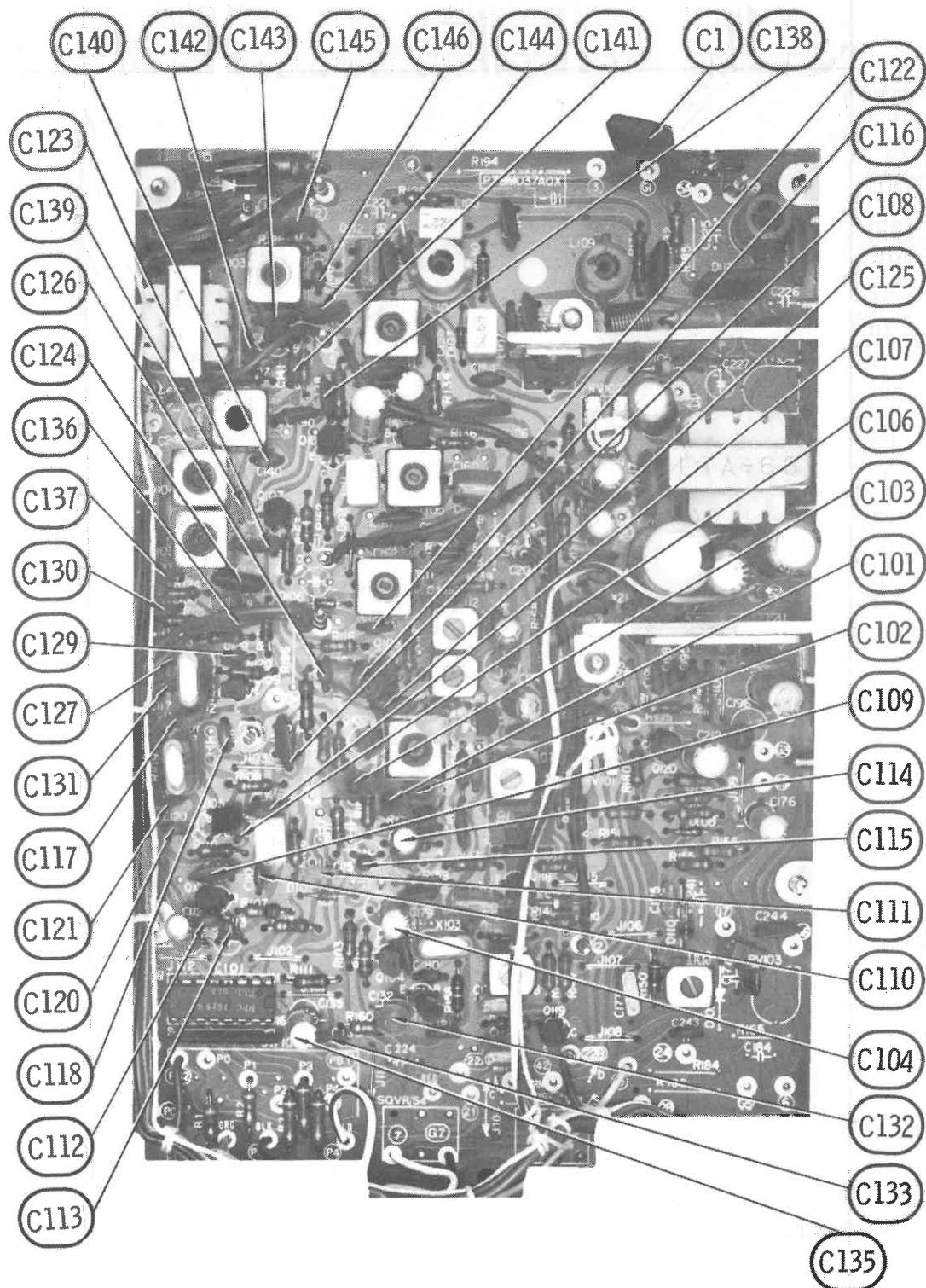


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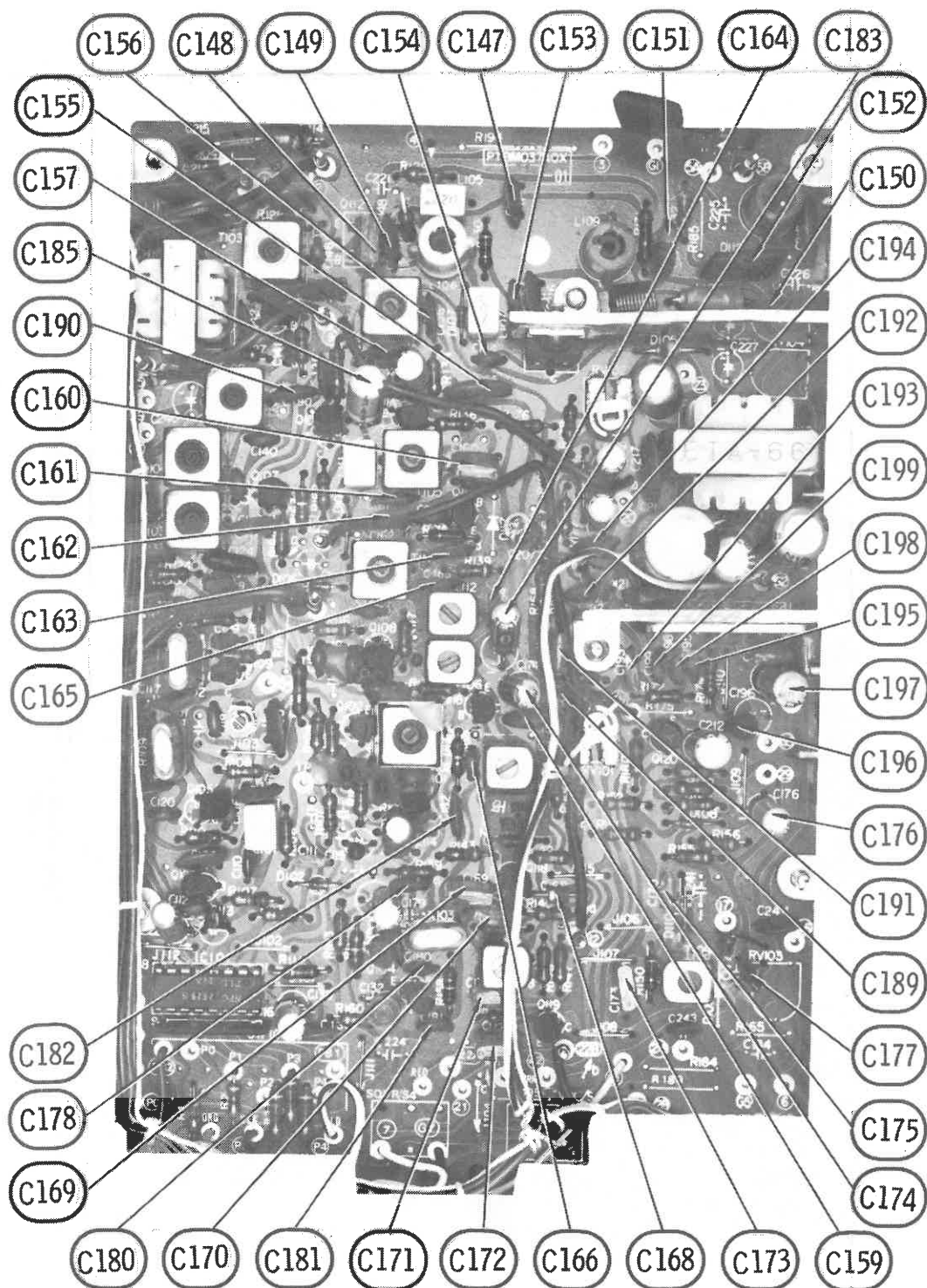
DELCO 1977 SERIES



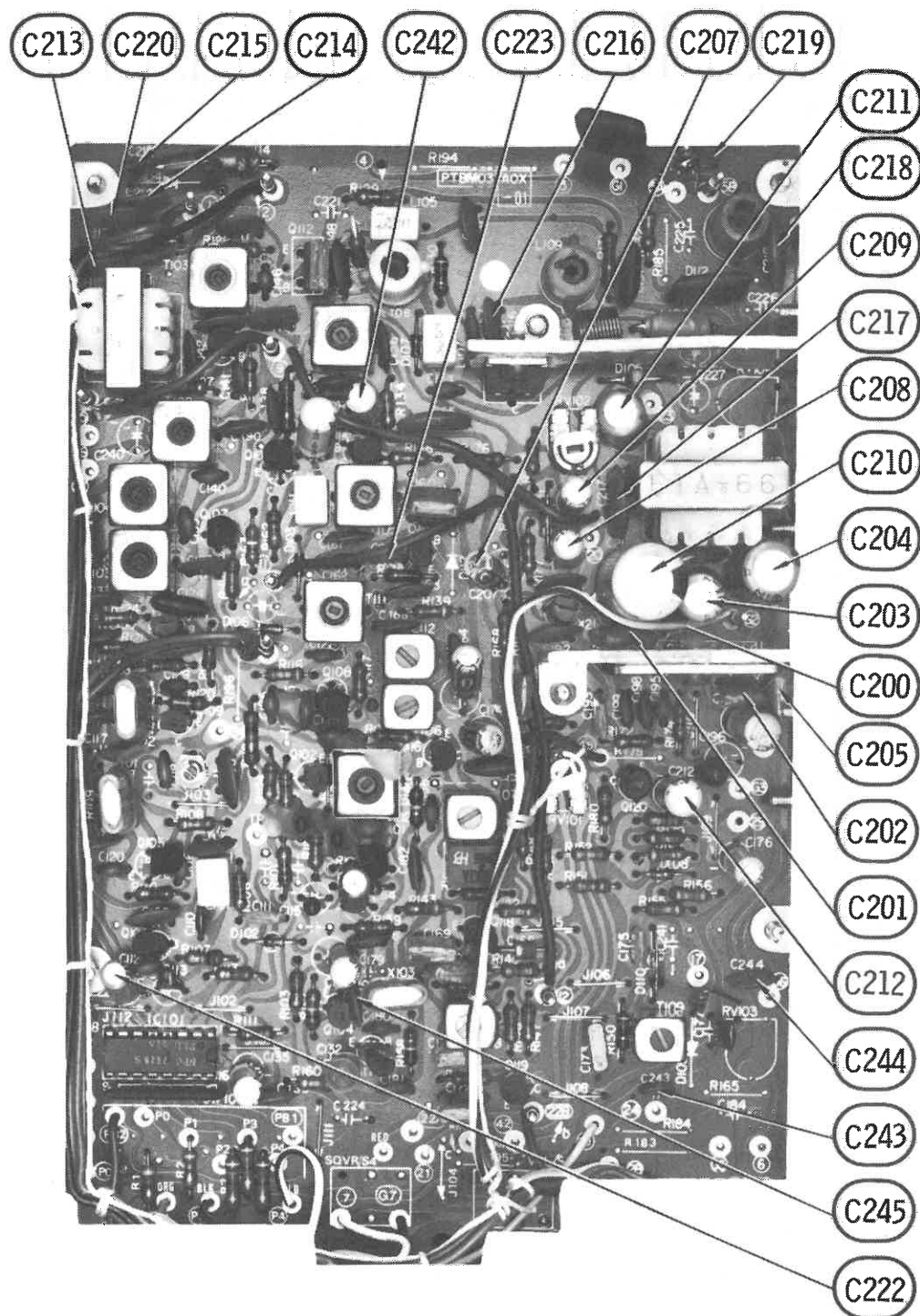
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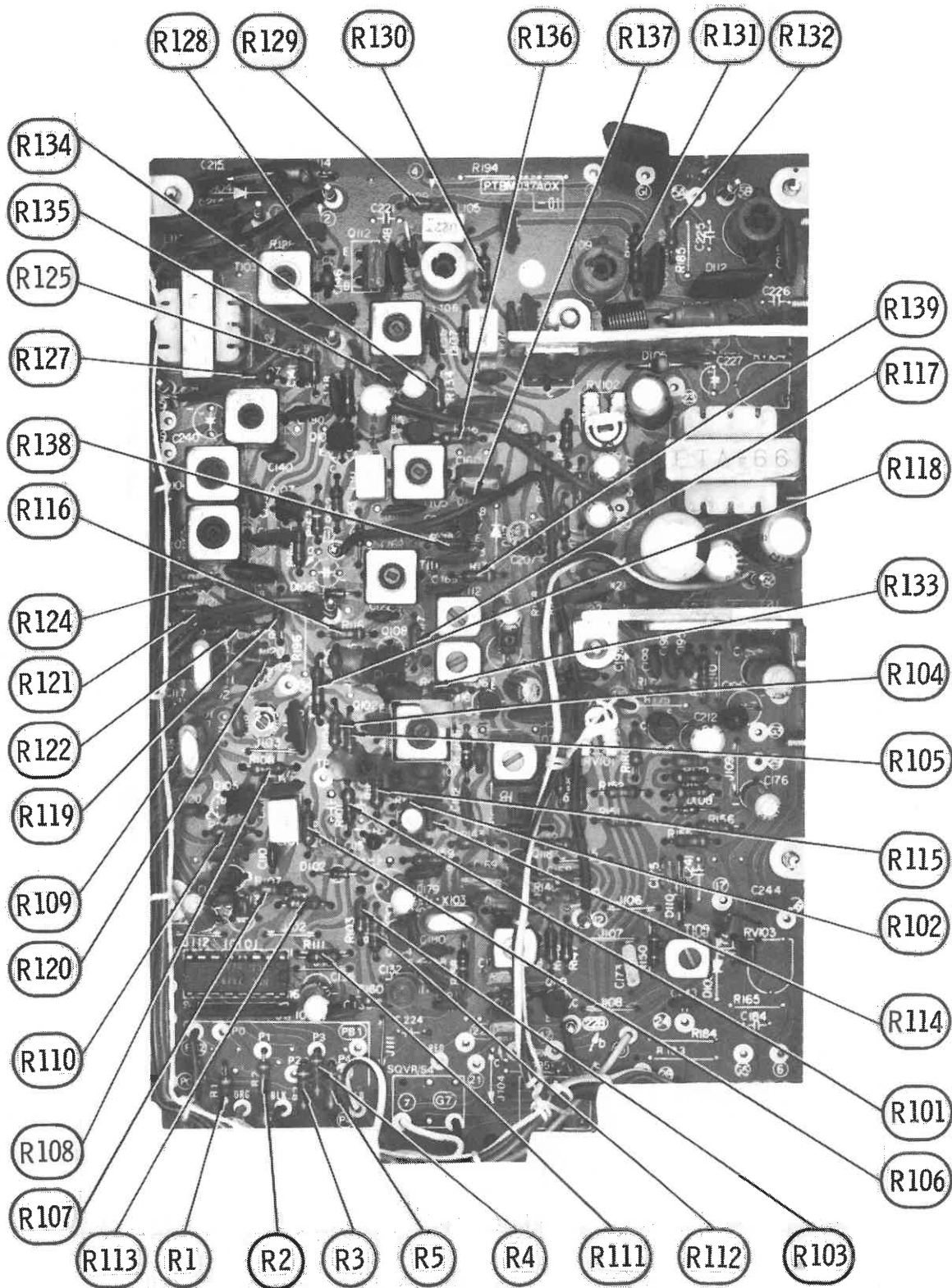
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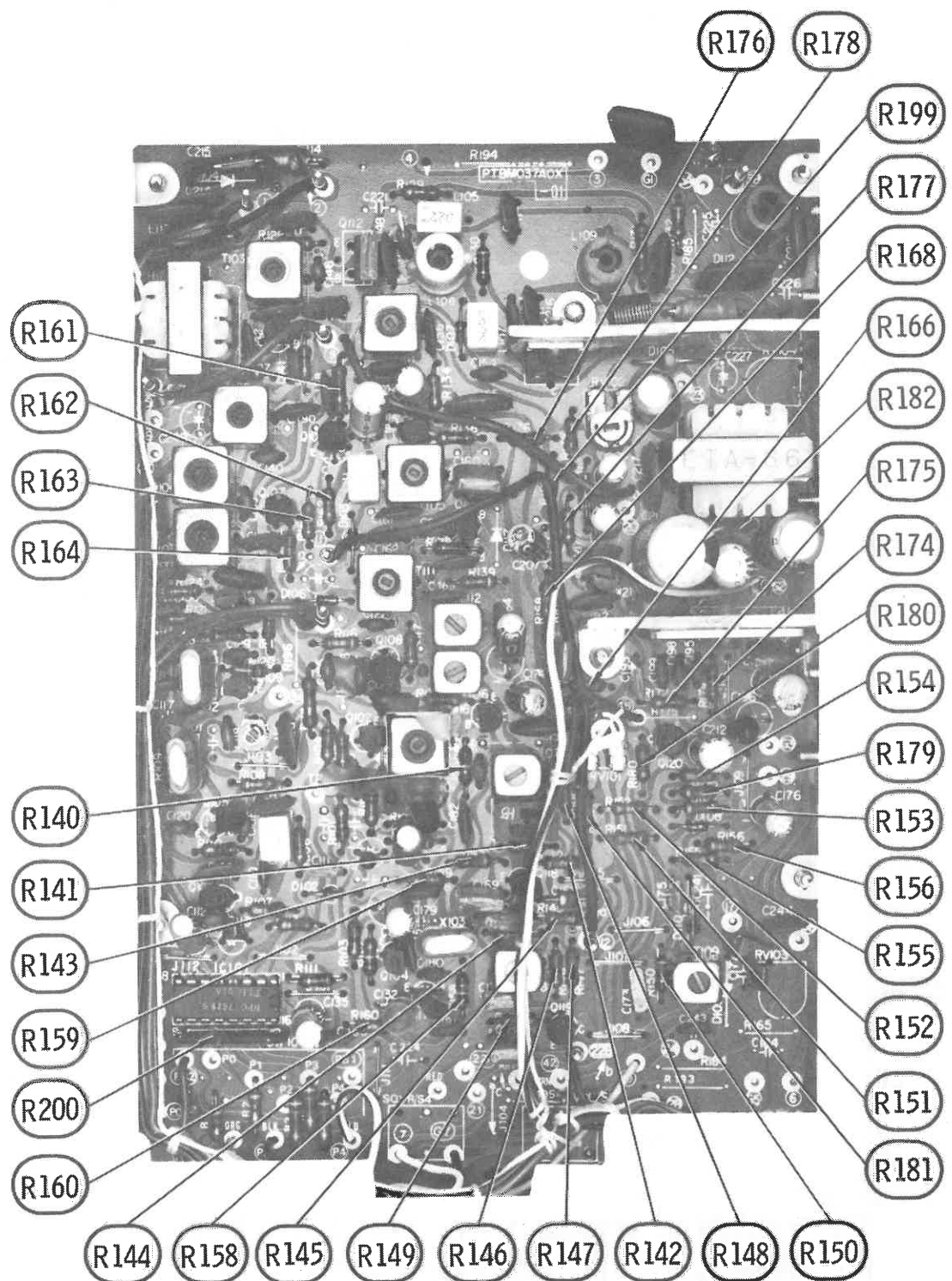
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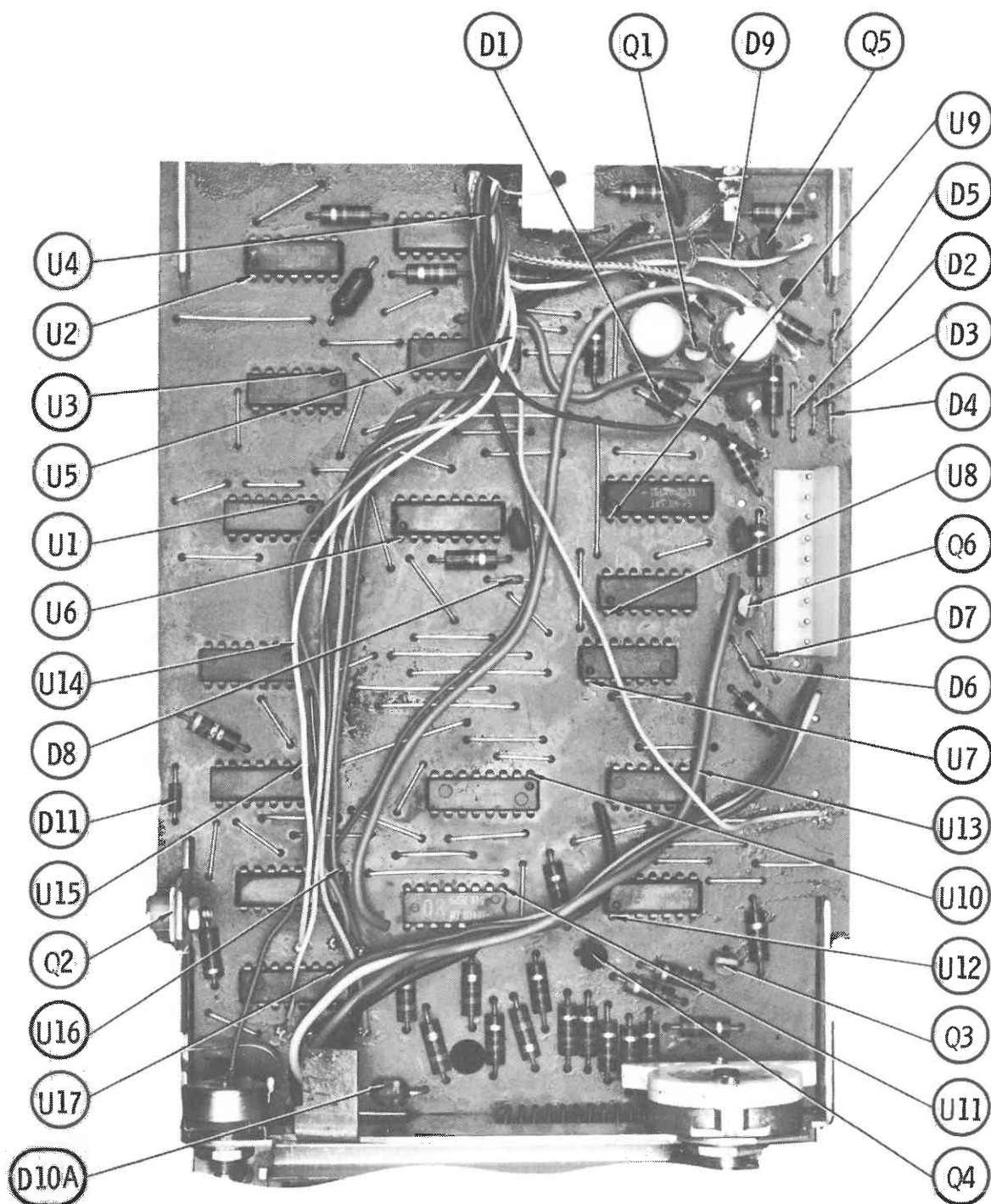
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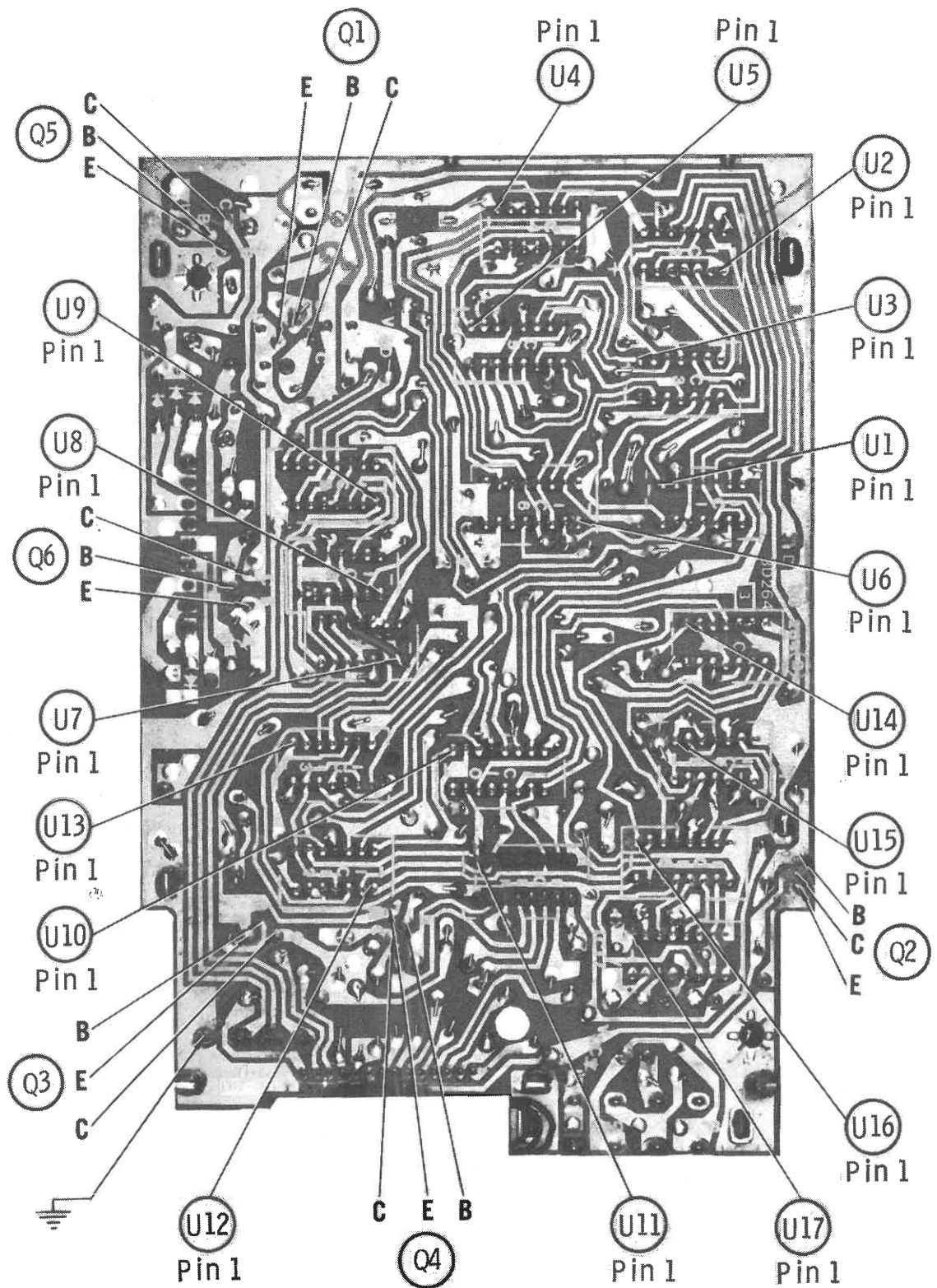
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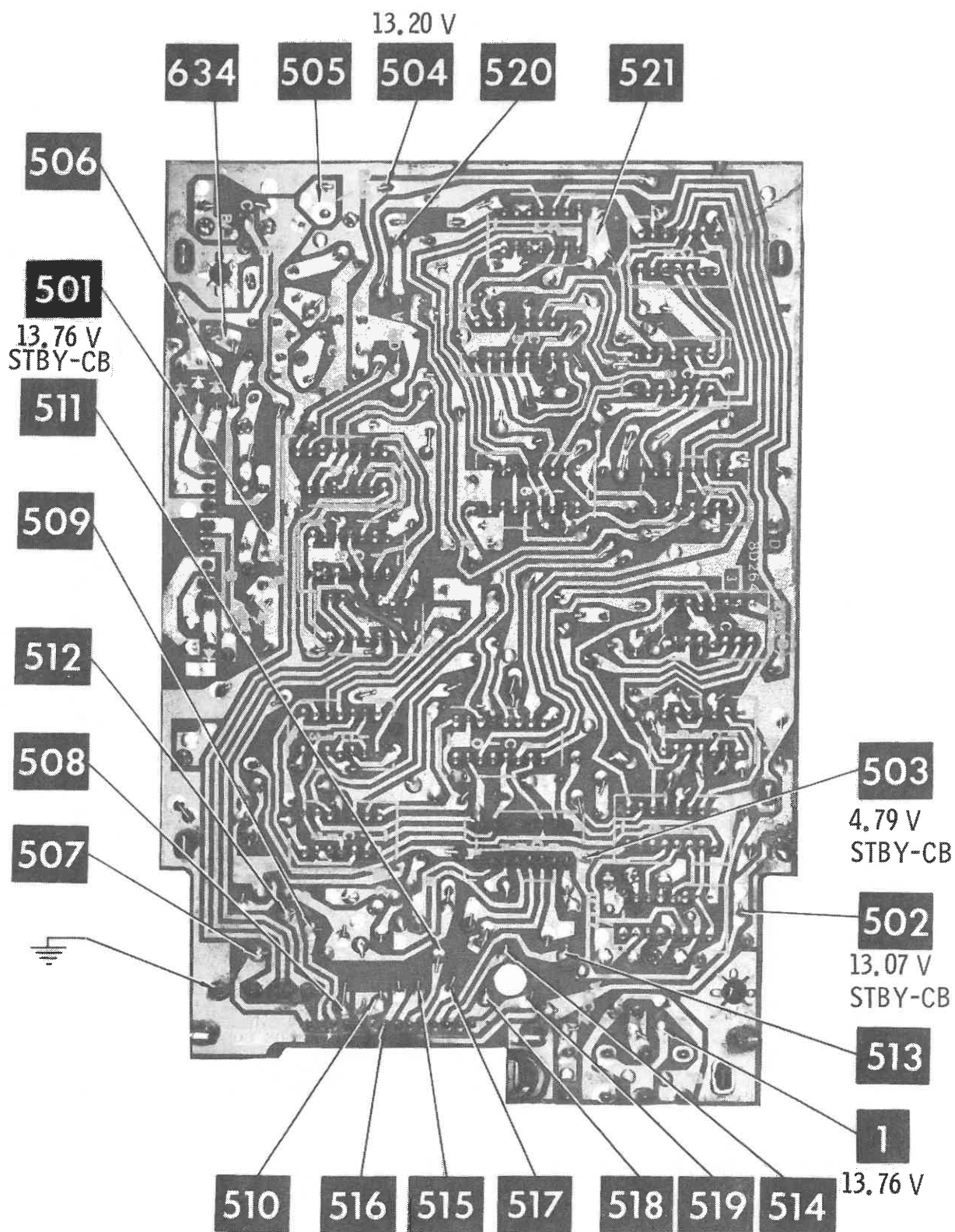
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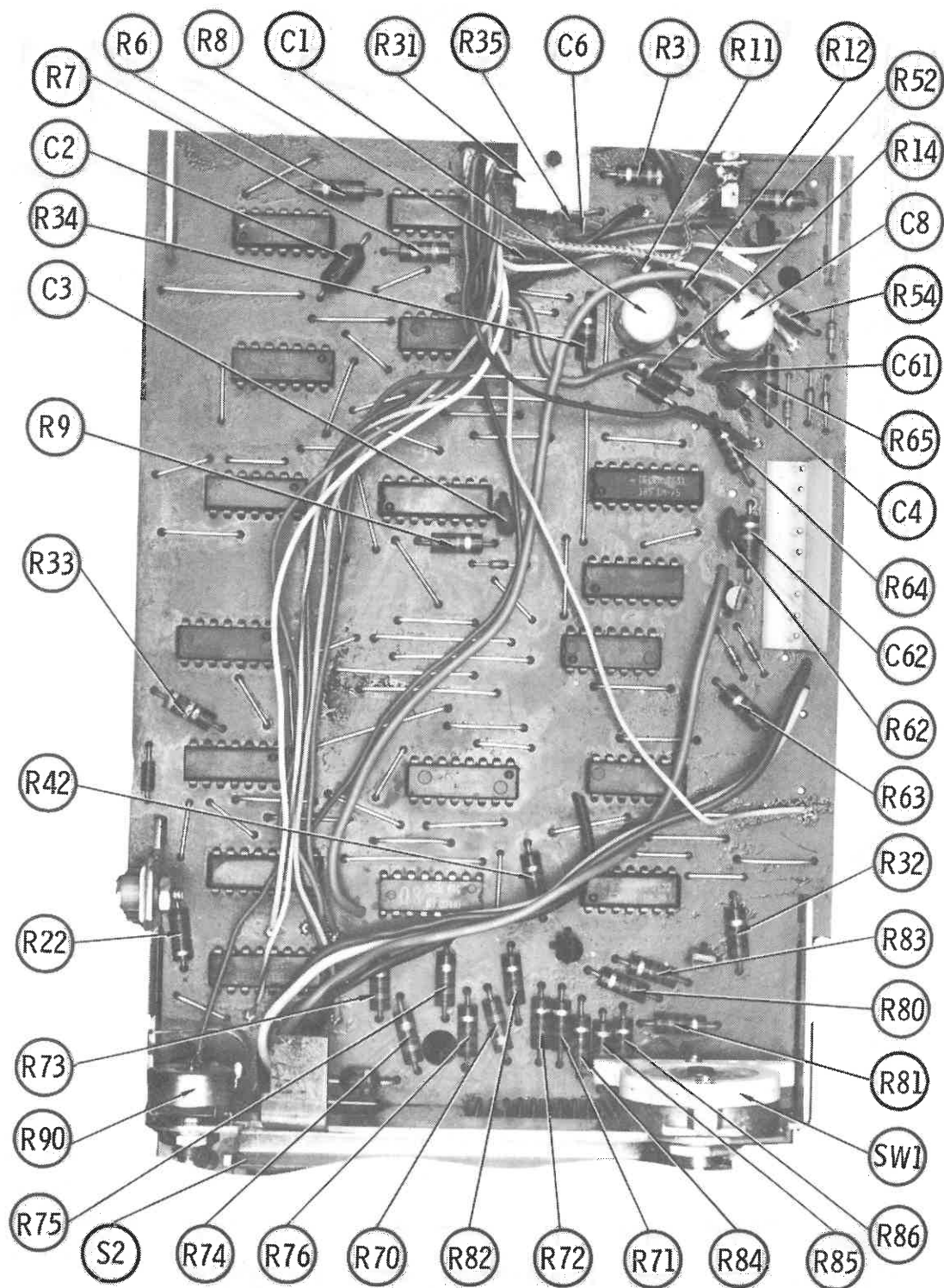
SWITCH LOGIC BOARD



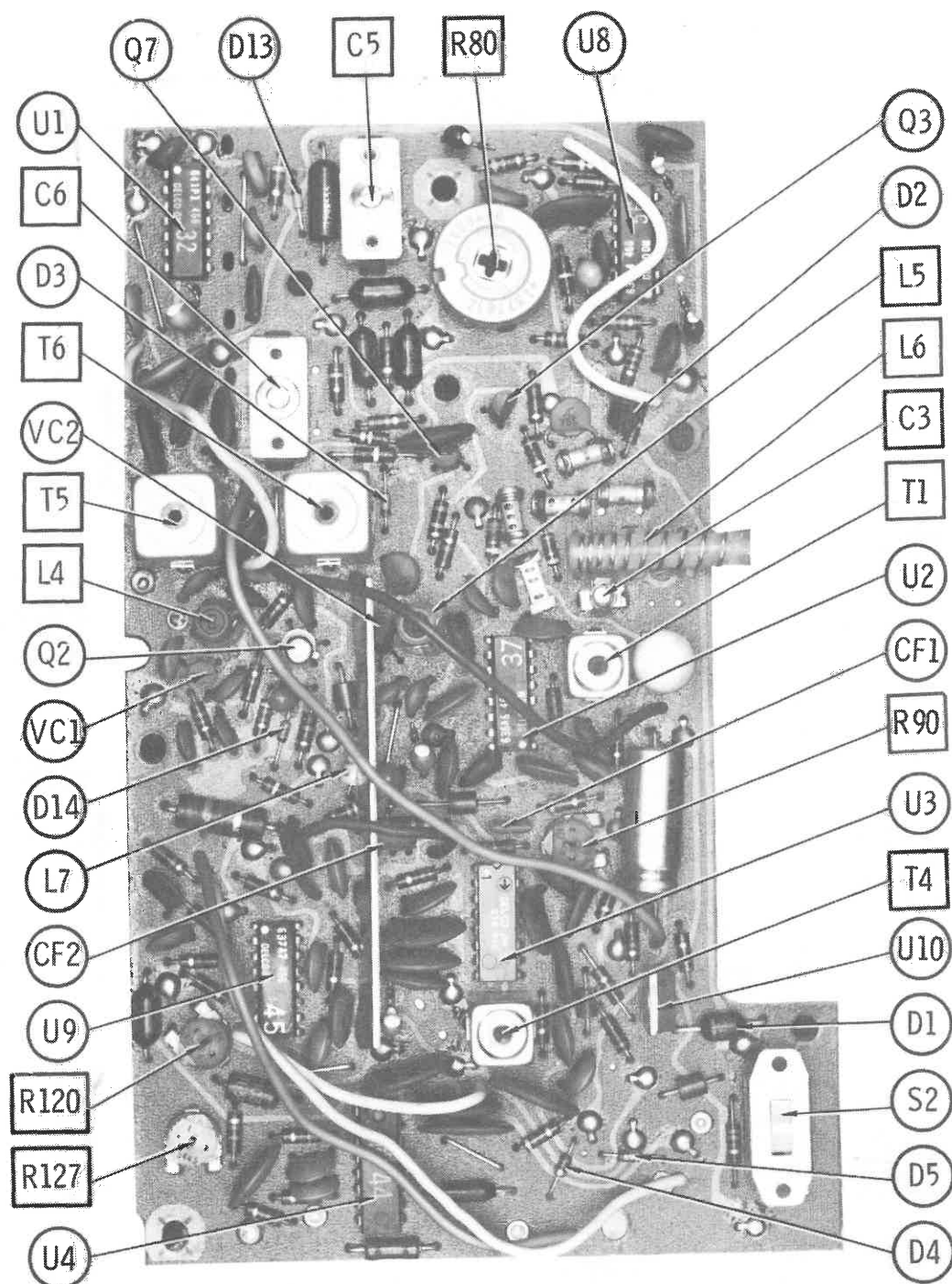
SWITCH LOGIC BOARD



SWITCH LOGIC BOARD



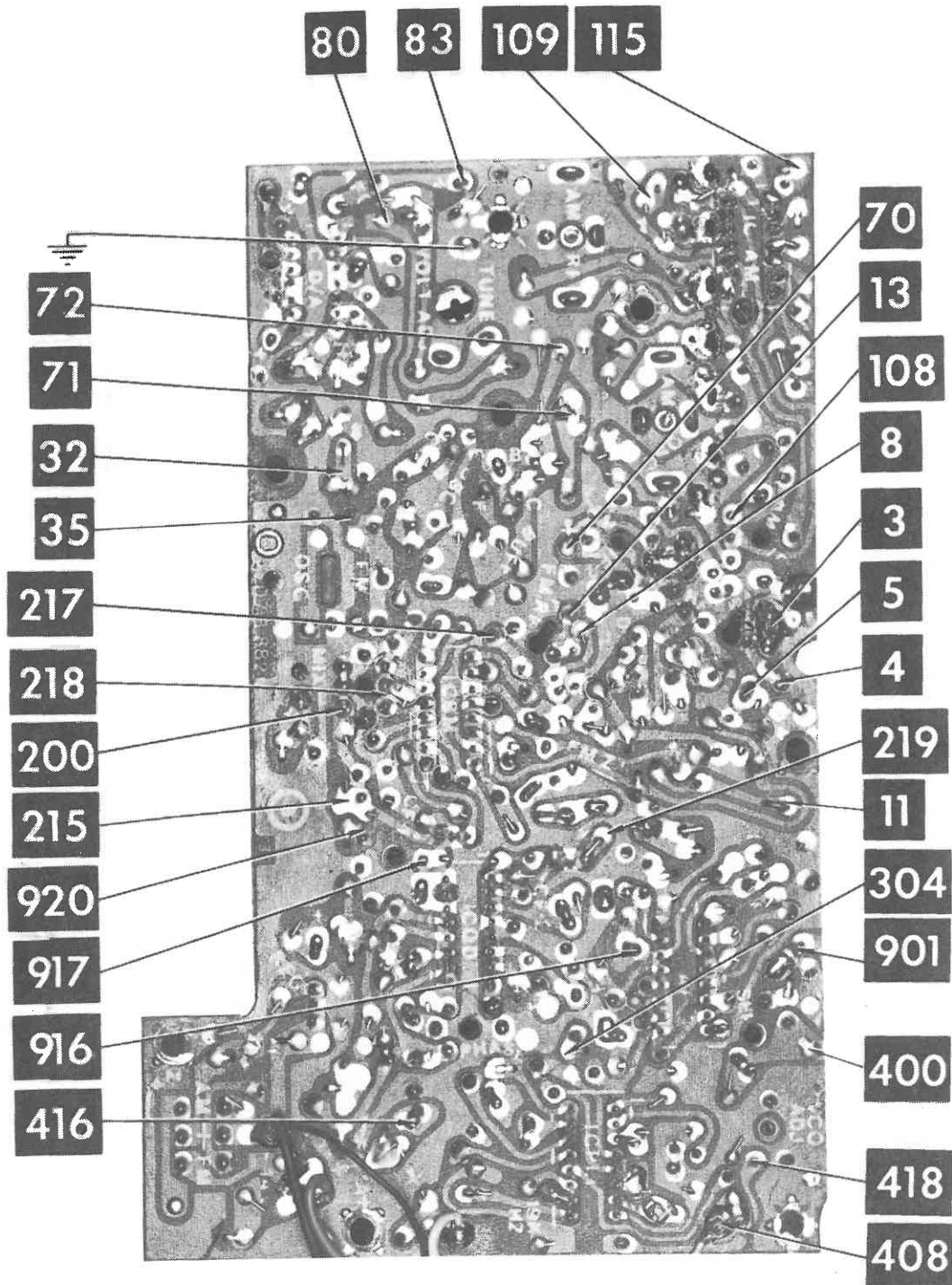
SWITCH LOGIC BOARD



AM - FM BOARD

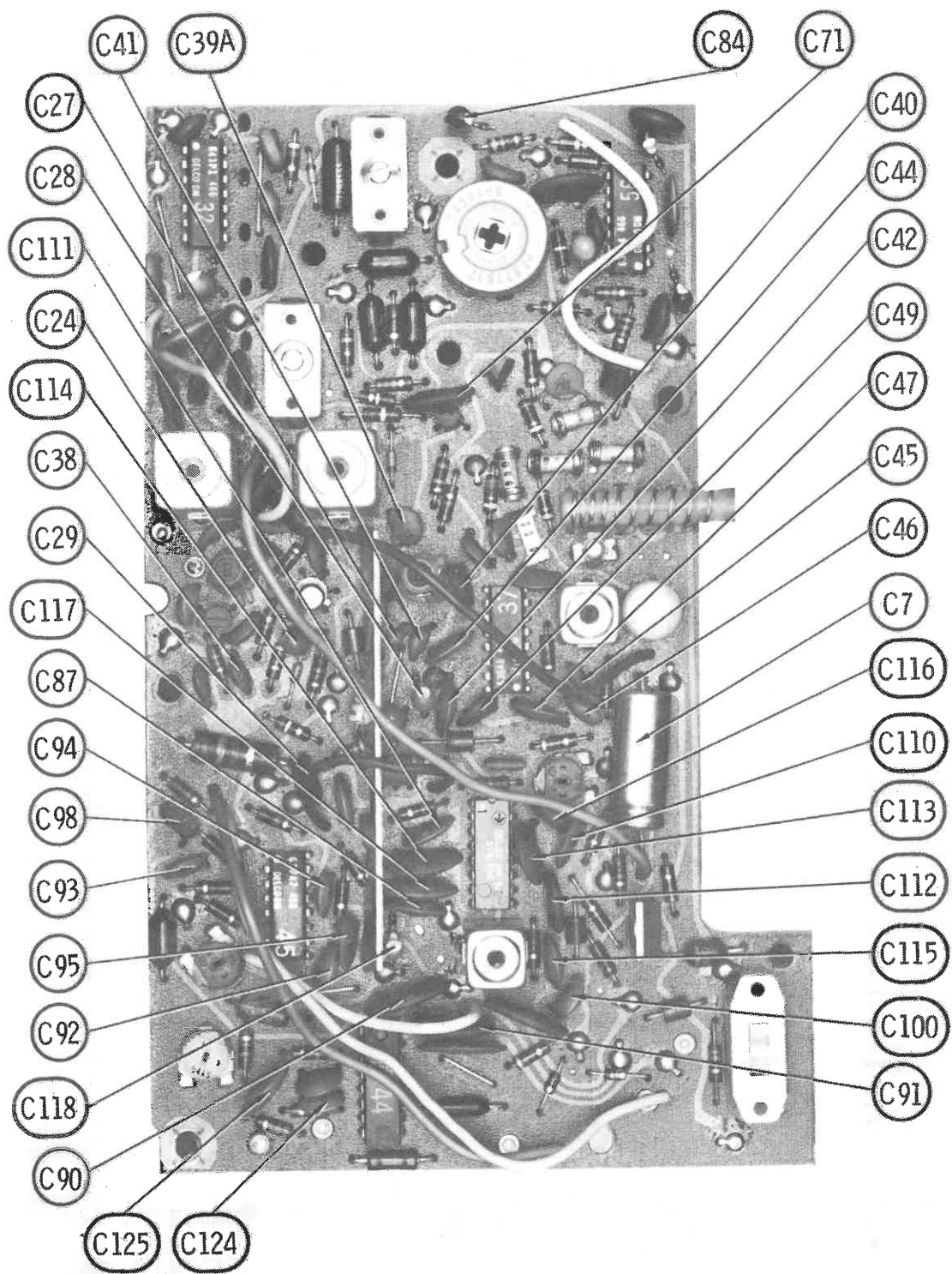


AM - FM BOARD

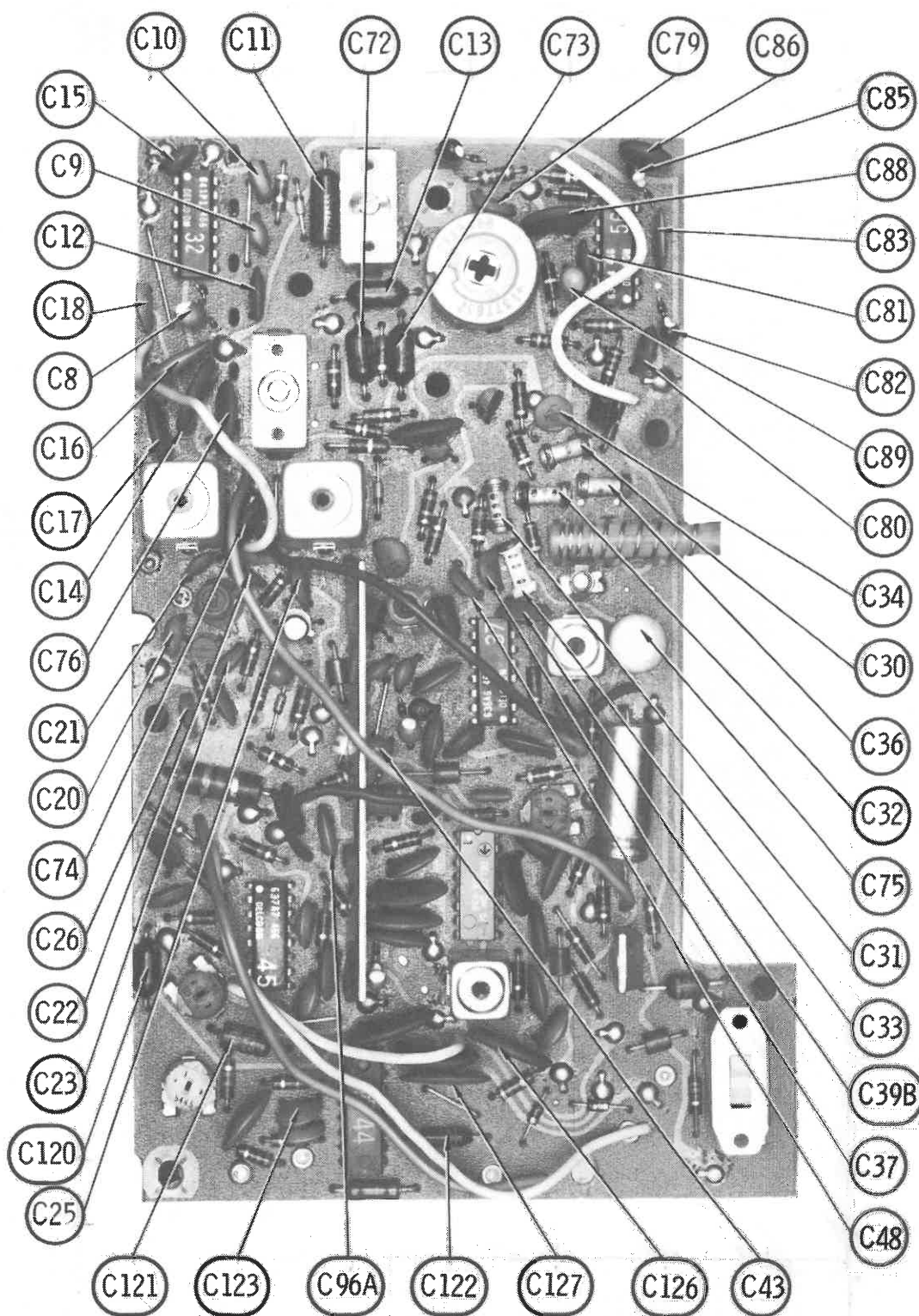


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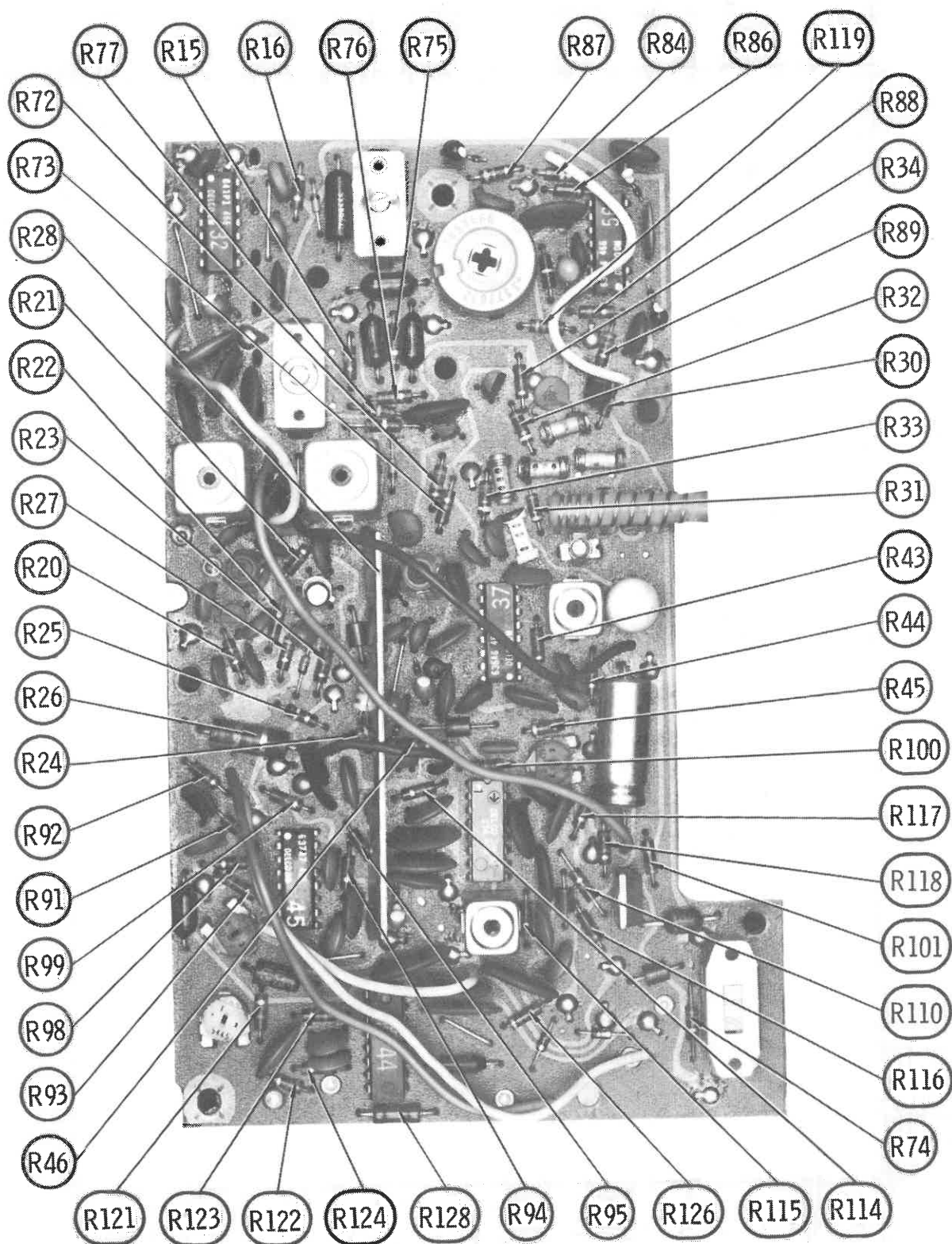
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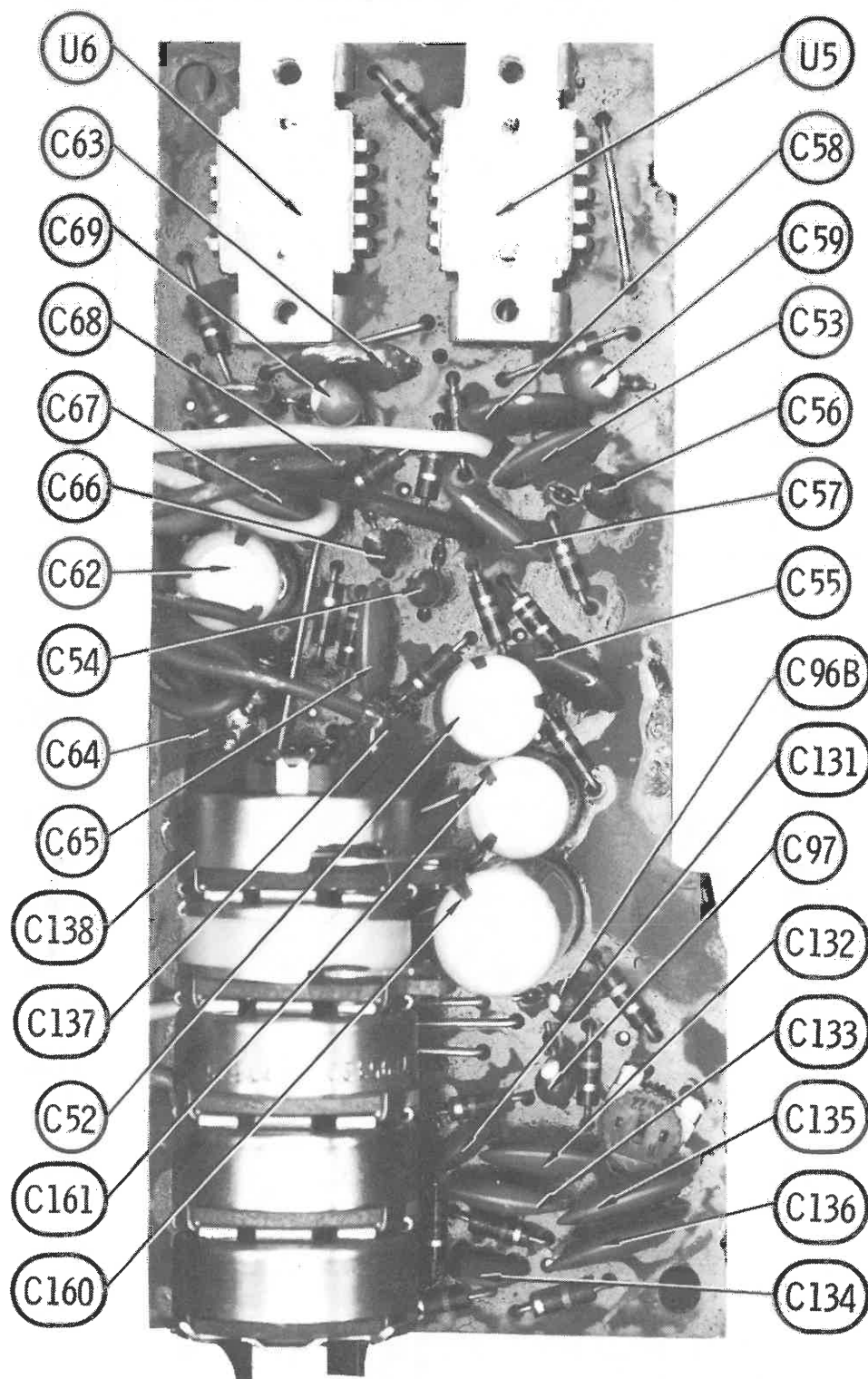
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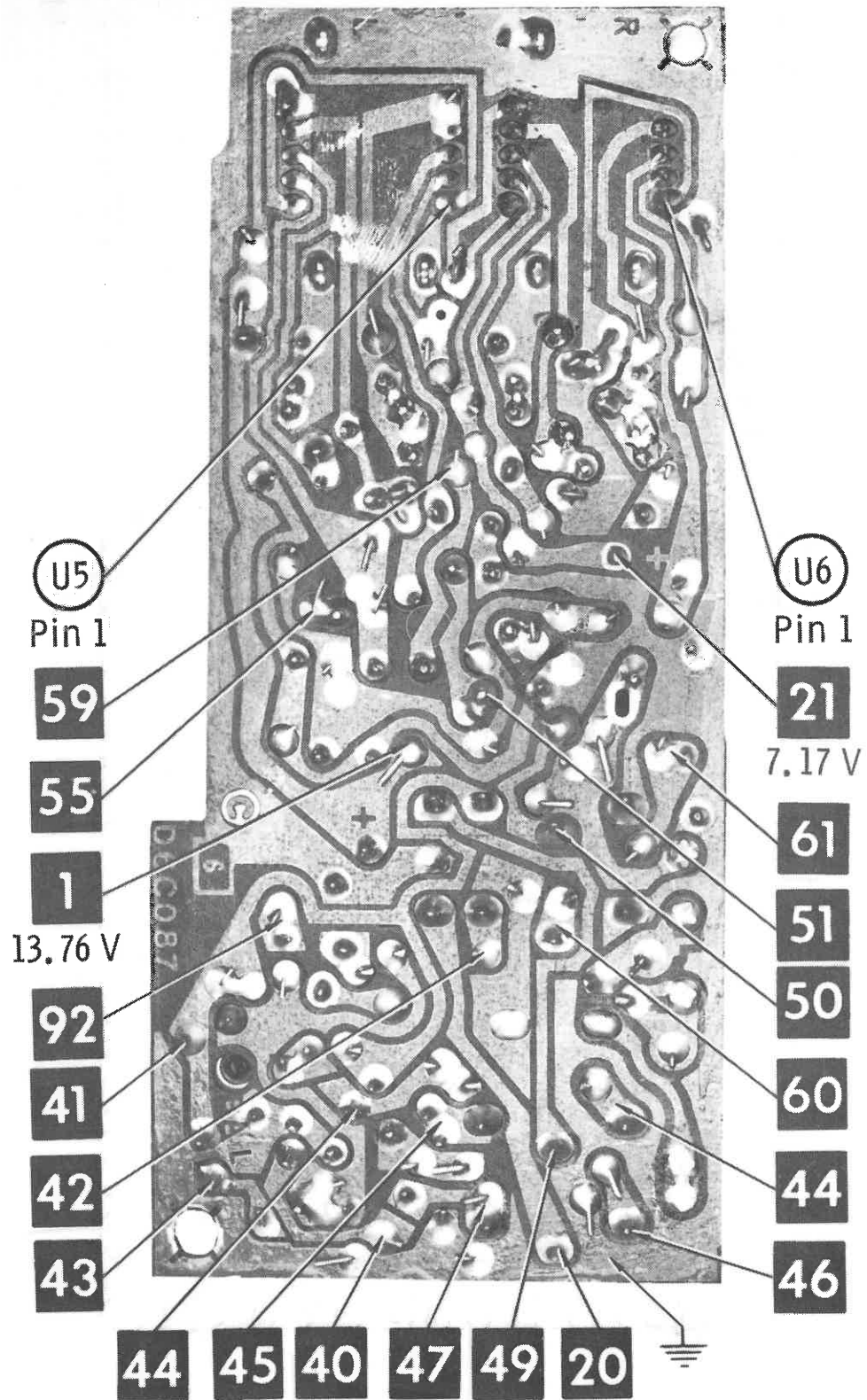
AM - FM BOARD



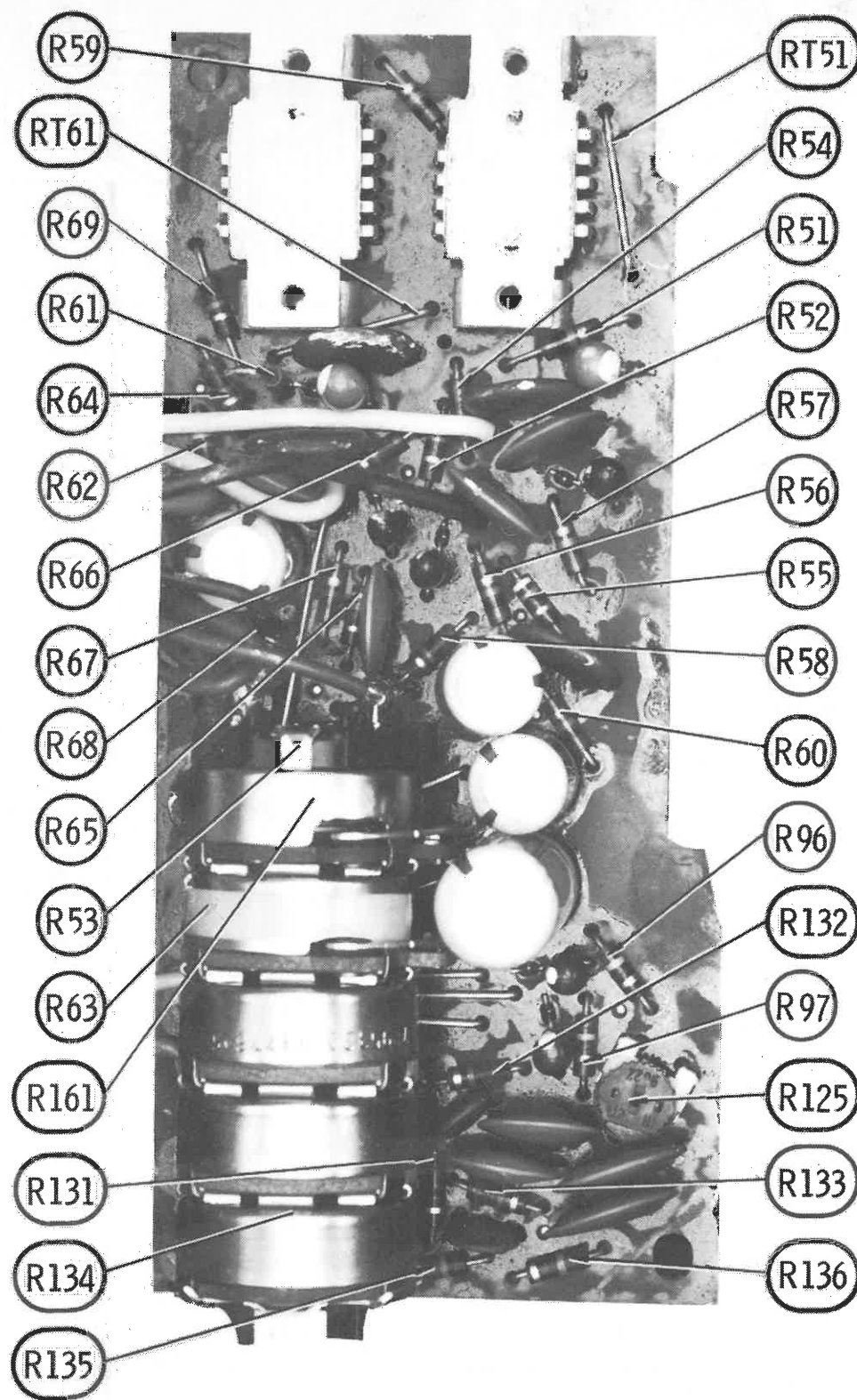
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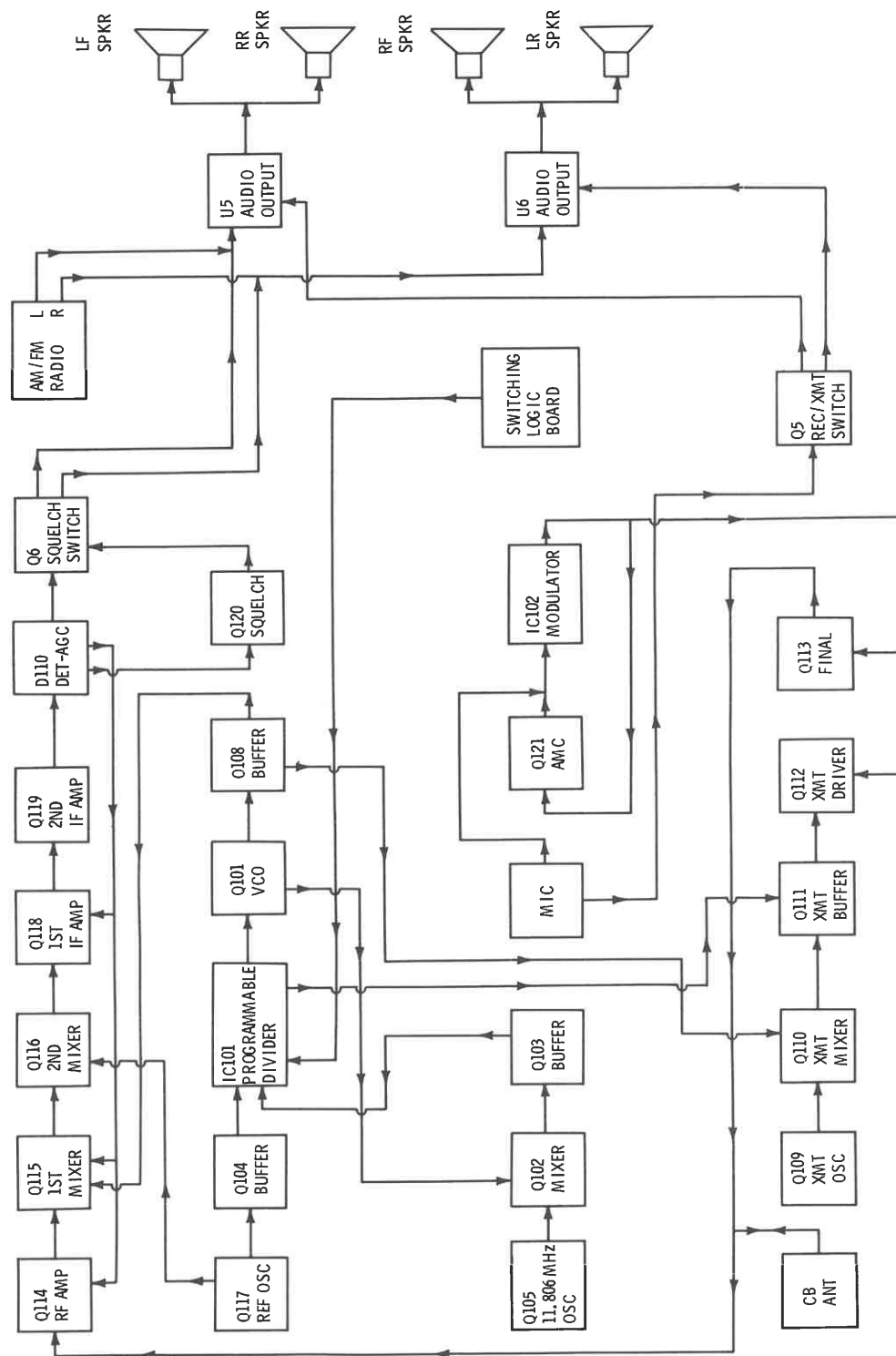
AUDIO BOARD



AUDIO BOARD



AUDIO BOARD



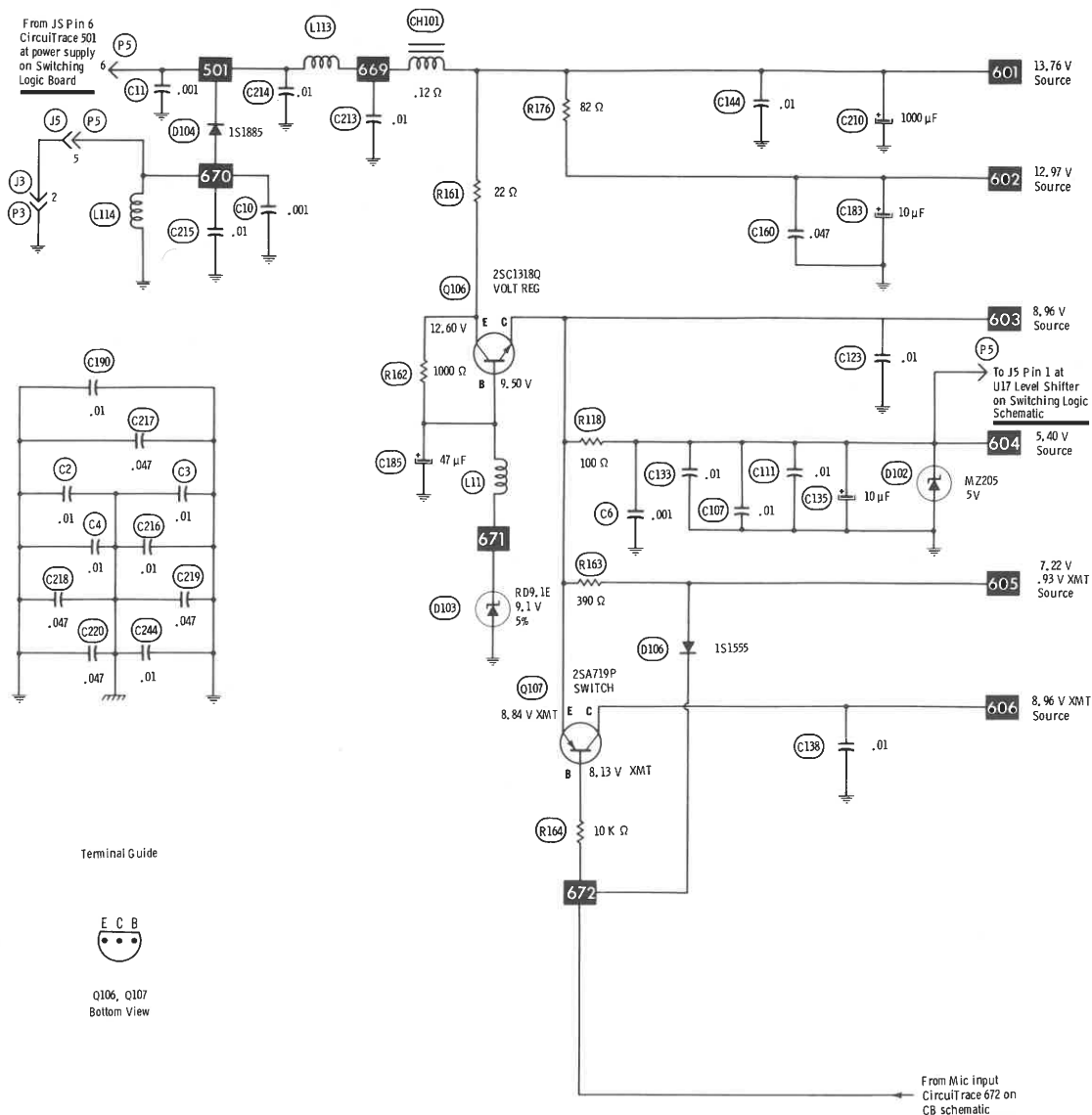
BLOCK DIAGRAM

TRUTH CHART

1 = 5.40 Volts 0 = 0 Volts

C H A N N E L	L117 Level Shifter							C H A N N E L	IC101 PROGRAM DIVIDER					REC VCO OUTPUT IN MHz TP11
	PINS								PINS					
	2	4	6	10	12	15			11	12	13	14	15	
1	0	0	0	0	0	0		1	0	0	0	0	0	37.6592
2	0	0	1	1	0	0		2	0	0	0	0	1	37.6692
3	0	1	0	0	0	0		3	0	0	0	1	0	37.6792
4	1	0	0	0	0	0		4	0	0	1	0	0	37.6992
5	1	0	1	1	0	0		5	0	0	1	0	1	37.7092
6	1	1	0	0	0	0		6	0	0	1	1	0	37.7192
7	1	1	1	1	0	0		7	0	0	1	1	1	37.7292
8	0	0	1	1	1	0		8	0	1	0	0	1	37.7492
9	0	1	0	0	1	0		9	0	1	0	1	0	37.7592
10	0	1	1	1	1	0		10	0	1	0	1	1	37.7692
11	1	0	0	0	1	0		11	0	1	1	0	0	37.7792
12	1	1	0	0	1	0		12	0	1	1	1	0	37.7992
13	1	1	1	1	1	0		13	0	1	1	1	1	37.8092
14	0	0	0	0	0	1		14	1	0	0	0	0	37.8192
15	0	0	1	1	0	1		15	1	0	0	0	1	37.8292
16	0	1	1	1	0	1		16	1	0	0	1	1	37.8492
17	1	0	0	0	0	1		17	1	0	1	0	0	37.8592
18	1	0	1	1	0	1		18	1	0	1	0	1	37.8692
19	1	1	0	0	0	1		19	1	0	1	1	0	37.8792
20	0	0	0	0	1	1		20	1	1	0	0	0	37.8992
21	0	0	1	1	1	1		21	1	1	0	0	1	37.9092
22	0	1	0	0	1	1		22	1	1	0	1	0	37.9192
23	1	0	1	1	1	1		23	1	1	1	0	1	37.9492

DELCO 1977 SERIES



- ✖ Circuitry not used in some versions
 - Circuitry used in some versions
 - ⊙ See parts list
 - ✱ Nominal value
 - ⊥ Ground
 - Chassis
 - ▽ Common tie point
- Measurements made in Channel 1 with
switching as shown unless noted.
Item numbers in rectangles appear in the
alignment/adjustment instructions.
Supply voltage maintained as shown at input.
Voltages measured with digital meter, no signal.
Controls adjusted for normal operation.
Arrow at control indicates direction of advance.
Terminal identification may not be found on unit.
Resistors are 1/2W or less, 5% unless noted.
Value in () used in some versions.

A PHOTOFAC STANDARD NOTATION SCHEMATIC

WITH CIRCUITTRACE

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CB POWER SUPPLY SCHEMATIC

CB PARTS LIST AND DESCRIPTION

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS[®] for the most up-to-date replacement.

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D101	ITT410	1223925	GE-90	D201	PTC311	HEPR2503	RE 195	SK3126	RT-262	ECG610
D102	MZ-205	1223926		WEP602			RE 105			ECG135
D103	RD9.1E	1223927	GEZD-9.1				RE 114			ECG139A
D104	1S1885	1223928	GE-504A	5A4D	ZB9.1B		RE 49	SK3030	RT-240	ECG116
D105	V06C	1223929	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D106	1S1555	1223930	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D107	1S1555	1223930	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D108	1S1555	1223930	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D110	1N60	1223931	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
D111	1N60	1223931	1N60	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109
IC101	PLL02A	1223909					RE 360-IC			ECG1167
IC102	BA521	1223910					RE 359-IC			ECG1166
Q101	2SC710	1223911	GE-211 *	(IR)2SC710	PTC115	HEPS0016 *	RE 13 *	SK3018 *	RT-308 *	ECG123A *
Q102	2SC710	1223911	GE-211 *	(IR)2SC710	PTC115	HEPS0016 *	RE 13 *	SK3018 *	RT-308 *	ECG123A *
Q103	2SC829D	1223912	GE-20 *	(IR)2SC829B	PTC121 *	HEPS0015 *	RE 9 *	SK3122	RT-308	ECG229 *
Q104	2SC710	1223911	GE-211 *	(IR)2SC710	PTC115	HEPS0016 *	RE 13 *	SK3018 *	RT-308 *	ECG123A *
Q105	2SC710	1223911	GE-211 *	(IR)2SC710	PTC115	HEPS0016 *	RE 13 *	SK3018 *	RT-308 *	ECG123A *
Q106	2SC13180	1223913	GE-210 *	TR-21 *	PTC178	HEPS0015 *	RE 17 *	SK3122	RT-302	ECG128 *
Q107	2SA719P	1223914	GE-269	TR-28 *	PTC103 *	HEPS0019 *	RE 26 *	SK3114	RT-305	ECG290
Q108	2SC1359C	1223915	GE-212	(IR)2SC380A0	PTC121 *	HEPS0014 *	RE 192	SK3038 *	RT-308	ECG199
Q109	2SC710	1223911	GE-211 *	(IR)2SC710	PTC115	HEPS0016 *	RE 13 *	SK3018 *	RT-308 *	ECG123A *
Q110	2SC710	1223911	GE-211 *	(IR)2SC710	PTC115	HEPS0016 *	RE 13 *	SK3018 *	RT-308 *	ECG123A *
Q111	2SC1687	1223916	GE-20 *	TR-24 *	PTC121 *	HEPS0015 *	RE 13 *	SK3018 *	RT-107A *	ECG123A *
Q112	2SC1760	1223917(12)	GE-276	WEP1014			RE 224	SK3197	RT-310	ECG306
Q113	2SC1678	1223918(13)	GE-322	WEP1678	PTC186		RE 203	SK3197	RT-146	ECG235
Q114	2SC1047B	1223919	GE-60 *	(IR)2SC829B	PTC132 *	HEPS0016 *	RE 28 *	SK3018 *	RT-107	ECG161 *
Q115	2SC1359B	1223915	GE-212	(IR)2SC380A0	PTC121 *	HEPS0014 *	RE 192	SK3038 *	RT-308	ECG199
Q116	2SC829C	1223912	GE-20 *	(IR)2SC829B	PTC121 *	HEPS0015 *	RE 9 *	SK3122	RT-308	ECG229 *
Q117	2SC710	1223911	GE-211 *	(IR)2SC710	PTC115	HEPS0016 *	RE 13 *	SK3018 *	RT-308 *	ECG123A *
Q118	2SC829C	1223912	GE-20 *	(IR)2SC829B	PTC121 *	HEPS0015 *	RE 9 *	SK3122	RT-308	ECG229 *
Q119	2SC829C	1223912	GE-20 *	(IR)2SC829B	PTC121 *	HEPS0015 *	RE 9 *	SK3122	RT-308	ECG229 *
Q120	2SC372Y	1223920	GE-61 *	(IR)2SC372	PTC121 *	HEPS0015 *	RE 13 *	SK3122	RT-308	ECG123A *
Q121	2SA733	1224031	GE-48	TR-31	PTC103 *	HEPS0019 *	RE 26 *	SK3138	RT-303	ECG294

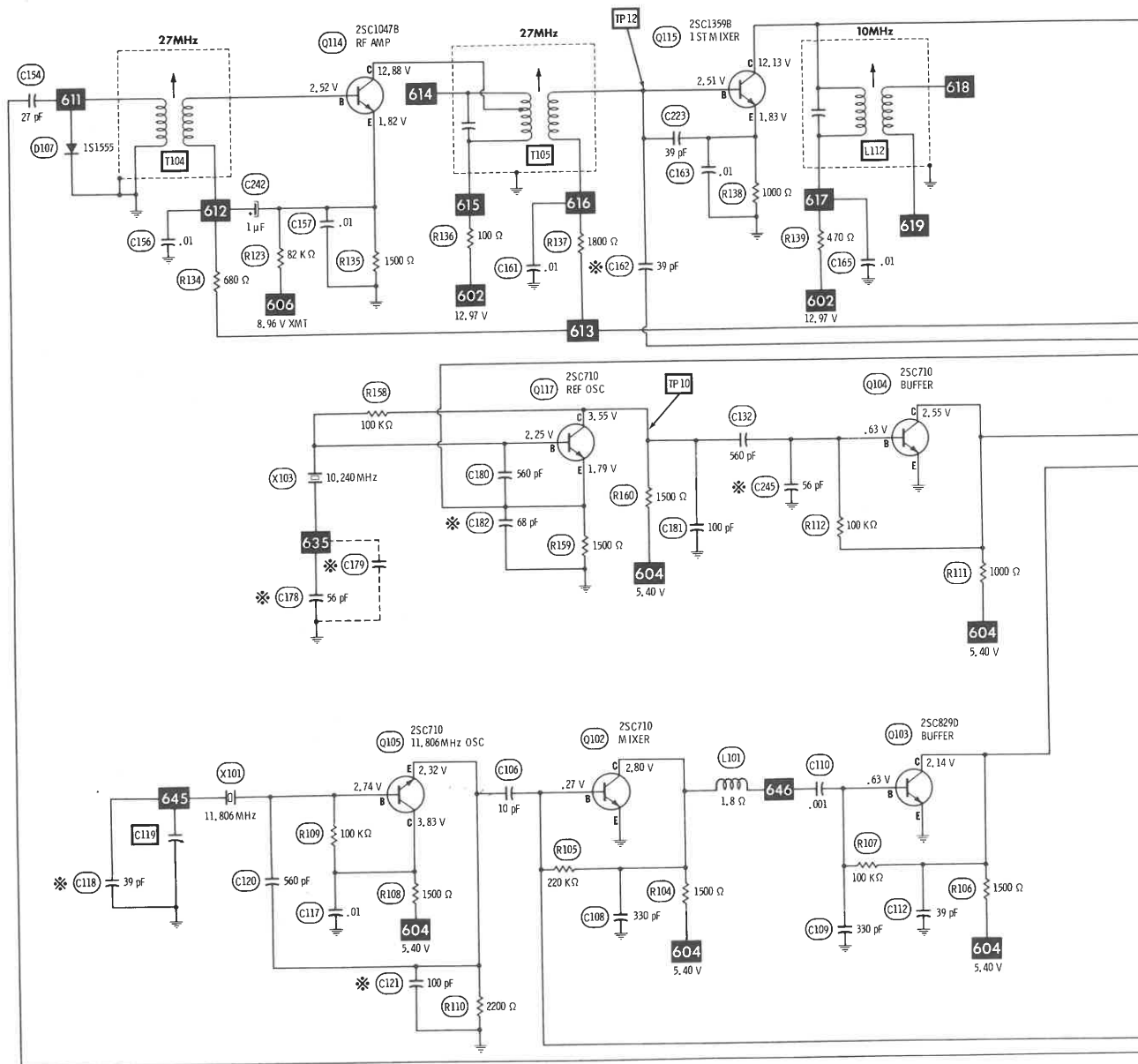
DELCO 1977 SERIES

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C104	10 16V	1223976	PC10-25	VTT10B25	QV1-41	EV-1222
C113	.22 50V	1223983		TDC224M050EL	QDT1-10	SD50-R229
C114	10 16V	1223984	PC10-25	VTT10B25	QV1-41	EV-1222
C115	.1 50V	1223985		TDC104M050EL	QDT1-2	SD50-R109
C135	10 16V	1223976	PC10-25	VTT10B25	QV1-41	EV-1222
C174	3.3 25V	1224008	PC5-50	VTT3R3A50	QV1-23	EV-1318
C176	1 50V	1224010	PC1-50	VTT1A50	QV1-11	EV-1615
C183	10 16V	1223976	PC10-25	VTT10B25	QV1-41	EV-1222
C185	47 10V	1224015	PC50-16	VTT47D16	QV1-73	EV-1226
C196	5.6 25V	1224035		TAC565K025P05	QDT1-51	SD25-SR69
C197	33 6.3V	1224019	PC30-25	VTT33B10	QV1-61	EV-1125
C203	47 10V	1224015	PC50-16	VTT47D16	QV1-73	EV-1226
C204	220 16V	1224024	PC250-25	VTT220H16	QV1-117	EV-1240
C207	10 16V	1223976	PC10-25	VTT10B25	QV1-41	EV-1222
C208	3.3 25V	1224008	PC5-50	VTT3R3A50	QV1-23	EV-1318
C209	1 50V	1224010	PC1-50	VTT1A50	QV1-11	EV-1615
C210	1000 16V	1224022	PC1000-16	VTT1000L16	QV1-183	EV-1260
C211	47 25V	1224033	PC50-25	VTT47E25	QV1-75	EV-1326
C212	33 6.3V	1224019	PC30-25	VTT33B10	QV1-61	EV-1125
C222	4.7 25V	1224023	PC5-50	VTT4R7B50	QV1-27	EV-1319
C242	1 50V	1224010	PC1-50	VTT1A50	QV1-11	EV-1615

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA					
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.		
						Q-LINE	GENERAL LINE	
C1	220 10% 500V	1223982	DC-103 DC-103 DC-103 DD-102G DD-102G DD-102G DD-102G DD-102G DD-102G DD-102G DD-102G DD-102G	CD15FD221J03	SX322	QW1-35	MMA-221	
C2	.01 50V			MGP01	TA110	QC2-141	TG-S10	
C3	.01 50V			MGP01	TA110	QC2-141	TG-S10	
C4	.01			MGP01	TA110	QC2-141	TG-S10	
C6	.001			GP1000	GP210	QC2-81	56A-D10	
C7	.001			GP1000	GP210	QC2-81	56A-D10	
C8	.001			GP1000	GP210	QC2-81	56A-D10	
C9	.001			GP1000	GP210	QC2-81	56A-D10	
C10	.001			GP1000	GP210	QC2-81	56A-D10	
C11	.001			GP1000	GP210	QC2-81	56A-D10	
C12	.001			GP1000	GP210	QC2-81	56A-D10	
C101	18 NPO 50V			DTZ-22	NP022	CN0418	10TCC-Q18	
C102	22 50V		CN0422			10TCC-Q22		
C103	1 NPO 50V		CN0510			10TCC-V10		
C106	10 50V		CN0410			10TCC-Q10		
C107	.01 50V		TA110			QC2-141		
C108	330 10% 50V		GP330			TG-S10		
C109	330 10% 50V		GP330			10TS-T33		
C110	.001 10% 50V		GP333			10TS-T33		
C111	.01 10% 50V		DPMS6D1			QF1-1		
C112	39 50V		WMF1S1			QF1-91		
C116	15 50V		DTZ-15			NP015	CN0439	10TCC-Q39
C117	.01 10% 50V						CN0415	10TCC-Q15
C118	39 N150 10% 50V						WMF1S1	QF1-91
				EWFA110	10TCP-Q39			
			*					



- ✱ Circuitry not used in some versions
 - Circuitry used in some versions
 - ⊖ See parts list
 - ✱ Nominal value
 - ⊕ Ground
 - ⏏ Chassis
 - ▽ Common tie point
- Measurements made in Channel 1 with switching as shown unless noted.
 Item numbers in rectangles appear in the alignment/adjustment instructions.
 Supply voltage maintained as shown at input.
 Voltages measured with digital meter, no signal.
 Controls adjusted for normal operation.
 Arrow at control indicates direction of advance.
 Terminal identification may not be found on unit.
 Resistors are 1/2W or less, 5% unless noted.
 Value in () used in some versions.

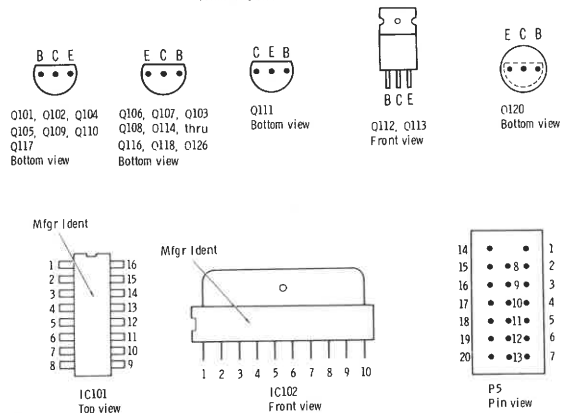
A PHOTOFACT STANDARD NOTATION SCHEMATIC

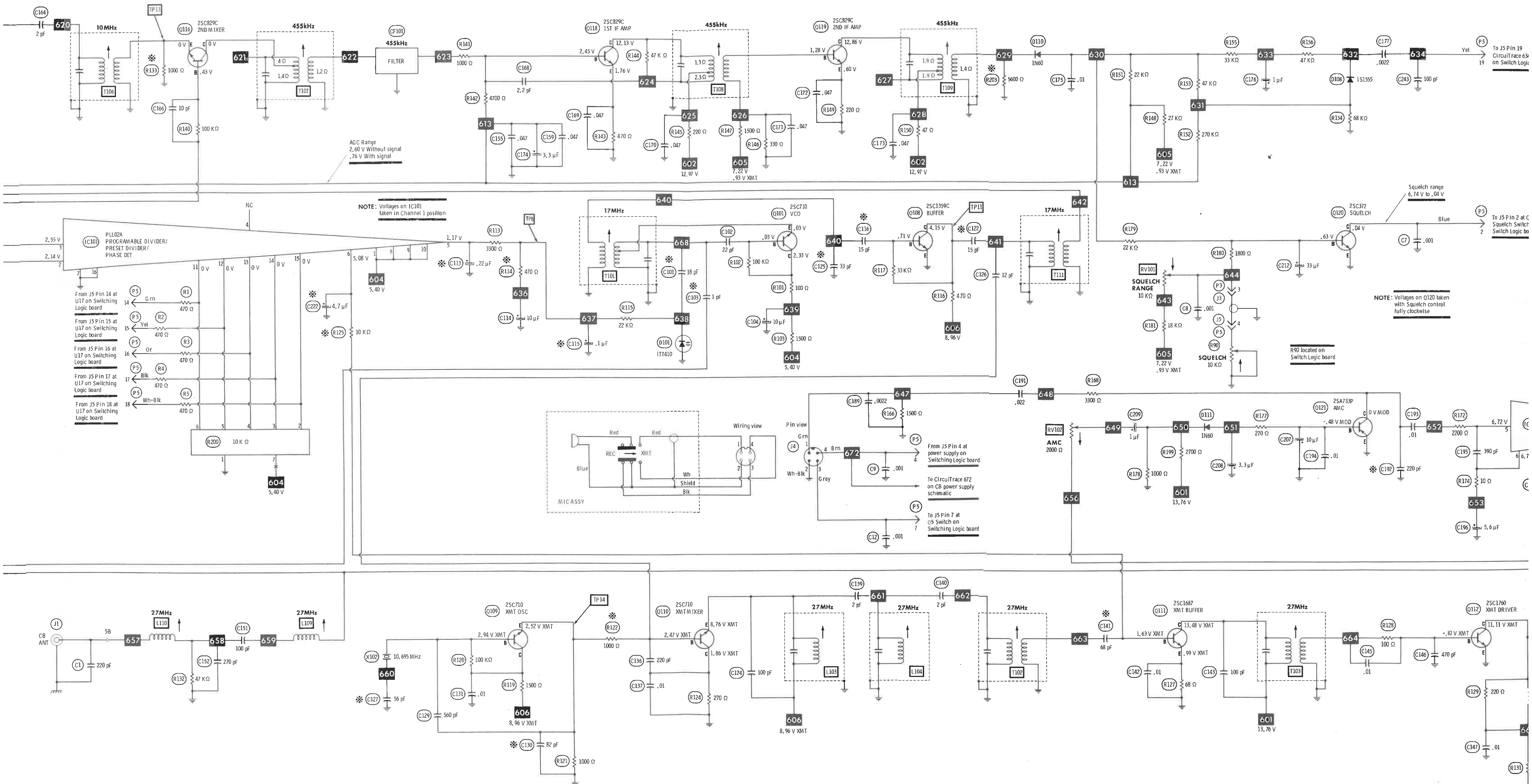
WITH CIRCUITRACE

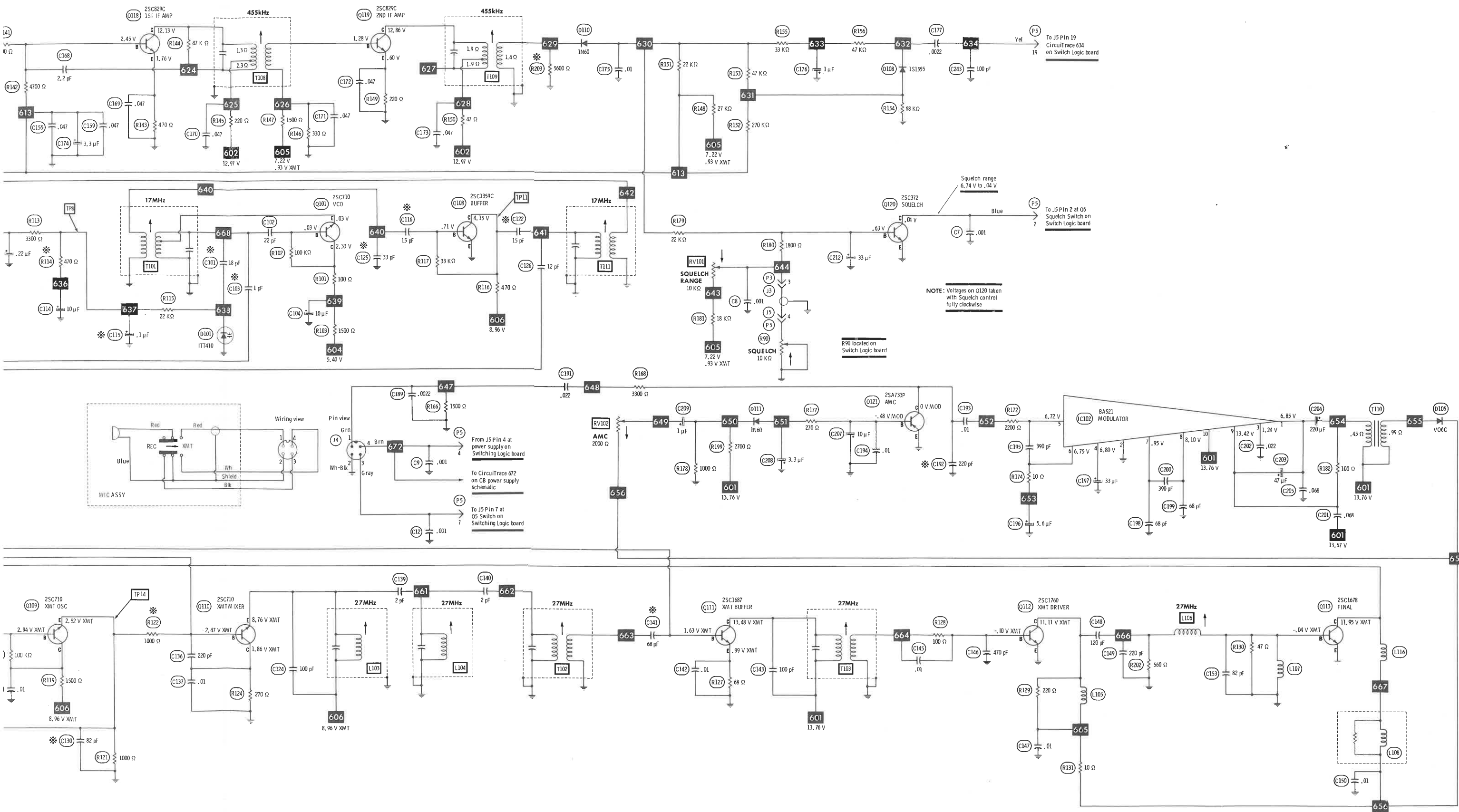
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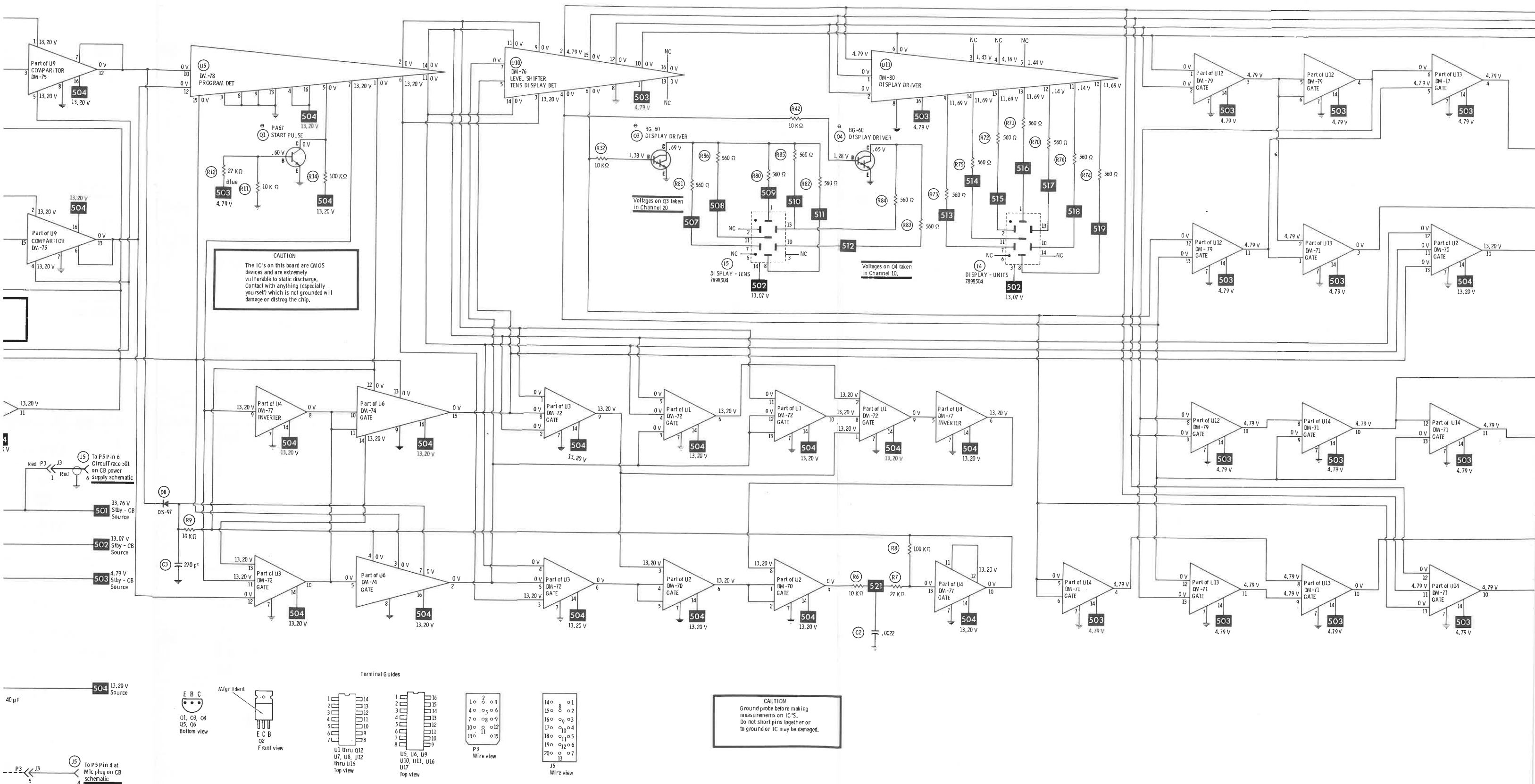
CB SCHEMATIC

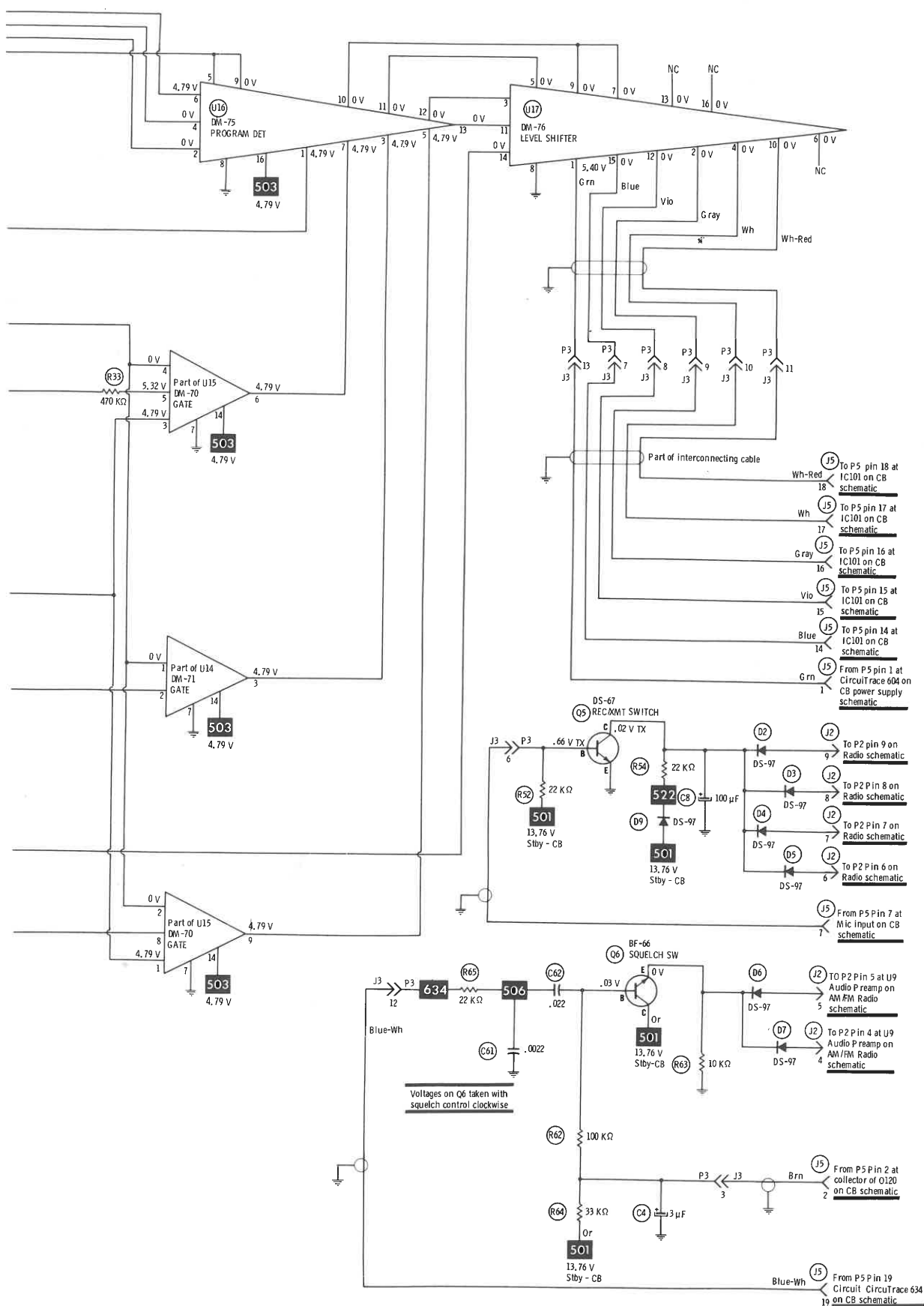
Terminal Guides

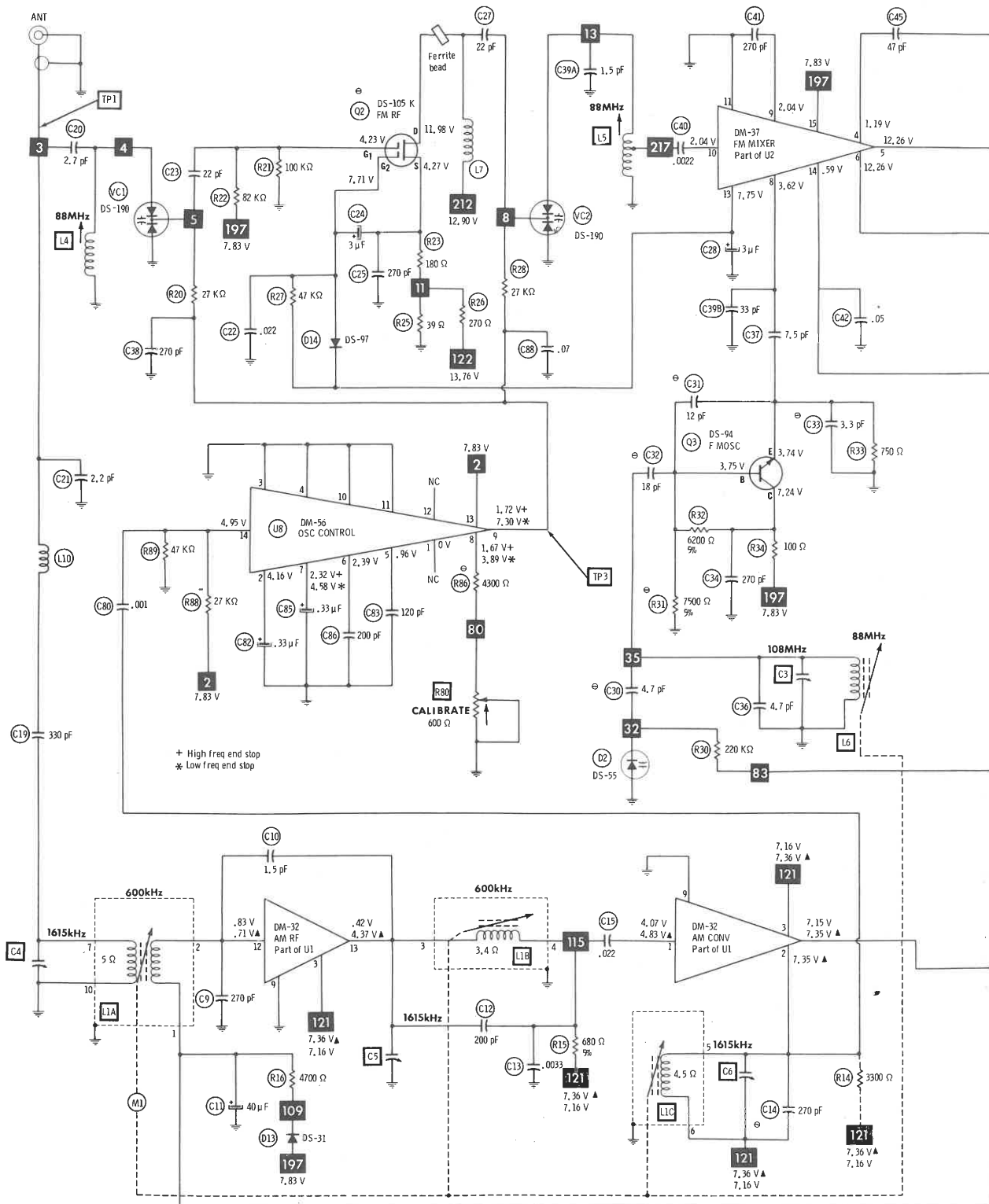










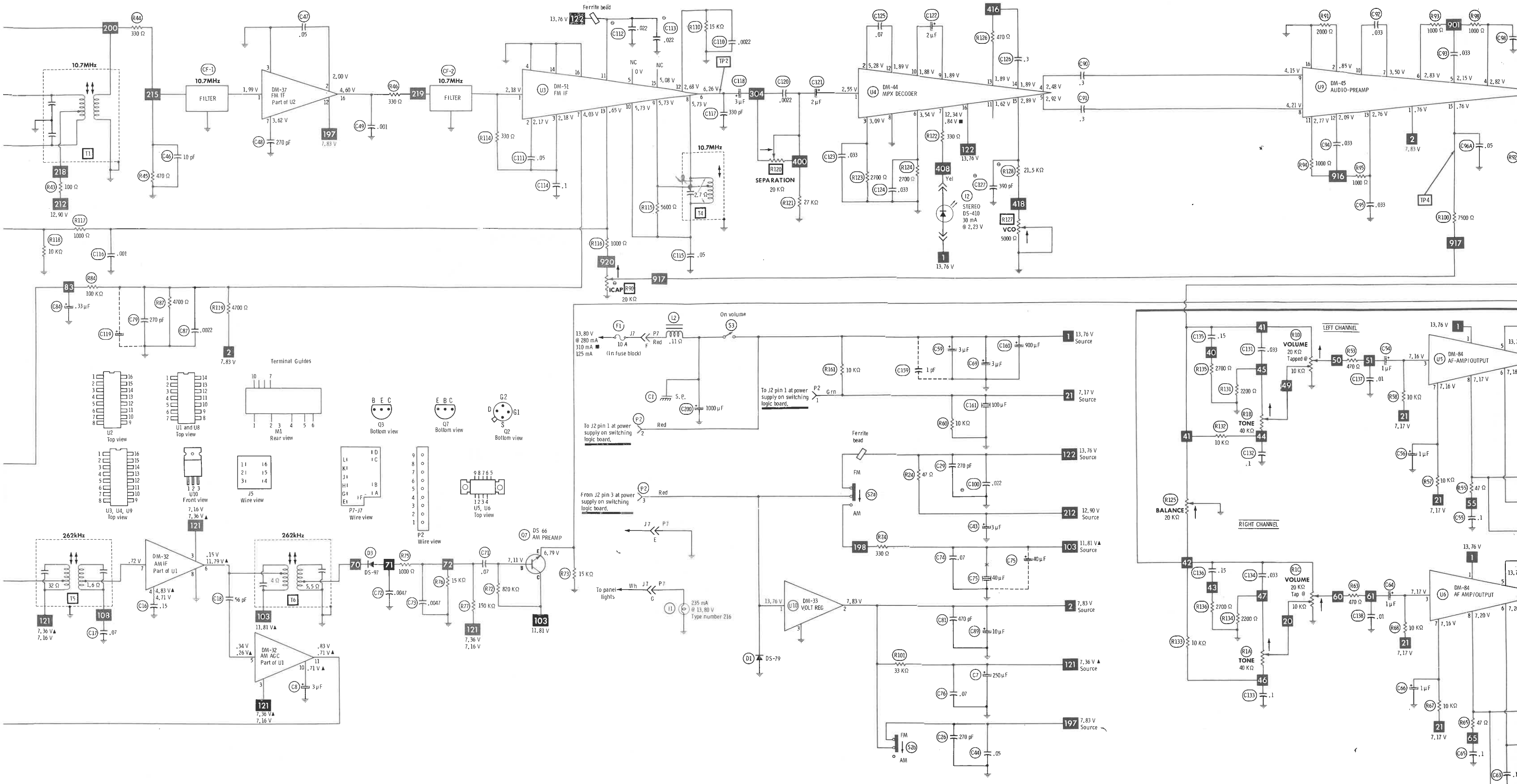


- *— Circuitry not used in some versions
- - - Circuitry used in some versions
- ⊖ See parts list
- ⊗ Nominal value
- ⊕ Ground
- ⊞ Chassis
- ▽ Common tie point

A PHOTOFAC STANDARD NOTATION SCHEMATIC
WITH **CIRCUITRACE**
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Measurements with switching as shown unless noted:
■ FM Stereo signal ▲ AM
Supply voltage maintained as shown at input.
Voltages measured with digital meter, no signal.
Controls adjusted for normal operation.
Arrow at control indicates direction of advance.
Terminal identification may not be found on unit.
Resistors are 1/2W or less, 5% unless noted.
Value in () used in some versions.

AM-FM SCHEMATIC





CB PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

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
C119		1223960	DD-561		GP356		10TS-T56
C120	560 50V				*		10TCP-T10
C121	100 N150 10% 50V	1223988			CN0415		10TCC-Q15
C122	15 50V		DTZ-15	NP015	TA110	QC2-141	TG-S10
C123	.01 50V		DC-103	MGP01	SX310	QW1-27	MMA-101
C124	100 10% 500V			CD15FD101J03	CN0433		10TCC-Q33
C125	33 50V			NP033	CN0412		10TCC-Q12
C126	12 50V		DTZ-33		*		10TCP-Q56
C127	56 N150 10% 50V	1223992			GP356		10TS-T56
C129	560 50V		DD-561		GP482		10TS-Q82
C130	82 50V		DD-820		TA110	QC2-141	TG-S10
C131	.01 50V		DC-103	MGP01	SX356		MWC-561
C132	560 50V			CD19FD561J03	TA110	QC2-141	TG-S10
C133	.01 50V		DC-103	MGP01	GP322		10TS-T22
C136	220 10% 50V		DD-221		TA110	QC2-141	TG-S10
C137	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C138	.01 50V		DC-103	MGP01	CN0522		10TCC-V22
C139	2 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C140	2 50V		DTZ-2R2	NP02P2	GP468		10TS-Q68
C141	68 50V		DD-680	GP68	TA110	QC2-141	TG-S10
C142	.01 50V		DC-103	MGP01	*		10TCP-T10
C143	100 N150 10% 50V	1223988			TA110	QC2-141	TG-S10
C144	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C145	.01 50V		DC-103	MGP01	GP347		10TS-T47
C146	470 50V		DD-471	GP470	TA110	QC2-141	TG-S10
C147	.01 50V		DC-103	MGP01	CN0312		10TCC-T12
C148	120 10% 50V		DTZ-120		GP322	QC2-141	TG-S10
C149	220 10% 50V		DD-221		TA110	QW1-27	MMA-101
C150	.01 50V		DC-103	MGP01	SX310	QW1-37	MWB-271
C151	100 10% 500V			CD15FD101J03	SX327		10TS-Q82
C152	270 10% 500V			CD15FD271J03	GP482		10TCC-Q27
C153	82 10% 50V		DD-820		CN0427		
C154	27 50V				MAG5015		
C155	.047 50V		UK50-503		TA110	QC2-141	TG-S10
C156	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C157	.01 50V		DC-103	MGP01	MAG5015		
C159	.047 50V		UK50-503		EW1A147	QF1-171	1PB-S47
C160	.047 10% 50V			DPMS2S47	TA110	QC2-141	TG-S10
C161	.01 50V		DC-103	MGP01	*		10TCP-Q39
C162	39 N150 10% 50V	1223982			TA110	QC2-141	TG-S10
C163	.01 50V		DC-103	MGP01	CN0522		10TCC-V22
C164	2 50V		DTZ-2R2	NP02P2	TA110	QC2-141	TG-S10
C165	.01 50V		DC-103	MGP01	CN0410		10TCC-Q10
C166	10 50V		DTZ-10	NP010			
C168	2.2 500V	1224007			EW1A147	QF1-171	1PB-S47
C169	.047 10% 50V			DPMS2S47	EW1A147	QF1-171	1PB-S47
C170	.047 10% 50V			DPMS2S47	EW1A147	QF1-171	1PB-S47
C171	.047 10% 50V			DPMS2S47	EW1A147	QF1-171	1PB-S47
C172	.047 10% 50V			DPMS2S47	EW1A147	QF1-171	1PB-S47
C173	.047 10% 50V			DPMS2S47	EW1A110	QF1-171	1PB-S10
C175	.01 10% 50V			WMF1S1	M192P2229R8	QF1-91	192P2229R8
C177	.0022 10% 50V	1223992			*		10TCP-Q56
C178	56 N150 10% 50V	1223982 (1)					10TCP-Q39
C179							
C180	560 50V		DD-561		GP356		10TS-T56
C181	100 10% 50V		DD-101	GP100	GP310		10TS-T10
C182	68 N150 10% 50V	1224013			*		10TCP-Q68
C189	.0022 50V		DD-222		GP222	QC2-97	56A-D22
C190	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C191	.022 10% 50V				M192P2239R8		192P2239R8
C192	220 10% 50V		DD-221		GP322		10TS-T22
C193	.01 10% 50V			WMF1S1	EW1A110	QF1-91	1PB-S10
C194	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C195	390 50V		DD-391	GP390	GP339		10TS-T39
C198	68 10% 50V		DD-680	GP68	GP468		10TS-Q68
C199	68 10% 50V		DD-680	GP68	GP468		10TS-Q68
C200	390		DD-391	GP390	GP339		10TS-T39
C201	.068 10% 50V			WMF1S68	EW1A168	QF1-195	1PB-S68
C202	.022 10% 50V				M192P2239R8		192P2239R8
C205	.068 10% 50V				EW1A168		1PB-S68
C213	.01 50V			WMF1S68	EW1A168	QF1-195	TG-S10
C214	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C215	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C216	.01 50V		DC-103	MGP01	TA110	QC2-141	TG-S10
C217	.047 50V		DC-103	MGP01			
C218	.047 50V		UK50-503		MAG5015		
C219	.047 50V		UK50-503		MAG5015		
C220	.047 50V		UK50-503		MAG5015		
C223	39				CN0439		10TCC-Q39
C243	100 10% 50V		DD-101	GP100	GP310		10TS-T10
C244	.01 50V	1223992	DC-103	MGP01	TA110	QC2-141	TG-S10
C245	56 N150 10% 50V				*		10TCP-Q56

*Not normally in distributor's stock. Available thru distributor on order to manufacturer. (1) Used in some versions.

CB PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
RV101	Squeich Range	10K	1223946				
RV102	AMC	2000	1223947				

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFR. PART No.			WORKMAN PART No.	MFR. PART No.
R200	Resistor Network		1224032 (1)				

(1) Consists of five 10K-ohm resistors.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L101	RF Choke (22mH)	1223934			
L103	Harmonic Suppressor (27MHz)	1223935			
L104	Harmonic Suppressor (27MHz)	1223936			
L105	RF Choke (2.2mH)	1223937			
L106	XMT Driver (27MHz)	1223938			
L107	RF Choke (68mH)	1223939			
L108	RF Choke	1223940			
L109	Final Amp (27MHz)	1223941			
L110	Antenna Match (27MHz)	1223942			
L111	RF Choke (68mH)	1223939			
L112	Rec. Mixer (10MHz)	1223943			
L113	RF Choke	1223944			
L114	RF Choke	1223944			
L116	RF Choke	1223945			
T101	VCO (17MHz)	1223950			
T102	XMT Mixer (27MHz)	1223951			
T103	XMT Buffer (27MHz)	1223952			
T104	Rec. Antenna (27MHz)	1223953			
T105	Rec. RF (27MHz)	1223954			
T106	Rec. Mixer (10MHz)	1223955			
T107	IF (455kHz)	1223956			
T108	IF (455kHz)	1223957			
T109	IF (455kHz)	1223958			
T111	VCO Buffer (17MHz)				

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (O CURRENT 1000~)	MFR. PART No.	THORDARSON PART No.	TRIAD PART No.	
CH101	1.4A	.12	.48mH	1223933 ELA-16 (1)	TR523		(1) Number on unit.

CB PARTS LIST AND

(When ordering parts, state Mode

Replacement parts shown may be
Have your local distributor che

TRANSFORMER (Audi

ITEM No.	IMPEDANCE		
	PRI.	SEC.	
T110	2.88	.99	12 ET

MICROPHONE

ITEM No.	REPLA	
	MFR. PART No.	GC PART I
MIC	7898580	18-032

MISCELLANEOUS

ITEM No.	PART NAME
CF101	Filter
J1	Jack
J4	Jack
J5	Jack
X101	Crystal
X102	Crystal
X103	Crystal

WIRING DATA

General-use Hook-up Wire (avail
Shielded Hook-up Wire (spiral v
(braided)
Speaker Cable (available in 4
Bonding Strap
AC Power Cord

CB PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA				
			MFGR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
RV101	Squelch Range	10K	1223946				
RV102	AMC	2000	1223947				

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFGR. PART No.			WORKMAN PART No.	MFGR. PART No.
R200	Resistor Network		1224032 (1)				

(1) Consists of five 10K-ohm resistors.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L101	RF Choke (22mH)	1223934			
L103	Harmonic Suppressor (27MHz)	1223935			
L104	Harmonic Suppressor (27MHz)	1223936			
L105	RF Choke (2.2mH)	1223937			
L106	XMT Driver (27MHz)	1223938			
L107	RF Choke (68mH)	1223939			
L108	RF Choke	1223940			
L109	Final Amp (27MHz)	1223941			
L110	Antenna Match (27MHz)	1223942			
L111	RF Choke (68mH)	1223939			
L112	Rec. Mixer (10MHz)	1223943			
L113	RF Choke	1223944			
L114	RF Choke	1223944			
L116	RF Choke	1223945			
T101	VCO (17MHz)	1223950			
T102	XMT Mixer (27MHz)	1223951			
T103	XMT Buffer (27MHz)	1223952			
T104	Rec. Antenna (27MHz)	1223953			
T105	Rec. RF (27MHz)	1223954			
T106	Rec. Mixer (10MHz)	1223955			
T107	IF (455kHz)	1223956			
T108	IF (455kHz)	1223957			
T109	IF (455kHz)	1223958			
T111	VCO Buffer (17MHz)				

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (O CURRENT 1000~)	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
CH101	1.4A	.12	.48mH	1223933 ELA-16 (1)	TR523		(1) Number on unit.

CB PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements. Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T110	2.88	.99	1223932 ETA-66 (1)	TR723	MCB-16	(1) Number on unit.

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	7898580	18-032	18-034	18-010	18-092	1	2	4	3	NC	2

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF101	Filter	1223924	455kHz
J1	Jack	1223885	Antenna
J4	Jack	1223886	Microphone
J5	Jack		20 Pin
X101	Crystal	1223961	11.806MHz
X102	Crystal	1223962	10.695MHz
X103	Crystal	1223963	10.240MHz

WIRING DATA

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

AM-FM PARTS LIST AND DESCRIPTION

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.

Have your local distributor check Sams COUNTER FACTS[®] for the most up-to-date replacement.

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 13 Colors 8524 (Stranded) Available in 13 Colors
Shielded Hook-up Wire	Use BELDEN No. 8401 or 8421
Rear Seat Speaker Extension Cable	Use BELDEN No. 8782 (Stranded) Coded Parallel Leads
Bonding Strap	Use BELDEN No. 8661 (3/8 In.) or 8670 (3/4 In.)

SEMICONDUCTORS (Select replacement transistor for best results)

REPLACEMENT DATA										
ITEM No.	TYPE No.	MFR. PART No.	GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
AM-FM BOARDS										
D1	DS-79		GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D2	DS-55		GE-90	D201	PTC311	HEPR2503	RE 195	SK3126	RT-262	ECG610
D3	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D4	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D5	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D13	DS-31		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D14	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
Q2	DS-105K DS-105(1)		GE-FET-4 GE-FET-4	WEP905 WEP905	PTC181 PTC181	HEPF2004 HEPF2004	RE 199 RE 199	SK3050 SK3050	RT-181 RT-181	ECG222 ECG222
Q3	DS-94		GE-210	WEP736	PTC115	HEPS0015	RE 13	SK3124	RT-108A	ECG123A
Q7	DS-66		GE-17	TR-21	PTC121 *	HEPS5014	RE 13	SK3124 *	RT-172	ECG123A
U1	DM-32		GEIC-215		PTC734		RE 362-IC	SK3171	TVCM-19	ECG744
U2	DM-37									
U3	DM-51		GEIC-229		PTC767		RE 322-IC	SK3147	TVCM-39	ECG788
U4	DM-44		GEIC-214		PTC729		RE 317-IC		TVCM-29	ECG743
U5	DM-59									
U6	DM-59									
U8	DM-56									
U9	DM-45									
U10	DM33									
VC1	DS-190									
VC2	DS-190									
LOGIC BOARD										
D1	DS-108		GEZD-12	Z1212	ZB12A	HEPZ0415	RE 118	SK3062	RT-243	ECG142
D2	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D3	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D4	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D5	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D6	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D7	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D8	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D9	DS-97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D10A	DS-80									
D10B	DS97		GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D11	DS-50		GEZD-5.6	Z1204	ZB5.6A	HEPZ0407	RE 107	SK3057	RT-236	ECG136
Q1	DS-67	(1)	GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3124	RT-172	ECG123A
	DS-66		GE-17	TR-21	PTC121	HEPS0014	RE 13	SK3124	RT-172	ECG123A
Q2	DS-513		GE-66	WEP245	PTC110	HEPS5000	RE 21	SK3046	RT-152	ECG152
Q3	DS-60		GE-64	TR-69	PTC153	HEPS9100	RE 33	SK3156	RT-144	ECG172
Q4	DS-60		GE-64	TR-69	PTC153	HEPS9100	RE 33	SK3156	RT-144	ECG172
Q5	DS-67		GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3124	RT-172	ECG123A
Q6	DS-66		GE-17	TR-21	PTC121	HEPS5014	RE 13	SK3124	RT-172	ECG123A
U1	DM-72									
U2	DM-70									
U3	DM-72									
U4	DM-77									
U5	DM-78									
U6	DM-74									
U7	DM-71									
U8	DM-73									
U9	DM-75									
U10	DM-76									
U11	DM-80									
U12	DM-79									
U13	DM-71									
U14	DM-71									
U15	DM-70									
U16	DM-75									
U17	DM-76									

* Lead configuration may vary from original.

(1) Used in some versions.

(12) 950 mW @ 500 mA

(13) 10 W @ 3.0 A

DELCO 1977 SERIES

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
AM-FM BOARDS						
C7	250 16V	7936628	WBR250-16	TT15X260A	QE1-495	TVA-1161
C8	3 10V	7296348	PC5-50	VTT3R3A50	QE1-61	TVA-1302
C11	40 6V	7298555		TDC476M006EL	QDT1-97	SD6-479
C24	3 35V	7936359		TDC335M035FL		SD35-3R39
C28	3 10V	7296348	PC5-50	VTT3R3A50	QE1-61	TVA-1302
C43	3 35V	7936359		TDC335M035FL		SD35-3R39
C52	100 16V NP	9349947		TCN425A		TVAN-1207.1
C54	1 10V	7936365		TDC105M035EL		SD35-19

AM-FM PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

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
C56	1 10V	7936365		TDC105M035EL		SD35-19
C59	3 35V	7936359		TDC335M035FL		SD35-3R39
C62	100 16V NP	9349947		TCN425A		TVAN-1207.1
C64	1 10V	7930782		TDC105M035EL		SD35-19
C66	1 10V	7930782		TDC105M035EL		SD35-19
C69	3 35V	7936359		TDC335M035FL		SD35-3R39
C75	40 16V NP	9340269		TCN1540		TVAN-1413.1
C82	.33 35V	7936748		TDC334M050EL	QDT1-14	SD50-R339
C84	.33 35V	7936748		TDC334M050EL	QDT1-14	SD50-R339
C85	.33 35V	7936748		TDC334M050EL	QDT1-14	SD50-R339
C89	10 16V	7936360		TDC106M025FL	QDT1-64	SD25-109
C96B	1 10V	7936365		TDC105M035EL		SD35-19
C97	1 10V	7936365		TDC105M035EL		SD35-19
C118	3 10V	7296348		TDC335M015FL	QDT1-41	SD15-3R39
C119	1 10V	7936365 (1)		TDC105M035EL		SD35-19
C121	2 10V	7313127		TDC225M035FL		SD35-2R29
C122	2 10V	7313127		TDC225M035FL		SD35-2R29
C160	900 16V	7898283	PC1000-16	VTT100L16	QV1-183	EV-1260
C161	100 16V NP	9349947		TCN425A		TVAN-1207.1
C200	1000 16V	9341267		TT15X1000B	QE1-591	TVA-1163
LOGIC BOARD						
C1	40 6V NP	9340269		TCN1540		TVAN-1413.1
C4	3 35V	7936359	PC5-50	VTT3R3A50	QE1-61	TVA-1302
C8	100 16V	9349947	PC100-16	VTT100F16	QV1-95	EV-1230

(1) Used in some versions.

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	
AM-FM BOARDS								
C1		9348419 9349556 7936524 7311368						
C3								
C4								
C5								
C6								
C9	270 10%	7896854	DD-271	GP270	GP327	QC2-157	10TS-T27	
C10	1.5 NP0		DTZ-1R5	NP01P5	CN0515		10TCC-V15	
C12	200		DTZ-200				10TCC-T20	
C13	.0033				M192P3329R8		192P3329R8	
C14	270 N220				*		10TCR-T27	
C15	.022		DC-203	MGP02	TA120		TG-S20	
C16	.15 12V				MAG12015		HY-365	
C17	.07 16V				MAG1618		HY-640	
C18	56 NP0 100V		UK16-683		CN0456		10TCC-Q56	
C19	330				GP333		10TS-T33	
C20	2.7 NP0		DD-331	GP330	CN0522		10TCC-V22	
C21	2.2 NP0 5%		DTZ-2R2	NP02P2	CN0522		10TCC-V22	
C23	22 NP0 100V		DTZ-2R2	NP02P2	CN0522		10TCC-V22	
C25	270 10%		DTZ-22	NP022	CN0422		10TCC-Q22	
C26	270 10%		DD-271	GP270	GP327		10TS-T27	
C27	270 10%	DD-271	GP270	GP327	10TS-T27			
C29	22 NP0 100V	DTZ-22	NP022	CN0422	10TCC-Q22			
C30	270 10%	DD-271	GP270	GP327	10TS-T27			
C31	4.7 N330 100V			*	10TCS-V47			
C32	12 N330 100V	9341540		*	10TCS-Q12			
C33	18 NP0 100V	7897766		CN0418	10TCC-Q18			
C34	3.3 N330 100V	9341429		*	10TCS-V33			
C36	270 10%		DD-271	GP270	10TS-T27			
C37	4.7 N150 100V	7897765			10TCP-V47			
C38	7.5 NP0		DTZ-6R8	NP06P8	10TCC-V68			
C39A	270 10%		DD-271	GP270	10TS-T27			
C39B	1.5 NP0		DTZ-1R5	NP01P5	10TCC-V15			
C40	33 NP0		DTZ-33	NP033	10TCC-Q33			
	.001 10%		DD-102		10TS-D10			
	.0022							
C41	270 10%		DD-271	GP270	GP327	10TS-T27		
C42	.05 16V		UK50-503		MAG5015			
C44	.05 10V		UK50-503		MAG5015			
C45	47 NP0		DTZ-47	NP047	CN0447	10TCC-Q47		
C46	10 NP0 10%		DTZ-10	NP010	CN0410	10TCC-Q10		
C47	.05 16V		UK50-503		MAG5015			
C48	270 10%		DD-271	GP270	GP327	10TS-T27		
C49	.001 10%		DD-102		GP210	10TS-D10		
C53	.1 16V		UK16-104		MAG1601	HY-650		
C55	.1 16V		UK16-104		MAG1601	HY-650		
C57	.1 16V		UK16-104		MAG1601	HY-650		
C58	.1 16V		UK16-104		MAG1601	HY-650		
C63	.1 16V		UK16-104		MAG1601	HY-650		
C65	.1 16V		UK16-104		MAG1601	HY-650		
C67	.1 10V		UK16-104		MAG1601	HY-650		
C68	.1 16V		UK16-104		MAG1601	HY-650		
C71	.07 16V		UK16-683		MAG1618	HY-640		
C72	.0047				M192P4729R8	192P4729R8		
C73	.0047				M192P4729R8	192P4729R8		

AM-FM PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
Have your local distributor check Sams COUNTER FACTS® for the most up-to-date replacement.

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
C74	.07 16V		UK16-683		MAG1618		HY-640
C76	.07 16V		UK16-683		MAG1618		HY-640
C79	270 10%		DD-271	GP270	GP327		10TS-T27
C80	.001 10%		DD-102		GP210		10TS-D10
C81	470		DD-471	GP470	GP347		10TS-T47
C83	120 NPO		DTZ-120		CN0312		10TCC-T12
C86	200 N750 10% 100V		DTN-200				10TCU-T20
C87	.0022				GP222		10TS-D22
C88	.07 16V		UK16-683		MAG1618		HY-640
C90	.3 10V				CN7327		10TCU-T27
C91	.3				CN7327		10TCU-T27
C92	.033		UK16-333		MAG16133		HY-630
C93	.033		UK16-333		MAG16133		HY-630
C94	.033		UK16-333		MAG16133		HY-630
C95	.033		UK16-333		MAG16133		HY-630
C96A	.05 16V		UK50-503		MAG5015		HY-630
C98	.033		UK50-333		MAG5015		
C100	.022		DC-203	MGP02	TA120	QC2-157	TG-S20
C110	.0022 10%				GP222		10TS-D22
C111	.05 16V		UK50-503		MAG5015		
C112	.022		DC-203	MGP02	TA120	QC2-157	TG-S20
C113	.022						
C114	.1 16V		UK16-104		MAG1601		HY-650
C115	.05 16V		UK50-503		MAG5015		
C116	.001 10%		DD-102		GP210		10TS-D10
C117	330 N220 5%				*		10TCR-T33
C120	.0022				M192P2229R8		192P2229R8
C123	.033		UK16-333		MAG16133		HY-630
C124	.033		UK16-333		MAG16133		HY-630
C125	.07 16V		UK16-683		MAG1618		HY-640
C126	.3 10V		UK16-333		MAG16133		HY-630
C127	390 N220 2% 100V	9341036			*		10TCR-T39
C131	.033		UK16-333		MAG16133		HY-630
C132	.1 16V		UK16-104		MAG1601		HY-650
C134	.033		UK16-333		MAG16133		HY-630
C135	.15 12V				MAG12015		HY-365
C136	.15 12V				MAG12015		HY-365
C137	.01		DC-103	MGP01	TA110	QC2-141	TG-S10
C138	.01		DC-103	MGP01	TA110	QC2-141	TG-S10
C159	1	(1)			CN0510		10TCC-V10
LOGIC BOARD							
C2	.0022				M192P2229R8		192P2229R8
C3	270 10%		DD-271	GP270	GP327		10TS-T27
C6	.022		DC-203	MGP02	TA120	QC2-157	TG-S20
C61	.0022 10%				GP222		10TS-D22
C62	.022		DC-203	MGP02	TA120	QC2-157	TG-S20

* Not normally in distributor's stock. Available thru distributor on order to manufacturer.
(1) Used in some versions.

DELCO 1977 SERIES

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA			
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	TRW PART No.
AM-FM BOARDS						
R1A	Tone - Right	40K	7895320 (5)			
B	Tone - Left	40K				
C	Volume - Right	20K Tap @ 10K				
D	Volume - Left/ Switch	20K Tap @ 10K				
R80	Calibrate	600	9348417	WF-600	39-600	MR600F
R90	ICPA	20K	9349022			110-600
R120	Separation	20K	9349022			
R125	Balance	20K	9349022			
R127	VCO	5000	9349445			
R130A	Fader - Left	120 2W	9348389			
B	Fader - Right	120 2W				
	Fader - Left	120 2W	7896639			
	Fader - Right	120 2W	(18)			
	Fader - Left	120 2W	7896891			
	Fader - Right	120 2W	(19)			
	Fader - Left	120 2W	7899379			
	Fader - Right	120 2W	(20)			
	Fader - Left	120 2W	7899382			
	Fader - Right	120 2W	(21)			
	Fader - Left	120 2W	7899383			
	Fader - Right	120 2W	(22)			
LOGIC BOARD						
R90	Squelch	10K	7898302			

(5) Number on unit.

(18) Used in Model 76CFMC1 (7898436) 1977 Cadillac and Limousine.

(19) Used in Model 76CFMC1 (7898426) 1977 Seville and Eldorado.

(20) Used in Model 76CFMC2 (7898426) 1977 Seville and Eldorado.

(21) Used in Model 76CFMC2 (7898436) 1977 Cadillac and Limousine.

(22) Used in Model 73AFMC2 (7899443) 1977 Cutlass and Model 70BFMC2 (7898220) Pontiac, Lemans, Grand Prix, Oldsmobile,

AM-FM PARTS LIST AND DESCRIPTION (CONTINUED)

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

Replacement parts shown may be superseded by the availability of newly introduced replacements.
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RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		WORKMAN PART No.	MFGR. PART No.			WORKMAN PART No.	MFGR. PART No.
R128	21.5K 2%		9341039	RT51	.037 (1 inch) Resistance Wire		
				RT61	.037 (1 inch) Resistance Wire		

COILS (RF-IF)

COILS (RF-IF)		REPLACEMENT DATA			REMARKS
ITEM No.	FUNCTION	PART No.	OTHER	MILLER	
			IDENTIFICATION	PART No.	
AM-FM BOARDS					(1) Part of M1 (Tuner)
L1A	AM Antenna (600kHz)	(1)			
L1B	AM RF (600kHz)	(1)			
L1C	AM Oscillator	(1)			
L4	FM Antenna (88MHz)	9348413			
L5	FM RF (88MHz)	9348414			
L6	FM Oscillator (88MHz)	7897878			
L7	RF Choke	7934553		72F686AP	
L10	RF Choke				
T1	FM Mixer (10.7MHz)	9346544			
T4	FM IF (10.7MHz)	9346543			
T5	AM IF (262kHz)	9349015			
T6	AM IF (262kHz)	9349372			

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.
L2	325mA	.11	.4mH	7302543		

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
	10A (In Fuse Block)			AGC10		312010		FG2-10

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
AM-FM BOARDS			
CF1	Filter	1223695 (1)	
CF2	Filter	1223695 (1)	
I1	Lamp		Dial (13.80V @ 235mA)
I2	Led		Stereo Indicator
M1	Tuner		AM (Includes Mounting Board)
	AM Core	7898352	
	FM Osc. Core	7288147	
J5	Connector	7897881	
P1	Connector	1223668	6/Pin To Fader
P2	Connector	7898578	2/Pin To Radio
P3	Connector	7898502	9/Pin To Radio
P7	Connector	7898561	15/Pin To CB
SW1	Switch	7896393	11/Pin Input
S2	Switch	7898285	Channel Selector
S3	Switch	7898278	AM/FM Power (On Volume)
LOGIC BOARD			
I4	Led	7898504	Channel Display
I5	Led	7898504	Channel Display
J1	Socket	9340526	Antenna
S1	Switch	7898303	Radio/Stby/CB

(1) Part Number includes two ceramic filters, when replacing, CF-1 and CF-2 should also be replaced.

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

ITEM	PART No.	ITEM	PART No.
Escutcheon (Includes Dial & Slide Bar)	7898337	Push Button	9349753
Escutcheon (Includes Dial & Slide Bar)	7898418 (1)	Push Button	9347704 (3)
Escutcheon (Includes Dial & Slide Bar)	7898422 (2)	Knob, Squelch & Channel	7898339
Pointer, Dial	7898338		

(1) Used with Model 76KFMCI.
(2) Used with Model 76CFMCI.
(3) Used with Model 73AFMCI.