

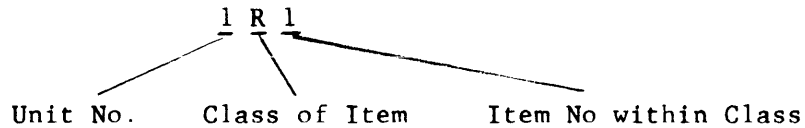
SECTION VI

PARTS LIST

6-1. INTRODUCTION

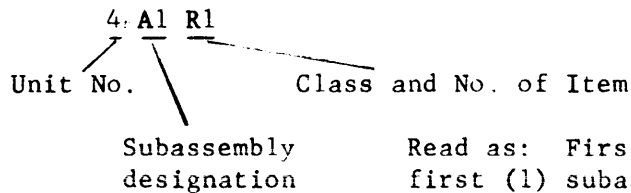
a. REFERENCE DESIGNATIONS - The unit numbering method of assigning reference designations has been used to identify units, assemblies, sub-assemblies and parts of the AN/FRR-85(V)1. Radio Receiving Set. This method has been expanded as much as necessary to adequately cover the various degrees of subdivision of the equipment. Examples of this unit numbering method and typical expansions of the same are illustrated by the following:

Example 1 :



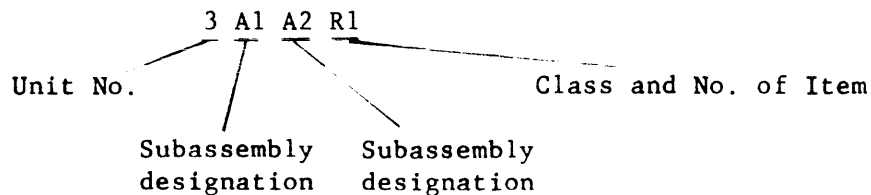
Read as: First (1) resistor (R) of first unit (1) of AN/FRR-85(V)1.

Example 2 :



Read as: First (1) resistor (R) of first (1) subassembly (A) of fourth (4) unit of AN/FRR-85(V).

Example 3 :



Read as: First (1) resistor (R) of second (2) subassembly (A) of first (1) subassembly (A) of third (3) unit of AN/FRR-85(V)1.

b. REFERENCE DESIGNATION PREFIX - Partial reference designations are used on the equipment and illustrations. The partial reference designations consist of the class letter(s) and the identifying item number. The complete reference designations may be obtained by placing the proper prefix before the partial reference designations. Prefixes are provided on illustrations following the notation " REF DESIG PREFIX".

6-2 LIST OF UNITS

Table 6-1 is a listing of the modular units comprising Radio Receiving Set AN/FRR-85(V)1. The units are listed by unit numbers in numerical order for each Set. Thus when the complete reference designation of a part is known, the table will furnish the identification of the unit in which the part is located, since the first number of a complete reference designation identifies the unit. Table 6-1 also provides the following information for each unit listed: (1) quantity per equipment, (2) official name, (3) designation, (4) colloquial name, and (5) location of the first page of its parts listing in table 6-2.

TABLE 6-1. LIST OF UNITS

UNIT	QTY	NAME OF UNIT	DESIGNATION	COLLOQUIAL NAME	PAGE
1 & 5	2	Tuner, Radio Frequency	TN-525/FRR	RF Tuner, Model HFRR-5	6-4
2 & 6	2	Demultiplexer	TD-969/FRR	IF Unit, Model MSAR-5	6-56
3 & 7	2	Generator, Reference Frequency	0-1510/URR	Synthesizer, Model HFSR-4	6-89
4 & 8	2	Decoder, Command Signal	KY-661/URR	Receiver Decoder, Model RTTD-4	6-145
9	1	Cabinet, Elec. Equipment	CY-6756/ FRR-85(V)	Cabinet, cabling & speakers, Model RAK-135-2	—
10*	1	Converter-Storer, Signal Data	CV-2520(V)/URC	Memory Unit, Model RTMU-41B	6-161

* Associated with but not a part of AN/FRR-85(V)1. Included in shipment when ordered separately.

6-3. MAINTENANCE PARTS LIST

Tabl 6-2 is a listing of maintenance parts in each modular unit. Parts are listed in unit numbering order. Where an identical unit is used more than once, one table serves for all units. The complete reference designations are listed in the REF DESIG column, with the omission of the unit prefix number. The unit prefix number/s are shown at the head of each unit list.

Some small subassemblies are recommended by the manufacturer as non-reparable from a labor or re-alignment cost analysis comparison to the cost of replacing the subassembly. These subassemblies are so noted in the NAME AND DESCRIPTION column and their parts are not included in the list. Other subassemblies are partially reparable, from this point of view. Partially reparable subassemblies are symbolized as "PR" in the NOTES column; their parts are included in the list. Parts that are replaceable are symbolized "R"; parts that are not replaceable are symbolized "NR".

In some cases, subassemblies are recommended as factory reparable (example: 1A10 tuner) from a re-alignment consideration. For these a "factory reparable" notation is included in the NAME AND DESCRIPTION column and their parts are not included in the list.

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
1		HFRR-5 TUNER, RADIO FREQUENCY: TN-525/FRR. Remotely controlled tuning unit for the IF and RF stages of a superhetrodyne receiver in the 2-32 Mhz frequency range.	

A1		FREQUENCY READOUT ASSEMBLY: has 5 plug-in circuit card assemblies. 82679 P/N AX5003.	
A1A1		CIRCUIT CARD ASSEMBLY: 27 resistors, 32 capacitors, 8 coils, 4 integrated circuits, 1 filter, 7 transistors, 4 semiconductors, plug-in item, P/O AX5003; 10.312 in. lg by 2.312 in. wd by 0.812 in. hg. 82679 P/N A4658.	
A1A2		CIRCUIT CARD ASSEMBLY: 38 resistors, 45 capacitors, 14 coils, 11 integrated circuits, 9 transistors, 10 semiconductors, plug-in item, p/o AX5003; 10.312 in. lg by 5.312 in. wd by 0.500 in. hg. 82679 P/N A4659.	
A1A3		CIRCUIT CARD ASSEMBLY: 13 capacitors, 4 coils, 17 integrated circuits, plug-in item; p/o AX5003; 10.312 in. lg by 2.312 in. wd by 0.375 in. hg. 82679 P/N A4660.	
A1A4		CIRCUIT CARD ASSEMBLY: 6 resistors, 7 capacitors, 4 coils, 23 integrated circuits, 2 transistors, 1 semiconductor, plug-in item, p/o AX5003; 10.312 in. lg by 2.312 in. wd by 0.500 in. hg. 82679 P/N A4661.	
A1A5		CIRCUIT CARD ASSEMBLY: Non-Repairable item, p/o AX55003; 10.312 in. lg by 4.062 in. wd by 0.875 in. hg. 82679 P/N A4662.	
A2		CIRCUIT CARD ASSEMBLY: 26 resistors, 19 capacitors, 12 transistors, 12 semiconductors, plug-in item; 10.031 in. lg by 5.060 in. wd by 1.000 in. hg. 82679 P/N A4663.	
A3		CIRCUIT CARD ASSEMBLY: 78 resistors, 62 capacitors, 8 coils, 1 oscillator, 3 filters, 4 integrated circuits, 3 relays, 12 transistors, 19 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4664.	
A4		NOT USED.	
A5		CIRCUIT CARD ASSEMBLY: 81 resistors, 62 capacitors, 8 coils, 2 transformers, 1 relay, 2 integrated circuits, 18 transistors, 11 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4668.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6		CIRCUIT CARD ASSEMBLY: 119 resistors, 127 capacitors, 33 coils, 3 crystals, 6 integrated circuits, 31 transistors, 21 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4669.	
A7		CIRCUIT CARD ASSEMBLY: 148 resistors, 91 capacitors, 15 coils, 4 transformers, 1 filter, 39 transistors, 10 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4670.	
A8		CIRCUIT CARD ASSEMBLY: 53 resistors, 76 capacitors, 20 coils, 4 integrated circuits, 19 transistors, 15 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4671.	
A9		CIRCUIT CARD ASSEMBLY: 96 resistors, 71 capacitors, 9 coils, 4 transformers, 4 filters, 24 transistors, 8 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4672.	
A10		TUNER, RADIO FREQUENCY: Factory Repairable Item, 2-32 Mhz, with motor driven tuning section and circuit cards A4673, A4674, A4675, A4676; 16.50 in. lg by 6.500 in. wd by 6.500 in. hg. 82679 P/N AX5005.	
A11		ATTENUATOR ASSEMBLY: Non-Repairable item; 3.526 in. lg by 2.000 in. wd by 1.125 in. hg. 82679 P/N AX5092.	
A12		SWITCH STEPPING: remote-control type, direct drive type, unidirectional drive 4 sections, 12 positions, 26 wipers, 28 contacts, 10-15 amps, 28 vdc, bracket housed plug-in type; 4.000 in. lg by 2.250 in. hg by 1.750 in. wd. 82679 P/N AX50008.	
A12A1		CIRCUIT CARD ASSEMBLY: 4 semiconductors, p/o AX5008; 3.500 in. lg by 1.625 in. wd by 0.500 in. hg. 82679 P/N A4595.	
B1		FAN, AXIAL: 115 vac, 50/60 Hz. CMF=45 at 60 Hz free delivery. Plastic blade, aluminum housing with black enamel finish. Housing size; 3.625 in. by 1.500 in. p/a. 82679 P/N BL128-1.	
C1		CAPACITOR, FIXED, CERAMIC: 1000,000 pf, \pm 20%, 50 vdc, 0.335 in. dia, 0.125 in. thk, 0.250 lead spacing. 82679 P/N CC100-42.	
C2 thru C18		SAME AS C1.	
DS1		LAMP, INCANDESCENT: single contact, T-1-3/4 base, 28 v ac or dc, 0.04 amps. Dwg B1110-7, 08806 P/N 327.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
F1		FUSE, CARTRIDGE TYPE: 1.2 amps, 125 v. 0.250 in. dia, 1.250 in. lg. Dwg FU102-.2, 71400 P/N MDL-1-2/10.	
F2		SAME AS F1.	
FL1		FILTER, RADIO INTERFERENCE: current, 1 amp; voltage rating, 600 vac at 60 cps. 1.000 in. dia, 2.688 in. lg. Dwg FI105-1, 80183 P/N LJX130.	
FL2		SAME AS FL1.	
J1		CONNECTOR: MIL type UG59A/U.	
J2		CONNECTOR: MIL type UG625B/U.	
J3		SAME AS J1.	
J4		CONNECTOR: MIL type MS3102A28-21P.	
J5		CONNECTOR: MIL type MS3102A14S1P.	
J6		SA,E AS J2.	
J7		NOT USED.	
J8		SAME AS J2.	
J9		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 sockets. Contacts rated at 7.5 amps. 0.718 in. dia by 0.718 in. lg. Dwg JJ193-9S, 07497, P/N 126-221.	
J10		SAME AS J2.	
J11		SAME AS J4.	
J12		NOT USED.	
J13		CONNECTOR: MIL type UG657/U.	
L1		COIL, RF, FIXED: 100 uh, $\pm 10\%$, 3.12 ohms max dc res, 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-101.	
M1		METER, SPECIAL SCALE: 500 microamp movement, 0 center. Case; molded phenolic, 1.750 in. by 1.750 in. by 1.500 in. deep. 82679 P/N MR206.	
M2		METER, SPECIAL SCALE: 500 microamp movement. Case; molded phenolic, 1.750 in. by 1.750 in. by 1.500 in. deep. 82679 P/N MR205.	
MP1		KNOB, INSTRUMENT TYPE: molded plastic body with brass insert, 2 set screws and white filled indicator. 0.750 in. dia by 0.438 in. hg. 82679 P/N MP123--1FB.	
MP2		KNOB, INSTRUMENT TYPE: molded plastic body with brass insert, 2 set screws and unfilled indicator depression. 0.750 in. dia by 0.438 in. hg. 82679 P/N MP123=3UB.	
MP3 thru MP7		SAME AS MP2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
MP8		KNOB, INSTRUMENT TYPE: molded phenolic body with brass insert and set screws. 0.750 in. dia by 0.563 in. hg. 82679 P/N MP125-1.	
MP9		FILTER, AIR CONDITIONER: metal mesh and frame. 4.000 in. by 4.000 in. by 0.500 in. o/a dim. 82679 P/N AD102-4.	
Q1		TRANSISTOR: MIL type 2N3442.	
Q2		NOT USED.	
Q3		SAME AS A1.	
R1		RESISTOR: MIL type RV4NAYSA103A.	
R2		RESISTOR, VARIABLE: 3 sections with SFDT switch, each section 10 ohms. 0.938 in. dia by 2.500 in. lg. 82679 P/N RV128.	
R3		RESISTOR: MIL type RC07GF154J.	
R4			
thru			
R10		NOT USED.	
R11		RESISTOR: MIL type RC07GF224J.	
R12			
thru			
R45		NOT USED.	
R46		SAME AS R11.	
R47			
thru			
R67		NOT USED.	
R68		SAME AS R11.	
R69		NOT USED.	
R70		NOT USED.	
R71		SAME AS R11.	
S1		SWITCH, ROTARY: Two sections, 3 positions, 30° angle of throw, 6 poles. Non shorting contacts. Bakelite insulation. 0.250 in. dia shaft by 0.750 in. lg from mounting surface. 3/8-32 thd bushing mounted. 82679 P/N SW450.	
S2		SWITCH: MIL type ST12A.	
S3		SWITCH ROTARY: single section, 3 positions, 30° angle of throw, 3 poles. Non shorting type contacts Bakelite insulation. 0.250 in. dia shaft by 0.750 in. from mounting surface. 3/8-32 thd bushing mounted. 82679 P/N SW456.	
S4		SWITCH, ROTARY: Two sections, 5 positions 30° angle of throw, 4 poles. Non shorting contacts, Bakelite insulation. 0.250 in. dia shaft by 0.750 in. lg from mounting surface. 3/8-32 thd bushing mounted. 82679 P/N SW457.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
S5		SAME AS S2.	
S6		SWITCH: MIL type ST40G.	
S7		SWITCH, ROTARY: Single section, 3 positions, 30° angle of throw, 1 pole. Non shorting contacts. Bakelite insulation. 0.250 in. dia shaft by 0.750 in. lg from mounting surface, 3/8-32 thd bushing mounted. 82679 P/N SW449.	
T1		TRANSFORMER, POWER, STEP UP-STEP DOWN: primary; 115/230 V, 50/60 cps, 1 phase; secondary; 37.8V, 14.8V, 14.8 v, 28.4V, 240 V. Hermetically sealed metal case, stud mtd. 11 solder stud terminals. 4.625 in. lg by 4.750 in. wd by 2.625 in. hg. 82679 P/N TF362.	
TB1		TERMINAL BOARD: barrier type; two 6-32 thd single screw terminals and feed thru solder lugs. Phenolic body 0.406 in. by 0.875 in. by 1.500 in. Dwg TM100-2. 86168 P/N 2-164YD.	
XA1		NOT USED.	
XA2			
thru			
XA9		CONNECTOR, RECEPTACLE, ELECTRICAL: 15 double sided female contacts rated at 5 amps and 1800 volts RMS. Phenolic housing with floating bushing and eyelet terminals. Accepts printed circuit board thickness of 0.954 to 0.071 in. 82679 P/N JJ319A15DFE.	
XDS1		LIGHT, INDICATOR: Green lens. 1.35 to 28 v. T=1-3/4 lamp base 2 terminals. 0.437 in. dia by 1.500 in. lg. Dwg TS153-9. 72619 P/N 162-8430-1472-502.	
XF1		FUSEHOLDER, LAMP INDICATING: 90-250 v, 15 amps, neon lamp, clear knob, accomodates 1/4 in. dia by 1-1/4 in. lg fuse. Dwg FH104-3. 71400 P/N HKL-X.	
XF2		SAME AS XF1.	
A1		FREQUENCY READOUT ASSEMBLY: 5 circuit card assemblies plug-into a non-repairable circuit card, item is electrically connected by 2 connectors, 8 screws for mounting to chassis, bracket enclosed; 10.500 in. lg by 3.000 in. hg. by 4.250 in. wd. 82679 P/N AX5003.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1A1		CIRCUIT CARD ASSEMBLY: 27 resistors, 32 capacitors, 8 coils, 4 integrated circuits, 1 filter, 7 transistors, 4 semiconductors, plug-in item; p/o AX5003; 10.312 in. lg by 2.312 in. wd by 0.812 in. hg. 82679 P/N A4658.	
A1A1C1		CAPACITOR, FIXED, CERAMIC: 10,000 pf \pm 20%, 100 wvdc, 0.344 in. dia by 0.125 in. thk. by 0.250 in. lead spacing. 82679 P/N CC100-43.	
A1A1C2		SAME AS A1A1C1.	
A1A1C3		CAPACITOR: MIL type CS13BE225K.	
A1A1C4		SAME AS A1A1C1.	
A1A1C5		CAPACITOR: MIL type CS13BE476K.	
A1A1C6		SAME AS A1A1C1.	
A1A1C7		CAPACITOR, FIXED, MICA: 390 pf, \pm 2% tol, 100 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F391G1S.	
A1A1C8		SAME AS A1A1C3.	
A1A1C9		SAME AS A1A1C1.	
A1A1C10		SAME AS A1A1C1.	
A1A1C11		SAME AS A1A1C5.	
A1A1C12		SAME AS A1A1C1.	
A1A1C13		SAME AS A1A1C1.	
A1A1C14		SAME AS A1A1C1.	
A1A1C15		SAME AS A1A1C5.	
A1A1C16		SAME AS A1A1C1.	
A1A1C17		CAPACITOR, FIXED, CERAMIC: 1,000 pf, GMV, 500 wvdc, 0.310 in. dia by 0.156 in. thk. 82679 P/N CC100-29.	
A1A1C18		CAPACITOR, FIXED, MICA: 100 pf, 5% tol, 500 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F101J5S.	
A1A1C19			
thru			
A1A1C26		SAME AS A1A1C1.	
A1A1C27		CAPACITOR, FIXED, MICA: 820 pf, \pm 2% tol, 300 wvdc, 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM111F821G3S.	
A1A1C28		SAME AS A1A1C1.	
A1A1C29		SAME AS A1A1C1.	
A1A1C30		SAME AS A1A1C1.	
A1A1C31		SAME AS A1A1C3.	
A1A1C32		SAME AS A1A1C1.	
A1A1CR1		SEMICONDUCTOR DEVICE: MIL type 1N914.	
A1A1CR2		SAME AS A1A1CR1.	
A1A1CR3		SAME AS A1A1CR1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1A1FL1		OSCILLATOR, RADIO FREQUENCY: 1,000 Khz frequency, + 24 vdc + 5%, 5 ma osc supply; output, 200 millivolts to 200 ohm load. Steel case, stud mtd. 3.000 in. lg by 1.600 in. wd by 0.750 in. hg. 82679 P/N A0122.	
A1A1L1		COIL, RF, FIXED: 22 uh, Q=46 at 2.5 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-220.	
A1A1L2		SAME AS A1A1L1.	
A1A1L3		SAME AS A1A1L1.	
A1A1L4		COIL, RF, FIXED: 220 uh, Q=58 at 0.79 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-221.	
A1A1L5		SAME AS A1A1L4.	
A1A1L6		SAME AS A1A1L4.	
A1A1L7		COIL, RF, FIXED: 33 uh, Q=46 at 25 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-330.	
A1A1L8 A1A1Q1		SAME AS A1A1L7.	
thru			
A1A1Q5		TRANSISTOR: MIL type 2N918.	
A1A1Q6		TRANSISTOR: MIL type 2N2907.	
A1A1Q7		TRANSISTOR: MIL type 2N706.	
A1A1R1		RESISTOR: MIL type RC24GF221J.	
A1A1R2		RESISTOR: MIL type RC07GF470J.	
A1A1R3		RESISTOR: MIL type RC07GF103J.	
A1A1R4		RESISTOR: MIL type RC07GF222J.	
A1A1R5		RESISTOR: MIL type RC07GF681J.	
A1A1R6		RESISTORS: MIL type RC96GF101J.	
A1A1R7		SAME AS A1A1R4.	
A1A1R8		RESISTOR: MIL type RC07GF151J.	
A1A1R9		RESISTOR: MIL type RC07GF331J.	
A1A1R10		RESISTOR: MIL type RC07GF100J.	
A1A1R11		RESISTOR: MIL type RC07GF471J.	
A1A1R12		SAME AS A1A1R11.	
A1A1R13		RESISTOR: MIL type RC07GF472J.	
A1A1R14		SAME AS A1A1R11.	
A1A1R15		SAME AS A1A1R11.	
A1A1R16		SAME AS A1A1R11.	
A1A1R17		RESISTOR: MIL type RC07GF104J.	
A1A1R18		SAME AS A1A1R3.	
A1A1R19		SAME AS A1A1R11.	
A1A1R20		RESISTOR: MIL type RC07GF102J.	
A1A1R21		RESISTOR: MIL type RC07GF153J.	
A1A1R22		RESISTOR: MIL type RC07GF332J.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1A1R23 A1A1R24 A1A1R25 A1A1R26 A1A1R27 A1A1VR1 A1A1Z1		SAME AS A1A1R13. SAME AS A1A1R6. SAME AS A1A1R20. SAME AS A1A1R4. SAME AS A1A1R22. SEMICONDUCTOR DEVICE: MIL type IN759A. INTEGRATED CIRCUIT, NAND/NOR GATE: 14 pins, plastic case. Supply voltage 7 v. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW169.	
A1A1Z2 A1A1Z3		SAME AS A1A1Z1. INTEGRATED CIRCUIT, INPUT J-K FLIP FLOP: 14 pins, plastic case. Supply voltage 7.0 v 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW168.	
A1A1Z4		INTEGRATED CIRCUIT, DECADE DIVIDER: 8 pins, plastic case. Digital input DC to 30 Mhz, analog input 5 hz to 30 Mhz. 0.438 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW171.	
A1A2		CIRCUIT CARD ASSEMBLY: 38 resistors, 45 capacitors, 14 coils, 11 integrated circuits, 9 transistors, 10 semiconductors, plug-in item, p/o AX5003, 10.312 in. lg by 5.312 in. wd by 0.500 in. hg. 82679 P/N A4659.	
A1A2C1 A1A2C2 A1A2C3 A1A2C4 A1A2C5 A1A2C6 A1A2C7 A1A2C8		CAPACITOR: MIL type CS13BF106K. SAME AS A1A1C1. SAME AS A1A1C17. SAME AS A1A1C1. SAME AS A1A1C17. SAME AS A1A1C1. SAME AS A1A1C1.	
A1A2C9		CAPACITOR, FIXED, MICA: 430 pf, $\pm 2\%$ tol, 500 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F431G5S.	
A1A2C10 A1A2C11 A1A2C12		CAPACITOR, FIXED, MICA: 1500 pf, $\pm 1\%$ tol, 300 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM112F152F3S. SAME AS A1A1C18. SAME AS A1A1C18.	
A1A2C13 A1A2C14		CAPACITOR, FIXED, MICA: 1,000 pf, $\pm 1\%$ tol, 100 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM111F102F1S. SAME AS A1A1C5. SAME AS A1A2C12.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1A2C15		SAME AS A1A1C18.	
A1A2C16			
thru			
A1A2C22		SAME AS A1A1C1.	
A1A2C23		SAME AS A1A1C27.	
A1A2C24			
thru			
A1A2C35		SAME AS A1A1C1.	
A1A2C36		SAME AS A1A2C1.	
A1A2C37		SAME AS A1A1C1.	
A1A2C38		CAPACITOR, FIXED, MICA: 330 pf, \pm 2% tol, 500 wvdc.	
		0.440 in. lg by 0.473 in. wd, 0.170 in. thk. 82679	
		P/N CM111E331G5S.	
A1A2C39		CAPACITOR, FIXED, MICA: 620 pf, \pm 2% tol, 300 wvdc.	
		0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679	
		P/N CM111F621G3S.	
A1A2C40		SAME AS A1A2C38.	
A1A2C41		CAPACITOR, FIXED, CERAMIC: 100,000 pf, \pm 80% - 20%,	
		100 wvdc, 0.690 in. dia by 0.156 in. thk by 0.375 in.	
		lead spacing. 82679 P/N CC100-28.	
A1A2C42		CAPACITOR, FIXED, MICA: 560 pf. \pm 2% tol, 300 wvdc.	
		0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679	
		P/N CM111F561G3S.	
A1A2C43		SAME AS A1A1C1.	
A1A2C44		SAME AS A1A1C1.	
A1A2C45		SAME AS A1A2C17.	
A1A2CR1		RECTIFIER, SEMICONDUCTOR DEVICE: forward voltage,	
		1.0 v; breakdown voltage, 10 v. 0.170 in. lg by	
		0.076 in. dia, wire lead mtd. 82679 P/N DD137.	
A1A2CR2		SAME AS A1A1CR1.	
A1A2CR3		SAME AS A1A2CR1.	
A1A2CR4		SAME AS A1A2CR1.	
A1A2CR5		SAME AS A1A1CR1.	
A1A2CR6		SAME AS A1A2CR1.	
A1A2CR7			
thru			
A1A2CR10		SAME AS A1A1CR1.	
A1A2L1		COIL, RF, FIXED: 10 uh, Q=49 at 7.9 Mhz, 0.157 in.	
		dia by 0.395 in. lg. 82679 P/N CL433-100.	
A1A2L2		SAME AS A1A1L1.	
A1A2L3		SAME AS A1A1L4.	
A1A2L4		SAME AS A1A1L4.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1A2L5		SAME AS A1A2L1.	
A1A2L6		COIL, RF, FIXED: 330 uh, Q=54 at 0.79 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-331.	
A1A2C7		SAME AS A1A1L7.	
A1A2C8		SAME AS A1A1L4.	
A1A2C9		SAME AS A1A2L6.	
A1A2C10		SAME AS A1A2L6.	
A1A2L11		COIL, RF, FIXED: 100 uh, Q=52 at 2.5 Mhz. 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-101.	
A1A2L12		SAME AS A1A2L.	
A1A2L13		SAME AS A1A2L6.	
A1A2L14		SAME AS A1A2L1.	
A1A2Q1		SAME AS A1A1Q1.	
A1A2Q2		SAME AS A1A1Q1.	
A1A2Q3		TRANSISTOR: MIL type 2N1132.	
A1A2Q4			
thru			
A1A2Q9		SAME AS A1A1Q7.	
A1A2R1		SAME AS A1A1R5.	
A1A2R2		SAME AS A1A1R11.	
A1A2R3		SAME AS A1A1R9.	
A1A2R4		SAME AS A1A1R3.	
A1A2R5		SAME AS A1A1R11.	
A1A2R6		SAME AS A1A1R9.	
A1A2R7		RESISTOR: MIL RC07GF221J.	
A1A2R8		SAME AS A1A2R7.	
A1A2R9		SAME AS A1A1R9.	
A1A2R10		SAME AS A1A1R11.	
A1A2R11		SAME AS A1A1R3.	
A1A2R12		SAME AS A1A2R7.	
A1A2R13		SAME AS A1A1R21.	
A1A2R14		SAME AS A1A1R17.	
A1A2R15		SAME AS A1A1R20.	
A1A2R16		SAME AS A1A1R20.	
A1A2R17		SAME AS A1A1R21.	
A1A2R18		SAME AS A1A1R3.	
A1A2R19		SAME AS A1A1R20.	
A1A2R20		SAME AS A1A1R3.	
A1A2R21		SAME AS A1A1R21.	
A1A2R22		SAME AS A1A1R13.	
A1A2R23		SAME AS A1A1R11.	
A1A2R24		SAME AS A1A1R20.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1A2R25		SAME AS A1A1R22.	
A1A2R26		SAME AS A1A1R13.	
A1A2R27		SAME AS A1A1R3.	
A1A2R28		SAME AS A1A1R4.	
A1A2R29		SAME AS A1A1R7.	
A1A2R30		SAME AS A1A2R7.	
A1A2R31		SAME AS A1A1R4.	
A1A2R32		SAME AS A1A2R7.	
A1A2R33		SAME AS A1A1R4.	
A1A2R34		SAME AS A1A120.	
A1A2R35		SAME AS A1A1R4.	
A1A2R36		SAME AS A1A1R5.	
A1A2R37		SAME AS A1A1R13.	
A1A2R38		RESISTOR: MIL TYPE RC07GF152J.	
A1A2Z1		SAME AS A1A1Z3.	
A1A2Z2		INTEGRATED CIRCUIT, DECADE DIVIDER: 8 pins, plastic case. Digital input DC to 30 Mhz, analog input 5 Hz, to 30 Mhz. 0.438 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW170.	
A1A2Z3		INTEGRATED CIRCUIT, MASTER-SLAVE FLIP FLOP: 14 pins, plastic case. Supply voltage 4.75 v to 5.25 v. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW159.	
A1A2Z4		INTEGRATED CIRCUIT, POSITIVE NAND GATE: 14 pins, plastic case. Supply voltage 4.75 v to 5.25 v. 0.770 in. lg by 0.250 in. wd by 0.220 in. hg. 82679 P/N NW176.	
A1A2Z5 thru		SAME AS A1A2Z4.	
A1A2Z8		INTEGRATED CIRCUIT, MASTER-SLAVE FLIP FLOP: 14 pins, plastic case. Supply voltage 4.75 to 5.25 V. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW159.	
A1A2Z9		INTEGRATED CIRCUIT, MASTER-SLAVE FLIP FLOP: 14 pins, plastic case. Supply voltage 4.75 to 5.25 V. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW159.	
A1A2Z10		SAME AS A1A2Z3.	
A1A2Z11		INTEGRATED CIRCUIT, DUAL POSITIVE NANDGATE: 14 pins, plastic case. Supply voltage 4.75V to 5.25V. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW168.	
A1A3		CIRCUIT CARD ASSEMBLY: 13 capacitors, 4 coils, 17 integrated circuits, plug-in item, p/o AX5003; 10.312 in. lg by 2.312 in. wd by 0.375 in. hg. 82679 P/N A4660.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1A3C1 thru A1A3C13 A1A3L1		SAME AS A1A1C1. COIL, RF, FIXED: 1,000 uh, Q=65 at 0.79 Mhz, 0.157 in. dia by 0.396 in. lg. 82679 P/N CL433-102.	
A1A3L2 A1A3L3 A1A3L4 A1A3Z1 A1A3Z2 A1A3Z3 A1A3Z4		SAME AS A1A3L1. SAME AS A1A3L. SAME AS A1A3L. SAME AS A1A2Z3. SAME AS A1A2Z9. SAME AS A1A2Z9.	
A1A3Z5 A1A3Z4		INTEGRATED CIRCUIT, POSITIVE NANDGATE: 14 pins, plastic case. Supply voltage 4.75V to 5.25V. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW164.	
A1A3Z5 A1A3Z4		SAME AS A1A2Z3. INTEGRATED CIRCUIT, POSITIVE NANDGATE: 14 pins, plastic case. Supply voltage 4.75 v to 5.25 v. case; 0.770 in. lg by 0.250 in. wd by 0.200 in. hg. 82679 P/N NW134.	
A1A3Z7 A1A3Z8 A1A3Z9 thru A1A3Z15 A1A3Z16 A1A3Z17		SAME AS A1A3Z6. SAME AS A1A3Z6. SAME AS A1A2Z4. SAME AS A1A3Z6. SAME AS A1A3Z6.	
A1A4		CIRCUIT CARD ASSEMBLY: 6 resistors, 7 capacitors, 4 coils, 23 integrated circuits, 2 transistors, 1 semiconductor, plug-in item, p/o AX5003; 10.312 in. lg by 2.312 in. wd by 0.500 in. hg. 82679 P/N A4661.	
A1A4C1 thru A1A4C7 A1A4CR1 A1A4L1 thru A1A4L4		SAME AS A1A1C1. SAME AS A1A1CR1 SAME AS A1A2L1.	
A1A4Q1 A1A4Q2 A1A4R1 A1A4R2		TRANSISTOR: MIL type 2N2222. SAME AS A1A1Q7. SAME AS A1A1R20. SAME AS A1A1R20.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1A4R3 A1A4R4 A1A4R5 A1A4R6 A1A4Z1 A1A4Z2 A1A4Z3		SAME AS A1A1R11. SAME AS A1A1R11. SAME AS A1A1R11. SAME AS A1A1R4. SAME AS A1A3Z6. SAME AS A1A2Z3.	
thru A1A4Z12 A1A4Z13 thru A1A4Z18 A1A4Z19 thru A1A1Z23		SAME AS A1A3Z6. INTEGRATED CIRCUIT, QUADRUPLE BISTABLE LATCH: 16 pins, plastic case. 0.438 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW177.	
A1A5 A1A5DS1		SAME AS A1A2Z4. CIRCUIT CARD ASSEMBLY: Non-Repairable item, p/o AX5003; 10.312 in. lg by 4.062 in. wd by 0.875 in. hg. 82679 P/N A4662. INDICATOR, DIGITAL DISPLAY: displays numerals 0 thru 9 with decimal point to right of numerals, min supply voltage 170 vdc. 14 pin type terminals. 0.750 in. dia by 1.800 in. hg from mt. surface. 82679 P/N BI117-3.	
A1A5DS2 A1A5DS3		SAME AS A1A5DS1. INDICATOR, DIGITAL DISPLAY: displays numerals 0 thru 9, min. supply voltage 170 vdc. 14 pin type terminals. 0.750 in. dia by 1.800 in. hg from mtg surface. 82679 P/N BI117-1.	
A1A5DS4 A1A5DS5 A1A5DS6		SAME AS A1A5DS3. SAME AS A1A5DS3. SAME AS A1A5DS3.	
A2		CIRCUIT CARD ASSEMBLY: 26 resistors, 19 capacitors, 12 transistors, 12 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4663.	
A2C1		CAPACITOR, FIXED, ELECTROLYTIC: 350 uf, 75 wvdc, 0.750 in. dia by 2.125 in. lg. Dwg CE119-350-75, 80183 P/N 39D357G075GV4.	
A2C2		CAPACITOR, FIXED, ELECTROLYTIC: 200 uf, -10% + 150% at 125 cps, 25°C, 15 wvdc, 0.437 in. dia by 1.625 in. lg. Dwg CE105-200-15. 14655 P/N NW200-15.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2C3		SAME AS A1A2C41.	
A2C4		CAPACITOR, FIXED, ELECTROLYTIC: 10 uf, -10% + 150% at 125 cps. 25° wvdc, 0.312 in. dia by 0.750 in. lg. Dwg CE105-10-25. 14655 P/N NLW10-25.	
A2C5		CAPACITOR, FIXED, ELECTROLYTIC: 10 uf, -10% + 150% at 125 cps. 25°C, 25 wvdc, 0.312 in. dia by 0.750 in. lg. Dwg CE105-10-25. 14655 P/N NLW10-25.	
A2C6		SAME AS A1A1C5.	
A2C7		CAPACITOR, FIXED, ELECTROLYTIC: 1,000 uf, 25 wvdc, 0.813 in. dia by 2.250 in. lg. Dwg CE119-1000-25. 80183 P/N 39D108G025GL4.	
A2C8		SAME AS A2C2.	
A2C9		SAME AS A1A2C41.	
A2C10		SAME AS A2C4.	
A2C11		SAME AS A1A2C41.	
A2C12		CAPACITOR: MIL type CS13BC227K.	
A2C13		CAPACITOR, FIXED, ELECTROLYTIC: 500 uf, 50 wvdc, 0.875 in. dia by 2.125 in. lg. Dwg CE119-500-50. 80183 P/N 39D507G050HL4.	
A2C14		SAME AS A2C2.	
A2C15		SAME AS A1A2C41.	
A2C16		SAME AS A2C4.	
A2C17		SAME AS A1A2C41.	
A2C18		SAME AS A1A1C5.	
A2C19		CAPACITOR, FIXED, ELECTROLYTIC: 12 uf, 350 wvdc, 0.562 in. dia by 2.250 in. lg. Dwg CE119-12-350. 80183 P/N 39D126F350E14.	
A2CR1 thru A2CR6		NOT USED.	
A2CR7		SEMICONDUCTOR DEVICE: MIL type 1N649.	
A2CR8		NOT USED.	
A2CR9		NOT USED.	
A2CR10		SAME AS A2CR7.	
A2CR11 thru A2CR14		SAME AS A1A1CR1.	
A2Q1		TRANSISTOR: MIL type 2N4036.	
A2Q2		TRANSISTOR: MIL type 2N2631.	
A2Q3		SAME AS A1A1Q7.	
A2Q4		TRANSISTOR: MIL type 2N1711.	
A2Q5		SAME AS A2Q1.	
A2Q6		SAME AS A2Q2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2Q7		SAME AS A1A1Q7.	
A2Q8		SAME AS A1A1Q7.	
A2Q9		SAME AS A2Q2.	
A2Q10		SAME AS A2Q1.	
A2Q11		SAME AS A1A12Q3.	
A2Q12		SAME AS A2Q1.	
A2R1		RESISTOR: MIL type RC20GF682J.	
A2R2		SAME AS A1A1R9.	
A2R3		SAME AS A1A1R8.	
A2R4		RESISTOR, VARIABLE, WIRE WOUND: 100 ohms, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. P.C. Type mounting pins. Dwg RV126-61P101.	
A2R5		NOT USED.	
A2R6		SAME AS A1A1R5.	
A2R7		SAME AS A1A1R13.	
A2R8		RESISTOR, VARIABLE, WIRE WOUND: 1,000 ohms, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. P.C. type mounting pins. Dwg RV126-61P102. 80740 P/N 61P102.	
A2R9		SAME AS A1A1R5.	
A2R10		SAME AS A1A1R5.	
A2R11		SAME AS A1A1R8.	
A2R12		SAME AS A1A1R6.	
A2R13		SAME AS A2R4.	
A2R14		NOT USED.	
A2R15		SAME AS A1A1R6.	
A2R16		SAME AS A1A1R6.	
A2R17		SAME AS A2R4.	
A2R18		RESISTOR: MIL type RC07GF2R7J.	
A2R19		SAME AS A1A2R13.	
A2R20		SAME AS A1A1R7.	
A2R21		SAME AS A1A1R8.	
A2R22		SAME AS A2R8.	
A2R23		RESISTOR: MIL type RC07GF150J.	
A2R24		SAME AS A1A1R22.	
A2R25		SAME AS A1A1R21.	
A2R26		RESISTOR, VARIABLE, WIRE WOUND: 5,000 ohms, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. P.C. type mounting pins. DWG RV126-61P502. 80740 P/N 61P502.	
A2R27		RESISTOR: MIL type RC07GF682J.	
A2R28		NOT USED.	
A2R29		RESISTOR: MIL type RC20GF224J.	
A2VR1		NOT USED.	
A2VR2		SEMICONDUCTOR DEVICE: MIL type 1N4370.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2VR3 A2VR4 A2VR5 A2VR6 A2VR7 A2VR8 A2VR9		SEMICONDUCTOR DEVICE: MIL type 1N754A. NOT USED. SAME AS A2VR2. SAME AS A2VR2. NOT USED. SAME AS A2VR2. SAME AS A2VR3.	
A3		CIRCUIT CARD ASSEMBLY: 78 resistors, 62 capacitors, 8 coils, 2 transformers, 1 oscillator, 3 filters, 4 integrated circuits, 3 relays, 12 transistors, 19 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4664.	
A3C1 A3C2 A3C3		SAME AS A1A2C41. SAME AS A1A2C41. CAPACITOR, FIXED, MICA: 22 uuf, $\pm 5\%$ tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E220J5S.	
A3C4 A3C5 A3C6 A3C7		SAME AS A1A2C41. SAME AS A1A1C17. SAME AS A1A2C41. CAPACITOR, FIXED, MICA: 2,700 uuf, $\pm 5\%$ tol, 500 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM112F272J5S.	
A3C8 A3C9 A3C10 A3C11 A3C12 A3C13 A3C14 A3C15 A3C16 A3C17 A3C18 A3C19 A3C20		SAME AS A1A2C41. SAME AS A1A1C1. SAME AS A1A2C41. SAME AS A3C7. SAME AS A1A2C41. SAME AS A1A1C1. SAME AS A1A2C41. SAME AS A3C7. SAME AS A1A2C41. SAME AS A1A1C1. SAME AS A1A2C41. SAME AS A3C7.	
thru A3C26 A3C27		SAME AS A1A2C41. CAPACITOR, FIXED, MICA: 3,900 uuf, $\pm 1\%$ tol, 500 wvdc. 0.680 in. lg by 0.540 in. wd by 0.270 in. thk. 82679 P/N CM112F392F5S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3C28 thru A3C31 A3C32		SAME AS A1A2C41. CAPACITOR, FIXED, MICA: 470 uuf, $\pm 2\%$ tol, 500 wvdc. 0.440 in. wd by 0.170 in. thk. 82679 P/N CM111E471G 5S.	
A3C33		CAPACITOR, FIXED, CERAMIC: 10,000 uuf, GMV, 600 wvdc, 0.600 in. dia by 0.156 in. thk by 0.375 in. lead spacing. 82679 P/N CC100-16.	
A3C34		SAME AS A3C3.	
A3C35		SAME AS A1A2C41.	
A3C36		CAPACITOR, FIXED, MICA: 3,300 uuf, $\pm 2\%$ tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F332G5S.	
A3C37		SAME AS A1A2C41.	
A3C38		SAME AS A1A2C39.	
A3C39		SAME AS A1A2C41.	
A3C40		SAME AS A1A2C41.	
A3C41		SAME AS A1A1C1.	
A3C42		SAME AS A1A2C41.	
A3C43		SAME AS A1A2C41.	
A3C44		SAME AS A3C34.	
A3C45		SAME AS A1A2C41.	
A3C46		SAME AS A1A2C41.	
A3C47		SAME AS A3C32.	
A3C48		SAME AS A3C3.	
A3C49		SAME AS A3C33.	
A3C50		SAME AS A1A2C41.	
A3C51		SAME AS A1A2C41.	
A3C52		SAME AS A1A2C41.	
A3C53		SAME AS A2C12.	
A3C54		SAME AS A2C12.	
A3C55			
thru			
A3C58		SAME AS A1A2C41.	
A3C59		SAME AS A1A1R11.	
A3C60		SAME AS A1A2C41.	
A3C61		SAME AS A1A2C41.	
A3C62		CAPACITOR: MIL type CL33CE200MN3.	
A3CR1			
thru			
A3CR12		SAME AS A1A1CR1.	
A3CR13		NOT USED.	
A3CR14		NOT USED.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3CR15		NOT USED.	
A3CR16		SAME AS A1A1CR1.	
A3CR17		SAME AS A1A1CR1.	
A3CR18		SAME AS A1A1CR1.	
A3FL1		FILTER, BANDPASS: 250 Khz nom. center freq; output imp 510 ohms. Hermetically sealed steel case, 3.480 in. lg by 0.660 in. hg by 1.100 in. wd. 82679 P/N FX256.	
A3K1		RELAY, ARMATURE, DC: DPDT, 400 milliwatt sensitivity. Coil data; 6.0 milliamps, 2,500 ohms. Operate time; 15 milliseconds. Release time; 10 milliseconds. Hermetically sealed metal case 1.281 in. hg by 0.800 in. wd by 0.400 in. thk. Bracket mounted. 82679 P/N RL178-U6D4R0.	
A3K2		SAME AS A3K1.	
A3K3		SAME AS A3K1.	
A3L1		SAME AS A1A3L1.	
A3L2			
thru			
A3L5		COIL, RF, FIXED: 150 uh, Q=50 at .79 Mhz, 0.400 in. dia by 0.500 in. lg. Dwg CL430-4. 72259 P/N VIV-150.0.	
A3L6		COIL, RF, FIXED: 4700 uh, Q=44 at 0.25 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-472.	
A3L7		SAME AS A3L6.	
A3L8		SAME AS A1A1R6.	
A3Q1			
thru			
A3Q4		TRANSISTOR: MIL type 2N4221.	
A3Q5			
thru			
A3Q9		SAME AS A1A1Q7.	
A3Q10		SAME AS A2Q4.	
A3Q11		SAME AS A1A2Q3.	
A3Q12		TRANSISTOR: MIL type 3N128.	
A3R1		RESISTOR: MIL type RC02GF681.	
A3R2		SAME AS A3R1.	
A3R3		RESISTOR, VARIABLE, WIRE WOUND: 500 ohms, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. P.C. type mounting pins. Dwg RV126-61P501. 80740 P/N 61P501.	
A3R4		RESISTOR: MIL type RC07GF154J.	
A3R5		RESISTOR: MIL type RC07GF474J.	
A3R6		SAME AS A1A1R13.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3R7		RESISTOR: MIL type RC07GF473J.	
A3R8		SAME AS A1A1R13.	
A3R9		SAME AS A1A1R13.	
A3R10		SAME AS A3R5.	
A3R11		SAME AS A3R4.	
A3R12		SAME AS A3R7.	
A3R13		SAME AS A1A1R2.	
A3R14		SAME AS A1A1R2.	
A3R15		SAME AS A3R4.	
A3R16		SAME AS A3R5.	
A3R17		SAME AS A1A1R13.	
A3R18		SAME AS A3R7.	
A3R19		SAME AS A1A1R2.	
A3R20		SAME AS A1A1R13.	
A3R21		SAME AS A3R5.	
A3R22		SAME AS A3R4.	
A3R23		SAME AS A1A1R3.	
A3R24		SAME AS A1A1R2.	
A3R25		SAME AS A1A1R13.	
A3R26		SAME AS A1A1R13.	
A3R27		SAME AS A1A12R7.	
A3R28		SAME AS A1A1R11.	
A3R29		SAME AS A1A1R11.	
A3R30		SAME AS A1A1R22.	
A3R31		SAME AS A1A2R7.	
A3R32		SAME AS A1A1R13.	
A3R33		SAME AS A1A1R4.	
A3R34		RESISTOR, VARIABLE, WIRE WOUND: 5,000 ohms, + 5% tol. 0.500 in. by 0.500 in. by 0.220 in. Gold plated nickel 0.028 in. dia P.C. pins. Dwg RV125- P502. 80294 P/N 3250P502.	
A3R35		SAME AS A1A1R3.	
A3R36		SAME AS A1A1R3.	
A3R37		SAME AS A1A1R20.	
A3R38		SAME AS A1A1R20.	
A3R39		SAME AS A1A1R3.	
A3R40		SAME AS A1A1R5.	
A3R41		SAME AS A1A1R3.	
A3R42		SAME AS A1A1R3.	
A3R43		SAME AS A1A1R20.	
A3R44		RESISTOR, VARIABLE, WIRE WOUND: 10,000 ohms, + 20% tol. 0.250 in. dia by 0.250 in. hg. P.C. type mounting pins. Dwg RV126-61P103. 80740 P/N 61P103.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3R45		SAME AS A1A1R3.	
A3R46		SAME AS A1A1R3.	
A3R47		SAME AS A1A1R11.	
A3R48		SAME AS A1A2R7.	
A3R49		SAME AS A1A1R13.	
A3R50		SAME AS A1A1R20.	
A3R51		SAME AS A1A1R3.	
A3R52		SAME AS A1A1R3.	
A3R53		SAME AS A1A1R13.	
A3R54		SAME AS A1A1R17.	
A3R55		SAME AS A1A2R7.	
A3R56		SAME AS A1A1R13.	
A3R57		SAME AS A3R44.	
A3R58		SAME AS A1A2R38.	
A3R59		SAME AS A1A1R11.	
A3R60		SAME AS A1A1R3.	
A3R61		SAME AS A1A1R17.	
A3R62		SAME AS A3R7.	
A3R63		SAME AS A1A1R20.	
A3R64		RESISTOR: MIL type RC07GF223J.	
A3R65		SAME AS A1A2R38.	
A3R66		SAME AS A3R7.	
A3R67		SAME AS A3R7.	
A3R68		SAME AS A1A2R38.	
A3R69		SAME AS A1A1R2.	
A3R70		SAME AS A3R7.	
A3R71		SAME AS A3R7.	
A3R72		SAME AS A1A1R11.	
A3R73		SAME AS A3R7.	
A3R74		SAME AS A3R7.	
A3R75		SAME AS A1A2R38.	
A3R76		SAME AS A1A1R3.	
A3R77		RESISTOR: MIL type RC07GF333J.	
A3R78		SAME AS A3R44.	
A3VR1		SEMICONDUCTOR DEVICE: MIL type 1N756A.	
A3VR2		SAME AS A3VR1.	
A3VR3		SEMICONDUCTOR DEVICE: MIL type 1N758A.	
A3VR4		SAME AS A3VR3.	
A3Z1		INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER: 8 pins, metal case. Supply voltage ± 18 v. 0.375 in. dia by 0.187 in. hg. 82679 P/N NW156.	
A3Z2		SAME AS A3Z1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3Z3 A3Z4		SAME AS A3Z1. OSCILLATOR, RADIO FREQUENCY: 250 Khz freq, +24 vdc + 5%, 20 ma osc supply; output, 1 v RMS into 500 ohm load. Steel case, stud mtd. 3,000 in. lg by 1.600 in. wd by 0.750 in. hg. 82679 P/N A0124.	
A5		CIRCUIT CARD ASSEMBLY: 81 resistors, 62 capacitors, 8 coils, 2 transformers, 1 relay, 2 integrated circuits, 18 transistors, 11 semiconductors, plug-in item; 10.031 in. by by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4668.	
A5C1		SAME AS A1A2C41.	
A5C2		SAME AS A1A2C1.	
A5C3			
thru			
A5C7		SAME AS A1A2C41.	
A5C8		CAPACITOR, FIXED, MICA: 2,700 uuf, $\pm 5\%$ tol, 300 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in thk. 82679 P/N CM112F272J3S.	
A5C9		SAME AS A1A2C41.	
A5C10		SAME AS A1A2C41.	
A5C11		CAPACITOR, FIXED, MICA: 6,800 uuf, $\pm 5\%$ tol, 100 wvdc. 0.690 in. lg by 0.560 in. wd by 0.320 in. thk. 82679 P/N CM112F682J1S.	
A5C12		SAME AS A1A2C41.	
A5C13		SAME AS A1A2C41.	
A5C14		SAME AS A5C11.	
A5C15		SAME AS A1A2C41.	
A5C16		SAME AS A1A2C41.	
A5C17		CAPACITOR, FIXED, MICA: 10,000 uuf, $\pm 1\%$ tol, 100 wvdc. 0.790 in. lg by 0.570 in. wd by 0.340 in. thk. 82679 P/N CM112F103F1S.	
A5C18		SAME AS A5C17.	
A5C19		CAPACITOR, FIXED, MICA: 1,000 uuf, $\pm 1\%$ 100 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM111F102F1S.	
A5C20		CAPACITOR, FIXED, MICA: 3,300 uuf, $\pm 2\%$ tol, 500 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM112F332G5S.	
A5C21		SAME AS A1A2C41.	
A5C22		CAPACITOR, FIXED, MICA: 4,700 uuf, $\pm 5\%$ tol, 500 wvdc. 0.665 in. lg, 0.625 in. wd, 0.240 in. thk. 82679 P/N CM112F472J5S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3C23		SAME AS A5C19.	
A3C24		SAME AS A3C33.	
A3C25		SAME AS A1A2C1.	
A3C26		SAME AS A1A2C41.	
A3C27		SAME AS A5C11.	
A3C28		SAME AS A1A2C41.	
A3C29		SAME AS A1A2C41.	
A5C30		CAPACITOR, FIXED, MICA: 8,200 uuf, $\pm 1\%$ tol, 100 wvdc. 0.790 in. lg by 0.570 in. wd by 0.340 in. thk. 82679 P/N CM112F822F1S.	
A5C31		SAME AS A5C30.	
A5C32		SAME AS A1A2C41.	
A5C33		SAME AS A1A2C41.	
A5C34		SAME AS A5C11.	
A5C35			
thru			
A5C42		SAME AS A1A2C41.	
A5C43		SAME AS A5C17.	
A5C44		SAME AS A1A2C1.	
A5C45		SAME AS A1A2C41.	
A5C46		SAME AS A1A2C41.	
A5C47		SAME AS A5C11.	
A5C48		SAME AS A1A2C41.	
A5C49		SAME AS A1A2C41.	
A5C50		SAME AS A5C17.	
A5C51		SAME AS A5C20.	
A5C52		SAME AS A1A2C41.	
A5C53		SAME AS A1A2C41.	
A5C54		SAME AS A1A2C41.	
A5C55		SAME AS A1A2C41.	
A5C56		SAME AS A1A2C41.	
A5C57		SAME AS A1A2C1.	
A5C58		NOT USED.	
A5C59		SAME AS A1A2C41.	
A5C60		SAME AS A1A2C41.	
A5C61		SAME AS A1A2C41.	
A5C62		SAME AS A1A2C41.	
A5C63		SAME AS A1A1C17.	
A5CR1			
thru			
A5K1/		SAME AS A1A1CR1.	
A5K1		SAME AS A3K1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5L1		SAME AS A1A1L4.	
A5L2		NOT USED.	
A5L3		SAME AS A1A3L1.	
A5L4		SAME AS A1A3L1.	
A5L5		SAME AS A1A1L1.	
A5L6		COIL, RF, FIXED: 680 uh, Q=60 at 0.79 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-681.	
A5L7		SAME AS A1A1L4.	
A5L8		SAME AS A13L1.	
A5L9		SAME AS A1A1L4.	
A5Q1 thru A5Q15		SAME AS A1A1Q7.	
A5Q16		SAME AS A2Q4.	
A5Q17		SAME AS A2Q4.	
A5Q18		SAME AS A1A1Q7.	
A5R1		SAME AS A1A1R3.	
A5R2		SAME AS A1A1R21.	
A5R3		SAME AS A1A1R22.	
A5R4		SAME AS A3R77.	
A5R5		SAME AS A2R27.	
A5R6		SAME AS A1A1R2.	
A5R7		SAME AS A3R44.	
A5R8		SAME AS A1A1R2.	
A5R9		SAME AS A2R27.	
A5R10		SAME AS A1A1R21.	
A5R11		SAME AS A1A1R38.	
A5R12		SAME AS A1A1R5.	
A5R13		SAME AS A1A1R38.	
A5R14		SAME AS A1A1R21.	
A5R15		SAME AS A1A1R3.	
A5R16		SAME AS A1A1R38.	
A5R17		SAME AS A1A1R5.	
A5R18		SAME AS A1A1R13.	
A5R19		SAME AS A1A2R7.	
A5R20		SAME AS A3R44.	
A5R21		SAME AS A1A1R21.	
A5R22		SAME AS A1A1R20.	
A5R23		SAME AS A3R77.	
A5R24		SAME AS A1A1R38.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5R25		SAME AS A3R77.	
A5R26		RESISTOR: MIL type RC07CF683J.	
A5R27		SAME AS A1A1R38.	
A5R28		SAME AS A1A1R38.	
A5R29		SAME AS A3R5.	
A5R30		SAME AS A1A1R22.	
A5R31		SAME AS A1A1R21.	
A5R32		SAME AS A1A1R13.	
A5R33		SAME AS A1A1R6.	
A5R34		SAME AS A1A1R??.	
A5R35		SAME AS A1A1R3.	
A5R36		RESISTOR: MIL type RN60C3320F.	
A5R37		NOT USED.	
A5R38		SAME AS A5R36.	
A5R39		SAME AS A1A1R21.	
A5R40		SAME AS A1A1R3.	
A5R41		SAME AS A1A1R6.	
A5R42		SAME AS A1A1R22.	
A5R43		SAME AS A1A1R13.	
A5R44		SAME AS A1A1R22.	
A5R45		SAME AS A1A1R3.	
A5R46		SAME AS A1A1R21.	
A5R47		SAME AS A1A1R9.	
A5R48		SAME AS A1A1R38.	
A5R49		SAME AS A1A1R21.	
A5R50		SAME AS A1A1R13.	
A5R51		SAME AS A1A2R7.	
A5R52		SAME AS A1A1R22.	
A5R53		SAME AS A1A1R5.	
A5R54		SAME AS A1A1R38.	
A5R55		SAME AS A1A1R38.	
A5R56		RESISTOR: MIL type RC42GF471J.	
A5R57		SAME AS A1A1R20.	
A5R58		SAME AS A1A2R7.	
A5R59		SAME AS A1A1R5.	
A5R60		SAME AS A1A1R38.	
A5R61		SAME AS A3R44.	
A5R62		SAME AS A1A1R21.	
A5R63		SAME AS A5R26.	
A5R64		RESISTOR, VARIABLE, WIRE WOUND. 50,000 ohms, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. P.C. type mounting pins. Dwg RV126-61P503. 80740 P/N 61P503.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5R65		SAME AS A1A1R17.	
A5R66		SAME AS A1A1R17.	
A5R67		SAME AS A1A1R21.	
A5R68		SAME AS A1A1R4.	
A5R69		SAME AS A5R26.	
A5R70		SAME AS A3R7.	
A5R71		SAME A1A1R13.	
A5R72		SAME AS A3R7.	
A5R73		SAME AS A1A1R13.	
A5R74		SAME AS A1A1R4.	
A5R75		SAME AS A1A1R20.	
A5R76		SAME AS A1A1R13.	
A5R77		SAME AS A1A1R13.	
A5R78		SAME AS A1A1R17.	
A5R79		SAME AS A3R64.	
A5R80		SAME AS A2R8.	
A5R81		SAME AS A1A1R20.	
A5R82		RESISOTR: MIL type RC20GF100J.	
A5T1		TRANSFORMER, PULSE: 2,500 uh, \pm 20% tol, wire leads. 0.500 in. lg by 0.350 in. wd by 0.250 in. hg. Dwg TF374-5. 90095 P/N 21PHA	
A5T2		SAME AS A5T1.	
A5VR1		SEMICONDUCTOR DEVICE: MIL type 1N751A.	
A5VR2		SAME AS A5VR1.	
A5VR3		SAME AS A3VR3.	
A5VR4		SAME AS A3VR3.	
A5Z1		SAME AS A3Z1.	
A5Z2		INTEGRATED CIRCUIT, 4 BIT BINARY COUNTER: Supply voltage 4.5 to 5.5 v, 14 pins, plastic case. 6.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW174.	
A6		CIRCUIT CARD ASSEMBLY: 119 resistors, 127 capacitors, 33 coils, 3 crystals, 6 integrated circuits, 31 transistors, 21 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4669.	
A6C1		SAME AS a1A1C1.	
A6C2		CAPACITOR: MIL type CS13BF476K.	
A6C3		SAME AS A1A1C1.	
A6C4		SAME AS A6C2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6C5		SAME AS A1A1C1.	
A6C6		SAME AS A6C2.	
A6C7		SAME AS A1A1C1.	
A6C8		SAME AS A1A1C1.	
A6C9		CAPACITOR, VARIABLE, CERAMIC: 9-35 uuf, 100 wvdc, min Q=500 at 1Mhz. 0.375 in. dia by 0.375 in. hg. 82679 P/N CV112-2.	
A6C10		SAME AS A3C33.	
A6C11		SAME AS A3C33.	
A6C12		CAPACITOR, FIXED, MICA: 220 uuf, + 5% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F221J5S.	
A6C13		SAME AS A1A1C18.	
A6C14		CAPACITOR, FIXED, MICA: 220 uuf, + 2% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in thk. 82679 P/N CM111F221G5S.	
A6C15 thru A6C18		SAME AS A2C33.	
A6C19		CAPACITOR, FIXED, MICA: 200 uuf, + 2% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F201G5S.	
A6C20		SAME AS A3C35.	
A6C21		SAME AS A3C33.	
A6C22		SAME AS A3C33.	
A6C23		SAME AS A6C19.	
A6C24		CAPACITOR, FIXED, MICA: 10 uuf, + 5% tol, 300 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F100J3S.	
A6C25		SAME AS A6C19.	
A6C26		SAME AS A6C24.	
A6C27		SAME AS A6C19.	
A6C28 thru A6C31		SAME AS A3C33.	
A6C32		SAME AS A6C9.	
A6C33		SAME AS A3C33.	
A6C34		SAME AS A3C33.	
A6C35		CAPACITOR, FIXED, MICA: 27 uuf, + 2% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. lg 82679 P/N CM111E270G5S.	
A6C36		SAME AS A1A1C18.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6C37 A6C38 thru A6C41 A6C42		SAME AS A1A1C7. SAME AS A3C33. CAPACITOR, FIXED, MICA: 69 uuf, $\pm 2\%$ tol, 300 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E680G5S.	
A6C43 A6C44		SAME AS A6C42. SAME AS A6C42.	
A6C45 A6C46		SAME AS A3C33. SAME AS A1A1C7.	
A6C47 A6C48		SAME AS A6C24. SAME AS A1A1C7.	
A6C49 A6C50		SAME AS A6C24. SAME AS A1A1C7.	
A6C51 thru			
A6C54 A6C55		SAME AS A3C33. SAME AS A1A2C42.	
A6C56 A6C57		SAME AS A1A2C41. SAME AS A1A2C41.	
A6C58 A6C59		SAME AS A1A2C41. SAME AS A1A1C27.	
A6C60 A6C61		SAME AS A3C33. SAME AS A3C33.	
A6C62 A6C63		SAME AS A1A1C27. SAME AS A6C24.	
A6C64 A6C65		SAME AS A1A1C27. NOT USED.	
A6C66 A6C67		SAME AS A6C24. SAME AS A3C33.	
A6C68 A6C69		SAME AS A3C33. CAPACITOR, FIXED, MICA: 510 uuf, $\pm 5\%$ tol, 300 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F511J3S.	
A6C70 A6C71		SAME AS A3C33. SAME AS A3C33.	
A6C72 A6C73		SAME AS A3C33. SAME AS A6C69.	
A6C74		CAPACITOR, FIXED, MICA: 47 uuf, $\pm 2\%$ tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F511J5S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6C75		SAME AS A6C69.	
A6C76		SAME AS A6C74.	
A6C77		SAME AS A6C69.	
A6C78		SAME AS A3C33.	
A6C79		SAME AS A3C33.	
A6C80		SAME AS A3C33.	
A6C81		CAPACITOR, FIXED, MICA: 150 uuf, + 1% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CML111F151F5S.	
A6C82		SAME AS A6C24.	
A6C83		CAPACITOR, FIXED, MICA: 120 uuf, + 2% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CML111F121G5S.	
A6C84		SAME AS A6C83.	
A6C85		SAME AS A6C81.	
A6C86		SAME AS A3C33.	
A6C87			
thru			
A6C90		SAME AS A1A2C41.	
A6C91		SAME AS A6C9.	
A6C92		SAME AS A3C33.	
A6C93		SAME AS A3C3.	
A6C94		SAME AS A3C33.	
A6C95		SAME AS A1A1C18.	
A6C96			
thru			
A6C100		SAME AS A3C33.	
A6C101		SAME AS A6C14.	
A6C102		SAME AS A3C33.	
A6C103		SAME AS A3C33.	
A6C104		SAME AS A3C33.	
A6C105		SAME AS A5C19.	
A6C106		SAME AS A3C33.	
A6C107		SAME AS A3C33.	
A6C108		SAME AS A3C33.	
A6C109		SAME AS A5C19.	
A6C110		SAME AS A6C19.	
A6C111		SAME AS A5C19.	
A6C112		SAME AS A6C19.	
A6C113		SAME AS A1A2C12.	
A6C114		SAME AS A1A2C12.	
A6C115			
thru			
A6C119		SAME AS A3C33.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6C120			
thru			
A6C127		SAME AS A3C33.	
A6CR1		SAME AS A1A1CR1.	
A6CR2		SAME AS A1A1CR1.	
A6CR3		NOT USED.	
A6CR4		SAME AS A1A1CR1.	
A6CR5		SAME AS A1A1CR1.	
A6CR6		SAME AS A1A1CR1.	
A6CR7		SAME AS A1A1CR1.	
A6CR8		SAME AS A1A1CR1.	
A6CR9		SAME AS A1A1CR1.	
A6CR10		SAME AS A1A1CR1.	
A6CR11		SAME AS A1A1CR1.	
A6CR12		SAME AS A1A1CR1.	
A6CR13		SAME AS A1A1CR1.	
A6CR14		NOT USED.	
A6CR15			
thru			
A6CR18		SAME AS A1A1CR1.	
A6L1		SAME AS A1A2L11.	
A6L2		SAME AS A1A2L11.	
A6L3		COIL, RF, FIXED: 12 uf, Q=55 at 2.5 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-120.	
A6L4		COIL, RF, FIXED: 1.0 uh, Q=47 at 25 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-1R0.	
A6L5		COIL, RF, FIXED: 4.7 uh, Q=44 at 2.5 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-4R7.	
A6L6		SAME AS A6L5.	
A6L7		SAME AS A6L5.	
A6L		SAME AS A6L5.	
A6L9		COIL, RF, FIXED: 27 uh, Q=47 at 2.5 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-270.	
A6L10		COIL, RF, FIXED: 2.2 uh, Q=47 at 2.5 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-2R2.	
A6L11		COIL, RF, FIXED: 47 uh, Q=52 at 2.5 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-470.	
A6L12		SAME AS A1A2L11.	
A6L13		SAME AS A1A2L11.	
A6L14		SAME AS A1A2L11.	
A6L15		SAME AS A6L11.	
A6L16		COIL, RF, FIXED: 3.3 uh, Q=44 at 7.9 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-3R3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6L17		SAME AS A6L16.	
A6L18			
thru			
A6L22		SAME AS A1A1L1.	
A6L23		SAME AS A6L10.	
A6L24			
thru			
A6L27		SAME AS A1A1L7.	
A6L28		SAME AS A1A2L11.	
A6L29		SAME AS A6L16.	
A6L30		SAME AS A6L11.	
A6L31		SAME AS A1A1L7.	
A6L32		COIL, RF, FIXED: 6.8 uh, Q=50 at 7.9 Mhz, 0.157 in.	
		dia by 0.395 in. lg. 82679 P/N CL433-6R8.	
A6L33		COIL, RF, FIXED: 470 uh, Q=60 at 0.79 Mhz, 0.157 in.	
		dia by 0.395 in. lg. 82679 P/N CL433-471.	
A6Q1		SAME AS A1A2Q3.	
A6Q2		SAME AS A1A1Q1.	
A6Q3		SAME AS A3Q12.	
A6Q4		SAME AS A1A1Q1.	
A6Q5		SAME AS A1A1Q1.	
A6Q6		SAME AS A1A1Q7.	
A6Q7		SAME AS A1A2Q3.	
A6Q8		SAME AS A1A1Q7.	
A6Q9		SAME AS A3Q12.	
A6Q10			
thru			
A6Q16		SAME AS A1A1Q7.	
A6Q17		SAME AS A1A1Q1.	
A6Q18		SAME AS A1A1Q7.	
A6Q19		SAME AS A1A1Q7.	
A6Q20		SAME AS A1A2Q3.	
A6Q21		SAME AS A1A2Q3.	
A6Q22		SAME AS A1A1Q7.	
A6Q23		SAME AS A3Q12.	
A6Q24		SAME AS A1A1Q1.	
A6Q25		SAME AS A1A1Q7.	
A6Q26		SAME AS A1A1Q7.	
A6Q27		SAME AS A2Q4.	
A6Q28		SAME AS A1A1Q7.	
A6Q29		SAME AS A1A1Q7.	
A6Q30		SAME AS A1A1Q7.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6Q31		SAME AS A1A1Q7.	
A6R1		SAME AS A1A1R13.	
A6R2		SAME AS A1A1R3.	
A6R3		SAME AS A1A1R20.	
A6R4		SAME AS A1A1R3.	
A6R5		SAME AS A1A1R20.	
A6R6		SAME AS A1A1R20.	
A6R7		SAME AS A1A1R20.	
A6R8		SAME AS A3R64.	
A6R9		SAME AS A3R64.	
A6R10		SAME AS A1A1R13.	
A6R11		SAME AS A1A1R6.	
A6R12		SAME AS A1A1R20.	
A6R13		RESISTOR: MIL type RC32GF102J.	
A6R14		SAME AS A1A1R20.	
A6R15		SAME AS A1A1R13.	
A6R16		SAME AS A1A1R3.	
A6R17		SAME AS A1A1R13.	
A6R18		SAME AS A1A1R20.	
A6R19		SAME AS A1A1R13.	
A6R20		SAME AS A2R8.	
A6R21		SAME AS A1A1R13.	
A6R22		SAME AS A1A1R3.	
A6R23		SAME AS A1A1R3.	
A6R24		SAME AS A1A2R7.	
A6R25		SAME AS A1A1R22.	
A6R26		SAME AS A1A1R3.	
A6R27		SAME AS A3R7.	
A6R28		SAME AS A1A1R20.	
A6R29		SAME AS A1A1R3.	
A6R30		SAME AS A1A1R20.	
A6R31		SAME AS A1A1R20.	
A6R32		SAME AS A3R64.	
A6R33		SAME AS A1A1R20.	
A6R34		SAME AS A1A1R13.	
A6R35		SAME AS A1A1R13.	
A6R36		SAME AS A1A1R6.	
A6R37		SAME AS A1A1R20.	
A6R38		SAME AS A6R13.	
A6R39		SAME AS A6R13.	
A6R40		SAME AS A1A1R13.	
A6R41		SAME AS A1A1R3.	
A6R42		SAME AS A1A1R3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6R43		SAME AS A1A1R20.	
A6R44		SAME AS A1A1R13.	
A6R45		SAME AS A2R8.	
A6R46		SAME AS A1A1R13.	
A6R47		SAME AS A1A1R3.	
A6R48		SAME AS A1A1R3.	
A6R49		SAME AS A1A1R11.	
A6R50		SAME AS A1A1R22.	
A6R51		SAME AS A1A1R22.	
A6R52		SAME AS A1A1R20.	
A6R53		SAME AS A3R64.	
A6R54		SAME AS A1A1R20.	
A6R55		SAME AS A3R64.	
A6R56		SAME AS A1A1R6.	
A6R57		SAME AS A1A1R4.	
A6R58		SAME AS A1A1R4.	
A6R59		SAME AS A1A1R20.	
A6R60		SAME AS A1A1R20.	
A6R61		SAME AS A1A1R20.	
A6R62		SAME AS A1A1R3.	
A6R63			
thru			
A6R66		SAME AS A1A1R20.	
A6R67		SAME AS A3R64.	
A6R68		SAME AS A3R64.	
A6R69		SAME AS A1A1R6.	
A6R70		SAME AS A1A1R4.	
A6R71		SAME AS A1A1R4.	
A6R72		SAME AS A1A1R20.	
A6R73		SAME AS A1A1R20.	
A6R74		SAME AS A1A1R3.	
A6R75		SAME AS A1A1R3.	
A6R76		SAME AS A1A1R3.	
A6R77		SAME AS A1A1R20.	
A6R78		SAME AS A1A1R13.	
A6R79		SAME AS A2R8.	
A6R80		SAME AS A1A1R13.	
A6R81		SAME AS A1A1R3.	
A6R82		SAME AS A1A1R11.	
A6R83		SAME AS A1A1R22.	
A6R84		RESISTOR: MIL type RC20GF471J.	
A6R85		SAME AS A1A1R3.	
A6R86		SAME AS A1A1R11.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6R87		SAME AS A1A1R20.	
A6R88		SAME AS A1A1R22.	
A6R89		SAME AS A1A1R3.	
A6R90		SAME AS A3R7.	
A6R91		SAME AS A1A1R3.	
A6R92		SAME AS A3R7.	
A6R93		SAME AS A1A1R3.	
A6R94		SAME AS A1A1R20.	
A6R95		SAME AS A1A1R20.	
A6R96		SAME AS A1A1R20.	
A6R97		SAME AS A3R64.	
A6R98		SAME AS A3R64.	
A6R99		SAME AS A1A1R20.	
A6R100		SAME AS A1A1R6.	
A6R101		SAME AS A1A1R13.	
A6R102		SAME AS A1A1R11.	
A6R103		SAME AS A1A1R20.	
A6R104		SAME AS A1A1R20.	
A6R105		SAME AS A1A1R3.	
A6R106		SAME AS A1A1R3.	
A6R107		SAME AS A1A1R13.	
A6R108		SAME AS A1A1R3.	
A6R109		SAME AS A1A1R20.	
A6R110		SAME AS A2R8.	
A6R111		SAME AS A1A1R13.	
A6R112		SAME AS A1A1R11.	
A6R113		SAME AS A1A1R22.	
A6R114		SAME AS A1A1R3.	
A6R115		SAME AS A1A1R3.	
A6R116		SAME AS A1A1R3.	
A6R117		SAME AS A1A1R3.	
A6R118		NOT USED.	
A6R119		SAME AS A2R7.	
A6R120		SAME AS A2R7.	
A6VR1 thru A6VR5		SAME AS A5VR1.	
A6Y1		CRYSTAL UNIT, QUARTZ: 10.5 Mhz. 0.510 in. hg 0.400 in. wd by 0.150 in. thk. 82679 P/N CR109-153.	
A6Y2		CRYSTAL UNIT, QUARTZ: 5.5 Mhz. 0.510 in. hg by 0.440 in. wd by 0.150 in. thk. 82679 P/N CR109-151.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6Y3 A6Z1 thru A6Z5 A6Z6		CRYSTAL UNIT, QUARTZ: 7.0 Mhz. 0.510 in. hg by 0.440 in. wd by 0.150 in. thk. 82679 P/N CR109-152. SAME AS A1A2Z9. SAME AS A1A2Z3.	
A7		CIRCUIT CARD ASSEMBLY: 148 resistors, 91 capacitors, 15 coils, 4 transformers, 1 filter, 39 transistors, 10 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4670.	
A7C1 thru A7C8 A7C9 A7C10 A7C11 A7C12		SAME AS A1A2C41. SAME AS A6C83. SAME AS A1A2C41. NOT USED. CAPACITOR, FIXED, MICA: 22 uuf, \pm 5% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F220J5S.	
A7C13 thru A7C19 A7C20 A7C21 thru A7C28 A7C29 A7C30 A7C31 A7C32		SAME AS A1A2C41. NOT USED. SAME AS A1A2C41. SAME AS A3C33. SAME AS A1A2C41. SAME AS A1A2C41. CAPACITOR, FIXED, MICA: 180 uuf, \pm 2% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F181G5S.	
A7C33 A7C34 A7C35 A7C36 A7C37 A7C38 A7C39 A7C40		SAME AS A3C33. SAME AS A1A2C41. SAME AS A3C33. SAME AS A1A2C41. SAME AS A7C32. SAME AS A3C33. SAME AS A1A2C41. SAME AS A1A2C41.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7C41		SAME AS A7C32.	
A7C42		SAME AS A3C33.	
A7C43		SAME AS A1A2C41.	
A7C44		SAME AS A3C33.	
A7C45		SAME AS A1A2C41.	
A7C46		SAME AS A6C32.	
A7C47		SAME AS A3C33.	
A7C48		SAME AS A1A2C41.	
A7C49		SAME AS A3C33.	
A7C50		SAME AS A1A2C41.	
A7C51		SAME AS A1A2C41.	
A7C52		SAME AS A1A2C41.	
A7C53		CAPACITOR, FIXED, MICA: 2200 uuf, + 5% tol, 500 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM111F22J5S.	
A7C54		SAME AS A1A2C41.	
A7C55		SAME AS A1A2C1.	
A7C56		SAME AS A6C2.	
A7C57		SAME AS A1A2C41.	
A7C58		SAME AS A3C33.	
A7C59			
thru			
A7C69		SAME AS A1A2C41.	
A7C70		SAME AS A1A2C1.	
A7C71		SAME AS A1A2C41.	
A7C72		SAME AS A1A2C41.	
A7C73		SAME AS A1A2C41.	
A7C74		SAME AS A1A2C1.	
A7C75		SAME AS A1A2C41.	
A7C76		SAME AS A1A2C1.	
A7C77		SAME AS A1A2C41.	
A7C78		SAME AS A1A2C41.	
A7C79		SAME AS A6C2.	
A7C80		SAME AS A6C2.	
A7C81		SAME AS A1A2C1.	
A7C82			
thru			
A7C86		SAME AS A1A2C41.	
A7C87		SAME AS A1A2C1.	
A7C88		SAME AS A1A2C41.	
A7C89		SAME AS A1A2C41.	
A7C90		SAME AS A6C2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7C91		SAME AS A1A2C41.	
A7C92		SAME AS A1A1C1.	
A7C93		SAME AS A1A1C1.	
A7CR1		SAME AS A1A1CR1.	
A7CR2		SAME AS A1A1CR1.	
A7CR3		SEMICONDUCTOR DEVICE: MIL type 1N277.	
A7CR4		SAME AS A7CR3.	
A7CR5		SAME AS A1A1CR1.	
A7CR6		NOT USED.	
A7CR7		SAME AS A1A1CR1.	
A7CR8		NOT USED.	
A7CR9		NOT USED.	
A7CR10		SAME AS A1A1CR1.	
A7FL1		FILTER, BANDPASS: 0.250 Mhz nom center frequency type; symmetrical, bal input, single ended output. Hermetically sealed steel case, 3.500 in. lg by 0.670 in. hg by 1.100 in. wd. 82679 P/N FX271-0.250.	
A7L1		COIL, RF, FIXED: 10,000 uh, Q=39 at 0.25 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-103.	
A7L2		SAME AS A7L1.	
A7L3		SAME AS A1A3L1.	
A7L4		SAME AS A7L1.	
A7L5 thru A7L8		COIL, RF, FIXED: 2,200 uh, Q=50 at 0.25 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-222.	
A7L9 thru A7L14		SAME AS A7L1.	
A7L15		SAME AS A6L16.	
A7Q1		SAME AS A3Q12.	
A7Q2		SAME AS A3Q12.	
A7Q3		SAME AS A3Q1.	
A7Q4		SAME AS A1A1Q7.	
A7Q5		SAME AS A3Q1.	
A7Q6		NOT USED.	
A7Q7		NOT USED.	
A7Q8		SAME AS A3Q1.	
A7Q9		SAME AS A1A1Q7.	
A7Q10		SAME AS A2Q4.	
A7Q11		SAME AS A2Q4.	
A7Q12 thru A7Q16		SAME AS A3Q1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7Q17		SAME AS A2Q4.	
A7Q18		SAME AS A3Q1.	
A7Q19		SAME AS A2Q4.	
A7Q20		SAME AS A2Q4.	
A7Q21		WQM# QW Q2Q4.	
A7Q22		SAME AS A1A2Q3.	
A7Q23		SAME AS A2Q4.	
A7Q24		SAME AS A2Q4.	
A7Q25			
thru			
A7Q30		SAME AS A2Q4.	
A7Q31		SAME AS A2Q4.	
A7Q32		SAME AS A1A1Q7.	
A7Q33		SAME AS A1A1Q7.	
A7Q34		SAME AS A1A1Q7.	
A7Q35		SAME AS A2Q4.	
A7Q36			
thru			
A7Q41		SAME AS A1A2Q3.	
A7R1		SAME AS A1A1R13.	
A7R2		SAME AS A1A1R13.	
A7R3		SAME AS A1A1R6.	
A7R4		SAME AS A2R26.	
A7R5		SAME AS A1A1R6.	
A7R6		SAME AS A1A1R11.	
A7R7		SAME AS A1A1R20.	
A7R8		SAME AS A1A1R3.	
A7R9		RESISTOR: MIL type RC07GF224J.	
A7R10		SAME AS A1A1R20.	
A7R11		NOT USED.	
A7R12		SAME AS A1A1R17.	
A7R13		SAME AS A1A1R13.	
A7R14		SAME AS A1A1R3.	
A7R15		SAME AS A1A1R20.	
A7R16		SAME AS A1A1R3.	
A7R17		SAME AS A1A1R3.	
A7R18		SAME AS A3R77.	
A7R19		SAME AS A1A1R6.	
A7R20		SAME AS A1A1R13.	
A7R21		SAME AS A3R64.	
A7R22		SAME AS A1A1R20.	
A7R23		SAME AS A1A1R3.	
A7R24		SAME AS A1A1R3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7R25		SAME AS A1A1R20.	
A7R26		SAME AS A1A1R6.	
A7R27		RESISTOR: MIL type RC07GF562J.	
A7R28		SAME AS A3R64.	
A7R29		SAME AS A1A1R3.	
A7R30		SAME AS A1A1R17.	
A7R31		SAME AS A1A1R20.	
A7R32		SAME AS A1A2R38.	
A7R33		SAME AS A2R8.	
A7R34		SAME AS A1A1R3.	
A7R35		SAME AS A1A1R4.	
A7R36		SAME AS A1A1R13.	
A7R37		SAME AS A1A1R13.	
A7R38		SAME AS A1A1R11.	
A7R39		SAME AS A1A1R3.	
A7R40		SAME AS A2R8.	
A7R41		RESISTOR: MIL type RC07GF330J.	
A7R42		SAME AS A1A1R20.	
A7R43		SAME AS A1A1R17.	
A7R44		SAME AS A1A1R3.	
A7R45		SAME AS A1A1R21.	
A7R46		SAME AS A7R9.	
A7R47		SAME AS A1A1R20.	
A7R48		SAME AS A1A1R13.	
A7R49		SAME AS A1A1R21.	
A7R50		SAME AS A1A1R13.	
A7R51		SAME AS A1A2R7.	
A7R52		SAME AS A1A1R4.	
A7R53		SAME AS A1A1R3.	
A7R54		SAME AS A1A2R7.	
A7R55		SAME AS A1A1R4.	
A7R56		SAME AS A1A1R21.	
A7R57		SAME AS A1A2R13.	
A7R58		SAME AS A1A2R7.	
A7R59		SAME AS A1A1R4.	
A7R60		SAME AS A1A1R21.	
A7R61		SAME AS A1A1R13.	
A7R62		SAME AS A1A2R7.	
A7R63		SAME AS A1A1R4.	
A7R64		SAME AS A3R64.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7R65		SAME AS A3R64.	
A7R66		SAME AS A1A1R20.	
A7R67		SAME AS A1A1R4.	
A7R68		SAME AS A7R9.	
A7R69		SAME AS A1A1R22.	
A7R70		SAME AS A1A1R13.	
A7R71		SAME AS A7R9.	
A7R72		SAME AS A5R26.	
A7R73		SAME AS A1A1R4.	
A7R74		SAME AS A5R64.	
A7R75		SAME AS A1A1R13.	
A7R76		SAME AS A1A1R3.	
A7R77		SAME AS A1A1R21.	
A7R78		SAME AS A3R7.	
A7R79		SAME AS A2R6.	
A7R80		SAME AS A1A1R22.	
A7R81		SAME AS A3R7.	
A7R82		SAME AS A1A1R21.	
A7R83		SAME AS A3R5.	
A7R84		SAME AS A3R7.	
A7R85		SAME AS A1A1R20.	
A7R86		SAME AS A1A1R21.	
A7R87		RESISTOR: MIL type RC07GF105J.	
A7R88		SAME AS A1A1R13.	
A7R89		SAME AS A1A1R13.	
A7R90		SAME AS A1A1R20.	
A7R91		NOT USED.	
A7R92		SAME AS A1A1R4.	
A7R93		SAME AS A1A1R20.	
A7R94		SAME AS A1A1R20.	
A7R95		SAME AS A1A1R20.	
A7R96		SAME AS A7R41.	
A7R97		SAME AS A7R41.	
A7R98		RESISTOR: MIL type RC07GF183J.	
A7R99		NOT USED.	
A7R100		SAME AS A1A1R4.	
A7R101		SAME AS A5R26.	
A7R102		RESISTOR: MIL type RC07GF392J.	
A7R103		SAME AS A1A1R9.	
A7R104		SAME AS A1A1R20.	
A7R105		SAME AS A1A1R22.	
A7R106		SAME AS A2R8.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7R107		SAME AS A2R8.	
A7R108		SAME AS A3R7.	
A7R109		SAME AS A3R7.	
A7R110		SAME AS A1A1R22.	
A7R111		SAME AS A1A2R7.	
A7R112		SAME AS A1A1R20.	
A7R113		SAME AS A3R7.	
A7R114		SAME AS A3R7.	
A7R115		SAME AS A1A1R20.	
A7R116		SAME AS A1A1R22.	
A7R117		SAME AS A1A2R7.	
A7R118		SAME AS A1A1R3.	
A7R119		SAME AS A3R7.	
A7R120		SAME AS A3R7.	
A7R121		SAME AS A1A1R20.	
A7R122		SAME AS A1A1R22.	
A7R123		SAME AS A1A1R3.	
A7R124		RESISTOR: MIL type RC20GF220J.	
A7R125		SAME AS A1A1R17.	
A7R126		SAME AS A3R5.	
A7R127		NOT USED.	
A7R128		SAME AS A3R5.	
A7R129		SAME AS A1A1R13.	
A7R130		SAME AS A2R26.	
A7R131		SAME AS A3R44.	
A7R132		SAME AS A1A1R3.	
A7R133		SAME AS A3R77.	
A7R134		SAME AS A3R7.	
A7R135		SAME AS A1A1R9.	
A7R136		SAME AS A1A1R13.	
A7R137		SAME AS A1A1R3.	
A7R138		SAME AS A3R77.	
A7R139			
thru			
A7R142		SAME AS A1A1R10.	
A7R143		SAME AS A3R64.	
A7R144		SAME AS A3R64.	
A7R145		SAME AS A3R64.	
A7R146		SAME AS A3R65.	
A7R147		SAME AS A1A1R10.	
A7R148		SAME AS A1A1R20.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7R149		SAME AS A1A1R17.	
A7R150		NOT USED.	
A7R151		RESISTOR: MIL type RC07GF821J.	
A7T1		TRANSFORMER, PULSE: 0.5 uh, $\pm 20\%$ tol, wire leads. 0.650 in. lg by 0.425 in. wd by 0.350 in. hg. Dwg TF374-3, 90095 P/N 11KGB.	
A7T2		TRANSFORMER PULSE: 750 uh $\pm 20\%$ tol, wire leads. 0.650 in. lg by 0.425 in. wd by 0.350 in. hg. Dwg TF374-1, 90095 P/N 21LHA.	
A7T3		SAME AS A7T2.	
A7T4		SAME AS A7T2.	
A7VR1		SEMICONDUCTOR DEVICE: MIL type 1N4370A.	
A7VR2		SAME AS A5VR1.	
A7VR3		SAME AS A3VR1.	
A8		CIRCUIT CARD ASSEMBLY: 53 resistors, 76 capacitors, 20 coils, 4 integrated circuits, 19 transistors, 15 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4671.	
A8C1		SAME AS A1A1C17.	
A8C2		SAME AS A1A1C17.	
A8C3		SAME AS A1A1C17.	
A8C4		CAPACITOR, FIXED, MICA: 5 uuf, $\pm 1/2\%$ tol, 500 wvdc 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111C05005S.	
A8C5		SAME AS A6C24.	
A8C6		SAME AS A1A1C17.	
A8C7		SAME AS A1A1C17.	
A8C8		SAME AS A1A1C17.	
A8C9		CAPACITOR, FIXED, MICA: 100 pf, $\pm 5\%$ tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111C101J5S.	
A8C10		SAME AS A809.	
A8C11		SAME AS A1A1C17.	
A8C12		SAME AS A6C24.	
A8C13		SAME AS A1A1C17.	
A8C14		SAME AS A1A1C17.	
A8C15		SAME AS A3C33.	
A8C16		SAME AS A1A1C17.	
A8C17			
thru			
A8C20		SAME AS A3C33.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8C21		SAME AS A1A1C17.	
A8C22		SAME AS A1A1C17.	
A8C23		SAME AS A1A1C17.	
A8C24			
thru			
A8C33		SAME AS A3C33.	
A8C34		SAME AS A6C24.	
A8C35		CAPACITOR, FIXED, MICA: 33 uuf, \pm 2% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E330G5S.	
A8C36		SAME AS A8C9.	
A8C37		SAME AS A1A1C17.	
A8C38		CAPACITOR, FIXED, MICA: 47 pf, \pm 2% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F470G5S.	
A8C39		SAME AS A3C33.	
A8C40		SAME AS A8C35.	
A8C41		SAME AS A6C24.	
A8C42		SAME AS A3C33.	
A8C43		SAME AS A3C33.	
A8C44		SAME AS A6C24.	
A8C45		SAME AS A6C24.	
A8C46		SAME AS A8C35.	
A8C47		SAME AS A6C24.	
A8C48		SAME AS A3C33.	
A8C49		SAME AS A3C33.	
A8C50		SAME AS A6C24.	
A8C51		SAME AS A6C24.	
A8C52		SAME AS A6C19.	
A8C53		CAPACITOR, FIXED, MICA: 18 uuf, \pm 5% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111C180J5S.	
A8C54		SAME AS A3C33.	
A8C55		SAME AS A3C33.	
A8C56		CAPACITOR, FIXED, MICA: 68 uuf, \pm 1% tol, 500 wvdc. 0.400 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E680F5S.	
A8C57		SAME AS A6C23.	
A8C58		SAME AS A3C32.	
A8C59			
thru			
A8C62		SAME AS A3C33.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8C63		SAME AS A6C24.	
A8C64			
thru			
A8C70		SAME AS A3C33.	
A8C71		SAME AS A6C24.	
A8C72		SAME AS A3C33.	
A8C73		SAME AS A6C24.	
A8C74		SAME AS A3C33.	
A8C75		SAME AS A8C53.	
A8C76		SAME AS A3C33.	
A8CR1		SAME AS A1A1CR1.	
A8CR2		SAME AS A1A1CR1.	
A8CR3		SAME AS A5VR1.	
A8CR4			
thru			
A8CR14		SAME AS A1A1CR1.	
A8L1		SAME AS A1A2L1.	
A8L2		SAME AS A6L10.	
A8L3		SAME AS A1A2L1.	
A8L4		SAME AS A1A2L1.	
A8L5		SAME AS A1A1L1.	
A8L6		SAME AS A6L11.	
A8L7		NOT USED.	
A8L8		NOT USED.	
A8L9		NOT USED.	
A8L10		NOT USED.	
A8L11		COIL, RF, FIXED: 0.68 uh, Q=42 at 25 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-OR68.	
A8L12		SAME AS A6L6.	
A8L13		SAME AS A6L6.	
A8L14		SAME AS A1A1L1.	
A8L15		SAME AS A1A1L1.	
A8L16		SAME AS A6L11.	
A8L17		SAME AS A6L11.	
A8L18		SAME AS A1A2L1.	
A8L19			
thru			
A8L24		NOT USED.	
A8L25		SAME AS A6L10.	
A8Q1		SAME AS A1A1Q1.	
A8Q2		SAME AS A1A1Q1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8Q3		SAME AS A1A1Q1.	
A8Q4			
thru			
A8Q7		SAME AS A1A2Q3.	
A8Q8		SAME AS A1A1Q1.	
A8Q9		SAME AS A1A1Q1.	
A8Q10		SAME AS A1A1Q1.	
A8Q11		SAME AS A1A1Q7.	
A8Q12		SAME AS A1A1Q1.	
A8Q13		SAME AS A1A1Q1.	
A8Q14		SAME AS A1A1Q1.	
A8Q15		SAME AS A1A1Q7.	
A8Q16		SAME AS A1A1Q7.	
A8Q17		SAME AS A1A1Q7.	
A8Q18		NOT USED.	
A8Q19		SAME AS A1A1Q7.	
A8Q20		SAME AS A1A1Q7.	
A8R1		SAME AS A1A1R13.	
A8R2		SAME AS A1A1R22.	
A8R3		SAME AS A1A1R9.	
A8R4		SAME AS A2R4.	
A8R5		SAME AS A1A1R11.	
A8R6		SAME AS A1A1R11.	
A8R7		SAME AS A1A1R20.	
A8R8		NOT USED.	
A8R9		NOT USED.	
A8R10		SAME AS A1A1R9.	
A8R11		RESISTOR: MIL type RC32GF3R3J.	
A8R12		SAME AS A1A1R17.	
A8R13		SAME AS A1A1R21.	
A8R14		SAME AS A1A1R17.	
A8R15		SAME AS A3R64.	
A8R16		SAME AS A1A1R17.	
A8R17		SAME AS A3R64.	
A8R18		SAME AS A1A1R21.	
A8R19		SAME AS A3R64.	
A8R20		SAME AS A1A1R21.	
A8R21		NOT USED.	
A8R22		SAME AS A1A1R20.	
A8R23		NOT USED.	
A8R24		SAME AS A1A1R20.	
A8R25		SAME AS A1A1R6.	
A8R26		SAME AS A1A1R13.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8R27		SAME AS A1A1R21.	
A8R28		NOT USED.	
A8R29		SAME AS A1A1R4.	
A8R30		SAME AS A1A1R5.	
A8R31		SAME AS A1A1R20.	
A8R32		SAME AS A1A1R13.	
A8R33		SAME AS A1A1R13.	
A8R34		SAME AS A1A1R21.	
A8R35		NOT USED.	
A8R36		SAME AS A1A1R4.	
A8R37		SAME AS A1A1R5.	
A8R38		SAME AS A1A1R5.	
A8R39		SAME AS A1A1R13.	
A8R40		SAME AS A1A1R6.	
A8R41		SAME AS A1A1R21.	
A8R42		NOT USED.	
A8R43		SAME AS A1A1R4.	
A8R44		SAME AS A1A1R5.	
A8R45		SAME AS A1A1R5.	
A8R46		SAME AS A1A1R13.	
A8R47		SAME AS A1A1R6.	
A8R48		SAME AS A1A1R11.	
A8R49		SAME AS A1A1R13.	
A8R50		SAME AS A1A1R20.	
A8R51		SAME AS A1A1R4.	
A8R52		SAME AS A1A1R4.	
A8R53		SAME AS A1A1R6.	
A8R54			
thru			
A8R57		SAME AS A1A1R6.	
A8R58		SAME AS A1A1R5.	
A8R59		SAME AS A1A1R20.	
A8R60		SAME AS A1A1R20.	
A8VR1		NOT USED.	
A8VR2		NOT USED.	
A8VR3		SAME AS A5VR1.	
A8Z1		SAME AS A1A1Z1.	
A8Z2		SAME AS A1A1Z3.	
A8Z3		SAME AS A1A2Z9.	
A8Z4		SAME AS A1A2Z9.	
A9		CIRCUIT CARD ASSEMBLY: 96 resistors, 71 capacitors, 9 coils, 4 transformers, 4 filters, 24 transistors, 8 semiconductors, plug-in item. 10.031 in. lg by 5.969 in. wd by 1.000 in. hg. 82679 P/N A4672.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9C1		CAPACITOR, FIXED, MICA: 22 pf, $\pm 5\%$ tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111C220J5S.	
A9C2 thru A9C10 A9C11 A9C12		SAME AS A1A2C41. SAME AS A1A1C1.	
A9C13		CAPACITOR, FIXED, MICA: 620 uuf, $\pm 2\%$ tol, 300 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM111F621G3S.	
A9C13		CAPACITORS, FIXED, MICA: 56 uuf, $\pm 2\%$ tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E560G5S.	
A9C14		SAME AS A1A2C41.	
A9C15		SAME AS A9C12.	
A9C16		SAME AS A1A1C1.	
A9C17			
thru			
A9C26		SAME AS A1A2C41.	
A9C27		SAME AS A1A1C1.	
A9C28		CAPACITOR, FIXED, MICA: 1,000 uuf, $\pm 1\%$ tol, 100 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM111F102F1S.	
A9C29		CAPACITOR, FIXED, MICA: 33 uuf, $\pm 2\%$ tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E330G5S.	
A9C30		SAME AS A1A2C41.	
A9C31		SAME AS A9C28.	
A9C32		SAME AS A1A1C1.	
A9C33		SAME AS A1A2C41.	
A9C34		SAME AS A1A2C41.	
A9C35		SAME AS A1A2C41.	
A9C36			
thru			
A9C42		SAME AS A1A1C1.	
A9C43		SAME AS A1A2C41.	
A9C44		SAME AS A1A2C41.	
A9C45		SAME AS A1A1C1.	
A9C46		CAPACITOR, FIXED, MICA: 330 pf, $\pm 2\%$ tol, 100 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F331G1S.	
A9C47		SAME AS A6C24.	
A9C48		SAME AS A1A2C41.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9C49 A9C50 thru A9C60 A9C61 A9C62 A9C63 A9C64		SAME AS A9C46. SAME AS A1A1C1. SAME AS A1A2C41. SAME AS A1A1C1. SAME AS A1A2C39. CAPACITOR, FIXED, MICA: 15 uuf, \pm 5% tol, 500 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E150J5S.	
A9C65 A9C66 A9C67 thru		SAME AS A1A2C41. SAME AS A1A2C39.	
A9C70 A9C71 A9CR1 thru		SAME AS A1A1C1. SAME AS A9C1.	
A9CR8 A9FL1		SAME AS A1A1CR1. FILTER, BANDPASS: 0.625 Mhz nom center frequency type; symmetrical, bal input, single ended output. Hermetically sealed steel case, 3.500 in. lg by 0.670 in. hg by 1.100 in. wd. 82679 P/N FX271-0.625.	
A9FL2		FILTER, BANDPASS: 1.250 Mhz nom center frequency type; symmetrical, bal input, single ended output. Hermetically sealed steel case, 3.500 in. lg by 0.670 in. hg by 1.100 in. wd. 82679 P/N FX271-1.250.	
A9FL3		FILTER, BANDPASS: 2.500 Mhz nom center frequency type; symmetrical, bal input, single ended output. Hermetically sealed steel case, 3.500 in. lg by 0.670 in. hg by 1.100 in. wd. 82679 P/N FX271-2.500.	
A9FL4		FILTER, BANDPASS: 5.000 Mhz nom center frequency type; symmetrical, bal input, single ended output. Hermetically sealed steel case, 2.300 in. lg by 0.670 in. hg by 1.000 in. wd. 82679 P/N FX271-5.000.	
A9L1		COIL, RF, FIXED: 100 uh, \pm 10% tol, 3.12 ohms max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-101.	
A9L2		SAME AS A9L1.	
A9L3		SAME AS A9L1.	
A9L4		COIL, RF, FIXED: 15 uh, Q=65 at 2.5 Mhz. 0.400 in. dia by 0.500 in. lg. Dwg CL430-3, 72259P/N VIV-15.0.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9L10 A9L11		SAME AS A9L1. COIL, RF, FIXED: 47 uh, + 10% tol, 10 ohms max dc res. 0.157 in. dia. by 0.450 in. lg. 82679 P/N CL-275-470.	
A9Q1		SAME AS A1A1Q6.	
A9Q2		SAME AS A1A1Q7.	
A9Q3		SAME AS A3Q12.	
A9Q4		SAME AS A3Q12.	
A9Q5		SAME AS A3Q12.	
A9Q6		SAME AS A1A1Q7.	
A9Q7		SAME AS A1A1Q6.	
A9Q8		SAME AS A1A1Q7.	
A9Q9		SAME AS A3Q12.	
A9Q10		SAME AS A3Q12.	
A9Q11		SAME AS A3Q12.	
A9Q12		SAME AS A1A1Q7.	
A9Q13		SAME AS A1A1Q6.	
A9Q14		SAME AS A1A1Q7.	
A9Q15		SAME AS A3Q12.	
A9Q16		SAME AS A3Q12.	
A9Q17		SAME AS A3Q12.	
A9Q18		SAME AS A1A1Q7.	
A9Q19		SAME AS A1A1Q6.	
A9Q20		SAME AS A1A1Q7.	
A9Q21		SAME AS A3Q12.	
A9Q22		SAME AS A3Q12.	
A9Q23		SAME AS A3Q12.	
A9Q24		SAME AS A1A1Q7.	
A9R1		SAME AS A3R7.	
A9R2		SAME AS A1A1R3.	
A9R3		SAME AS A1A1R3.	
A9R4		SAME AS A1A1R20.	
A9R5		SAME AS A1A1R20.	
A9R6		SAME AS A1A1R10.	
A9R7		SAME AS A1A1R10.	
A9R8		SAME AS A1A1R6.	
A9R9		SAME AS A2R26.	
A9R10		SAME AS A1A1R6.	
A9R11		SAME AS A1A1R10.	
A9R12		SAME AS A1A1R10.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9R13		SAME AS A1A1R13.	
A9R14		SAME AS A3R4.	
A9R15		SAME AS A3R4.	
A9R16		SAME AS A1A1R6.	
A9R17		SAME AS A1A1R13.	
A9R18		SAME AS A2R27.	
A9R19		SAME AS A1A1R20.	
A9R20		SAME AS A1A1R6.	
A9R21		SAME AS A3R77.	
A9R22		SAME AS A1A1R3.	
A9R23		SAME AS A1A1R4.	
A9R24		RESISTOR, VARIABLE, WIRE WOUND: 2,000 ohms, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. P.C. type mounting pins. Dwg RV126-61P202, 80740 P/N 61P202.	
A9R25		RESISTOR, MIL type RC07GF823J.	
A9R26		SAME AS A1A1R3.	
A9R27		SAME AS A1A1R3.	
A9R28		SAME AS A1A1R11.	
A9R29		SAME AS A1A1R11.	
A9R30		SAME AS A1A1R10.	
A9R31		SAME AS A1A1R10.	
A9R32		SAME AS A1A1R6.	
A9R33		SAME AS A2R26.	
A9R34		SAME AS A1A1R6.	
A9R35		SAME AS A1A1R10.	
A9R36		SAME AS A1A1R10.	
A9R37		SAME AS A1A1R13.	
A9R38		SAME AS A3R4.	
A9R39		SAME AS A3R4.	
A9R40		SAME AS A1A1R6.	
A9R41		SAME AS A1A1R13.	
A9R42		SAME AS A1A1R20.	
A9R43		SAME AS A1A1R6.	
A9R44		SAME AS A3R77.	
A9R45		SAME AS A1A1R3.	
A9R46		SAME AS A1A1R4.	
A9R47		SAME AS A9R24.	
A9R48		SAME AS A9R25.	
A9R49		SAME AS A3R7.	
A9R50		SAME AS A1A1R3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9R51		SAME AS A1A1R3.	
A9R52		SAME AS A3R7.	
A9R53		SAME AS A1A1R11.	
A9R54		SAME AS A1A1R11.	
A9R55		SAME AS A1A1R10.	
A9R56		SAME AS A1A1R10.	
A9R57		SAME AS A1A1R6.	
A9R58		SAME AS A2R26.	
A9R59		SAME AS A1A1R6.	
A9R60		SAME AS A1A1R10.	
A9R61		NOT USED.	
A9R62		SAME AS A1A1R13.	
A9R63		SAME AS A3R4.	
A9R64		SAME AS A3R4.	
A9R65		SAME AS A7R41.	
A9R66		SAME AS A1A1R13.	
A9R67		SAME AS A1A1R20.	
A9R68		SAME AS A1A1R6.	
A9R69		SAME AS A3R77.	
A9R70		SAME AS A1A1R3.	
A9R71		SAME AS A1A1R4.	
A9R72		SAME AS A9R24.	
A9R73		SAME AS A9R25.	
A9R74		SAME AS A1A1R3.	
A9R75		SAME AS A1A1R3.	
A9R76		SAME AS A3R7.	
A9R77		SAME AS A1A1R11.	
A9R78		SAME AS A1A1R11.	
A9R79		SAME AS A1A1R10.	
A9R80		SAME AS A1A1R10.	
A9R81		SAME AS A1A1R6.	
A9R82		SAME AS A2R26.	
A9R83		SAME AS A1A1R6.	
A9R84		SAME AS A1A1R10.	
A9R85		SAME AS A1A1R10.	
A9R86		SAME AS A1A1R13.	
A9R87		SAME AS A3R4.	
A9R88		SAME AS A3R4.	
A9R89		SAME AS A1A1R6.	
A9R90		SAME AS A1A1R13.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9R91		SAME AS A1A1R20.	
A9R92		SAME AS A1A1R6.	
A9R93		SAME AS A3R77.	
A9R94		SAME AS A1A1R3.	
A9R95		SAME AS A1A1R4.	
A9R96		SAME AS A9R24.	
A9R97		SAME AS A9R25.	
A9T1		SAME AS A7T1.	
A9T2		SAME AS A7T1.	
A9T3		TRANSFORMER, PULSE: 0.12 uh, + 20% tol; wire leads. 0.650 in. lg by 0.425 in. wd by 0.350 in. hg. Dwg TF374-2, 90095 P/N 11GGA.	
A9T4		SAME AS A9T3.	
A10		TUNER, RADIO FREQUENCY: Factory repairable. Item 2-32 Mhz, with motor driven tuning section and cir- cuit cards A4673, A4674, A4675, A4676; 16.500 in. lg by 6.500 in. wd by 6.500 in. hg. 82679 P/N AX5005.	
A10A1		OSCILLATOR ASSEMBLY: non repairable item, factory replaceable. 82679 P/N A0128.	
A10A3A1		CIRCUIT CARD ASSEMBLY: Non-Repairable item, P/O AX5005; 5.062 in. lg by 2.375 in. wd by 0.750 in. hg. 82679 P/N A4673.	
A10A3A2		CIRCUIT CARD ASSEMBLY: Non-Repairable item, P/O AX5005; 5.062 in. lg by 2.375 in. wd by 0.750 in. hg. 82679 P/N A4674.	
A10A3A3		CIRCUIT CARD ASSEMBLY: Non-Repairable item, P/O AX5005; 5.062 in. lg by 2.375 in. wd by 0.750 in. hg. 82679 P/N A4675.	
A10A3A4		CIRCUIT CARD ASSEMBLY: Non-Repairable item, P/O AX5005; 5.062 in. lg by 2.375 in. wd by 0.750 in. hg. 82679 P/N A4676.	
A11		ATTENUATOR ASSEMBLY: non-repairable item; 3.526 in. lg by 2.000 in. wd by 1.125 in. hg. 82679 P/N AX5007.	
A11R1		RESISTOR: MIL type RC07GF390J.	
A11R2		SAME AS A11R1.	
A11R3		SAME AS A1A1R10.	
A11R4		NOT USED.	
A11R5		NOT USED.	
A11R6		NOT USED.	
A11R7 thru A11R8		SAME AS A1A1R4.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12		SWITCH, STEPPING: remote-controlled type, direct drive type, unidirectional drive, 4 sections, 12 positions, 26 wipers, 28 contacts, 10-15 amps, 28 vdc, bracket housed plug-in type; 4.000 in. lg by 2.250 in. hg. by 1.750 in. wd. 82679 P/N AX5008.	
A12A1		CIRCUIT CARD ASSEMBLY: 4 semiconductors, p/o AX5008; 3.500 in. lg by 1.625 in. wd by 0.500 in. hg. 82679 P/N A4595.	
A12A1CR1		ABSORBER, OVERVOLTAGE: oper voltage, 28 v nom, 33 v max. max reverse 10 vdc. 0.438 in. lg by 0.500 in. wd by 0.219 in. thk. 82679 P/N DD111-1.	
A12A1CR2		SAME AS A1A1CR1.	
A12A1CR3		SAME AS A1A1CR1.	
A12A1CR4		SAME AS A1A1CR1.	
A13		CIRCUIT CARD ASSEMBLY: 3 capacitors, 4 resistors, 1 relay, 1 semiconductor, 1 transistor. Plug-in item. 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4794.	
A13C1		CAPACITOR, FIXED, ELECTROLYTIC: 40 uf, -10% + 150% at 125 cps, 25° C, 15 wvdc. 0.312 in. dia by 0.750 in. lg. Dwg CE 105-40-15, 14655 P/N NLW 40-15.	
A13C2		CAPACITOR, FIXED, ELECTROLYTIC: 200 uf, -10% + 150% at 125 cps, 24°C, 15 wvdc. 0.312 in. dia by 0.750 in. lg. Dwg CE105-200-15, 14655 P/N NLW CE105-200-15.	
A13C3		SAME AS A13C2.	
A13CR1		SEMICONDUCTOR DEVICE: MIL type 1N4245.	
A13K1		RELAY, ARMATURE, DC: DPDT, 40 milliwatt sensitivity. Coil data; 6.0 miliamps, 2500 ohms. Operate time; 10 milliseconds. Hermetically sealed metal case 1.281 in. hg by 0.800 in. wd by 0.400 in. thk. Bracket mounted. 82679 P/N RL178-U6D4R0.	
A13Q1		TRANSISTOR: MII type 2N697.	
A13R1		RESISTOR: MIL type RC07GF104J.	
A13R2		RESISTOR: MIL type RC07GF102J.	
A13R3		SAME AS A13R2.	
A13R4		RESISTOR: MIL type RC07GF123J.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
2		MSAR-5, DEMULTIPLEXER, TD-969/FRR. A combined demultiplexer and ISB detector that converts a 250 Khz composite IF signal to four independent sideband audio channels (A1, A2, B1, B2) or a symmetrical channel, Demultiplexing of each independent sideband channel is accomplished with the aid of 250 kHz and 1 MHz injection frequencies.	

A1		CIRCUIT CARD ASSEMBLY: 36 resistors, 24 capacitors, 17 transistors, 16 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4627.	
A2		CIRCUIT CARD ASSEMBLY: 86 resistors, 25 capacitors, 5 integrated circuits, 16 transistors, 20 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4628.	
A3		CIRCUIT CARD ASSEMBLY: 80 resistors, 64 capacitors, 11 coils, 3 filters, 6 integrated circuits, 18 transistors, 4 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4629.	
A4		CIRCUIT CARD ASSEMBLY: 77 resistors, 48 capacitors, 6 coils, 2 transformers, 16 transistors, 11 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4630.	
A5		CIRCUIT CARD ASSEMBLY: 96 resistors, 64 capacitors, 6 coils, 2 filters, 21 transistors, 7 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4631.	
A6		CIRCUIT CARD ASSEMBLY: 51 resistors, 34 capacitors, 5 coils, 3 transformers, 15 transistors, 6 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4632.	
A7		CIRCUIT CARD ASSEMBLY: 87 resistors, 53 capacitors, 6 coils, 1 filter, 19 transistors, 7 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4633.	
A8		SAME AS A6.	
A9		CIRCUIT CARD ASSEMBLY: 87 resistors, 53 capacitors, 6 coils, 1 filter, 19 transistors, 7 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4635.	
A10		SAME AS A6.	
A11		CIRCUIT CARD ASSEMBLY: 87 resistors, 54 capacitors, 6 coils, 1 filter, 19 transistors, 7 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4637.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12		SAME AS A6.	
A13		CIRCUIT CARD ASSEMBLY: 87 resistors, 53 capacitors, 6 coils, 1 filter, 19 transistors, 7 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4638.	
A14		SWITCH STEPPING: remote controlled type, direct drive type, unidirectional drive, 5 sections, 12 positions, 10 wipers, 34 contacts, 10-15 amps, 28 vdc; bracket housed plug-in type; 4.000 in. lg by 2.250 in. hg, by 1.750 in. wd. 82679 P/N AX5002-2.	
A15		SWITCH, STEPPING: remote - controlled type, direct drive type, unidirectional drive, 2 sections, 12 positions, 10 wipers, 34 contacts, 10-15 amps, 28 vdc, bracket housed plug-in type; 4.000 in. lg by 2.250 in. hg by 1.750 in. wd. 82679 P/N AX5000.	
A16		SAME AS A15.	
A17		SAME AS A15.	
A18		SAME AS A15.	
DS1		LAMP, INCANDESCENT: single contact, T-1-3/4 base, 28 v ac or dc, 0.04 amps. Dwg BI110-7. 0.8806 P/N 327.	
F1		FUSE, CARTRIDGE TYPE: 0.5 amp, 125 v. 0.250 in. dia by 1.250 in. lg. Dwg FU102-5. 71400 P/N MDL-1/2.	
F2		SAME AS F1.	
FL1		FILTER, RADIO INTERFERENCE: 1 amp current rating, 600 vdc, 250 vac at 60 Hz. 1.000 in. dia by 2.688 in. lg. Dwg FI105-1. 80183 P/N 1JX130.	
FL2		SAME AS FL1.	
J1		NOT USED.	
J2		CONNECTOR: MIL type MS3102A14S1P.	
J3		CONNECTOR: MIL type UG625B/U.	
J4			
thru			
J10		SAME AS J3.	
J11		CONNECTOR, RECEPTACLE, ELECTRICAL: 9 sockets. contacts rated at 7.5 amps. 0.718 in. dia by 0.781 in. lg. Dwg JJ193-9S. 07497 P/N 126-221.	
J12			
thru			
J18		SAME AS J11.	
J19		CONNECTOR: MIL type MS3102A28-21P.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
J20 M1		CONNECTOR, RECEPTACLE, ELECTRICAL: MIL type JJ034. METER, SPECIAL SCALE: 500 microamp movement. Molded phenolic case 1.750 in. by 1.750 in. by 1.500 in. 82679 P/N MR204.	
MP1		KNOB, INSTRUMENT TYPE: molded plastic body with brass insert, 2 set screws and white filled indicators. 0.750 in. dia by 0.438 in. hg. 82679 P/N MP123-1FB.	
MP2		SAME AS MP1.	
MP3		SAME AS MP1.	
MP4		SAME AS MP1.	
MP5		KNOB, INSTRUMENT TYPE: molded plastic body with brass insert, 2 set screws and white filled indicator depression. 0.750 in. dia by 0.438 in. hg. 82679 P/N MP123-3FB.	
MP6 thru MP12 MP13		SAME AS MP5. KNOB, INSTRUMENT TYPE: molded plastic body with brass insert, two set screws and white filled indicator lines. 0.750 in. dia by 0.438 in. hg. 82679 P/N MP123-3DB.	
MP14 thru MP16 MP17		SAME AS MP13. KNOB, INSTRUMENT TYPE: molded plastic body with brass insert, 2 set screws and white filled indicator line. 0.750 in. dia by 0.438 in. hg. 82679 P/N MP123-3SB.	
Q1		TRANSISTOR: MIL type 2N3442.	
Q2		SAME AS Q1.	
R1		RESISTOR, VARIABLE, COMPOSITION: 5000 ohms, $\pm 10\%$ tol, linear taper "A"; w/switch; bushing mounted. 1.094 in. dia, by 0.781 in. behind panel; 0.625 in. shaft length. 82679 P/N RV4NAYSA502AYY.	
R2		SAME AS R1.	
R3		RESISTOR, VARIABLE, COMPOSITION: 5000 ohms, $\pm 10\%$ tol, "C" taper; w/switch; bushing mounted. 1.094 in. dia, by 0.781 in. behind panel; 0.625 in. shaft length. 82679 P/N RV4NATSC502CYY.	
R4 thru R6		SAME AS R1.	
R7		RESISTOR: MIL type RN60C6810.	
R8		RESISTOR: MIL type RN60C815.	
R9		RESISTOR: MIL type RN60C1000.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
S1		NOT USED.	
S2		SWITCH, ROTARY: 2 sections, 6 positions, 30° angle of throw, 2 poles. Non shorting contacts, Bakelite insulation. 0.250 in. dia shaft 0.750 in. lg from mtg. surface. 3/8-32 and bushing mtd. 82679 P/N SW452.	
S3 thru			
S6		NOT USED.	
S7		SWITCH: MIL type ST22K.	
S8		SWITCH, ROTARY: Single section, 3 positions, 30° angle of throw, 1 pole. Non shorting contacts. Bakelite insulation. 0.250 in. dia shaft 0.750 in. lg from mounting surface. 3/8-32 thd bushing mounted. 82679 P/N SW449.	
S9		SWITCH, ROTARY: 1 section, 5 positions, 30° angle of throw, 2 poles. Non shorting contacts, Bakelite insulation. 0.250 in. dia shaft 0.750 in. lg from mtg. surface. 3/8-32 thd bushing mtd. 82679 P/N SW454.	
S10		SWITCH, ROTARY: 1 section, 5 positions, 30° angle of throw, 1 pole. Non shorting contacts, Bakelite insulation. 0.250 in. dia shaft 0.750 in. lg from mtg. surface. 3/8-32 thd bushing mtd. 82679 P/N SW455.	
S11		SAME AS S10.	
S12		SAME AS S10.	
T1		TRANSFORMER, STEP DOWN: Primary, 115/230 v, 50/60 Hz, 1 phase. Secondary, 33.0 v, 22.8 v, 14.5 v, 28.2 v. Potted frame, solder type terminals. 3.562 in. lg by 3.000 in. wd by 2.625 in. hg. 82679 P/N TF363.	
XA1		CONNECTOR, RECEPTACLE, ELECTRICAL: 15 double sided female contacts rated at 5 amps and 1800 volts RMS. Phenolic housing with floating bushing and eyelet terminals. Accepts printed circuit board thickness of 0.054 to 0.071 in. 82679 P/N JJ319A15DPE.	
XA2 thru			
XA13		SAME AS XA1.	
XA14		CONNECTOR, RECEPTACLE, ELECTRICAL: 30 phosphor bronze gold plated contacts, solder lug terminals, phenolic body. 2.045 in. lg by 0.410 in. wd by 0.530 in. hg. 82679 P/N JJ340.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
XA15 XA16		SAME AS XA14. CONNECTOR, RECEPTACLE, ELECTRICAL: 30 gold plated phosper bronze contacts. 2.370 in. lg by 0.410 in. wd by 0.530 in. hg. Hole mounted. 82679 P/N JJ336.	
XA17 XA18 XDS1		SAME AS XA16. SAME AS XA16. LIGHT INDICATOR: translucent white lens, 1.350 to 28 v, T-1 3/4 lamp base, 2 terminals. 0.437 in. dia by 1.500 in. lg. Dwg TS153-5. 72619 P/N 162-8430-0975- 502.	
XF1		FUSEHOLDER, LAMP INDICATING: 90-250 v, 15 amps, neon lamp, clear knob, accomodates 1/2 in. dia X 1 1/4 in. lg fuse. Dwg FH104-3. 71400 P/N HKL-X.	
XF2		SAME AS XF1.	
A1		CIRCUIT CARD ASSEMBLY: 36 resistors, 24 capacitors, 17 transistors, 16 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4627.	
A1C1		CAPACITOR, FIXED, ELECTROLYTIC: 150 uf, 75 wvdc, 0.625 in. dia by 1.625 in. lg. Dwg CE119-250-75. 80183 P/N 39D157G075FJ4.	
A1C2		CAPACITOR, FIXED, ELECTROLYTIC: 200 uf, - 10% + 150% at 125 Hz, 25°C, 15 wvdc, 0.437 in. dia by 1.625 in. lg. Dwg CE105-200-15. 14655 P/N NLW200-15.	
A1C3		CAPACITOR, FIXED, CERAMIC: 1000,000 uuf, +80% -20% 100 wvdc, 0.690 in. dia by 0.156 in. thk, 0.375 in. lead spacing. 82679 P/N CC100-28.	
A1C4		CAPACITOR, FIXED, ELECTROLYTIC: 10 uf, -10% + 150% at 125 Hz, 25°C, 25 wvdc, 0.312 in. dia by 0.750 in. lg. Dwg CE105-10-25. 14655 P/N NLW10-25.	
A1C5 A1C6 A1C7		SAME AS A1C3. CAPACITOR: MIL type CS13BE476K. CAPACITOR, FIXED, ELECTROLYTIC: 350 uf, 75 wvdc, 0.750 in. dia by 2.125 in. lg. Dwg CE119-350-75. 80183 P/N 39D157G075FJ4.	
A1C8		SAME AS A1C2.	
A1C9		SAME AS A1C3.	
A1C10		SAME AS A1C4.	
A1C11		SAME AS A1C3.	
A1C12		CAPACITOR: MIL type CS13BE476K.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1C13		CAPACITOR, FIXED, ELECTROLYTIC: 150 uf, 30 wvdc, 0.500 in. dia by 1.625 in. lg. Dwg CE119-150-30. 80183 P/N 39D157G030EJ4.	
A1C14		SAME AS A1C2.	
A1C15		SAME AS A1C3.	
A1C16		SAME AS A1C4.	
A1C17		SAME AS A1C3.	
A1C18		CAPACITOR: MIL type CS13BC227K.	
A1C19		CAPACITOR, FIXED, ELECTROLYTIC: 500 uf, 50 wvdc, 0.875 in. dia by 2.125 in. lg. Dwg CE119-500-50. 80183 P/N 39D507C050HL4.	
A1C20		SAME AS A1C2.	
A1C21		SAME AS A1C3.	
A1C22		SAME AS A1C4.	
A1C23		SAME AS A1C3.	
A1C24		SAME AS A1C12.	
A1CR1		RECTIFIER, SEMICONDUCTOR DEVICE: 140 v input, DC output, 124 v resistive load, 200 v capacitive load. Wire leads. Corrosion resistant plastic case. 0.900 in. lg by 0.670 in. hg by 0.260 in. wd. 82679 P/N DD144-6.	
A1CR2		SEMICONDUCTOR DEVICE: MIL type 1N4370.	
A1CR3		SEMICONDUCTOR DEVICE: MIL type 1N754A.	
A1CR4		SAME AS A1CR1.	
A1CR5		SAME AS A1CR2.	
A1CR6		SAME AS A1CR3.	
A1CR7		SAME AS A1CR1.	
A1CR8		SAME AS A1CR2.	
A1CR9		SAME AS A1CR2.	
A1CR10		SAME AS A1CR1.	
A1CR11		SAME AS A1CR2.	
A1CR12		SAME AS A1CR3.	
A1CR13		SEMICONDUCTOR DEVICE: MIL type 1N914.	
A1CR14			
thru			
A1CR16		SAME AS A1CR13.	
A1Q1		TRANSISTOR: MIL type 2N4036.	
A1Q2		TRANSISTOR: MIL type 2N2631.	
A1Q3		TRANSISTOR: MIL type 2N706.	
A1Q4		TRANSISTOR: MIL type 2N1711.	
A1Q5		SAME AS A1Q1.	
A1Q6		SAME AS A1Q2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1Q7		SAME AS A1Q3.	
A1Q8		SAME AS A1Q4.	
A1Q9		TRANSISTOR: MIL type 2N1132.	
A1Q10		SAME AS A1Q4.	
A1Q11		SAME AS A1Q2.	
A1Q12		SAME AS A1Q3.	
A1Q13		SAME AS A1Q3.	
A1Q14		SAME AS A1Q2.	
A1Q15		SAME AS A1Q1.	
A1Q16		SAME AS A1Q9.	
A1Q17		SAME AS A1Q1.	
A1R1		RESISTOR: MIL type RC07GF682J.	
A1R2		RESISTOR: MIL type RC07GF331J.	
A1R3		RESISTOR: MIL type RC07GF151J.	
A1R4		RESISTOR, VARIABLE, WIRE WOUND: 100 ohms, \pm 20% tol, 0.250 in. dia, by 0.250 in. hg. PC type mounting pins. Dwg RV126-61P101. 80740 P/N 61P101.	
A1R5		RESISTOR: MIL type RW69V1R2J.	
A1R6		RESISTOR: MIL type RC07GF152J.	
A1R7		RESISTOR: MIL type RC07GF472J.	
A1R8		RESISTOR, VARIABLE, WIRE WOUND: 1000 ohms, \pm 20% tol. 0.250 in. dia, by 0.250 in. hg. PC type moun- ting pins	
A1R12		RESISTOR: MIL type RC07GF681J.	
A1R13		SAME AS A1R3.	
A1R14		SAME AS A1R4.	
A1R15		RESISTOR: MIL type RC20GF681J.	
A1R16		SAME AS A1R6.	
A1R17		RESISTOR: MIL type RC07GF682J.	
A1R18		SAME AS A1R8.	
A1R19		SAME AS A1R16.	
A1R20		RESISTOR: MIL type RC07GF222J.	
A1R21		SAME AS A1R11.	
A1R22		SAME AS A1R3.	
A1R23		SAME AS A1R4.	
A1R24		RESISTOR: MIL type RC07GF100J.	
A1R25		RESISTOR: MIL type RC07GF101J.	
A1R26		SAME AS A1R24.	
		SAME AS A1R4.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1R27 A1R28 A1R29 A1R30 A1R31 A1R32 A1R33 A1R34 A1R35		RESISTOR: MIL type RC07GF2R7J. SAME AS A1R7. RESISTOR: MIL type RC07GF221J. SAME AS A1R3. SAME AS A1R8. RESISTOR: MIL type RC07GF150J. SAME AS A1R10. RESISTOR: MIL type RC07GF153J. RESISTOR, VARIABLE, WIRE WOUND: 5000 ohms, \pm 20% tol. 0.250 in. dia, by 0.250 in. hg. PC type mount- ing pins. Dwg RV126-61P502. 80740 P/N 61P502.	
A1R36		SAME AS A1R16.	
A2		CIRCUIT CARD ASSEMBLY: 86 resistors, 28 capacitors, 5 integrated circuits, 16 transistors, 20 semicon- ductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4628.	
A2C1 A2C2 thru A2C4 A2C5 A2C6 A2C7		CAPACITOR: MIL type CS13BE106K. SAME AS A2C1. CAPACITOR: MIL type CS13BE225K. SAME AS A2C5. CAPACITOR, FIXED, CERAMIC: 10,000 uuf, \pm 20%, 100 wvdc, 0.344 in. dia by 0.125 in. thk, 0.250 in. lead spacing. 82679 P/N CC100-43.	
A2C8 A2C9 A2C10 A2C11		SAME AS A2C7. SAME AS A1C18. SAME AS A1C3. CAPACITOR, FIXED, MICA: 10 uuf, \pm 5% tol, 500 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E100J5S.	
A2C12		CAPACITOR, FIXED, MICA: 3 uuf, \pm 1/2% tol, 500 wvdc, 0.400 in. lg by 0.473 in. wd 0.170 in. thk. 82679 P/N CM111E03J5S.	
A2C13 A2C14 A2C15 A2C16 A2C17 A2C18		SAME AS A1C3. SAME AS A2C11. SAME AS A2C12. SAME AS A1C3. SAME AS A2C11. SAME AS A2C12.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2C19		SAME AS A1C3.	
A2C20		SAME AS A2C11.	
A2C21		SAME AS A2C12.	
A2C22		SAME AS A1C3.	
A2C23		CAPACITOR, FIXED, MICA: 100 uuf, +5% tol, 500 wvdc, 0.400 in. lg by 0.403 in. wd by 0.170 in. thk. 82679 P/N CM111F101J5S.	
A2C24		SAME AS A2C12.	
A2C25		SAME AS A1C3.	
A2CR1 thru A2CR5		SAME AS A1CR13.	
A2CR6		NOT USED.	
A2CR7		NOT USED.	
A2CR8		SAME AS A1CR13.	
A2CR9		SAME AS A1CR13.	
A2CR10		NOT USED.	
A2CR11		SAME AS A1CR13.	
A2CR12		SAME AS A1CR13.	
A2CR13		NOT USED.	
A2CR14		SAME AS A1CR13.	
A2CR15		SAME AS A1CR13.	
A2CR16		NOT USED.	
A2CR17		SAME AS A1CR13.	
A2CR18		SAME AS A1CR13.	
A2CR19		SEMICONDUCTOR DEVICE: MIL type 1N277.	
A2CR20		SAME AS A1CR13.	
A2CR21		SAME AS A1CR13.	
A2Q1		SAME AS A1Q3.	
A2Q2		SAME AS A1Q3.	
A2Q3		SAME AS A1Q3.	
A2Q4		SAME AS A1Q9.	
A2Q5		TRANSISTOR: MIL type 2N3766.	
A2Q6		TRANSISTOR: MIL type 2N3740.	
A2Q7 thru A2Q16		SAME AS A1Q3.	
A2R1		RESISTOR: MIL type RC07GF103J.	
A2R2		SAME AS A1R16.	
A2R3		SAME AS A1R10.	
A2R4		RESISTOR: MIL type RC07GF102J.	
A2R5		SAME AS A2R1.	
A2R6		SAME AS A1R34.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2R7		SAME AS A2R1.	
A2R8		SAME AS A1R19.	
A2R9		SAME AS A1R29.	
A2R10		SAME AS A1R6.	
A2R11		SAME AS A1R34.	
A2R12		SAME AS A1R7.	
A2R13		SAME AS A1R24.	
A2R14		SAME AS A2R1.	
A2R15		SAME AS A2R1.	
A2R16		RESISTOR, VARIABLE: 10K ohms, + 30% tol, 200 wvdc, 0.250 in. dia by 0.250 in. hg. 82679 P/N RV124-1- 103.	
A2R17		RESISTOR: MIL type RC07GF471J.	
A2R18		SAME AS A1R24.	
A2R19		RESISTOR: MIL type RC07GF104J.	
A2R20		RESISTOR, VARIABLE: 25 K ohms, + 30% tol, 200 wvdc, 0.250 in. dia by 0.250 in. hg. 82679 P/N RV124-1- 253.	
A2R21		SAME AS A2R1.	
A2R22		SAME AS A2R1.	
A2R23		RESISTOR: MIL type RC07GF105J.	
A2R24		SAME AS A2R1.	
A2R25		SAME AS A1R19.	
A2R26		SAME AS A1R24.	
A2R27		SAME AS A2R17.	
A2R28		SAME AS A2R1.	
A2R29		SAME AS A2R1.	
A2R30		SAME AS A2R16.	
A2R31		SAME AS A2R24.	
A2R32		SAME AS A2R19.	
A2R33		SAME AS A2R20.	
A2R34		SAME AS A2R1.	
A2R35		SAME AS A2R23.	
A2R36		SAME AS A2R1.	
A2R37		SAME AS A2R1.	
A2R38		SAME AS A1R19.	
A2R39		SAME AS A1R24.	
A2R40		SAME AS A2R17.	
A2R41		SAME AS A2R1.	
A2R42		SAME AS A2R1.	
A2R43		SAME AS A2R16.	
A2R44		SAME AS A1R24.	
A2R45		SAME AS A2R19.	
A2R46		SAME AS A2R20.	
A2R47		SAME AS A2R1.	
A2R48		SAME AS A2R1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2R49		SAME AS A2R23.	
A2R50		SAME AS A2R1.	
A2R51		SAME AS A2R19.	
A2R52		SAME AS A1R24.	
A2R53		SAME AS A2R17.	
A2R54		SAME AS A2R1.	
A2R55		SAME AS A2R1.	
A2R56		SAME AS A2R16.	
A2R57		SAME AS A1R24.	
A2R58		SAME AS A1R19.	
A2R59		SAME AS A2R20.	
A2R60		SAME AS A2R1.	
A2R61		SAME AS A2R1.	
A2R62		SAME AS A2R23.	
A2R63		SAME AS A2R1.	
A2R64		SAME AS A1R19.	
A2R65		SAME AS A1R20.	
A2R66		SAME AS A1R7.	
A2R67		SAME AS A1R7.	
A2R68		SAME AS A1R7.	
A2R69		SAME AS A1R7.	
A2R70		SAME AS A2R20.	
A2R71		RESISTOR: MIL type RC07GF223J.	
A2R72		RESISTOR: MIL type RC07GF224J.	
A2R73		SAME AS A1R7.	
A2R74		SAME AS A1R24.	
A2R75		SAME AS A2R20.	
A2R76		SAME AS A1R24.	
A2R77		RESISTOR: MIL type RC07GF474J.	
A2R78		SAME AS A1R6.	
A2R79		SAME AS A1R24.	
A2R80		SAME AS A2R1.	
A2R81		SAME AS A2R4.	
A2R82		SAME AS A1R6.	
A2R83		RESISTOR: MIL type RC20GF471J.	
A2R84		SAME AS A2R83.	
A2R85		RESISTOR: MIL type RC20GF471J.	
A2R86		SAME AS A2R85.	
A2VR1		SEMICONDUCTOR DEVICE: MIL type 1N759A.	
A2VR2 thru A2VR4		SAME AS A2VR1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2Z1		INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER: 8 pins, metal case. Supply Voltage +18 V. 0.375 in. dia by 0.187 in. hg. 82679 P/N NW156.	
A2Z2 thru A2Z5		SAME AS A2Z1.	
A3		CIRCUIT CARD ASSEMBLY: 80 resistors, 64 capacitors, 11 coils, 3 filters, 6 integrated circuits, 18 transistors, 5 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4629.	
A3C1		SAME AS A1C3.	
A3C2		CAPACITOR: MIL type CS13BF106K.	
A3C3		SAME AS A1C3.	
A3C4		CAPACITOR, FIXED, MICA: 100 uuf, +5% tol, 500 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E101J5S.	
A3C5		NOT USED.	
A3C6		SAME AS A1C3.	
A3C7		CAPACITOR, FIXED, CERAMIC: 10,000 uuf, GMV, 600 wvdc, 0.600 in. dia by 0.156 in. thk, 0.375 in. lead spacing. 82679 P/N CC100-16.	
A3C8		SAME AS A1C3.	
A3C9		SAME AS A2C1.	
A3C10		SAME AS A1C3.	
A3C11		CAPACITOR, VARIABLE, CERAMIC: 5.5-18 uuf, 200 wvdc, min Q=500 at 1 Mhz. 0.375 in. dia by 0.375 in. hg. 82679 P/N CV112-7.	
C12		CAPACITOR, FIXED, MICA: 180 uuf, +2% tol, 500 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F181G5S.	
A3C13		CAPACITOR, FIXED, MICA: 150 uuf, +1% tol, 500 wvdc. 0.400 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F121F5S.	
A3C14		CAPACITOR, FIXED, MICA: 10 uuf, +5% tol, 500 wvdc, 0.400 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111C100J5S.	
A3C15			
thru A3C18		SAME AS A3C7.	
A3C19		SAME AS A3C12.	
A3C20		SAME AS A3C7.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG No.
A3C21		SAME AS A3C7.	
A3C22		SAME AS A1C3.	
A3C23		SAME AS A2C1.	
A3C24		CAPACITOR, FIXED, MICA: 10,000 uuf, + 1% tol, 500 wvdc 0.790 in. lg by 0.570 in. wd by 0.340 in. thk. 82679 P/N CM112F103F1S.	
A3C25		SAME AS A3C24.	
A3C26		SAME AS A1C3.	
A3C27		SAME AS A3C7.	
A3C28		SAME AS A1C3.	
A3C29		SAME AS A3C7.	
A3C30		SAME AS A1C3.	
A3C31		SAME AS A3C7.	
A3C32		SAME AS A1C3.	
A3C33		SAME AS A3C7.	
A3C34		CAPACITOR, FIXED, MICA: 3300 uuf, +2% tol, 500 wvdc, 0.640 in. lg by 0.591 in wd by 0.198 in. thk. 82679 P/N CM112F332G5S.	
A3C35		SAME AS A3C7.	
A3C36		SAME AS A3C7.	
A3C37			
thru			
A3C40		SAME AS A1C3.	
A3C41		SAME AS A1C3.	
A3C42			
thru			
A3C45		SAME AS A1C3.	
A3C46		NOT USED.	
A3C47		SAME AS A2C1.	
A3C48		SAME AS A1C3.	
A3C49		SAME AS A1C3.	
A3C50		SAME AS A1C3.	
A3C51		CAPACITOR, FIXED, MICA: 1800 uuf, +2% tol, 500 wvdc, 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM112F182G5S.	
A3C52		SAME AS A1C3.	
A3C53		SAME AS A1C3.	
A3C54		SAME AS A3C51.	
A3C55		SAME AS A3C7.	
A3C56		SAME AS A3C7.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3C57 thru A3C62 A3C63 A3C64 A3CR1 thru A3CR4 A3FL1		SAME AS A1C3. SAME AS A1C12. SAME AS A2C1. SAME AS A1CR13.	
A3FL2		FILTER, BANDPASS: 6.290 Mhz center frequency; 3v rms signal input. Wire leads, hermetically sealed metal case. 2.300 in. lg. by 1.000 in. wd by 0.670 in. hg. 82679 P/N FX272-6.290.	
A3FL3		FILTER, BANDPASS: 0.24371 Mhz center frequency; 3v rms signal input. Wire lead, hermetically sealed metal case. 2.300 in. lg by 1.000 in. wd by 0.670 in. hg. 82679 P/N FX272-.25629.	
A3L1		FILTER, BANDPASS: 0.24371 Mhz center frequency; 3v rms signal input. Wire leads, hermetically sealed metal case. 2.300 in. lg by 1.000 in. wd by 0.670 in. hg. 82679 P/N FX272-.24371.	
A3L2		COIL, RF, FIXED: 100 uh, Q=52 at 2.5 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-101.	
A3L3		COIL, RF, FIXED: 330 uh, Q=54 at 0.79 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-331.	
A3L4		COIL, RF, FIXED: 7.3 uh, Q=120 min at 7.9 Mhz. 0.530 in. dia by 0.220 in. lg. 82679 P/N CL436.	
A3L5		COIL, RF, FIXED: 2200 uh, Q=50 at 0.25 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-222.	
A3L6		COIL, RF, FIXED: 3.3 uh, Q=44 at 7.9 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-3R3.	
A3L7		SAME AS A3L2.	
A3L8		COIL, RF, FIXED: 100,000 uh, Q=18 at 0.79 Mhz, 0.157 in. dia 0.395 in. lg. 82679 P/N CL433-104.	
A3L9		COIL, RF, FIXED: 680 uh, Q=60 at 0.79 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-681.	
A3L10		COIL, RF, FIXED: 120 uh, Q=57 at 0.79 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-121.	
A3L11		COIL, RF, FIXED: 220 uh, Q=58 at 0.79 Mhz, 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-221.	
A3Q1		SAME AS A3A1Q3.	
thru A3Q6		SAME AS A1Q3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3Q7		SAME AS A1Q9.	
A3Q8		SAME AS A1Q4.	
A3Q9		SAME AS A1Q3.	
A3Q10		SAME AS A1Q3.	
A3Q11		SAME AS A1Q3.	
A3Q12		SAME AS A1Q3.	
A3Q13		SAME AS A1Q3.	
A3Q14		SAME AS A1Q3.	
A3Q15		SAME AS A1Q4.	
A3Q16		SAME AS A1Q4.	
A3Q17		SAME AS A1Q3.	
A3Q18		SAME AS A1Q3.	
A3R1		RESISTOR: MIL type RC020GF680J.	
A3R2		SAME AS A1R34.	
A3R3		NOT USED.	
A3R4		SAME AS A1R7.	
A3R5		SAME AS A1R2.	
A3R6		SAME AS A2R4.	
A3R7		SAME AS A1R19.	
A3R8		SAME AS A2R4.	
A3R9		SAME AS A2R4.	
A3R10		SAME AS A1R11.	
A3R11		SAME AS A1R10.	
A3R12		SAME AS A2R1.	
A3R13		SAME AS A1R7.	
A3R14		SAME AS A2R17.	
A3R15		RESISTOR: MIL type RC07GF470J.	
A3R16		SAME AS A2R17.	
A3R17		SAME AS A1R34.	
A3R18		SAME AS A1R11.	
A3R19		SAME AS A1R6.	
A3R20		SAME AS A1R10.	
A3R21		SAME AS A2R4.	
A3R22		RESISTOR: MIL type RC07GF100J.	
A3R23		SAME AS A2R17.	
A3R24		SAME AS A1R10.	
A3R25		SAME AS A1R10.	
A3R26		SAME AS A1R10.	
A3R27		SAME AS A1R34.	
A3R28		SAME AS A1R24.	
A3R29		SAME AS A2R71.	
A3R30		SAME AS A1R19.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3R31		SAME AS A1R34.	
A3R32		SAME AS A2R19.	
A3R33		SAME AS A2R71.	
A3R34		SAME AS A2R4.	
A3R35		SAME AS A1R7.	
A3R36		SAME AS A1R3.	
A3R37		SAME AS A2R1.	
A3R38		SAME AS A1R34.	
A3R39		SAME AS A2R4.	
A3R40		SAME AS A2R1.	
A3R41		SAME AS A2R4.	
A3R42		SAME AS A2R1.	
A3R43		SAME AS A2R1.	
A3R44		SAME AS A1R34.	
A3R45		SAME AS A2R4.	
A3R46		SAME AS A1R6.	
A3R47		SAME AS A1R7.	
A3R48		SAME AS A1R7.	
A3R49		SAME AS A1R16.	
A3R50		SAME AS A1R3.	
A3R51		SAME AS A1R19.	
A3R52		RESISTOR: MIL type RC07GF333J.	
A3R53		SAME AS A1R10.	
A3R54		SAME AS A2R4.	
A3R55		SAME AS A3R15.	
A3R56		NOT USED.	
A3R57		SAME AS A3R15.	
A3R58		SAME AS A2R4.	
A3R59		SAME AS A2R4.	
A3R60		SAME AS A1R16.	
A3R61		SAME AS A1R3.	
A3R62		SAME AS A1R6.	
A3R63		SAME AS A1R6.	
A3R64		SAME AS A2R71.	
A3R65		SAME AS A1R7.	
A3R66		SAME AS A1R7.	
A3R67		SAME AS A2R71.	
A3R68		SAME AS A1R19.	
A3R69		SAME AS A1R24.	
A3R70		SAME AS A1R19.	
A3R71		SAME AS A1R19.	
A3R72		SAME AS A1R24.	
A3R73		SAME AS A1R19.	
A3R74		SAME AS A2R1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3R75 A3R76 A3R77 A3R78 A3R79 A3R80 A3R81 A3Z1		SAME AS A1R10. SAME AS A1R10. SAME AS A2R1. SAME AS A1R24. SAME AS A1R10. SAME AS A1R10. SAME AS A1R24. INTEGRATED CIRCUIT, DECADE COUNTER: 14 pins, plastic case. Supply voltage 4.75 v to 5.25 v. Case; 0.770 in. lg by 0.250 in. wd by 0.200 in. hg. 82679 P/N NW134.	
A3Z2 thru A3Z5 A3Z6		SAME AS A3Z1. INTEGRATED, CIRCUIT, MASTER-SLAVE FLIP FLOP: 14 pins plastic case. Supply voltage 4.75 v to 5.25 v. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW159.	
A4		CIRCUIT CARD ASSEMBLY: 76 resistors, 48 capacitors, 6 coils, 2 transformers, 16 transistors, 11 semiconductors, plug-in item; 0.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4630.	
A4C1		CAPACITOR, FIXED, MICA: 220 uuf, +2% tol, 500 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F221G5S.	
A4C2 A4C3		SAME AS A3C13. CAPACITOR, FIXED, MICA: 22 uuf, +5% tol, 500 wvdc, 0.440 in. lg by 0.437 in. wd by 0.170 in. thk. 82679 P/N CM111220J5S.	
A4C4 thru A4C7 A4C8 A4C9 A4C10 A4C11 A4C12		SAME AS A1C3. SAME AS A3C7. SAME AS A3C7. SAME AS A3C7. SAME AS A2C7.	
thru A4C16 A4C17		SAME AS A1C3. CAPACITOR, FIXED, MICA: 120 uuf, +2% tol, 500 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F121G5S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4C18 A4C19		SAME AS A1C3. CAPACITOR, FIXED, MICA: 1500 uuf, \pm 1% tol, 500 wvdc, 0.640 in. lg by 0.591 in. thk. 82679 P/N CM112F152F5S.	
A4C20		CAPACITOR, FIXED, MICA: 4700 uuf, \pm 5% tol, 300 wvdc, 0.665 in. lg by 0.625 in. wd by 0.240 in. thk. 82679 P/N CM112F472J5S.	
A4C21		SAME AS A1C3.	
A4C22		SAME AS A1C3.	
A4C23		SAME AS A1C3.	
A4C24		CAPACITOR, FIXED, MICA: 1800 uuf, \pm 5% tol, 500 wvdc, 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM112F182G5S.	
A4C25 thru			
A4C29		SAME AS A1C3.	
A4C30		CAPACITOR, FIXED, MICA: 100 uuf, \pm 1% tol, 500 wvdc, 0.790 in. lg by 0.570 in. wd by 0.340 in. thk. 82679 P/N CM112F102F5S.	
A4C31		SAME AS A3C24.	
A4C32		SAME AS A2C1.	
A4C33		CAPACITOR: MIL type CS13BF226K.	
A4C34		SAME AS A1C12.	
A4C35		CAPACITOR, FIXED, CERAMIC: 1,000 uuf, GMV, 500 wvdc, 0.310 in. dia by 0.156 in. thk, 0.250 in. lead spacing. 82679 P/N CC100-29.	
A4C36		SAME AS A1C12.	
A4C37		SAME AS A1C6.	
A4C38		SAME AS A1C12.	
A4C39 thru			
A4C44		SAME AS A2C1.	
A4C45		SAME AS A3C2.	
A4C46		SAME AS A2C1.	
A4C47		SAME AS A2C1.	
A4C48		SAME AS A2C1.	
A4CR1		SAME AS A2CR19.	
A4CR2			
thru			
A4CR8		SAME AS A1CR13.	
A4CR9		NOT USED.	
A4CR10		CAPACITOR, VOLTAGE VARIABLE: 100 uuf, at 4 vdc, approx range 57-250 uuf. Typical Q at 4 vdc = 11, 15 wvdc. 0.140 in. dia by 0.300 in. lg, wire leads. Dwg CX106-13. 01281 P/N V710.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4CR11		SAME AS A2CR19.	
A4CR12		SAME AS A2CR19.	
A4L1		SAME AS A3L5.	
A4L2		SAME AS A3L5.	
A4L3		COIL, RF, FIXED: 1.5 uh, Q=45 at 7.9 Mhz. 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-1R5.	
A4L4		COIL, RF, FIXED: 2200 uh, Q=50 at 0.25 Mhz 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-222.	
A4L5		SAME AS A3L10.	
A4L6		COIL, RF, FIXED: 6800 uh, Q=60 at 0.79 Mhz. 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-682.	
A4Q1 thru A4Q9		SAME AS A1Q3.	
A4Q10		SAME AS A1Q4.	
A4Q11		SAME AS A1Q3.	
A4Q12		SAME AS A1Q4.	
A4Q13 thru A4Q16		SAME AS A1Q3.	
A4R1		RESISTOR: MIL type RC20GF473J.	
A4R2		SAME AS A2R1.	
A4R3		SAME AS A2R1.	
A4R4		SAME AS A2R17.	
A4R5		SAME AS A1R19.	
A4R6		SAME AS A2R1.	
A4R7		SAME AS A3R52.	
A4R8		SAME AS A1R24.	
A4R9		SAME AS A1R24.	
A4R10		SAME AS A1R35.	
A4R11		SAME AS A2R71	
A4R12		SAME AS A1R10.	
A4R13		SAME AS A1R16.	
A4R14		SAME AS A1R19.	
A4R15		SAME AS A2R1.	
A4R16		SAME AS A2R1.	
A4R17		SAME AS A2R1.	
A4R18		SAME AS A2R4.	
A4R19		SAME AS A1R2.	
A4R20		SAME AS A1R2.	
A4R21		SAME AS A1R2.	
A4R22		SAME AS A1R2.	
A4R23		SAME AS A1R35.	
A4R24		SAME AS A1R35.	
A4R25		SAME AS A1R7.	
A4R26		SAME AS A2R7.	
A4R27		SAME AS A2R1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4R28		SAME AS A1R24.	
A4R29		SAME AS A2R1.	
A4R30		SAME AS A1R19.	
A4R31		SAME AS A2R71.	
A4R32		SAME AS A2R71.	
A4R33		SAME AS A1R10.	
A4R34		SAME AS A1R24.	
A4R35		SAME AS A1R16.	
A4R36		SAME AS A2R71.	
A4R37		SAME AS A2R71.	
A4R38		SAME AS A1R29.	
A4R39		SAME AS A2R1.	
A4R40		SAME AS A2R1.	
A4R41		SAME AS A2R71.	
A4R42		SAME AS A1R24.	
A4R43		SAME AS A1R24.	
A4R44		SAME AS A1R19.	
A4R45		SAME AS A2R71.	
A4R46		SAME AS A1R10.	
A4R47		SAME AS A1R10.	
A4R48		SAME AS A1R2.	
A4R49		SAME AS A2R71.	
A4R50		SAME AS A1R10.	
A4R51		SAME AS A1R19.	
A4R52		RESISTOR, VARIABLE, WIRE WOUND: 25,000 ohms, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. PC type mounting pins. Dwg RV126-61P253. 80740 P/N 61P253.	
A4R53		SAME AS A1R2.	
A4R54		SAME AS A1R2.	
A4R55		SAME AS A1R34.	
A4R56		SAME AS A1R34.	
A4R57		SAME AS A1R11.	
A4R58		SAME AS A2R1.	
A4R59		SAME AS A1R29.	
A4R60		SAME AS A2R71.	
A4R61		SAME AS A2R1.	
A4R62		SAME AS A2R1.	
A4R63		SAME AS A2R17.	
A4R64		SAME AS A1R7.	
A4R65		SAME AS A4R1.	
A4R66		SAME AS A2R1.	
A4R67		SAME AS A1R16.	
A4R68		SAME AS A1R6.	
A4R69		SAME AS A2R17.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4R70		SAME AS A1R29.	
A4R71		SAME AS A2R1.	
A4R72		SAME AS A1R7.	
A4R73		SAME AS A1R19.	
A4R74		SAME AS A1R19.	
A4R75		SAME AS A1R24.	
A4R76		SAME AS A2R17.	
A4R77		SAME AS A2R17.	
A4T1		TRANSFORMER, PULSE: 2,500 uh, \pm 20% tol, wire leads 0.500 in. lg by 0.350 in. wd by 0.250 in. hg. Dwg TD374-5. 90095 P/N 21PHA.	
A4T2		SAME AS A4T1.	
A5		CIRCUIT CARD ASSEMBLY: 96 resistors, 64 capacitors, 6 coils, 2 filters, 21 transistors, 7 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4631.	
A5C1 thru A5C23 A5C24		SAME AS A1C3. CAPACITOR, FIXED, MICA: 22 uuf, \pm 5% tol, 500 wvdc, 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E220J5S.	
A5C25		SAME AS A1C3.	
A5C26		SAME AS A1C3.	
A5C27		SAME AS A1C3.	
A5C28		SAME AS A5C24.	
A5C29 thru A5C32		SAME AS A1C3.	
A5C33		SAME AS A5C24.	
A5C34 thru A5C38		SAME AS A1C3.	
A5C39		SAME AS A5C24.	
A5C40 thru A5C51		SAME AS A1C3.	
A5C52		SAME AS A3C51.	
A5C53		SAME AS A1C3.	
A5C54		SAME AS A1C3.	
A5C55 thru A5C59		SAME AS A1C3.	
A5C60		SAME AS A2C1.	
A5C61		SAME AS A1C6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5C62		CAPACITOR, MIL type CS13BF107K.	
A5C63		SAME AS A1C3.	
A5C64		SAME AS A1C3.	
A5CR1		SAME AS A1CR13.	
A5CR2		SAME AS A1CR13.	
A5CR3		SAME AS A1CR13.	
A5CR4		SAME AS A2CR19.	
A5CR5		SAME AS A2CR19.	
A5CR6		SAME AS A2CR19.	
A5CR7		SAME AS A2VR1.	
A5FL1		FILTER, BANDPASS: 2.5 KHz symmetrical, 3 v rms max signal input. 2.750 in. lg by 1.875 in. wd by 0.670 in. hg. 82679 P/N FX262.	
A5FL2		FILTER, BANDPASS: 6 KHz symmetrical, 3 v rms max signal input. 2.750 in. lg by 1.875 in. wd by 0.670 in. hg. 82679 P/N FX 259.	
A5L1		COIL, RF, FIXED: 10,000 uh, $\pm 10\%$ tol, 137 ohms max dc res, 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-103.	
A5L2 thru A5L4 A5L5		SAME AS A5L1.	
A5L6		COIL, RF, FIXED: 220 uh, $\pm 10\%$ tol, 5.0 ohms max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-221.	
A5L6		COIL, RF, FIXED: 1000 uh, $\pm 10\%$ 17.5 ohms max dc res, 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-102.	
A5Q1 thru A5Q4		SAME AS A1Q3.	
A5Q5		TRANSISTOR: MIL type 2N2369.	
A5Q6		SAME AS A5Q5.	
A5Q7		TRANSISTOR: MIL type 2N4223.	
A5Q8		TRANSISTOR: MIL type 2N4221.	
A5Q9		SAME AS A5Q5.	
A5Q10		SAME AS A5Q8.	
A5Q11		SAME AS A5Q8.	
A5Q12		SAME AS A1Q3.	
A5Q13		SAME AS A1Q3.	
A5Q14		SAME AS A1Q4.	
A5Q15 thru A5Q18		SAME AS A1Q3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5Q19		SAME AS A5Q5.	
A5Q20		SAME AS A5Q5.	
A5Q21		SAME AS A5Q5.	
A5R1		SAME AS A2R71.	
A5R2		SAME AS A2R71.	
A5R3		SAME AS A1R24.	
A5R4		RESISTOR: MIL type RN60D5110F.	
A5R5		SAME AS A1R29.	
A5R6		SAME AS A1R19.	
A5R7		SAME AS A2R4.	
A5R8		SAME AS A2R71.	
A5R9		SAME AS A5R4.	
A5R10		SAME AS A2R71.	
A5R11		SAME AS A1R19.	
A5R12		SAME AS A2R17.	
A5R13		SAME AS A2R1.	
A5R14		SAME AS A2R71.	
A5R15		SAME AS A2R71.	
A5R16		SAME AS A1R24.	
A5R17		SAME AS A5R4.	
A5R18		SAME AS A1R19.	
A5R19		SAME AS A1R29.	
A5R20		SAME AS A2R4.	
A5R21		SAME AS A5R4.	
A5R22		SAME AS A2R71.	
A5R23		SAME AS A3R52.	
A5R24		SAME AS A1R19.	
A5R25		SAME AS A2R17.	
A5R26		SAME AS A2R1.	
A5R27		NOT USED.	
A5R28		SAME AS A1R7.	
A5R29		SAME AS A1R19.	
A5R30		SAME AS A4R1.	
A5R31		SAME AS A2R19.	
A5R32		SAME AS A1R7.	
A5R33		SAME AS A1R7.	
A5R34		SAME AS A2R19.	
A5R35		SAME AS A1R7.	
A5R36		SAME AS A2R19.	
A5R37		SAME AS A1R19.	
A5R38		SAME AS A2R19.	
A5R39		SAME AS A2R17.	
A5R40		SAME AS A1R7.	
A4R41		SAME AS A1R19.	
A5R42		NOT USED.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5R43		SAME AS A2R71.	
A5R44		SAME AS A2R71.	
A5R45		SAME AS A2R17.	
A5R46		SAME AS A1R7.	
A5R47		SAME AS A2R1.	
A5R48		SAME AS A2R77.	
A5R49		SAME AS A2R77.	
A5R50		SAME AS A1R7.	
A5R51		SAME AS A2R17.	
A5R52		SAME AS A4R11.	
A5R53		SAME AS A2R71.	
A5R54		SAME AS A2R71.	
A5R55		SAME AS A1R19.	
A5R56		SAME AS A2R17.	
A5R57		SAME AS A1R7.	
A5R58		SAME AS A2R16.	
A5R59		SAME AS A3R15.	
A5R60		SAME AS A2R19.	
A5R61		SAME AS A2R19.	
A5R62		SAME AS A1R19.	
A5R63		SAME AS A2R17.	
A5R64		SAME AS A1R7.	
A5R65		SAME AS A2R71.	
A5R66		SAME AS A2R71.	
A5R67		SAME AS A1R19.	
A5R68		RESISTOR, VARIABLE: 5000 ohms, \pm 30% tol, 200 wvdc, 0.250 in. dia, by 0.250 in. hg. 82679 P/N RV124-1- 502.	
A5R69		SAME AS A3R15.	
A5R70		SAME AS A1R6.	
A5R71		SAME AS A2R71.	
A5R72		SAME AS A1R19.	
A5R73		SAME AS A2R71.	
A5R74		SAME AS A1R6.	
A5R75		SAME AS A2R4.	
A5R76		NOT USED.	
A5R77		SAME AS A1R6.	
A5R78		SAME AS A2R4.	
A5R79		SAME AS A2R71.	
A5R80		SAME AS A2R71.	
A5R81		SAME AS A1R7.	
A5R82		SAME AS A2R4.	
A5R83		SAME AS A1R10.	
A5R84		SAME AS A1R24.	
A5R85		SAME AS A2R71.	
A5R86		SAME AS A2R71.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5R87		SAME AS A1R19.	
A5R88		SAME AS A1R29.	
A5R89		SAME AS A1R7.	
A5R90		SAME AS A2R71.	
A5R91		SAME AS A1R7.	
A5R92		SAME AS A2R1.	
A5R93		RESISTOR, VARIABLE: 100k ohms, \pm 30% tol, 200 wvdc, 0.250 in. dia by 0.250 in. hg. 82679 P/N RV124-1-104.	
A5R94		RESISTOR, VARIABLE: 50k ohms, \pm 30% tol, 200 wvdc. 0.250 in. dia by 0.250 in. hg. 82679 P/N RV124-1-503.	
A5R95		SAME AS A5R93.	
A5R96		SAME AS A5R93.	
A5R97		RESISTOR, VARIABLE: 250k ohms, \pm 30% tol, 200 wvdc, 0.250 in. dia by 0.250 in. hg. 82679 P/N RV124-1-254.	
A5R98		SAME AS A5R93.	
A5R99		SAME AS A2R17.	
A6		CIRCUIT CARD ASSEMBLY: 51 resistors, 34 capacitors, 5 coils, 3 transformers, 15 transistors, 6 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4632.	
A6C1		SAME AS A4C1.	
A6C2		SAME AS A3C13.	
A6C3		SAME AS A4C3.	
A6C4 thru A6C7		SAME AS A1C3.	
A6C8		CAPACITOR, FIXED, MICA: 1800 uuf, \pm 1/2% tol, 500 wvdc. 0.640 in. lg by 0.570 in. wd by 0.198 in. thk. 82679 P/N CM112F182E5S.	
A6C9 thru A6C12		SAME AS A1C3.	
A6C13		CAPACITOR, FIXED, MICA: 1,000 uuf, \pm 5% tol, 100 wvdc, 0.790 in. lg by 0.570 in. wd by 0.198 in. thk. 82679 P/N CM112F102J1S.	
A6C14		CAPACITOR, FIXED, MICA: 2200 uuf, \pm 5% tol, 500 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM112F222J5S.	
A6C15		CAPACITOR, FIXED, MICA: 10,000 uuf, \pm 1% tol, 100 wvdc. 0.790 in. lg by 0.570 in. wd by 0.340 in. thk. 82679 P/N CM112F103F1S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6C16		SAME AS A1C12.	
A6C17		SAME AS A1C3.	
A6C18		SAME AS A1C6.	
A6C19		SAME A1C12.	
A6C20		SAME AS A4C35.	
A6C21		SAME AS A1C12.	
A6C22		SAME AS A1C12.	
A6C23		SAME AS A2C1.	
A6C24		SAME AS A1C12.	
A6C25		SAME AS A4C35.	
A5C26		SAME AS A2C1.	
A6C27			
thru			
A6C30		SAME AS A1C12.	
A6C31		SAME AS A4C35.	
A6C32		SAME AS A2C1.	
A6C33		SAME AS A2C1.	
A6C34		SAME AS A1C6.	
A6CR1			
thru			
A6CR6		SAME AS A1CR13.	
A6L1		COIL, RF, FIXED: 3300 uh, \pm 10% tol, 53 max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-332.	
A6L2		SAME AS A6L1.	
A6L3		COIL, RF, FIXED: 1500 uh, \pm 10% tol, 26.5 max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-152.	
A6L4		SAME AS A3L10.	
A6L5		COIL RF, FIXED: 6800 uh, \pm 10% tol, 118 max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-682.	
A6Q1		SAME AS A1Q3.	
A6Q2		SAME AS A1Q4.	
A6Q3		SAME AS A1Q4.	
A6Q4		SAME AS A1Q3.	
A6Q5		SAME AS A1Q4.	
A6Q6		SAME AS A1Q3.	
A6Q7		SAME AS A1Q4.	
A6Q8		SAME AS A1Q3.	
A6Q9			
thru			
A6Q12		SAME AS A1Q4.	
A6Q13		SAME AS A1Q9.	
A6Q14		SAME AS A1Q3.	
A6Q15		SAME AS A1Q3.	
A6R1			
thru			
A6R3		SAME AS A7R1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6R4		SAME AS A2R4.	
A6R5 thru A6R8		SAME AS A1R2.	
A6R9		SAME AS A2R71.	
A6R10		SAME AS A2R71.	
A6R11		SAME AS A1R29.	
A6R12		SAME AS A1R10.	
A6R13		SAME AS A2R1.	
A6R14		SAME AS A2R17.	
A6R15		SAME AS A2R17.	
A6R16		SAME AS A1R19.	
A6R17		SAME AS A1R2.	
A6R18		SAME AS A2R71.	
A6R19		SAME AS A1R10.	
A6R20		SAME AS A1R2.	
A6R21		SAME AS A1R10.	
A6R22		SAME AS A1R2.	
A6R23		SAME AS A2R71.	
A6R24		SAME AS A1R10.	
A6R25		SAME AS A1R19.	
A6R26		RESISTOR, VARIABLE, WIRE WOUND: RF 25,000 ohms, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. PC mounting pins. Dwg RV126-61P253. 80740 P/N 61P253.	
A6R27		SAME AS A1R2.	
A6R28		SAME AS A1R34.	
A6R29		SAME AS A1R34.	
A6R30		SAME AS A1R11.	
A6R31		SAME AS A1R7.	
A6R32		SAME AS A2R71.	
A6R33		SAME AS A2R4.	
A6R34		SAME AS A2R1.	
A6R35		SAME AS A1R2.	
A6R36		NOT USED.	
A6R37		SAME AS A4R1.	
A6R38		SAME AS A2R1.	
A6R39		SAME AS A2R71.	
A6R40		SAME AS A4R1.	
A6R41		NOT USED.	
A6R42		NOT USED.	
A6R43		SAME AS A2R4.	
A6R44		SAME AS A1R7.	
A6R45		SAME AS A1R19.	
A6R46		SAME AS A1R7.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6R47 A6R48 A6R49 A6R50 A6R51 A6R52 A6R53 A6R54 A6T1 A6T2 A6T3		SAME AS A1R29. SAME AS A1R35. SAME AS A2R71. SAME AS A2R71. SAME AS A1R10. SAME AS A1R29. SAME AS A1R29. RESISTOR: MIL type RC07GF220J. SAME AS A4T1. SAME A4T1. TRANSFORMER, AUDIO: Pri imp. 500 ct. ohms; sec imp. 600 ct. ohms; 175 wvdc, solder type terminals. 0.875 in. lg by 0.750 in. wd by 0.562 in. hg. 82679 P/N TF358.	
A7		CIRCUIT CARD ASSEMBLY: 84 resistors, 53 capacitors, 6 coils, 1 filter, 19 transistors, 7 semiconductors, plug-in item; 9.031 in. lg by 5.969 in. wd by 0.750 in. hg. 82679 P/N A4633.	
A7C1 thru A1C9		SAME AS A1C3.	
A7C10		NOT USED.	
A7C11 thru A7C14		SAME AS A1C3.	
A7C15		SAME AS A4C3.	
A7C16		SAME AS A1C3.	
A7C17		SAME AS A1C3.	
A7C18		SAME AS A1C3.	
A7C19		SAME AS A4C3.	
A7C20 thru A7C24		SAME AS A1C3.	
A7C25		SAME AS A4C3.	
A7C26			
thru A7C29		SAME AS A1C3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7C30 thru A7C41 A7C42 A7C43 thru A7C49 A7C50 A7C51 A7C52 A7C53 A7C54 A7CR1 A7CR2 A7CR3 A7CR4 A7CR5 A7CR6 A7FL1		SAME AS A1C3. SAME AS A3C51. SAME AS A1C3. CAPACITOR: MIL type CS13BE226K. CAPACITOR: MIL type CS13BE405K. CAPACITOR: MIL type CS13BE107K. SAME AS A1C3. SAME AS A1C3. SAME AS A1CR13. SAME AS A1CR13. SAME AS A1CR13. SAME AS A2CR19. SAME AS A2CR19. SAME AS A2CR19. FILTER, BANDPASS: outer, lower sideband; 243.710 Khz carrier frequency, 3 v rms max. signal input. 2.750 in. lg, by 1.875 in. wd by 0.670 in. hg. 82679 P/N FX292.	
A7FL2		NOT USED	
A7L1 thru A7L4 A7L5 A7L6 A7Q1 A7Q2 A7Q3 A7Q4 A7Q5 A7Q6 A7Q7 A7Q8 A7Q9 A7Q10		SAME AS A5L1. SAME AS A5L5. SAME AS A5L6. SAME AS A1Q4. SAME AS A1Q4. SAME AS A5Q5. SAME AS A5Q5. SAME AS A5Q7. TRANSISTOR: MIL type 2N4221. SAME AS A5Q5. SAME AS A7Q6. SAME AS A7Q6. SAME AS A1Q3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7Q11		SAME AS A1Q3.	
A7Q12		SAME AS A1Q4.	
A7Q13			
thru			
A7Q16		SAME AS A1Q3.	
A7Q17		SAME AS A5Q5.	
A7Q18		SAME AS A5Q5.	
A7Q19		SAME AS A5Q5.	
A7R1		SAME AS A2R71.	
A7R2		SAME AS A2R71.	
A7R3		RESISTOR: MIL type RN60C5110F.	
A7R4		SAME AS A1R29.	
A7R5		SAME AS A1R6.	
A7R6		SAME AS A2R4.	
A7R7		SAME AS A7R3.	
A7R8		SAME AS A2R71.	
A7R9		SAME AS A2R71.	
A7R10		SAME AS A7R3.	
A7R11		SAME AS A1R29.	
A7R12		SAME AS A1R6.	
A7R13		SAME AS A2R4.	
A7R14		SAME AS A7R3.	
A7R15		SAME AS A1R7.	
A7R16		SAME AS A1R19.	
A7R17		SAME AS A2R19.	
A7R18		SAME AS A2R19.	
A7R19		SAME AS A1R7.	
A7R20		SAME AS A1R7.	
A7R21		SAME AS A4R1.	
A7R22		SAME AS A1R7.	
A7R23		SAME AS A1R19.	
A7R24		SAME AS A2R19.	
A7R25		SAME AS A2R19.	
A7R26		SAME AS A2R17.	
A7R27		SAME AS A1R7.	
A7R28		SAME AS A1R19.	
A7R29		SAME AS A2R71.	
A7R30		SAME AS A2R71.	
A7R31		NOT USED.	
A7R32		SAME AS A2R17.	
A7R33		SAME AS A1R7.	
A7R34		SAME AS A1R24.	
A7R35		SAME AS A1R7.	
A7R36		SAME AS A2R77.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7R37		SAME AS A1R7.	
A7R38		SAME AS A4R1.	
A7R39		SAME AS A2R17.	
A7R40		SAME AS A1R19.	
A7R41		SAME AS A2R71.	
A7R42		SAME AS A2R71.	
A7R43		SAME AS A2R17.	
A7R44		SAME AS A1R7.	
A7R45		SAME AS A2R16.	
A7R46		SAME AS A3R15.	
A7R47		SAME AS A1R19.	
A7R48		SAME AS A2R19.	
A7R49		SAME AS A2R19.	
A7R50		SAME AS A2R17.	
A7R51		SAME AS A1R7.	
A7R52		SAME AS A1R19.	
A7R53		SAME AS A2R71.	
A7R54		SAME AS A2R71.	
A7R55		SAME AS A5R94.	
A7R56		SAME AS A1R6.	
A7R57		SAME AS A3R15.	
A7R58		SAME AS A1R19.	
A7R59		SAME AS A2R71.	
A7R60		SAME AS A2R71.	
A7R61		SAME AS A1R6.	
A7R62		SAME AS A2R4.	
A7R63		NOT USED.	
A7R64		SAME AS A2R4.	
A7R65		SAME AS A1R6.	
A7R66		SAME AS A2R71.	
A7R67		SAME AS A2R71.	
A7R68		SAME AS A2R4.	
A7R69		SAME AS A1R10.	
A7R70		SAME AS A1R7.	
A7R71		SAME AS A1R24.	
A7R72		SAME AS A2R71.	
A7R73		SAME AS A2R71.	
A7R74		SAME AS A1R19.	
A7R75		SAME AS A1R29.	
A7R76		SAME AS A1R7.	
A7R77		SAME AS A1R71.	
A7R78		SAME AS A1R7.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A7R79 A7R80 A7R81 A7R82		SAME AS A2R1. SAME AS A5R97. SAME AS A5R93. RESISTOR, VARIABLE: 500k ohms, + 30% tol, 200 wvdc, 0.250 in. dia by 0.250 in. hg. 82679 P/N RV124-1- 504.	
A7R83 A7R84 A7R85 A7R86 A7R87 A7R88 A7R89 A7VR1		SAME AS A7R83. SAME AS A7R83. SAME AS A5R93. RESISTOR: MIL type RC07GF151J. SAME AS A7R86. RESISTOR: MIL type RC07GF681J. SAME AS A2R17. SAME AS A2VR1.	
A8		CIRCUIT CARD ASSEMBLY: SAME AS A6.	
A9		CIRCUIT CARD ASSEMBLY: Same as A7 except for FL1 and FL2.	
A9FL1 A9FL2		FILTER, BANDPASS: inner, lower sideband; 250 Khz carrier frequency, 3 v rms max signal input. 2.750 in. lg, 1.875 in. wd, 0.670 in. hg. 82679 P/N FX291. NOT USED	
A10 A11 A11FL1 A11FL2		CIRCUIT CARD ASSEMBLY: SAME AS A6. CIRCUIT CARD ASSEMBLY: Same as A7 except for FL1 and FL2 FILTER, BANDPASS: inner, upper sideband; 250 Khz carrier frequency, 3 v rms max signal input. 2.750 in. lg, 1.875 in. wd, 0.670 in. hg. 82679 P/N FX296. NOT USED	
A12		CIRCUIT CARD ASSEMBLY: SAME AS A6.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13		CIRCUIT CARD ASSEMBLY: Same as A7 except for FL1 and FL2.	
A13FL1		FILTER, BANDPASS: outer, upper sideband; 256.290 Khz carrier frequency, 3 v rms max signal input. 2.750	
A13FL2		in. lg, 1.875 in. wd, 0.670 in. hg. 82679 P/N FX293. NOT USED	
A14		STEPPING SWITCH ASSEMBLY, MODE.	
A14A1		CIRCUIT CARD ASSEMBLY: 10 semiconductors, P/O AX5002	
A14A1CR1		3.5 in. lg by 1.625 in. wd by 0.500 in. hg. 82679 P/N A4584.	
A14A1CR2		ABSORBER, OVERVOLTAGE: operating voltage - 28v nom,	
A14A1CR2 thru A14A1CR2		33v max. Max reverse - 10vdc. 0.438 in. lg by 0.500	
A14S1		in. wd by 0.219 in. thk. 82679 P/N DD111-1.	
A15		STEPPING SWITCH ASSEMBLY, MODE.	
A15A1		CIRCUIT CARD ASSEMBLY: 6 semiconductors, P/O AX5000;	
A15A1CR1		3.5 in. lg by 1.625 in. wd by 0.500 in. hg. 82679	
A15A1CR2		P/N A4583.	
A15A1CR6		SAME AS A14A1CR1.	
A15S1		SAME AS A1CR13.	
A16		SWITCH, STEPPING: remote controlled type, direct	
A17		drive type, unidirectional drive, 2 sections, 12 pos-	
A18		itions, 10 wipers, 34 contacts, 10-15 amps, 28 vdc;	
A16		bracket housed plug-in type; 4 in. lg by 2.5 in. hg	
A17		by 1.75 in. wd. 82679 P/N AX5000.	
A18		SAME AS A15.	
A17		SAME AS A15.	
A18		SAME AS A15.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
3		GENERATOR, REFERENCE SIGNAL: 0-1510/URR, The TMC Model HFSR-4 is a remotely controlled frequency synthesizer for a 2 to 32.000 Mhz synthesized side-band transmission.	

A1		FREQUENCY STANDARD: 1 MHz stability 1 part in 10^8 per day, 5 parts 10^8 per month, 10,000 ft. altitude no change in stability, warm up 60 min. for 1 part 10^8 per day, Hermetically sealed steel rectangular case 2.015 in. lg by 2.015 in. wd by 4.886 in. hg. 82679 P/N NF114.	
A2		CIRCUIT CARD ASSEMBLY: 27 resistors, 20 capacitors 12 transistors, 13 semi-conductors plug-in item; 10 in. lg by 4.375 in. wd by 0.750 in. hg. 82679 P/N A4687.	
A3		1 MHz DIST; 1 circuit card assembly, 2 RF shields 10,000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5019.	
A4		1 MC SELECTOR: 1 circuit card assembly: 2 RF shields; 10,000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5020.	
A5		100 KC SELECTOR: 1 circuit card assembly, 2 RF shields; 10,000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5021.	
A6		MATRIX 1: 1 circuit card assembly, 2 RF shields 10,000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5022.	
A7		SAME AS A6.	
A8		MATRIX 3: 1 circuit card assembly, 2 RF shields; 10,000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5023.	
A9		MIXER/AMPLIFIER 1: 1 circuit card assembly, 2 RF shields; 10,000 in lg by 4.562 in. wd by 1 in. hg 82679 P/N AX5024.	
A10		SAME AS A9.	
A11		SAME AS A9.	
A12		MIXER/AMPLIFIER 4: 1 circuit card assembly, 2 RF shields, 10,000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5025.	
A13		FINAL MIXER/AMPLIFIER: 1 circuit card assembly, 2 rf shields, 10,000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5026.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A14 thru A19		SWITCH, STEPPING: remote controlled type, direct drive type, unidirectional drive. 4 sections, 12 positions, 14 wipers, 33 contacts; 10-15 amps, 28 vdc, bracket housed plug-in type; 6 in. lg by 2.75 in. hg by 2 in. wd. 82679 P/N AX5006.	
B1		FAN, AXIAL: 115 vac, 50/60 Hz. CMF-45 at 60 Hz free delivery. Plastic blade, aluminum housing with black enamel finish. Housing size; 3.625 in. by 3.625 in. by 1.500 in. o/a. 82679 P/N BL131.	
DS1		LAMP, INCANDESCENT: SINGLE contact, T-1-3/4 base, 28 v ac or dc, 0.04 amps. Dwg, BI110-7, 08806 P/N327.	
DS2		SAME AS DS1.	
DS3		SAME AS DS1.	
F1		FUSE, CARTRIDGE TYPE: 1 amps, 125 v. 0.250 in. dia 1.250 in. lg Dwg FU102-1. 71400 P/N MDL-1.	
F2		SAME AS F1.	
FL1		FILTER, RADIO INTERFERENCE: current, lamp; voltage rating, 600 vdc, 250 vac at 60 cps. 1.000 in. dia, 2.688 in. lg Dwg. FI105-1, 80183 P/N 1JX130.	
FL2		SAME AS FL1.	
J1		CONNECTOR: MIL type MS3102A14S1P.	
J2		CONNECTOR: MIL type MS3102A28-21S.	
J3			
thru			
J7		CONNECTOR: MIL type UG625B/U.	
J8		CONNECTOR: MIL type MS3102A28-21P.	
M1		METER, SPECIAL SCALE: 50 microamp movement, 0 center. Case; molded phenolic, 1.750 in. by 1.750 in. by 1.500 in. deep. 82679 P/N MR206.	
MP1 thru MP6		KNOB, INSTRUMENT TYPE: molded plastic body with brass insert, 2 set screws and unfilled indicator depression. 0.750 in. dia, 0.438 in. hg. 82679 P/N MP123-3UB.	
P1		CONNECTOR: MIL type MS3106414S1S.	
P2		CONNECTOR, PLUG, ELECTRICAL: 3 prong polarized with removable ground connection, 250 v. Dwg PL218 11136 P/N UP-121-M.	
Q1		TRANSISTOR: IL type 2N3442.	
thru			
Q3			
S1		SWITCH: MIL type ST22N.	
S2		SWITCH: MIL type ST22K.	
T1		TRANSFORMER, POWER, STEP DOWN: primary; 115/230 v. 50/60 cps, 1 phase: secondary; 15. 1.3 adc; 25 v, 1.0 adc; 35 v, 0.9 ad. 82679 P/N TF372.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
XA1 XA2 thru XA19		NOT USED.	
XDS1		CONNECTOR, RECEPTACLE, ELECTRICAL: 22 double sided female contacts rated at 5 amps and 1800 volts RMS. Phenolic housing with floating bushing and eyelet terminals. Accepts printed circuits board thickness of 0.054 in. to 0.071 in. 82679 P/N JJ319-22-DFE.	
XDS2 XDS3		LIGHT, INDICATOR: Red lens. 1.35 to 28 v. T=1-3/4 lamp base. 2 terminals. 0.437 in. dia by 1.500 in. lg. Dwg TS153-8, 72619 P/N 162-8430-1471-502.	
XDS2 XDS3		SAME AS XDS1.	
XDS2 XDS3		LIGHT, INDICATOR: Translucent white lens, 1.35 to 28 v. T=1-3/4 lamp base. 2 terminals. 0.437 in. dia by 1.500 in. lg. Dwg TS153-12, 72619 P/N 162-8430-1475-502.	
XF1		FUSEHOLDER, LAMP INDICATING: 90-250 v, 15 amps, neon lamp, clear knob; accomodates 0.250 in. dia by 1.250 in. lg fuse. Dwg FH104-3, 71400 P/N	
XF2		SAME AS XF1.	
A2		CIRCUIT CARD ASSEMBLY: 27 resistors, 21 capacitors, 12 transistors, plug-in item; 10 in. lg by 4.375 in. wd by 0.750 in. hg. 82679 P/N A4687.	
A2C1		CAPACITOR, FIXED, ELECTROLYTIC: 750 uf, 75 wvdc. 0.813 in. dia, 2.250 in. lg. Dwg CE119-750-75, 80183 P/N 39D707G075HP4.	
A2C2		CAPACITOR, FIXED, ELECTROLYTIC: 200 uf, - 10% + 150% at 125 cps, 25°C, 15 wvdc, 0.437 in. dia, 1.625 in. lg. Dwg CE105-200-15, 14655 P/N NLW200-15.	
A2C3		CAPACITOR, FIXED, CERAMIC: 100,000 uuf, + 80% - 20%, 100 wvdc, 0.690 in. dia, 0.156 in. thk; 0.375 in. lead spacing. 82679 P/N CC100-28.	
A2C4		CAPACITOR, FIXED, ELECTROLYTIC: 10 uf, -10% + 150% at 125 cps 25°C, 25 wvdc, 0.312 in. dia, 0.750 in. lg. Dwg CE105-10-25, 14655 P/N NLW10-25.	
A2C5 A2C6 A2C7		SAME AS A2C3.	
A2C6 A2C7		CAPACITOR: MIL type, CS13BC227K.	
A2C7 A2C8		CAPACITOR, FIXED, CERAMIC: 10,000 uuf, GMV, 600 wvdc, 0.600 in. dia, 0.156 in. thk; 0.375 in. lead spacing. 82679 P/N CC100-16.	
A2C8 A2C9 A2C10 A2C11 A2C12		SAME AS A2C1. SAME AS A2C2. SAME AS A2C3. SAME AS A2C4. SAME AS A2C3.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2C13		CAPACITOR, ELECTROLYTIC: 47 uf, $\pm 10\%$ tol, 35 wvdc. 0.341 in. dia by 0.750 in. dia wire leads. Dwg CE123-1. 80183 P/N 150D476X9035S2.	
A3C14		SAME AS A2C7.	
A2C15		CAPACITOR, FIXED, ELECTROLYTIC: 1,000 uf, 25 wvdc. 0.813 in. dia by 2.250 in. lg. Dwg CE119-1000-25, 14655 P/N 39D108G025GL4.	
A2C16		SAME AS A2C2.	
A3C17		SAME AS A3C3.	
A3C18		SAME AS A2C4.	
A2C19		SAME AS A2C3.	
A3C20		NOT USED.	
A2C21		SAME AS A2C7.	
A2CR1		RECTIFIER, SEMICONDUCTOR DEVICE: Single-phase full-wave bridge, 1.5 vdc output current, 200 v rms volts. Corrosion resistant plastic case, wire leads. 82679 P/N DD145.	
A2CR2		SAME AS A2CR1.	
A2CR3		RECTIFIER, SEMICONDUCTOR DEVICE: Input voltage 140v. DC output, 124 v res. load, 200 V cap. load. Corrosion resistant plastic case. Wire leads, 0.900 in. lg by 0.670 in. hg X 0.260 in. wd. 82679 P/N DD144-6.	
A2CR4		SEMICONDUCTOR DEVICE: MIL type 1N914.	
A2CR5		SAME AS A2CR4.	
A2CR6		SAME AS A2CR4.	
A2CR7		SAME AS A2CR4.	
A2Q1		TRANSISTOR: MIL type 2N4036.	
A2Q2		TRANSISTOR: MIL type 2N2631.	
A2Q3		TRANSISTOR: MIL type 2N706.	
A2Q4		TRANSISTOR: MIL type 2N1711.	
A2Q5		SAME AS A2Q1.	
A2Q6		SAME AS A2Q1.	
A2Q7		SAME AS A2Q3.	
A2Q8		SAME AS A2Q4.	
A2Q9		SAME AS A2Q1.	
A2Q10		SAME AS A2Q2.	
A2Q11		SAME AS A2Q3.	
A2Q12		SAME AS A2Q3.	
A2R1		RESISTOR: MIL type RC20GF472J.	
A2R2		RESISTOR: MIL type RC07GF331J.	
A2R3		RESISTOR: MIL type RW69G1R0J.	
A2R4		RESISTOR, VARIABLE, WIRE WOUND: 100 ohms, + 30% tol. 0.250 in. dia by 0.250 in. hg. PC type mounting pins. 82679 P/N RV124-1-101.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2R5 A2R6 A2R7		RESISTOR: MIL type RC07GF152J. RESISTOR: MIL type RC07GF153J. RESISTOR, VARIABLE, WIRE WOUND: 5000 ohms $\pm 30\%$ tol. 0.250 in. dia, by 0.250 in. hg. 82679 P/N RV124-1- 502.	
A2R8 A2R9 A2R10 A2R11 A2R12 A2R13		RESISTOR: MIL type RC07GF682J. RESISTOR: MIL type RC07GF332J. RESISOR: MIL type RC07GF221J. RESISTOR: MIL type RC07GF151J. RESISTOR: MIL type RW69G1R2J. SAME AS A2R4.	
A2R14 A2R15 A2R16		RESISTOR: MIL type RC07GF471J. RESISTOR: MIL type RC07GF332J. RESISTOR, VARIABLE, WIRE WOUND: 1000 ohms, $\pm 30\%$ tol. 0.250 in. dia by 0.250 in. hg. 82679 P/N RV124-1- 102.	
A2R17 A2R18 A2R19 A2R20 A2R21 A2R22 A2R23 A2R24 A2R25 A2R26 A2R27		SAME AS A2R15. RESISTOR: MIL type RC07GF222J. SAME AS A2R11. SAME AS A2R11. SAME AS A2R3. SAME AS A2R4. RESISTOR: MIL type RC07GF101J. SAME AS A2R2. SAME AS A2R4. RESISTOR: MIL type RC07GF270J. SAME AS A2R11.	
A2VR1 A2VR2 A2VR3 A2VR4 A2VR5 A2VR6		SEMICONDUCTOR DEVICE: MIL type 1N4370A. SEMICONDUCTOR DEVICE: MIL type IN754A. SAME AS A2VR1. SAME AS A2VR2. SAME AS A2VR1. SAME AS A2VR1.	
A3		1 MHz DIST: 1 circuit card assembly, 2 RF shields, 10.000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5019.	
A3E1		SHIELD, CIRCUIT CARD ASSEMBLY: "L" Shaped, aluminum; 9.875 in. by 4.406 in. by 0.719 in. o/a dim. 82679 P/N MS 5360.	
A3E2		SHIELD, CIRCUIT CARD ASSEMBLY: "L" Shaped, aluminum; 9.875 in. by 4.459 in. by 1.000 in. o/a dim. 82679 P/N MS 5361.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3A1		CIRCUIT CARD ASSEMBLY: 107 resistors, 47 capacitors, 13 coils, 8 integrated circuits, 27 transistors, 13 1 semiconductor, plug-in item, p/o AX5019, 10.000 in. lg by 4.375 in. wd. by 0.750 in. hg. 82679 P/N A4688.	
A3A1C1		SAME AS A2C7.	
A3A1C2		SAME AS A2C3.	
A3A1C3		SAME AS A2C7.	
A3A1C4		SAME AS A2C7.	
A3A1C5		SAME AS A2C7.	
A3A1C6		SAME AS A2C3.	
A3A1C7		SAME AS A2C7.	
A3A1C8		SAME AS A2C7.	
A3A1C9		SAME AS A2C3.	
A3A1C10		CAPACITOR, FIXED, MICA: 2700 uuf, $\pm 5\%$ tol, 300 wvdc. 0.640 in. lg, 0.591 in. wd 0.198 in. thk. 82679 P/N CM112F272J3S..	
A3A1C11		CAPACITOR, FIXED, MICA: 100 uuf, $\pm 5\%$ tol, 500 wvdc. 0.440 in. lg 0.473 in. wd. 0.170 in. thk. 82679 P/N CM111F101J5S.	
A3A1C12		SAME AS A2C7.	
A3A1C13		SAME AS A2C7.	
A3A1C14		CAPACITOR, FIXED, ELECTROLYTIC: 47 uf, 125 wvdc, 0.218 dia by 0.468 in. lg, two wire leads 1.500 in. lg. Dwg CE120-1, 26769 P/N RML47EF1.	
A3A1C15		SAME AS A2C7.	
A3A1C16		SAME AS A3A1C10.	
A3A1C17		SAME AS A3A1C11.	
A3A1C18		SAME AS A2C7.	
A3A1C19		CAPACITOR: MIL type CS13BE476K.	
A3A1C20		SAME AS A2C7.	
A3A1C21		SAME AS A2C3.	
A3A1C22		SAME AS A2C7.	
A3A1C23		SAME AS A2C3.	
A3A1C24		SAME AS A3C3.	
A3A1C25		SAME AS A2C3.	
A3A1C26		SAME AS A2C7.	
A3A1C27		SAME AS A2C3.	
A4A1C28		SAME AS A2C3.	
A3A1C29		CAPACITOR, FIXED, MICA: 3,900 uuf, $\pm 1\%$, 500 wvdc, 0.680 lg, 0.540 in. wd, 0.270 in. thk. 82679 P/N CM112F392F5S..	
A3A1C30		SAME AS A3A1C29.	
A3A1C31		SAME AS A2C3.	
A3A1C32		SAME AS A2C7.	
A3A1C33		SAME AS A2C3.	
A3A1C34		SAME AS A2C3.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3A1C34		SAME AS A2C3.	
A3A1C35		SAME AS A2C7.	
A3A1C36		SAME AS A2C3.	
A3A1C37		SAME AS A2C3.	
A3A1C38		SAME AS A2C7.	
A3A1C39		SAME AS A2C3.	
A3A1C40		SAME AS A2C3.	
A3A1C41		SAME AS A2C3.	
A3A1C42		CAPACITOR: MIL type CS13BE106K.	
A3A1C43		SAME AS A2C3.	
A3A1C44		SAME AS A2C3.	
A3A1C45		SAME AS A3A1C42.	
A3A1C46		SAME AS A2C3.	
A3A1C47		CAPACITOR: MIL type CS13BE225K.	
A3A1L1		COIL, RF, FIXED: 1000 uh, Q=65 at 0.79 Mhz. 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-102.	
A3A1L2		SAME AS A3A1L1.	
A3A1L3		SAME AS A3A1L1.	
A3A1L4		SAME AS A3A1L1.	
A3A1L5		COIL, RF, FIXED: 100 uh, Q=52 at 2.5 Mhz. 0.157 in. dia, 0.395 in lg. 82679 P/N CL433-101.	
A3A1L6		COIL, RF, FIXED: 330 uh, Q=54 at 0.79 Mhz. 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-331.	
A3A1L7		SAME AS A3A1L1.	
A3A1L8		SAME AS A3A1L1.	
A3A1L9		SAME AS A3A1L1.	
A3A1L10		SAME AS A3A1L1.	
A3A1L11		COIL, RF, FIXED: 15 uh, Q=65 at 2.5 Mhz, 0.400 in. dia, 0.500 in. lg. Dwg CL430-3, 72259. P/N VIV-15.0.	
A3A1L12		SAME AS A3A1L5.	
A3A1L13		SAME AS A3A1L5.	
A3A1Q1 thru			
A3A1Q7		TRANSISTOR: MIL type 2N706A.	
A3A1Q8		TRANSISTOR: MIL type 2N4352.	
A3A1Q9		SAME AS A3A1Q1.	
A3A1Q10		SAME AS A2Q4.	
A3A1Q11		SAME AS A3A1Q1.	
A3A1Q12		same as a3A1Q1.	
A3A1Q13		SAME AS A3A1Q1.	
A3A1Q14		SAME AS A2Q4.	
A3A1Q15		SAME AS A3A1Q1.	
A3A1Q16		SAME AS A3A1Q1.	
A3A1Q17		SAME AS A2Q4.	
A3A1Q18		SAME AS A3A1Q1.	
A3A1Q19		SAME AS A3A1Q1.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3A1Q20		SAME AS A3A1Q1.	
A3A1Q21		SAME AS A2Q4.	
A3A1Q22		SAME AS A3A1Q1.	
A3A1Q23		SAME AS A3A1Q1.	
A3A1Q24		SAME AS A2Q4.	
A3A1Q25		SAME AS A3A1Q1.	
A3A1Q26		SAME AS A3A1Q1.	
A3A1Q27		TRANSISTOR: MIL type 3N128.	
A3A1R1		RESISTOR: MIL type RC07GF470J.	
A3A1R2.		SAME AS A3R23.	
A3A1R3		RESISTOR: MIL type RC07GF103J.	
A3A1R4		RESISTOR: MIL TYPE RC07GF472J.	
A3A1R5		SAME AS A2R18.	
A3A1R6		RESISTOR: MIL type RC07GF102J.	
A3A1R7		SAME AS A3A1R3.	
A3A1R8		SAME AS A3R18.	
A3A1R9		SAME AS A3A1R4.	
A3A1R10		SAME AS A3A1R6.	
A3A1R11		SAME AS A3A1R3.	
A3A1R12		SAME AS A3A1R6.	
A3A1R13		SAME AS A3R10.	
A3A1R14		SAME AS A2R10.	
A3A1R15		SAME AS A3A1R3.	
A3A1R16		SAME AS A3A1R4.	
A3A1R17		SAME AS A3A1R1.	
A3A1R18		SAME AS A2R18.	
A3A1R19		SAME AS A3A1R6.	
A3A1R20		SAME AS A3A1R3.	
A3A1R21		SAME AS A3A1R4.	
A3A1R22		SAME AS A2R18.	
A3A1R23		SAME AS A3A1R6.	
A3A1R24		SAME AS A3A1R3.	
A3A1R25		SAME AS A3A1R6.	
A3A1R26		SAME AS A3A1R6.	
A3A1R27		SAME AS A3A1R3.	
A3A1R28		SAME AS A3A1R3.	
A3A1R29		SAME AS A3A1R3.	
A3A1R30		RESISTOR, VARIABLE, WIRE WOUND: 10,000 ohm, \pm 20% tol. 0.250 in. dia by 0.250 in. hg. PC type mount- ing pins. Dwg RV126-61P103, 80740 P/N 61P103.	
A3A1R31		SAME AS A3A1R4.	
A3A1R32		SAME AS A3A1R4.	
A3A1R33		SAME AS A3A1R3.	
A3A1R34		RESUSTIRL MIL type RC07GF473J.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3AIR35		SAME AS A2R5.	
A3AIR36		RESISTOR: MIL type RC07GF104J.	
A3AIR37		RESISTOR, VARIABLE, WIRE WOUND: 50,000 ohms, + 20% tol. 0.250 in. dia by 0.250 in. hg. PC type mount- ing pins. Dwg RV126-61P503. 80740 P/N 61P503.	
A3AIR38		SAME AS A3AIR3.	
A3AIR39		SAME AS A3AIR3.	
A3AIR40		SAME AS A3AIR6.	
A3AIR41		SAME AS A3AIR3.	
A3AIR42		RESISTOR: MIL type RC07GF105J.	
A3AIR43		SAME AS A3AIR42.	
A3AIR44		RESISTOR: MIL type RC07GF223J.	
A3AIR45		SAME AS A2R5.	
A3AIR46		SAME AS A3AIR34.	
A3AIR47		SAME AS A3AIR44.	
A3AIR48		RESISTOR, VARIABLE, WIRE WOUND: 100,000 ohms, + 20% tol. 0.250 in. dia by 0.250 in. hg. PC type mount- ing pins. Dwg RV126-61P104. 80740 P/N 61P104.	
A3AIR49		RESISTOR: MIL type RC07GF333J.	
A3AIR50		SAME AS A3AIR4.	
A3AIR51		SAME AS A3AIR3.	
A3AIR52		SAME AS A2R5.	
A3AIR53		SAME AS A3AIR3.	
A3AIR54		SAME AS A3AIR44.	
A3AIR55		RESISTOR: MIL type RC07GF681J.	
A3AIR56		SAME AS A3AIR48.	
A3AIR57		SAME AS A3AIR36.	
A3AIR58		SAME AS A3AIR3.	
A3AIR59		SAME AS A3AIR4.	
A3AIR60		SAME AS A3AIR6.	
A3AIR61		SAME AS A2R7.	
A3AIR62		SAME AS A2R14.	
A3AIR63		SAME AS A3AIR3.	
A3AIR64		SAME AS A3AIR3.	
A3AIR65		SAME AS A3AIR3.	
A3AIR66		SAME AS A3AIR4.	
A3AIR67		SAME AS A3AIR4.	
A3AIR68		SAME AS A3AIR4.	
A3AIR69		SAME AS A3AIR4.	
A3AIR70		SAME AS A3R73.	
A3AIR71		SAME AS A3R10.	
A3AIR72		SAME AS A3AIR39.	
A3AIR73		SAME AS A3AIR3.	
A3AIR74		SAME AS A3AIR4.	
A3AIR75		SAME AS A3AIR6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3A1R76		SAME AS A2R7.	
A3A1R77		SAME AS A2R14.	
A3A1R78		SAME AS A3A1R3.	
A3A1R79		SAME AS A3A1R3.	
A3A1R80		SAME AS A3A1R55.	
A3A1R81		SAME AS A3A1R3.	
A3A1R82		SAME AS A3A1R4.	
A3A1R83		SAME AS A3A1R4.	
A3A1R84		SAME AS A3A1R4.	
A3A1R85		SAME AS A3A1R44.	
A3A1R86		SAME AS A3A1R3.	
A3A1R87		SAME AS A3A1R3.	
A3A1R88		SAME AS A2R2.	
A3A1R89		SAME AS A2R7.	
A3A1R90		SAME AS A3A1R4.	
A3A1R91		SAME AS A3A1R4.	
A3A1R92		SAME AS A3A1R55.	
A3A1R93		SAME AS A2R5.	
A3A1R94		SAME AS A2R15.	
A3A1R95		RESISTOR: MIL Type RC20GF221J.	
A3A1R96		SAME AS A3A1R3.	
A3A1R97		SAME AS A3A1R3.	
A3A1R98		SAME AS A3R5.	
A3A1R99		SAME AS A3A1R3.	
A3A1R100		SAME AS A3A1R3.	
A3A1R101		SAME AS A3A1R55.	
A3A1R102		SAME AS A3R23.	
A3A1R103		SAME AS A2R23.	
A3A1R104		SAME AS A3A1R4.	
A3A1R105		SAME AS A3A1R4.	
A3A1R106		SAME AS A3A1R4.	
A3A1R107		SAME AS A2R10.	
A3A1VR1		SEMICONDUCTOR DEVICE: MIL type IN751A.	
A3A1Z1		INTEGRATED CIRCUIT, POSITIVE NAND GATE: 14 pins, plastic case. 4.75 to 5.25 supply v. 0.770 in. lg by 0.250 in. wd by 0.220 in. hg. 82679 P/N NW176.	
A3A1Z2 thru A3A1Z5 A3A1Z6		SAME AS A3A1Z1. INTEGRATED CIRCUIT, MASTER - SLAVE FLIP FLOP: 14 pins, plastic case. Supply voltage 4.75 v to 5.25 v. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW159.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A3A1Z7		INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER: 8 pins metal case. Supply voltage <u>+18</u> V. 0.375 in. dia by 0.187 in. hg. 82679 P/N NW156.	
A3A1Z8		SAME AS A3A1Z7.	
A4		1 MC SELECTOR: 1 circuit card assembly, 2 RF shields, 10.000 in. lg by 4.562 in. wd by 1 in. hg 82679 P/N AX5020.	
A4E1		SAME AS A3E1.	
A4E2		SAME AS A3E2.	
A4A1		CIRCUIT CARD ASSEMBLY: 137 resistors, 124 capacitors, 28 coils, 6 integrated circuits, 12 crystals, 34 transistors, plug-in item, p/o AX5020; 10.000 in. lg by 4.375 in. wd by 0.750 in. hg; 82679 P/N A4689	
A4A1C1		SAME AS A2C3.	
A4A1C2		SAME AS A2C3.	
A4A1C3		SAME AS A3C3.	
A4A1C4		SAME AS A2C3.	
A4A1C5		SAME AS A2C7.	
A4A1C6		SAME AS A2C7.	
A4A1C7		SAME AS A2C7.	
A4A1C8		SAME AS A2C3.	
A4A1C9		SAME AS A2C7.	
A5A1C10		SAME AS A2C3.	
A4A1C11		CAPACITOR, FIXED, MICA: 510 uuf, <u>+2%</u> , 500 vwdc, 0.490 in. lg, 0.420 in. wd. 0.240 in. thk. 82679 P/N CM111F511G5S.	
A4A1C12		CAPACITOR, FIXED, MICA: 330 uuf, <u>+2%</u> tol, 500 vwdc, 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F331G5S.	
A4A1C13		CAPACITOR, FIXED, CERAMIC: 10,000 uuf, <u>+20%</u> , 100 vwdc, 0.344 in. dia, 0.125 in. thk. 0.250 in. lead spacing. 82679 P/N CC100-43.	
A4A1C14		SAME AS A4A1C13.	
A4A1C15		CAPACITOR, FIXED, MICA: 470 uuf, <u>+2%</u> , 500 vwdc, 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F471G5S.	
A4A1C16		CAPACITOR, FIXED, MICA: 820 uuf, <u>+2%</u> , 300 vwdc, 0.540 in. lg, 0.490 in. wd, 0.198 in. thk. 82679 P/N CM111F821G5S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4A1C21		SAME AS A4A1C13.	
A4A1C22		SAME AS A4A1C15.	
A4A1C23		SAME AS A4A1C16.	
A4A1C24		SAME AS A4A1C13.	
A4A1C25		SAME AS A4A1C13.	
A4A1C26		SAME AS A4A1C12.	
A4A1C27		SAME AS A4A1C13.	
A4A1C28		SAME AS A4A1C13.	
A4A1C29		CAPACITOR, FIXED, MICA: 680 uuf, $\pm 2\%$, 300 wvdc. 0.640 in. lg 0.591, in. wd, 0.198 in. thk. 82679 P/N CM111F681G3S.	
A4A1C30		SAME AS A4A1C12.	
A4A1C31		SAME AS A4A1C13.	
A4A1C32		SAME AS A4A1C11.	
A4A1C33		SAME AS A4A1C12.	
A4A1C34		SAME AS A4A1C13.	
A4A1C35		SAME AS A4A1C13.	
A4A1C36		SAME AS A4A1C29.	
A4A1C37		SAME AS A4A1C12.	
A4A1C38		SAME AS A4A1C13.	
A4A1C39		SAME AS A4A1C13.	
A4A1C40		SAME AS A4A1C13.	
A4A1C41		CAPACITOR, FIXED, MICA: 910 uuf, $\pm 2\%$ tol, 100 wvdc 0.640 in. lg, 0.591 in. wd, 0.198 in. thk. 82679 P/N CM111F911G1S.	
A4A1C42		CAPACITOR, FIXED, MICA: 8200 uuf $\pm 1\%$ tol, 300 wvdc. 0.790 in. lg 0.570 in. wd, 0.340 in. thk. 82679, P/N CM112F822F1S.	
A4A1C43		SAME AS A4A1C41.	
A4A1C44		same as a4A1C13.	
A4A1C45		SAME AS A2C3.	
A4A1C46		SAME AS A4A1C13.	
A4A1C47		CAPACITOR, FIXED, CERAMIC: 1,000 uuf GMV 500 wvdc 0.310 in. dia, 0.156 in. thk, 0.250 in. lead spac- ing. 82679 P/N CC100-29.	
A4A1C49		SAME AS A4A1C12.	
A4A1C48		SAME AS A4A1C13.	
A4A1C50		SAME AS A4A1C13.	
A4A1C51		SAME AS A4A1C29.	
A4A1C52		SAME AS A4A1C29.	
A4A1C53		SAME AS A4A1C13.	
A4A1C54		SAME AS A4A1C11.	
A4A1C55		SAME AS A4A1C12.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4A1C56		SAME AS A4A1C13.	
A4A1C57		SAME AS A4A1C13.	
A4A1C58		SAME AS A4A1C29.	
A4A1C59		SAME AS A4A1C29.	
A4A1C60		SAME AS A4A1C13.	
A4A1C61		SAME AS A4A1C13.	
A4A1C62		SAME AS A2C3.	
A4A1C63		SAME AS A4A1C12.	
A4A1C64		SAME AS A4A1C13.	
A4A1C65		SAME AS A4A1C13.	
A4A1C66		SAME AS A4A1C12.	
A4A1C67		SAME AS A4A1C29.	
A4A1C68		SAME AS A4A1C13.	
A4A1C69		SAME AS A4A1C11.	
A4A1C70		SAME AS A4A1C12.	
A4A1C71		SAME AS A4A1C13.	
A4A1C72		SAME AS A4A1C13.	
A4A1C73		SAME AS A4A1C12.	
A4A1C74		SAME AS A4A1C29.	
A4A1C75		SAME AS A4A1C13.	
A4A1C76		SAME AS A2C3.	
A4A1C77		SAME AS A4A1C13.	
A4A1C78		SAME AS A4A1C12.	
A4A1C79		SAME AS A4A1C13.	
A4A1C80		SAME AS A4A1C16.	
A4A1C81		SAME AS A4A1C16.	
A4A1C82		CAPACITOR, FIXED, MICA: 270 uuf, +5% tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd., 0.170 in. thk. 82679 P/N CM111E271J5S.	
A4A1C83		SAME AS A4A1C13.	
A4A1C84		SAME AS A4A1C11.	
A4A1C85		SAME AS A4A1C12.	
A4A1C86		SAME AS A4A1C13.	
A4A1C87		SAME AS A4A1C13.	
A4A1C88		SAME AS A4A1C16.	
A4A1C89		SAME AS A4A1C83.	
A4A1C90		SAME AS A4A1C13.	
A4A1C91		SAME AS A2C3.	
A4A1C92		SAME AS A4A1C13.	
A4A1C93		SAME AS A4A1C13.	
A4A1C94		SAME AS A4A1C12.	
A4A1C95		SAME AS A4A1C13.	
A4A1C96		SAME AS A4A1C13.	
A4A1C97		SAME AS A4A1C13.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4A1C98		SAME AS A4A1C12.	
A4A1C99		SAME AS A4A1C13.	
A4A1C100		SAME AS A4A1C11.	
A4A1C101		SAME AS A4A1C12.	
A4A1C102		SAME AS A4A1C13.	
A4A1C103		SAME AS A4A1C13.	
A4A1C104		SAME AS A4A1C29.	
A4A1C105		SAME AS A4A1C12.	
A4A1C106			
THRU			
A4A1C111		SAME AS A4A1C13.	
A4A1C112		CAPACITOR, FIXED, MICA: 22 uuf, $\pm 5\%$, 500 wvdc. 0.440 in. lg. 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111E220J5S.	
A4A1C113		CAPACITOR, FIXED, MICA: 68 uuf, $\pm 1\%$ tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111E680F5S.	
A4A1C114		SAME AS A4A1C112.	
A4A1C115		SAME AS A4A1C13.	
A4A1C116		SAME AS A2C3.	
A4A1C117		SAME AS A2C7.	
A4A1C118		CAPACITOR, FIXED, MICA: 10 uuf, $\pm 5\%$ tol, 500 wvdc 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F100J5S.	
A4A1C119		CAPACITOR, FIXED, MICA: 39 uuf, $\pm 5\%$ tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111E390J5S.	
A4A1C120		SAME AS A4A1C118.	
A4A1C121		SAME AS A4A1C13.	
A4A1C122		SAME AS A2C3.	
A4A1C123		SAME AS A4A1C13.	
A4A1C124		SAME AS A4A1C13.	
A4A1L1		COIL, RF, FIXED: 68 uf, Q=51 at 2.5 Mhz, 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-680.	
A4A1L2		SAME AS A4A1L1.	
A4A1L3		COIL, RF, FIXED: 0.68 uh, Q=100 at 25 Mh, 0.400 in. dia, 0.500 in. lg. Dwg CL430-2, 72259 P/N VIV-0.68.	
A4A1L4		SAME AS A4A1L3.	
A4A1L5		SAME AS A4A1L3.	
A4A1L6		SAME AS A4A1L3.	
A4A1L7		NOT USED.	
A4A1L8		SAME AS A4A1L1.	
A4A1L9		SAME AS A4A1L3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4A1L10		SAME AS A4A1L3.	
A4A1L11		SAME AS A4A1L1.	
A4A1L12		SAME AS A4A1L1.	
A4A1L13		SAME AS A4A1L3.	
A4A1L14		SAME AS A4A1L3.	
A4A1L15		SAME AS A4A1L3.	
A4A1L16		COIL, RF, FIXED: 0.47 uh, 0-100 at 25 MHz. 0.400 in. dia, 0.500 in. lg. Dwg CL430-1, 72259 P/N VIV-0.47.	
A4A1L17		SAME AS A4A1L1.	
A4A1L18		SAME AS A4A1L16.	
A4A1L19		SAME AS A4A1L16.	
A4A1L20		SAME AS A4A1L16.	
A4A1L21			
THRU			
A4A1L25		SAME AS A4A1L1.	
A4A1L26		COIL, RF, FIXED: 33 uh, Q=46 at 25 Mhz. 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-330.	
A4A1L27		SAME AS A4A1L26.	
A4A1L28		COIL, RF, FIXED: 15 uh, Q=44 at 2.5 Mhz. 0.157 in. dia, 0.395 in. lg. 82679 P/n CL433-150.	
A4A1L29		SAME AS A4A1L28.	
A4A1Q1		SAME AS A2Q3.	
A4A1Q2			
THRU			
A4A1Q12		TRANSISTOR: MIL type 2N918.	
A4A1Q13		SAME AS A2Q3.	
A4A1Q14		SAME AS A4A1Q2.	
A4A1Q15			
THRU			
A4A1Q20		SAME AS A4A1Q2.	
A4A1Q21			
THRU			
A4A1Q32		SAME AS A4A1Q2.	
A4A1Q33		SAME AS A2Q3.	
A4A1Q34		SAME AS A3A1R3.	
A4A1R1		SAME AS A3A1R3.	
A4A1R2		SAME AS A3A1R6.	
A4A1R3		SAME AS A3A1R6.	
A4A1R4		SAME AS A2R15.	
A4A1R5		SAME AS A2R14.	
A4A1R6		SAME AS A3A1R36.	
A4A1R7		SAME AS A2R15.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4A1R8		SAME AS A3A1R6.	
A4A1R9		SAME AS A3A1R6.	
A4A1R10		SAME AS A3A1R6.	
A4A1R11		SAME AS A3A1R3.	
A4A1R12		SAME AS A3A1R4.	
A4A1R13		NOT USED.	
A4A1R14		NOT USED.	
A4A1R15		SAME AS A3A1R1.	
A4A1R16		SAME AS A3A1R6.	
A4A1R17		SAME AS A2R15.	
A4A1R18		SAME AS A3A1R3.	
A4A1R19		SAME AS A3A1R3.	
A4A1R20		SAME AS A3A1R4.	
A4A1R21		SAME AS A3A1R6.	
A4A1R22		SAME AS A3A1R1.	
A4A1R23		NOT USED.	
A4A1R24		SAME AS A3A1R6.	
A4A1R25		SAME AS A2R15.	
A4A1R26		SAME AS A3A1R3.	
A4A1R27		SAME AS A3A1R4.	
A4A1R28		SAME AS A3A1R4.	
A4A1R29		SAME AS A2R14.	
A4A1R30		SAME AS A2R15.	
A4A1R31		SAME AS A2R23.	
A4A1R32		SAME AS A3A1R1.	
A4A1R33		SAME AS A3A1R6.	
A4A1R34		SAME AS A3A1R3.	
A4A1R35		SAME AS A2R15.	
A4A1R36		SAME AS A3A1R3.	
A4A1R37		SAME AS A3A1R4.	
A4A1R38		SAME AS A2R14.	
A4A1R39		SAME AS A3A1R3.	
A4A1R40		SAME AS A3A1R6.	
A4A1R41		SAME AS A3A1R3.	
A4A1R42		SAME AS A2R15.	
A4A1R43		SAME AS A3A1R4.	
A4A1R44		SAME AS A3A1R4.	
A4A1R45		SAME AS A2R14.	
A4A1R46		SAME AS A2R14.	
A4A1R47		SAME AS A3A1R4.	
A4A1R48		SAME AS A2R14.	
A4A1R49		SAME AS A2R14.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4A1R50		SAME AS A3A1R6.	
A4A1R51		SAME AS A2R5.	
A4A1R52		SAME AS A3A1R6.	
A4A1R53		SAME AS A3A1R4.	
A4A1R54		SAME AS A3A1R4.	
A4A1R55		SAME AS A2R14.	
A4A1R56		SAME AS A3A1R1.	
A4A1R57		SAME AS A3A1R6.	
A4A1R58		SAME AS A3A1R3.	
A4A1R59		SAME AS A2R15.	
A4A1R60		SAME AS A3A1R3.	
A4A1R61		SAME AS A3A1R4.	
A4A1R62		SAME AS A3A1R6.	
A4A1R63		SAME AS A2R14.	
A4A1R64		SAME AS A3A1R1.	
A4A1R65		SAME AS A3A1R6.	
A4A1R66		SAME AS A3A1R3.	
A4A1R67		SAME AS A2R15.	
A4A1R68		SAME AS A3A1R4.	
A4A1R69		SAME AS A3A1R4.	
A4A1R70		SAME AS A2R14.	
A4A1R71		NOT USED.	
A4A1R72		SAME AS A3A1R4.	
A4A1R73		SAME AS A2R14.	
A4A1R74		SAME AS A3A1R1.	
A4A1R75		SAME AS A3A1R6.	
A4A1R76		SAME AS A3A1R3.	
A4A1R77		SAME AS A2R15.	
A4A1R78		SAME AS A3A1R3.	
A4A1R79		SAME AS A3A1R4.	
A4A1R80		SAME AS A3A1R6.	
A4A1R81		SAME AS A2R14.	
A4A1R82		SAME AS A3A1R1.	
A4A1R83		SAME AS A3A1R6.	
A4A1R84		SAME AS A3A1R3.	
A4A1R85		SAME AS A2R15.	
A4A1R86		SAME AS A3A1R4.	
A4A1R87		SAME AS A3A1R4.	
A4A1R88		SAME AS A2R14.	
A4A1R89		SAME AS A2R10.	
A4A1R90		SAME AS A3A1R4.	
A4A1R91		SAME AS A2R14.	
A4A1R92		SAME AS A2R14.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4A1R93		SAME AS A3A1R1.	
A4A1R94		SAME AS A3A1R6.	
A4A1R95		SAME AS A3A1R3.	
A4A1R96		SAME AS A2R15.	
A4A1R97		SAME AS A3A1R3.	
A4A1R98		SAME AS A3A1R4.	
A4A1R99		SAME AS A3A1R6.	
A4A1R100		SAME AS A2R14.	
A4A1R101		SAME AS A3A1R1.	
A4A1R102		SAME AS A3A1R6.	
A4A1R103		SAME AS A3A1R3.	
A4A1R104		SAME AS A2R15.	
A4A1R105		SAME AS A3A1R4.	
A4A1R106		SAME AS A3A1R4.	
A4A1R107		NOT USED.	
A4A1R108		SAME AS A2R14.	
A4A1R109		SAME AS A3A1R4.	
A4A1R110		SAME AS A2R14.	
A4A1R111		SAME AS A2R14.	
A4A1R112		SAME AS A3A1R1.	
A4A1R113		SAME AS A3A1R6.	
A4A1R114		SAME AS A3A1R3.	
A4A1R115		SAME AS A2R15.	
A4A1R116		SAME AS A3A1R3.	
A4A1R117		SAME AS A3A1R4.	
A4A1R118		SAME AS A3A1R6.	
A4A1R119		SAME AS A2R14.	
A4A1R120		SAME AS A3A1R1.	
A4A1R121		SAME AS A3A1R6.	
A4A1R122		SAME AS A3A1R3.	
A4A1R123		SAME AS A2R15.	
A4A1R124		SAME AS A3A1R4.	
A4A1R125		SAME AS A3A1R4.	
A4A1R126		SAME AS A2R14.	
A4A1R127		SAME AS A2R14.	
A4A1R128		SAME AS A2R23.	
A4A1R129		SAME AS A3A1R6.	
A4A1R130		SAME AS A2R18.	
A4A1R131		SAME AS A2R18.	
A4A1R132		SAME AS A2R14.	
A4A1R133		SAME AS A2R14.	
A4A1R134		SAME AS A2R23.	
A4A1R135		SAME AS A3A1R6.	
A4A1R136		SAME AS A2R18.	
A4A1R137		SAME AS A2R18.	
A4A1R138		SAME AS A2R14.	
A4A1R139		SAME AS A2R14.	
A4A1R140		SAME AS A2R23.	
A4A1R141		SAME AS A2R23.	
A4A1R142		SAME AS A3A1R6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4A1Y1		CRYSTAL UNIT, QUARTZ: 11.0 Mhz. 0.150 in. hg by 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-11R0.	
A4A1Y2		SAME AS A4A1Y1.	
A4A1Y3		CRYSTAL UNIT, QUARTZ: 14.0 Mhz. 0.510 in. hg, 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-14R0.	
A4A1Y4		SAME AS A4A1Y3.	
A4A1Y5		CRYSTAL UNIT, QUARTZ: 10.0 Mhz. 0.150 in. thk, 82679 P/N CR119-10R0.	
A4A1Y6		SAME AS A4A1Y5.	
A4A1Y7		CRYSTAL UNIT, QUARTZ: 12.0 Mhz. 0.510 in. hg, 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-12R0.	
A4A1Y8		SAME AS A4A1Y7.	
A4A1Y9		CRYSTAL UNIT, QUARTZ: 16.0 Mhz. 0.510 in. hg, 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-16R0.	
A4A1Y10		SAME AS A4A1Y9.	
A4A1Y11		CRYSTAL UNIT, QUARTZ: 17.0 Mhz. 0.510 in. hg, 0.400 in. wd 0.150 in. thk. 82679 P/N CR119-17R0.	
A4A1Y12		SAME AS A4A1Y11.	
A4A1Z1		INTEGRATED CIRCUIT, LOGIC: 14 pins, plastic Case NW162-3 82679.	
A4A1Z2		INTEGRATED CIRCUIT, DECADE COUNTER: 14 pins, plastic case. Supply voltage 4.75 v to 5.25 v. 0.770 in. lg by 0.250 in. wd by 0.200 in. hg. 82679 P/N NW134.	
A4A1Z3		SAME AS A3A1Z1.	
A4A1Z4		SAME AS A3A1Z1.	
A4A1Z5		INTEGRATED CIRCUIT, J-K FLIP FLOP: 14 pins, plastic case. Supply voltage 4.75 v to 5.25 v. 0.750 in. lg by 0.188 in. wd by 0.125 in. hg. 82679 P/N NW157.	
A4A1Z6		SAME AS A3A1Z6.	
A5		100 KC SELECTOR: 1 circuit card assembly 2 RF shields; 10.000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5021.	
A5E1		SAME AS A3E1.	
A5E2		SAME AS A3E2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1		CIRCUIT CARD ASSEMBLY: 167 resistors, 147 capacitors, 20 coils, 18 crystals, 1 integrated circuits 39 transistors, 1 semiconductors, plug-in item; 10.031 in. lg by 5.969 in. wd by 1 in. hg. 82679 P/N A4669.	
A5A1C1		SAME AS A2C3.	
A5A1C2		SAME AS A2C7.	
A5A1C3		SAME AS A2C3.	
A5A1C4		SAME AS A2C7.	
A5A1C5		SAME AS A2C7.	
A5A1C6		SAME AS A2C7.	
A5A1C7		CAPACITOR, FIXED, MICA: 470 uuf., <u>+2%</u> , 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F471G5S.	
A5A1C8		SAME AS A2C3.	
A5A1C9		SAME AS A4A1C11.	
A5A1C10		CAPACITOR, FIXED, MICA: 330 uuf, <u>+2%</u> tol, 100 wvdc. 0.440 in. lg, 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F332G1S.	
A5A1C11		SAME AS A4A1C13.	
A5A1C12		SAME AS A4A1C13.	
A5A1C13		CAPACITOR, FIXED, MICA: 680 uuf, <u>+2%</u> , 300 wvdc. 0.640 in. lg, 0.591 in. wd, 0.198 in. thk. 82679 P/N CM111F681G3S.	
A5A1C14		SAME AS A5A1C10.	
A5A1C15		SAME AS A4A1C13,	
A5A1C16		SAME AS A4A1C1.	
A5A1C17		SAME AS A4A1C13.	
A5A1C18		SAME AS A4A1C13.	
A5A1C19		SAME AS A4A1C13.	
A5A1C20		SAME AS A5A1C13.	
A5A1C21		SAME AS A5A1C13.	
A5A1C22		SAME AS A4A1C13.	
A5A1C23		SAME AS A4A1C13.	
A5A1C24		SAME AS A5A1C10.	
A5A1C25		SAME AS A4A1C13.	
A5A1C26		SAME AS A4A1C13.	
A5A1C27		SAME AS A5A1C13.	
A5A1C28		SAME AS A5A1C10.	
A5A1C29		SAME AS A4A1C13.	
A5A1C30		SAME AS A4A1C11.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1C31		SAME AS A5A1C11.	
A5A1C32		SAME AS A4A1C13.	
A5A1C33		SAME AS A4A1C13.	
A5A1C34		SAME AS A5A1C13.	
A5A1C35		SAME AS A5A1C10.	
A5A1C36		SAME AS A4A1C13.	
A5A1C37		SAME AS A4A1C13.	
A5A1C38		SAME AS A5A1C10.	
A5A1C39		SAME AS A4A1C13.	
A5A1C40		SAME AS A4A1C13.	
A5A1C41		SAME AS A5A1C13.	
A5A1C42		SAME AS A5A1C10.	
A5A1C43		SAME AS A4A1C13.	
A5A1C44		SAME AS A4A1C11.	
A5A1C45		SAME AS A5A1C10.	
A5A1C46		SAME AS A4A1C13.	
A5A1C47		SAME AS A4A1C13.	
A5A1C48		SAME AS A5A1C13.	
A5A1C49		SAME AS A5A1C10.	
A5A1C50		SAME AS A4A1C13.	
A5A1C51		SAME AS A4A1C13.	
A5A1C52		SAME AS A5A1C10.	
A5A1C53		SAME AS A4A1C13.	
A5A1C54		SAME AS A4A1C13.	
A5A1C55		SAME AS A5A1C13.	
A5A1C56		SAME AS A5A1C10.	
A5A1C57		SAME AS A4A1C13.	
A5A1C58		SAME AS A4A1C11.	
A5A1C59		SAME AS A5A1C10.	
A5A1C60		SAME AS A4A1C13.	
A5A1C61		SAME AS A4A1C13.	
A5A1C62		SAME AS A5A1C13.	
A5A1C63		SAME AS A4A1C13.	
A5A1C64		SAME AS A4A1C13.	
A5A1C65		SAME AS A5A1C10.	
A5A1C66		SAME AS A5A1C10.	
A5A1C67		SAME AS A4A1C13.	
A5A1C68		SAME AS A4A1C13.	
A5A1C69		SAME AS A5A1C13.	
A5A1C70		SAME AS A5A1C10.	
A5A1C71		SAME AS A4A1C13.	
A5A1C72		SAME AS A4A1C11.	
A5A1C73		SAME AS A5A1C10.	
A5A1C74		SAME AS A4A1C13.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1C75		SAME AS A4A1C13.	
A5A1C76		SAME AS A5A1C13.	
A5A1C77		SAME AS A5A1C10.	
A5A1C78		SAME AS A4A1C13.	
A5A1C79		SAME AS A4A1C13.	
A5A1C80		SAME AS A5A1C10.	
A5A1C81		SAME AS A4A1C13.	
A5A1C82		SAME AS A4A1C13.	
A5A1C83		SAME AS A5A1C13.	
A5A1C84		SAME AS A5A1C10.	
A5A1C85		SAME AS A4A1C13.	
A5A1C86		SAME AS A5A1C10.	
A5A1C87		SAME AS A5A1C10.	
A5A1C88		SAME AS A4A1C13.	
A5A1C89		SAME AS A4A1C13.	
A5A1C90		SAME AS A5A1C13.	
A5A1C91		SAME AS A5A1C10.	
A5A1C92		SAME AS A4A1C13.	
A5A1C93		SAME AS A4A1C13.	
A5A1C94		SAME AS A5A1C10.	
A5A1C95		SAME AS A4A1C13.	
A5A1C96		SAME AS A4A1C13.	
A5A1C97		SAME AS A5A1C13.	
A5A1C98		SAME AS A5A1C10.	
A5A1C99		SAME AS A4A1C13.	
A5A1C100		SAME AS A4A1C11.	
A5A1C101		SAME AS A4A1C10.	
A5A1C102		SAME AS A4A1C13.	
A5A1C103		SAME AS A4A1C13.	
A5A1C104		SAME AS A5A1C13.	
A5A1C105		SAME AS A5A1C10.	
A5A1C106		SAME AS A4A1C13.	
A5A1C107		SAME AS A4A1C13.	
A5A1C108		SAME AS A5A1C10.	
A5A1C109		SAME AS A4A1C13.	
A5A1C110		SAME AS A4A1C13.	
A5A1C111		SAME AS A5A1C13.	
A5A1C112		SAME AS A5A1C10.	
A5A1C113		SAME AS A4A1C13.	
A5A1C114		SAME AS A4A1C11.	
A5A1C115		SAME AS A5A1C10.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1C116		SAME AS A4A1C13.	
A5A1C117		SAME AS A4A1C13.	
A5A1C118		SAME AS A5A1C13.	
A5A1C119		SAME AS A5A1C10.	
A5A1C120		SAME AS A4A1C13.	
A5A1C121		NOT USED.	
A5A1C122		SAME AS A5A1C10.	
A5A1C123		SAME AS A4A1C13.	
A5A1C124		SAME AS A4A1C13.	
A5A1C125		SAME AS A5A1C13.	
A5A1C126		SAME AS A5A1C10.	
A5A1C127		SAME AS A4A1C13.	
A5A1C128		SAME AS A4A1C11.	
A5A1C129		SAME AS A5A1C10.	
A5A1C130		SAME AS A4A1C13.	
A5A1C131		SAME AS A4A1C13.	
A5A1C132		SAME AS A5A1C13.	
A5A1C133		SAME AS A5A1C10.	
A5A1C134		SAME AS A4A1C13.	
A5A1C135			
thru			
A5A1C145		SAME AS A4A1C13.	
A5A1C146		SAME AS A3A1C42.	
A5A1C147		SAME AS A3A1C42.	
A5A1C148		SAME AS A4A1C13.	
A5A1L1		COIL, RF, FIXED: 4700 uh, Q=44 at 0.25 MHz, 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-472.	
A5A1L2		SAME AS A4A1L26.	
A5A1L3		SAME AS A4A1L26.	
A5A1L4			
thru			
A5A1L20		SAME AS A4A1L16.	
A5A1Q1		SAME AS A2Q3.	
A5A1Q2		SAME AS A2Q3.	
A5A1Q3			
thru			
A5A1Q39		SAME AS A4A1Q2.	
A5A1R1		SAME AS A3A1R3.	
A5A1R2		SAME AS A3A1R6.	
A5A1R3		SAME AS A3A1R6.	
A5A1R4		SAME AS A2R15.	
A5A1R5		SAME AS A2R10.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1R6		SAME AS A3A1R6	
A5A1R7		SAME AS A3A1R6	
A5A1R8		SAME AS A3A1R95	
A5A1R9		SAME AS A2R18	
A5A1R10		SAME AS A2R23	
A5A1R11		SAME AS A2R8	
A5A1R12		SAME AS A3A1R6	
A5A1R13		SAME AS A3A1R6	
A5A1R14		SAME AS A2R23	
A5A1R15		SAME AS A3A1R1	
A5A1R16		SAME AS A3A1R6	
A5A1R17		SAME AS A3A1R3	
A5A1R18		SAME AS A2R15	
A5A1R19		SAME AS A3A1R3	
A5A1R20		SAME AS A3A1R4	
A5A1R21		SAME AS A2R14	
A5A1R22		SAME AS A3A1R6	
A5A1R23		SAME AS A3A1R1	
A5A1R24		SAME AS A3A1R6	
A5A1R25		SAME AS A3A1R3	
A5A1R26		SAME AS A2R15	
A5A1R27		SAME AS A3A1R4	
A5A1R28		SAME AS A3A1R4	
A5A1R29		SAME AS A2R14	
A5A1R30		SAME AS A2R14	
A5A1R31		SAME AS A3A1R1	
A5A1R32		SAME AS A3A1R6	
A5A1R33		SAME AS A3A1R3	
A5A1R34		SAME AS A2R15	
A5A1R35		SAME AS A3A1R3	
A5A1R36		SAME AS A3A1R4	
A5A1R37		SAME AS A3A1R6	
A5A1R38		SAME AS A2R14	
A5A1R39		SAME AS A3A1R1	
A5A1R40		SAME AS A3A1R6	
A5A1R41		SAME AS A3A1R3	
A5A1R42		SAME AS A2R1	
A5A1R43		SAME AS A3A1R4	
A5A1R44		SAME AS A3A1R4	
A5A1R45		SAME AS A2R14	
A5A1R46		SAME AS A2R14	
A5A1R47		SAME AS A3A1R1	
A5A1R48		SAME AS A3A1R6	
A5A1R49		SAME AS A3A1R3	
A5A1R50		SAME AS A2R15	
A5A1R51		SAME AS A3A1R3	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1R52		SAME AS A3A1R4.	
A5A1R53		SAME AS A3A1R6	
A5A1R54		SAME AS A3A1R6.	
A5A1R55		SAME AS A3A1R1.	
A5A1R56		SAME AS A3A1R6	
A5A1R57		SAME AS A3A1R3.	
A5A1R58		SAME AS A2R15.	
A5A1R59		SAME AS A3A1R4	
A5A1R60		SAME AS A3A1R4.	
A5A1R61		SAME AS A2R14.	
A5A1R62		SAME AS A2R14.	
A5A1R63		SAME AS A3A1R1.	
A5A1R64		SAME AS A3A1R6	
A5A1R65		SAME AS A3A1R3.	
A5A1R66		SAME AS A2R15.	
A5A1R67		SAME AS A3A1R3.	
A5A1R68		SAME AS A3A1R4.	
A5A1R69		SAME AS A3A1R6.	
A5A1R70		SAME AS A2R14.	
A5A1R71		SAME AS A3A1R1.	
A5A1R72		SAME AS A3A1R6.	
A5A1R73		SAME AS A3A1R3.	
A5A1R74		SAME AS A2R15.	
A5A1R75		SAME AS A3A1R4	
A5A1R76		SAME AS A3A1R4.	
A5A1R77		SAME AS A2R14.	
A5A1R78		SAME AS A2R14.	
A5A1R79		SAME AS A3A1R1.	
A5A1R80		SAME AS A3A1R6.	
A5A1R81		SAME AS A3A1R3.	
A5A1R82		SAME AS A2R15.	
A5A1R83		SAME AS A3A1R3.	
A5A1R84		SAME AS A3A1R4.	
A5A1R85		SAME AS A3A1R6.	
A5A1R86		SAME AS A2R14.	
A5A1R87		SAME AS A3A1R1.	
A5A1R88		SAME AS A3A1R6.	
A5A1R89		SAME AS A3A1R3.	
A5A1R90		SAME AS A2R15.	
A5A1R91		SAME AS A3A1R4.	
A5A1R92		SAME AS A3A1R4.	
A5A1R93		SAME AS A2R14.	
A5A1R94		SAME AS A2R14.	
A5A1R95		SAME AS A3A1R1.	
A5A1R96		SAME AS A3A1R6.	
A5A1R97		SAME AS A2R15.	
A5A1R98		SAME AS A3A1R3.	
A5A1R99		SAME AS A3A1R3	
A5A1R100		SAME AS A3A1R4	
A5A1R101		SAME AS A2R14.	
A5A1R102		SAME AS A3A1R6	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1R103		SAME AS A3A1R1.	
A5A1R104		SAME AS A3A1R6.	
A5A1R105		SAME AS A3A1R3.	
A5A1R106		SAME AS A2R15.	
A5A1R107		SAME AS A3A1R4.	
A5A1R108		SAME AS A3A1R4.	
A5A1R109		SAME AS A2R15.	
A5A1R110		SAME AS A2R14.	
A5A1R111		SAME AS A3A1R1.	
A5A1R112		SAME AS A3A1R6.	
A5A1R113		SAME AS A3A1R3.	
A5A1R114		SAME AS A2R15.	
A5A1R115		SAME AS A3A1R3.	
A5A1R116		SAME AS A3A1R4.	
A5A1R117		SAME AS A2R14.	
A5A1R118		SAME AS A3A1R6.	
A5A1R119		SAME AS A3A1R1.	
A5A1R120		SAME AS A3A1R6.	
A5A1R121		SAME AS A3A1R3.	
A5A1R122		SAME AS A2R15.	
A5A1R123		SAME AS A3A1R4.	
A5A1R124		SAME AS A3A1R4.	
A5A1R125		SAME AS A2R14.	
A5A1R126		SAME AS A2R14.	
A5A1R127		SAME AS A3A1R1.	
A5A1R128		SAME AS A3A1R6.	
A5A1R129		SAME AS A3A1R3.	
A5A1R130		SAME AS A2R15.	
A5A1R131		SAME AS A3A1R3.	
A5A1R132		SAME AS A3A1R4.	
A5A1R133		SAME AS A2R14.	
A5A1R134		SAME AS A3A1R6.	
A5A1R135		SAME AS A3A1R1.	
A5A1R136		SAME AS A3A1R6.	
A5A1R137		SAME AS A3A1R3.	
A5A1R138		SAME AS A2R15.	
A5A1R139		SAME AS A3A1R4.	
A5A1R140		SAME AS A3A1R4.	
A5A1R141		SAME AS A2R14.	
A5A1R142		SAME AS A2R14.	
A5A1R143		SAME AS A3A1R1.	
A5A1R144		SAME AS A3A1R6.	
A5A1R145		SAME AS A3A1R3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1R146		SAME AS A2R15.	
A5A1R147		SAME AS A3A1R3.	
A5A1R148		SAME AS A3A1R3.	
A5A1R149		SAME AS A2R14.	
A5A1R150		SAME AS A3A1R6.	
A5A1R151		SAME AS A3A1R1.	
A5A1R152		SAME AS A3A1R6.	
A5A1R153		SAME AS A3A1R3.	
A5A1R154		SAME AS A2R15.	
A5A1R155		SAME AS A3A1R4.	
A5A1R156		SAME AS A3A1R4.	
A5A1R157		SAME AS A2R14.	
A5A1R158		SAME AS A2R14.	
A5A1R159		SAME AS A2R23.	
A5A1R160 thru			
A5A1R167		SAME AS A2R23.	
A5A1VR1		SAME AS A3A1VR1.	
A5A1Y1		CRYSTAL UNIT, QUARTZ: 16.2 Mhz. 0.510 in. hg, 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-16R2.	
A5A1Y2		SAME AS A5A1Y1.	
A5A1Y3		CRYSTAL UNIT, QUARTZ: 16.6 Mhz. 0.510 in. lg, 0.400 in. wd, 0.150 in. thk. 82679, P/N CR119-16R6.	
A5A1Y4		SAME AS A5A1Y3.	
A5A1Y5		CRYSTAL UNIT, QUARTZ: 16.9 Mhz. 0.510 in. hg, 0.400 in. wd 0.150 in. thk. 82679 P/N CR119-16R9.	
A5A1Y6		SAME AS A5A1Y5.	
A5A1Y7		CRYSTAL UNIT, QUARTZ: 16.4 Mhz. 0.510 in. hg. 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-16R4.	
A5A1Y8		SAME AS A5A1Y7.	
A5A1Y9		CRYSTAL UNIT, QUARTZ: 16.1 Mhz. 0.510 in. hg. 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-16R1.	
A5A1Y10		SAME AS A5A1Y9.	
A5A1Y11		CRYSTAL UNIT, QUARTZ: 16.5 Mhz. 0.510 in. lg, 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-16R5.	
A5A1Y12		SAME AS A5A1Y11.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5A1Y13 A5A1Y14 A5A1Y15 A5A1Y16 A5A1Y17 A5A1Y18 A5A1Z1		CRYSTAL UNIT, QUARTZ: 16.8 Mhz. 0.510 in. hg, 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-16R8. SAME AS A5A1Y13. CRYSTAL UNIT, QUARTZ: 16.3 Mhz. 0.510 in. hg, 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119=16R3. SAME AS A5A1Y15. CRYSTAL UNIT, QUARTZ: 16.7 Mhz. 0.510 in. hg, 0.400 in. wd, 0.150 in. thk. 82679 P/N CR119-16R7. SAME AS A5A1Y17. SAME AS A4A1Z2.	
A6 A6E1 A6E2 A6A1		MATRIX 1: 1 circuit card assembly, 2 RF shields 10.000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5022. SAME AS A3E1. SAME AS A3E2. CIRCUIT CARD ASSEMBLY: 104 resistors, 94 capacitors, 23 coils, 22 integrated circuit, 24 transistors, plug-in item, p/o AX5022; 10.00 in. lg by 4.375 in. wd by 0.750 in. hg. 82679 P/N A4691.	
A6A1C1 A6A1C2 thru A6A1C61 A6A1C62 A6A1C63 A6A1C64		SAME AS A4A1C13. SAME AS A5A1C13. SAME AS A4A1C119. SAME AS A4A1C13. CAPACITOR, FIXED, MICA: 100 uf +5% tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F101J5S.	
A6A1C65 A6A1C66 A6A1C67 A6A1C68 A6A1C69 A6A1C70 A6A1C71 A6A1C72 A6A1C73 A6A1C74 thru A6A1C91		SAME AS A2C3. SAME AS A2C3. SAME AS A4A1C13. SAME AS A4A1C13. SAME AS A4A1C119. SAME AS A4A1C13. SAME AS A6A1C64. SAME AS A2C3. SAME AS A4A1C13. SAME AS A4A1C13.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6A1C92		SAME AS A2C7.	
A6A1C93		SAME AS A2C3.	
A6A1C94		CAPACITOR: MIL type CS13BE106K.	
A6A1L1		NOT USED.	
A6A1L2		COIL, RF, FIXED: 2.2 uh, Q=47 at 25 Mhz. 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-2R2.	
A6A1L3		SAME AS A4A1L1.	
A6A1L4		SAME AS A6A1L2.	
A6A1L5		SAME AS A4A1L1.	
thru			
A6A1L22		SAME AS A4A1L1.	
A6A1L23		COIL, RF, FIXED: 3.3 uh, Q=44 at 7.9 Mhz. 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-3R3.	
A6A1L24		COIL, RF, FIXED: 1.0 uh, Q=47 at 25 Mhz. 0.157 in. dia, 0.395 lg. 82679 P/N CL433-1R0.	
A6A1Q1		SAME AS A4A1Q2.	
thru			
A6A1Q24		SAME AS A4A1Q2.	
A6A1R1		SAME AS A3A1R1.	
A6A1R2		SAME AS A3A1R6.	
A6A1R3		SAME AS A2R15.	
A6A1R4		SAME AS A3A1R6.	
A6A1R5		SAME AS A2R23.	
A6A1R6.		SAME AS A3A1R3.	
A6A1R7		SAME AS A3A1R6.	
A6A1R8		SAME AS A2R14.	
A6A1R9		SAME AS A3A1R1.	
A6A1R10		SAME AS A3A1R1.	
A6A1R11		SAME AS A3A1R6.	
A6A1R12		SAME AS A2R15.	
A6A1R13		SAME AS A3A1R6.	
A6A1R14		SAME AS A2R23.	
A6A1R15		SAME AS A3A1R3.	
A6A1R16		SAME AS A3A1R6.	
A6A1R17		SAME AS A2R14.	
A6A1R18		SAME AS A3A1R1.	
A6A1R19		SAME AS A3A1R1.	
A6A1R20		SAME AS A3A1R1.	
A6A1R21		SAME AS A2R15.	
A6A1R22		SAME AS A3A1R3.	
A6A1R23		SAME AS A2R23.	
A6A1R24		SAME AS A3A1R3.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6A1R25		SAME AS A3A1R6.	
A6A1R26		SAME AS A2R14.	
A6A1R27		SAME AS A3A1R1.	
A6A1R28		SAME AS A3A1R1.	
A6A1R29		SAME AS A3A1R1.	
A6A1R30		SAME AS A2R15.	
A6A1R31		SAME AS A3A1R6.	
A6A1R32		SAME AS A2R23.	
A6A1R33		SAME AS A3A1R3.	
A6A1R34		SAME AS A3A1R6.	
A6A1R35		SAME AS A2R14.	
A6A1R36		SAME AS A3A1R1.	
A6A1R37		SAME AS A2R15.	
A6A1R38		SAME AS A2R15.	
A6A1R39		SAME AS A3A1R6.	
A6A1R40		SAME AS A2A1R6.	
A6A1R41		SAME AS A2R23.	
A6A1R42		SAME AS A3A1R3.	
A6A1R43		SAME AS A3A1R6.	
A6A1R44		SAME AS A2R14.	
A6A1R45		SAME AS A3A1R1.	
A6A1R46		SAME AS A3A1R1.	
A6A1R47		SAME AS A2R15.	
A6A1R48		SAME AS A3A1R6.	
A6A1R49		SAME AS A3A1R6.	
A6A1R50		SAME AS A2R23.	
A6A1R51		SAME AS A3A1R3.	
A6A1R52		SAME AS A3A1R6.	
A6A1R53		SAME AS A2R14.	
A6A1R54		SAME AS A3A1R1.	
A6A1R55		SAME AS A3A1R1.	
A6A1R56		SAME AS A2R15.	
A6A1R57		SAME AS A3A1R6.	
A6A1R58		SAME AS A3A1R6.	
A6A1R59		SAME AS A2R23.	
A6A1R60		SAME AS A3A1R3.	
A6A1R61		SAME AS A3A1R6.	
A6A1R62		SAME AS A2R14.	
A6A1R63		SAME AS A3A1R1.	
A6A1R64		SAME AS A3A1R1.	
A6A1R65		SAME AS A2R15.	
A6A1R66		SAME AS A3A1R6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6A1R67		SAME AS A3A1R6.	
A6A1R68		SAME AS A2R23.	
A6A1R69		SAME AS A3A1R3.	
A6A1R70		SAME AS A3A1R6.	
A6A1R71		SAME AS A2R14.	
A6A1R72		SAME AS A3A1R1.	
A6A1R73		SAME AS A3A1R1.	
A6A1R74		SAME AS A2R15.	
A6A1R75		SAME AS A3A1R6.	
A6A1R76		SAME AS A3A1R6.	
A6A1R77		SAME AS A2R23.	
A6A1R78		SAME AS A2A1R3.	
A6A1R79		SAME AS A3A1R6.	
A6A1R80		SAME AS A2R14.	
A6A1R81		SAME AS A3A1R1.	
A6A1R82		SAME AS A3A1R1.	
A6A1R83		SAME AS A2R15.	
A6A1R84		SAME AS A3A1R6.	
A6A1R85		SAME AS A3A1R6.	
A6A1R86		SAME AS A2R23.	
A6A1R87		SAME AS A3A1R3.	
A6A1R88		SAME AS A3A1R6.	
A6A1R89		SAME AS A2R14.	
A6A1R90		SAME AS A3A1R1.	
A6A1R91		SAME AS A3A1R6.	
A6A1R92		SAME AS A3A1R6.	
A6A1R93		SAME AS A2R6.	
A6A1R94		SAME AS A3R15.	
A6A1R95		SAME AS A2R23.	
A6A1R96		SAME AS A3A1R4.	
A6A1R97		SAME AS A3A1R4.	
A6A1R98		SAME AS A2R10.	
A6A1R99		SAME AS A2R6.	
A6A1R100		SAME AS A2R15.	
A6A1R101		SAME AS A2R23.	
A6A1R102		SAME AS A3A1R4.	
A6A1R103		SAME AS A3A1R4.	
A6A1R104		SAME AS A2R10.	
A6A1Z1		INTEGRATED CIRCUIT, LOGIC: 14 pins, plastic case. 82679 P/N NW162-1.	
A6A1Z2		INTEGRATED CIRCUIT, LOGIC: 14 pins, plastic case. 82679 P/N NW162-2.	
A6A1Z3		SAME AS A6A1Z1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6A1Z4 A6A1Z5 thru		SAME AS A6A1Z2.	
A6A1Z14 A6A1Z15		SAME AS A3A1Z1. INTEGRATED CIRCUIT, QUAD 2 INPUT NAND GATE: 12 pins, plastic case. Propagation delay; 35 nsec. Power dissipation; 88 MW. 0.750 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW167.	
A6A1Z16		SAME AS A6A1Z15.	
A6A1Z17		SAME AS A6A1Z15.	
A6A1Z18 thru		SAME AS A6A1Z15.	
A6A1Z20		SAME AS A5A1Z15.	
A6A1Z21		SAME AS A3A1Z1.	
A6A1Z22		SAME AS A3A1Z1.	
A7		SAME AS A6.	
A8		MATRIX 3: 1 circuit card assembly, 2 RF shields, 10.000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5023.	
A8E1		SAME AS A3E1.	
A8E2		SAME AS A3E2.	
A8A1		CIRCUIT CARD ASSEMBLY: 156 resistors, 101 capacitors 7 coils, 13 integrated circuits, 10 crystals, 31 tran- sistors, plug-in item; p/o AX5023; 10.000 in. lg by 4.375 in. wd by 0.750 in hg. 82679 P/N A4692.	
A8A1C1		SAME AS A5A1C13.	
A8A1C2		SAME AS A4A1C13.	
A8A1C3		SAME AS A5A1C10.	
A8A1C4		CAPACITOR, FIXED, MICA: 220 uuf, <u>+5%</u> , 500 wvdc, 0.440 in. lg. 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F221G5S.	
A8A1C5		SAME AS A4A1C13.	
A8A1C6 thru A8A1C10		SAME AS A4A1C13.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8A1C11		SAME AS A5A1C10.	
A8A1C12		SAME AS A8A1C4.	
A8A1C13			
thru			
A8A1C18		SAME AS A4A1C13.	
A8A1C19		SAME AS A5A1C10.	
A8A1C20		SAME AS A8A1C4.	
A8A1C21		SAME AS A4A1C13.	
thru			
A8A1C26		SAME AS A4A1C13.	
A8A1C27		SAME AS A5A1C10.	
A8A1C28		SAME AS A8A1C4.	
A8A1C29			
thru			
A8A1C34		SAME AS A4A1C13.	
A8A1C35		SAME AS A5A1C10.	
A8A1C36		SAME AS A8A1C4.	
A8A1C37		SAME AS A4A1C13.	
A8A1C38			
thru			
A8A1C42		SAME AS A4A1C13.	
A8A1C43		SAME AS A5A1C10.	
A8A1C44		SAME AS A8A1C4.	
A8A1C45		SAME AS A4A1C13.	
A8A1C46			
thru			
A8A1C50		SAME AS A4A1C13.	
A8A1C51		SAME AS A5A1C10.	
A8A1C52		SAME AS A8A1C4.	
A8A1C53		SAME AS A4A1C13.	
A8A1C54			
thru			
A8A1C58		SAME AS A4A1C13.	
A8A1C59		SAME AS A5A1C10.	
A8A1C60		SAME AS A8A1C4.	
A8A1C61		SAME AS A4A1C13.	
thru			
A8A1C66		SAME AS A4A1C13.	
A8A1C67		SAME AS A5A1C10.	
A8A1C68		SAME AS A8A1C4.	
A8A1C69			
thru			
A8A1C74		SAME AS A4A1C13.	
A8A1C75		SAME AS A5A1C10.	
A8A1C76		SAME AS A8A1C4.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8A1C77 thru			
A8A1C80		SAME AS A4A1C119.	
A8A1C81		SAME AS A4A1C13.	
A8A1C82		SAME AS A4A1C13.	
A8A1C83		SAME AS A4A1C13.	
A8A1C84		SAME AS A2C3.	
A8A1C85		SAME AS A4A1C13.	
A8A1C86		SAME AS A3A1C11.	
A8A1C87		SAME AS A3A1C42.	
A8A1C88		SAME AS A2C3.	
A8A1C89		SAME AS A2C3.	
A8A1C90 thru			
A8A1C98		SAME AS A4A1C13.	
A8A1C99		SAME AS A3A1C42.	
A8A1C100		SAME AS A2C3.	
A8A1C101		SAME AS A2C3.	
A8A1L1		SAME AS A6A1L2.	
A8A1L2		COIL, RF, FIXED: 68 uh, Q=51 at 2.5 Mhz. 0.157 in. dia by 0.395 in. lg. 82679 P/N CL433-680.	
A8A1L3 thru			
A8A1L7		SAME AS A8L2.	
A8A1Q1		SAME AS A4A1Q2.	
A8A1Q2 thru		SAME AS A4A1Q2.	
A8A1Q11		SAME AS A4A1Q2.	
A8A1Q12		NOT USED.	
A8A1Q13		SAME AS A4A1Q2.	
A8A1Q14 thru			
A8A1Q31		SAME AS A4A1Q2.	
A8A1R1		SAME AS A3A1R6.	
A8A1R2		SAME AS A3A1R6.	
A8A1R3		SAME AS A3A1R6.	
A8A1R4		SAME AS A3A1R1.	
A8A1R5		SAME AS A3A1R1.	
A8A1R6		SAME AS A2R2.	
A8A1R7		SAME AS A3A1R1.	
A8A1R8		SAME AS A2R14.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8AIR9		SAME AS A3AIR6.	
A8AIR10		SAME AS A3AIR6.	
A8AIR11		SAME AS A3AIR6.	
A8AIR12		SAME AS A2R23.	
A8AIR13		SAME AS A2R15.	
A8AIR14		SAME AS A3AIR6.	
A8AIR15		SAME AS A3AIR1.	
A8AIR16		SAME AS A3AIR6.	
A8AIR17		SAME AS A3AIR6.	
A8AIR18		SAME AS A3AIR6.	
A8AIR19		SAME AS A3AIR1.	
A8AIR20		SAME AS A3AIR1.	
A8AIR21		SAME AS A2R2.	
A8AIR22		SAME AS A3AIR1.	
A8AIR23		SAME AS A2R14.	
A8AIR24		SAME AS A3AIR6.	
A8AIR25		SAME AS A3AIR6.	
A8AIR26		SAME AS A3AIR6.	
A8AIR27		SAME AS A2R23.	
A8AIR28		NOT USED.	
A8AIR29		SAME AS A3AIR6.	
A8AIR30		SAME AS A3AIR1.	
A8AIR31		SAME AS A3AIR6.	
A8AIR32		SAME AS A3AIR6.	
A8AIR33		SAME AS A3AIR6.	
A8AIR34		SAME AS A3AIR1.	
A8AIR35		SAME AS A3AIR1.	
A8AIR36		SAME AS A2R2.	
A8AIR37		SAME AS A3AIR1.	
A8AIR38		SAME AS A2R14.	
A8AIR39		SAME AS A3AIR6.	
A8AIR40		SAME AS A3AIR6.	
A8AIR41		SAME AS A3AIR6.	
A8AIR42		SAME AS A2R23.	
A8AIR43		SAME AS A2R15.	
A8AIR44		SAME AS A3AIR6.	
A8AIR45		SAME AS A3AIR1.	
A8AIR46		SAME AS A3AIR6.	
A8AIR47		SAME AS A3AIR6.	
A8AIR48		SAME AS A3AIR6.	
A8AIR49		SAME AS A3AIR1.	
A8AIR50		SAME AS A3AIR1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8A1R51		SAME AS A2R2.	
A8A1R52		SAME AS A3A1R1.	
A8A1R53		SAME AS A2R14.	
A8A1R54		SAME AS A3A1R6.	
A8A1R55		SAME AS A3A1R6.	
A8A1R56		SAME AS A3A1R6.	
A8A1R57		SAME AS A3A1R6.	
A8A1R58		SAME AS A2R15.	
A8A1R59		SAME AS A3A1R6.	
A8A1R60		SAME AS A3A1R1.	
A8A1R61		SAME AS A3A1R6.	
A8A1R62		SAME AS A3A1R6.	
A8A1R63		SAME AS A3A1R6.	
A8A1R64		SAME AS A3A1R6.	
A8A1R65		SAME AS A3A1R1.	
A8A1R66		SAME AS A2R2.	
A8A1R67		SAME AS A3A1R1.	
A8A1R68		SAME AS A2R14.	
A8A1R69		SAME AS A3A1R6.	
A8A1R70		SAME AS A3A1R6.	
A8A1R71		SAME AS A3A1R6.	
A8A1R72		SAME AS A2R23.	
A8A1R73		SAME AS A2R15.	
A8A1R74		SAME AS A3A1R6.	
A8A1R75		SAME AS A3A1R1.	
A8A1R76		SAME AS A3A1R6.	
A8A1R77		SAME AS A3A1R6.	
A8A1R78		SAME AS A3A1R6.	
A8A1R79		SAME AS A3A1R1.	
A8A1R80		SAME AS A3A1R1.	
A8A1R81		SAME AS A2R2.	
A8A1R82		SAME AS A3A1R1.	
A8A1R83		SAME AS A2R14.	
A8A1R84		SAME AS A3A1R6.	
A8A1R85		SAME AS A3A1R6.	
A8A1R86		SAME AS A3A1R6.	
A8A1R87		SAME AS A2R23.	
A8A1R88		SAME AS A2R15.	
A8A1R89		SAME AS A3A1R6.	
A8A1R90		SAME AS A3A1R1.	
A8A1R91		SAME AS A3A1R6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8AIR92		SAME AS A3AIR6.	
A8AIR93		SAME AS A3AIR6.	
A8AIR94		SAME AS A3AIR1.	
A8AIR95		SAME AS A3AIR1.	
A8AIR96		SAME AS A2R2.	
A8AIR97		SAME AS A3AIR1.	
A8AIR98		SAME AS A2R14.	
A8AIR99		SAME AS A3AIR6.	
A8AIR100		SAME AS A3AIR6.	
A8AIR101		SAME AS A3AIR6.	
A8AIR102		SAME AS A2R23.	
A8AIR103		SAME AS A2R15.	
A8AIR104		SAME AS A3AIR6.	
A8AIR105		SAME AS A3AIR1.	
A8AIR106		SAME AS A3AIR6.	
A8AIR107		SAME AS A3AIR6.	
A8AIR108		SAME AS A3AIR6.	
A8AIR109		SAME AS A3AIR1.	
A8AIR110		SAME AS A3AIR1.	
A8AIR111		SAME AS A2R2.	
A8AIR112		SAME AS A3AIR1.	
A8AIR113		SAME AS A2R14.	
A8AIR114		SAME AS A3AIR6.	
A8AIR115		SAME AS A3AIR6.	
A8AIR116		SAME AS A3AIR6.	
A8AIR117		SAME AS A2R23.	
A8AIR118		SAME AS A2R15.	
A8AIR119		SAME AS A3AIR6.	
A8AIR120		SAME AS A3AIR1.	
A8AIR121		SAME AS A3AIR6.	
A8AIR122		SAME AS A3AIR6.	
A8AIR123		SAME AS A3AIR6.	
A8AIR124		SAME AS A3AIR1.	
A8AIR125		SAME AS A3AIR1.	
A8AIR126		SAME AS A2R2.	
A8AIR127		SAME AS A3AIR1.	
A8AIR128		SAME AS A2R14.	
A8AIR129		SAME AS A3AIR6.	
A8AIR130		SAME AS A3AIR6.	
A8AIR131		SAME AS A3AIR6.	
A8AIR132		SAME AS A2R23.	
A8AIR133		SAME AS A2R15.	
A8AIR134		SAME AS A3AIR6.	
A8AIR135		SAME AS A3AIR1.	
A8AIR136		SAME AS A3AIR6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A8A1R137		SAME AS A3A1R6.	
A8A1R138		SAME AS A3A1R6.	
A8A1R139		SAME AS A3A1R1.	
A8A1R140		SAME AS A3A1R1.	
A8A1R141		SAME AS A2R2.	
A8A1R142		SAME AS A3A1R1.	
A8A1R143		SAME AS A3R14.	
A8A1R144		SAME AS A3A1R6.	
A8A1R145		SAME AS A3A1R6.	
A8A1R146		SAME AS A3A1R6.	
A8A1R147		SAME AS A2R23.	
A8A1R148		SAME AS A2R15.	
A8A1R149		SAME AS A3A1R6.	
A8A1R150		SAME AS A3A1R1.	
A8A1R151		SAME AS A3A1R6.	
A8A1R152		SAME AS A2R18.	
A8A1R153		SAME AS A2R14.	
A8A1R154		SAME AS A3A1R4.	
A8A1R155		SAME AS A4A1R5.	
A8A1R156		SAME AS A2R10.	
A8A1Y1		SAME AS A5A1Y17.	
A8A1Y2		SAME AS A5A1Y13.	
A8A1Y3		SAME AS A5A1Y1.	
A8A1Y4		SAME AS A5A1Y5.	
A8A1Y5		SAME AS A5A1Y11.	
A8A1Y6		SAME AS A5A1Y3.	
A8A1Y7		SAME AS A5A1Y9.	
A8A1Y8		SAME AS A5A1Y11.	
A8A1Y9		SAME AS A5A1Y7.	
A8A1Y10		SAME AS A5A1Y15.	
A8A1Z1		SAME AS A3A1Z1.	
A8A1Z2			
thru			
A8A1Z10		SAME AS A3A1Z1.	
A9A1Z11		SAME AS A6A1Z1.	
A8A1Z12		SAME AS A5A1Z2.	
A8A1Z13		SAME AS A3A1Z1.	
A9		MIXER/AMPLIFIER 1: 1 circuit card assembly, 2 rf shields; 10.000 in. lg by 4.562 in. wd by 1 in. hg. 82679 P/N AX5024.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9E1 A9E2 A9A1		SAME AS A3E1. SAME AS A3E2. CIRCUIT CARD ASSEMBLY: 77 resistors, 79 capacitors, 16 coils, 2 transformers 1 integrated circuit, 20 transistors, plug-in item; p/o AX5024; 10.000 in. lg by 4.375 in. wd by 0.750 in. hg. 82679 P/N A4695.	
A9A1C1 A9A1C2 A9A1C3		SAME AS A2C3. SAME AS A4A1C13. CAPACITOR, FIXED, MICA: 4700 uuf, <u>+5%</u> tol, 500 wvdc. 0.665 in. lg, 0.625 in. wd by 0.240 in. thk. 82679 P/N CM112F1031B5.	
A9A1C4 A9A1C5 thru		SAME AS A9A1C3	
A9A1C8 A9A1C9 A9A1C10 A9A1C11		SAME AS A2C3. SAME AS A4A1C47. SAME AS A4A1C13. CAPACITATOR, VAR: 15-60 pf, 100 wvdc. 0.375 in. dia by 0.693 in. hg. 82679 P/N CV112-9.	
A9A1C12		CAPACITATOR, FIXED, MICA: 200 uuf, <u>+2%</u> tol, 300 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in thk. 82679 P/N CM111F201G3S.	
A9A1C13		CAPACITOR, FIXED, MICA: 10,000 uuf. <u>+1%</u> , 100 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679, P/N CM112F103F1S.	
A9A1C14 A9A1C15 A9A1C16 A9A1C17 A9A1C18 A9A1C19		SAME AS A9A1C11. SAME AS A4A1C13. SAME AS A4A1C13. SAME AS A4A1C13. SAME AS A8A1C4.	
A9A1C20		CAPACITOR, FIXED, MICA: 180 uuf, <u>+2%</u> tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F181C5S.	
A9A1C21 A9A1C22		SAME AS A4A1C13. SAME AS A4A1C13. CAPACITOR, FIXED, MICA: 270 uuf, <u>+2%</u> tol, 300 wvdc. 0.440 in. lg, by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F271C3S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9A1C23		SAME AS A9A1C13.	
A9A1C24		SAME AS A4A1C13.	
A9A1C25		SAME AS A9A1C22.	
A9A1C26		SAME AS A3A1C11.	
A9A1C27		SAME AS A4A1C13.	
A9A1C28		SAME AS A4A1C13.	
A9A1C29		CAPACITOR, FIXED, MICA: 470 pf, $\pm 5\%$, 500 wvdc, 0.440 in. lg. 0.473 in. wd. 0.170 in. thk. 82679 P/N CM111F471J5S.	
A9A1C30		SAME AS A9A1C29	
A9A1C31		SAME AS A4A1C13.	
A9A1C32		SAME AS A3A1C11.	
A9A1C33		SAME AS A4A1C13.	
A9A1C34		SAME AS A4A1C13.	
A9A1C35		SAME AS A4A1C13.	
A9A1C36		SAME AS A9A1C12.	
A9A1C37		SAME AS A9A1C11.	
A9A1C38		SAME AS A9A1C13.	
A9A1C39		SAME AS A9A1C19.	
A9A1C40		SAME AS A4A1C13.	
A9A1C41		SAME AS A4A1C13.	
A9A1C42		SAME AS A4A1C13.	
A9A1C43		SAME AS A8A1C4.	
A9A1C44		SAME AS A9A1C19.	
A9A1C45		SAME AS A2C3.	
A9A1C46		SAME AS A4A1C13.	
A9A1C47		SAME AS A9A1C19.	
A9A1C48		SAME AS A9A1C13.	
A9A1C49		SAME AS A4A1C19.	
A9A1C50		SAME AS A4A1C13.	
A9A1C51		SAME AS A4A1C13.	
A9A1C52		SAME AS A4A1C13.	
A9A1C53		SAME AS A3A1C11.	
A9A1C54		SAME AS A4A1C13.	
A9A1C55		SAME AS A2C3.	
A9A1C56		CAPACITOR, FIXED, MICA: 910 uuf, $\pm 2\%$ tol, 100 wvdc. 0.640 in. lg. 0.591 in. wd. 0.198 in. thk. P/N 82679, CM11F9111G1S.	
A9A1C57		SAME AS A9A1C56.	
A9A1C58		CAPACITOR, FIXED, MICA: 8200 pf, $\pm 5\%$, 500 wvdc, 0.440 in. lg. 0.473 in. wd, 0.170 in. thk. 82679 P/N CM112F822J5S.	
A9A1C59		SAME AS A4A1C13.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9A1C60		SAME AS A2C3.	
A9A1C61		SAME AS A4A1C13.	
A9A1C62		SAME AS A4A1C47.	
A9A1C63		SAME AS A4A1C13.	
A9A1C64		SAME AS A2C3.	
A9A1C65		SAME AS A4A1C13.	
A9A1C66		CAPACITOR, FIXED, MICA: 47 uuf $\pm 2\%$ tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CML1F470G5S.	
A9A1C67		CAPACITOR, FIXED, MICA: 150 pf $\pm 2\%$ tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679, P/N CML1F470G5S.	
A9A1C68		SAME AS A9A1C66.	
A9A1C69		SAME AS A4A1C13.	
A9A1C70		SAME AS A2C3.	
A9A1C71		SAME AS A4A1C13.	
A9A1C72		SAME AS A4A1C47.	
A9A1C73		SAME AS A2C3.	
A9A1C74		SAME AS A2C3.	
A9A1C75		SAME AS A2C3.	
A9A1C76		SAME AS A4A1C13.	
A9A1C77		SAME AS A4A1C13.	
A9A1C78		SAME AS A9A1C12.	
A9A1C79		SAME AS A9A1C12.	
A9A1L1		COIL, RF, FIXED: 6.80 uh, Q=80 at 7.9 Mhz, 0.400 in. dia, 0.500 in. lg. Dwg CL430-5, 72259 P/N VIV - 6.80.	
A9A1L2		SAME AS A4A1L3.	
A9A1L3			
thru			
A9A1L8		SAME AS A4A1L3.	
A9A1L9		SAME AS A4A1L28.	
A9A1L10		SAME AS A4A1L28.	
A9A1L11		SAME AS A3A1L5.	
A9A1L12		COIL, RF, FIXED: 120 Uh, Q=57 at 0.79 Mhz, 0.157 in. dia, 0.395 in. lg. 82679, P/N CL433-121.	
A9A1L13		SAME AS A9A1L12.	
A9A1L14		SAME AS A3A1L6.	
A9A1L15		SAME AS A3A1L6.	
A9A1L16		SAME AS A3A1L5.	
A9A1Q1		SAME AS A203.	
A9A1Q2		SAME AS A203.	
A9A1Q3		SAME AS A3A1Q27.	
A9A1Q4		SAME AS A3A1Q27.	
A9A1Q5		SAME AS A4A1Q2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9A1Q6 thru A9A1Q9 A9A1Q10 A9A1Q11 A9A1Q12 A9A1Q13 thru A9A1Q19 A9A1Q20 A9A1R1		SAME AS A4A1Q2. SAME AS A4A1Q2. SAME AS A3A1Q27. SAME AS A3A1Q27. SAME AS A4A1Q2. SAME AS A4A1Q2. SAME AS A2Q3. RESISTOR, VARIABLE: 500 ohms, +30% tol, 200 wvdc. 0.250 in. dia by 0.250 in. hg. 82679 P/N RV124-1-502.	
A9A1R2 A9A1R3 A9A1R4 A9A1R5 A9A1R6 A9A1R7 A9A1R8 A9A1R9 A9A1R10 A9A1R11		SAME AS A3A1R6. SAME AS A3A1R3. SAME AS A3A1R6. SAME AS A2R2. SAME AS A3A1R6. SAME AS A3A1R3. SAME AS A3A1R4. SAME AS A3A1R4. SAME AS A3A1R3. RESISTOR, VARIABLE: 50 K ohms, +30% tol, 200 wvdc. 0.250 in. dia by 0.250 in. lg. 82679 P/N RV124-1-503.	
A9A1R12 A9A1R13 A9A1R14 A9A1R15 A9A1R16 A9A1R17 A9A1R18 A9A1R19 A9A1R20 A9A1R21 A9A1R22 A9A1R23 A9A1R24 A9A1R26 A9A1R27 A9A1R28 A9A1R29 A9A1R30		SAME AS A3A1R4. SAME AS A9A1R1. SAME AS A3A1R6. SAME AS A3A1R3. SAME AS A3A1R6. SAME AS A2R2. SAME AS A3A1R6. SAME AS A3A1R3. SAME AS A3A1R4. SAME AS A2R14. SAME AS A3A1R6. SAME AS A3A1R3. SAME AS A2R14. SAME AS A9A1R1. SAME AS A3A1R1. SAME AS A3A1R3. SAME AS A3A1R3. SAME AS A3A1R6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9A1R31		SAME AS A3A1R6.	
A9A1R32		SAME AS A3A1R3.	
A9A1R33		SAME AS A3A1R4.	
A9A1R34		SAME AS A2R14.	
A9A1R35		SAME AS A3A1R3.	
A9A1R36		SAME AS A3A1R4.	
A9A1R37		SAME AS A9A1R11.	
A9A1R38		NOT USED.	
A9A1R39		SAME AS A2R14.	
A9A1R40		SAME AS A3A1R6.	
A9A1R41		SAME AS A3A1R6.	
A9A1R42		SAME AS A2R23.	
A9A1R43		SAME AS A3A1R3.	
A9A1R44		SAME AS A3A1R6.	
A9A1R45		SAME AS A3A1R6.	
A9A1R46		SAME AS A3A1R6.	
A9A1R47		SAME AS A2R16.	
A9A1R48		SAME AS A3A1R6.	
A9A1R49		SAME AS A3A1R6.	
A9A1R50		SAME AS A3A1R4.	
A9A1R51		SAME AS A2R14.	
A9A1R52		SAME AS A3A1R6.	
A9A1R53		SAME AS A3A1R3.	
A9A1R54		SAME AS A3A1R4.	
A9A1R55		SAME AS A2R14.	
A9A1R56		SAME AS A9A1R1.	
A9A1R57		SAME AS A3A1R1.	
A9A1R58		SAME AS A3A1R6.	
A9A1R59		SAME AS A3A1R3.	
A9A1R60		SAME AS A2R15.	
A9A1R61		SAME AS A3A1R6.	
A9A1R62		SAME AS A3A1R3.	
A9A1R63		SAME AS A3A1R4.	
A9A1R64		SAME AS A2R14.	
A9A1R65		SAME AS A2R15.	
A9A1R66		SAME AS A3A1R6.	
A9A1R67		SAME AS A2R23.	
A9A1R68		SAME AS A3A1R6.	
A9A1R69		SAME AS A3A1R6.	
A9A1R70		SAME AS A3A1R3.	
A9A1R71		SAME AS A2R14.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A9A1R72		SAME AS A3A1R6.	
A9A1R73		SAME AS A2R5.	
A9A1R74		SAME AS A2R14.	
A9A1R75		SAME AS A3A1R4.	
A9A1R76		SAME AS A3A1R4.	
A9A1R77		SAME AS A2R14.	
A9A1T1		TRANSFORMER, RF, ADJUSTABLE: Q=50 at 12 Mhz. Metal case. 0.614 in. dia by 0.532 in. hg. 82679 P/N TT301.	
A9A1T2		SAME AS A9A1T1.	
A9A1Z1		INTEGRATED CIRCUIT, DECADE DIVIDER: 8 pins, plastic case. Digital input DC to 30 Mhz, analog input 5 Hz to 30 Mhz. 0.438 in. lg by 0.187 in. wd by 0.125 in. hg. 82679 P/N NW171.	
A10		SAME AS A9.	
A11		SAME AS A9.	
A12		MIXER/AMPLIFIER 4: 1 circuit card assembly 2 rf shields, 10.000 in. lg by 4.562 in. wd, by 1 in. hg. 82679 P/N AX5025.	
A12E1		SAME AS A3E1.	
A12E2		SAME AS A3E2.	
A12A1		CIRCUIT CARD ASSEMBLY: 76 resistors, 76 capacitors, 16 coils, 2 transformers, 2 integrated circuits, 20 transistors, plug-in item, p.o AX5025; 10.000 in. lg by 4.375 in. wd by 0.750 in. hg. 82679 P/N A4694.	
A12A1C1		SAME AS A2C3.	
A12A1C2		SAME AS A4A1C13.	
A12A1C3		SAME AS A9A1C3.	
A12A1C4		SAME AS A9A1C3.	
A12A1C5		SAME AS A2C3.	
A12A1C6		SAME AS A4A1C13.	
A12A1C7		SAME AS A4A1C13.	
A12A1C8		SAME AS A4A1C13.	
A12A1C9		SAME AS A4A1C47.	
A12A1C10		SAME AS A4A1C13.	
A12A1C11		SAME AS A9A1C11.	
A12A1C12		SAME AS A9A1C12.	
A12A1C13		CAPACITOR, FIXED, MICA: 10,000 uuf, +1% tol, 100 wvdc. 0.640 in. lg, 0.591 in. wd, 0.198 in. thk. 82679 P/N CM112F103F1S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12A1C14		SAME AS A9A1C12.	
A12A1C15		SAME AS A4A1C13.	
A12A1C16		SAME AS A4A1C13.	
A12A1C17		SAME AS A4A1C13.	
A12A1C18		SAME AS A8A1C4.	
A12A1C19		SAME AS A9A1C19.	
A12A1C20		NOT USED.	
A12A1C21		SAME AS A4A1C13.	
A12A1C22		SAME AS A9A1C12.	
A12A1C23		SAME AS A12A1C13.	
A12A1C24		SAME AS A4A1C13.	
A12A1C25		SAME AS A9A1C12.	
A12A1C26		SAME AS A3A1C11.	
A12A1C27		SAME AS A4A1C13.	
A12A1C28		SAME AS A12A1C13.	
A12A1C29		SAME AS A9A1C29.	
A12A1C30		SAME AS A9A1C30.	
A12A1C31		SAME AS A4A1C13.	
A12A1C32		SAME AS A3A1C13.	
A12A1C33		SAME AS A4A1C13.	
A12A1C34		SAME AS A4A1C13.	
A12A1C35		SAME AS A4A1C13.	
A12A1C36		SAME AS A9A1C36.	
A12A1C37		SAME AS A9A1C19.	
A12A1C38		SAME AS A9A1C12.	
A12A1C39		SAME AS A9A1C19.	
A12A1C40		SAME AS A4A1C13.	
A12A1C41		SAME AS A4A1C13.	
A12A1C42		SAME AS A4A1C13.	
A12A1C43		SAME AS A8A1C4.	
A12A1C44		SAME AS A9A1C19.	
A12A1C45		SAME AS A2C3.	
A12A1C46		DAMR AS A4A1C13.	
A12A1C47		SAME AS A9A1C19.	
A12A1C48		SAME AS A12A1C13.	
A12A1C49		SAME AS A9A1C19.	
A12A1C50		SAME AS A4A1C13.	
A12A1C51		SAME AS A4A1C13.	
A12A1C52		SAME AS A4A1C13.	
A12A1C53		SAME AS A3A1C11.	
A12A1C54		SAME AS A4A1C3.	
A12A1C55		SAME AS A2C3.	
A12A1C56		CAPACITOR, FIXED, MICA: 91 uuf, +2% tol, 500 vvdc. 0.440 in. lg, 0.473 in. wd. 0.170 in. thk. 82679 P/N CM111F910G5S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12A1C57		SAME AS A12A1C56.	
A12A1C58		SAME AS A4A1C13.	
A12A1C59		SAME AS A2C3.	
A12A1C60		SAME AS A2C7.	
A12A1C61		SAME AS A2C7.	
A12A1C62		SAME AS A3A1C11.	
A12A1C63		SAME AS A4A1C13.	
A12A1C64		SAME AS A2C3.	
A12A1C65		SAME AS A4A1C13.	
A12A1C66		SAME AS A9A1C66.	
A12A1C67		SAME AS A9A1C67.	
A12A1C68		SAME AS A9A1C66.	
A12A1C69		SAME AS A4A1C13.	
A12A1C70		SAME AS A2C3.	
A12A1C71		SAME AS A4A1C13.	
A12A1C72		SAME AS A4A1C47.	
A12A1C73		SAME AS A2C3.	
A12A1C74		SAME AS A2C3.	
A12A1C75		SAME AS A2C3.	
A12A1C76		SAME AS A4A1C13.	
A12A1C77		SAME AS A4A1C13.	
A12A1L1		SAME AS A9A1L1.	
A12A1L2		SAME AS A4A1L3.	
A12A1L3 thru			
A12A1L8		SAME AS A4A1L3.	
A12A1L9		COIL, RF, FIXED: 1.5 uh, $\pm 10\%$ tol, 3.12 ohms max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-1R5.	
A12A1L10		SAME AS A12A1L9.	
A12A1L11		COIL, RF, FIXED: 100 uh, $\pm 10\%$ tol, 3.12 ohms max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-101.	
A12A1L12		COIL, RF, FIXED: 120 uh, $\pm 10\%$ tol, 3.12 ohms max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-221.	
A12A1L13		SAME AS A12A1L12.	
A12A1L14		COIL, RF, FIXED: 330 uh, $\pm 0\%$ tol, 3.12 ohms max dc res. 0.157 in. dia by 0.450 in. lg. 82679 P/N CL275-331.	
A12A1L15		SAME AS A12A1L14.	
A12A1L16		SAME AS A12A1L11.	
A12A1Q1		SAME AS A2Q3.	
A12A1Q2		SAME AS A2Q3.	
A12A1Q3		SAME AS A3A1Q27.	
A12A1Q4		SAME AS A3A1Q27.	
A12A1Q5		SAME AS A4A1Q2.	
A12A1Q6		SAME AS A4A1Q2.	
A12A1Q7 thru			
A12A1Q9		SAME AS A4A1Q2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12A1Q10		SAME AS A3A1Q27.	
A12A1Q11		SAME AS A3A1Q27.	
A12A1Q12		SAME AS A4A1Q2.	
A12A1Q13			
thru			
A12A1Q19		SAME AS A4A1Q2.	
A12A1Q20		SAME AS A2Q3.	
A12A1R1		SAME AS A9A1R1.	
A12A1R2		SAME AS A3A1R6.	
A12A1R3		SAME AS A3A1R3.	
A12A1R4		SAME AS A3A1R6.	
A12A1R5		SAME AS A2R2.	
A12A1R6		SAME AS A3A1R6.	
A12A1R7		SAME AS A3A1R3.	
A12A1R8		SAME AS A3A1R4.	
A12A1R9		SAME AS A2R14.	
A12A1R10		SAME AS A3A1R3.	
A12A1R11		SAME AS A9A1R1.	
A12A1R12		SAME AS A3A1R4.	
A12A1R13		SAME AS A9A1R1.	
A12A1R14		SAME AS A3A1R6.	
A12A1R15		SAME AS A3A1R3.	
A12A1R16		SAME AS A3A1R6.	
A12A1R17		SAME AS A2R2.	
A12A1R18		SAME AS A3A1R6.	
A12A1R19		SAME AS A3A1R3.	
A12A1R20		SAME AS A3A1R4.	
A12A1R21		SAME AS A2R14.	
A12A1R22		SAME AS A3A1R6.	
A12A1R23		SAME AS A3A1R3.	
A12A1R24		SAME AS A3A1R4.	
A12A1R25		SAME AS A2R14.	
A12A1R26		SAME AS A9A1R1.	
A12A1R27		SAME AS A3A1R1.	
A12A1R28		SAME AS A2R15.	
A12A1R29		SAME AS A3A1R3.	
A12A1R30		SAME AS A3A1R6.	
A12A1R31		SAME AS A3A1R6.	
A12A1R32		SAME AS A3A1R3.	
A12A1R33		SAME AS A3A1R4.	
A12A1R34		SAME AS A2R14.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12A1R35		SAME AS A3A1R3.	
A12A1R36		SAME AS A3A1R4.	
A12A1R37		SAME AS A9A1R1.	
A12A1R38		NOT USED.	
A12A1R39		SAME AS A2R15.	
A12A1R40		SAME AS A3A1R6.	
A12A1R41		SAME AS A3A1R6.	
A12A1R42		SAME AS A2R23.	
A12A1R43		SAME AS A3A1R3.	
A12A1R44		SAME AS A3A1R6.	
A12A1R45		SAME AS A3A1R6.	
A12A1R46		SAME AS A3A1R6.	
A12A1R47		SAME AS A2R16.	
A12A1R48		SAME AS A3A1R6.	
A12A1R49		SAME AS A3A1R3.	
A12A1R50		SAME AS A3A1R4.	
A12A1R51		SAME AS A2R14.	
A12A1R52		SAME AS A3A1R6.	
A12A1R53		SAME AS A3A1R3.	
A12A1R54		SAME AS A3A1R4.	
A12A1R55		SAME AS A2R14.	
A12A1R56		SAME AS A9A1R1.	
A12A1R57		SAME AS A3A1R1.	
A12A1R58		SAME AS A3A1R6.	
A12A1R59		SAME AS A3A1R3.	
A12A1R60		SAME AS A2R15.	
A12A1R61		SAME AS A3A1R6.	
A12A1R62		SAME AS A3A1R3.	
A12A1R63		SAME AS A3A1R4.	
A12A1R64		SAME AS A2R14.	
A12A1R65		SAME AS A2R15.	
A12A1R66		SAME AS A3A1R6.	
A12A1R67		SAME AS A2R23.	
A12A1R68		SAME AS A3A1R6.	
A12A1R69		SAME AS A3A1R6.	
A12A1R70		SAME AS A3A1R3.	
A12A1R71		SAME AS A2R14.	
A12A1R72		SAME AS A3A1R6.	
A12A1R73		SAME AS A2R5.	
A12A1R74		SAME AS A2R14.	
A12A1R75		SAME AS A3A1R4.	
A12A1R76		SAME AS A3A1R4.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12A1R77 A12A1Z1 A12A1Z2		SAME AS A2R14. SAME AS A9A1Z1. SAME AS A3A1Z1.	
A13 A13E1 A13E2		FINAL MIXER/AMPLIFIER: 1 circuit card assembly, 2 RF shields, 10.000 in. lg, 4.562 in. wd by 1 in. wd by 1 in. hg. 82679 P/N AX5026. SAME AS A3E1. SAME AS A3E2.	
A13A1 A13A1C1 A13A1C2 A13A1C3 A13A1C4 A13A1C5 A13A1C6		CIRCUIT CARD ASSEMBLY. 95 resistors, 99 capacitors, 20 coils, 1 transformer, 3 integrated circuits, 28 transistors, 5 semiconductors, plug-in item, p/o AX5026; 10.000 in. lg by 4.375 in. wd by 0.750; in. hg. 82679 P/N A4695. SAME AS A2C3. SAME AS A2C3. SAME AS A3A1C42. SAME AS A2C3. SAME AS A3C3. CAPACITOR, FIXED, MICA: 22 uuf, $\pm 5\%$ tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd 0.170 in. thk. 82679 P/N CM111E220J5S.	
A13A1C7 A13A1C8 A13A1C9 A13A1C10 A13A1C11 A13A1C12 A13A1C13 A13A1C14 A13A1C15		SAME AS A3C3. SAME AS A13A1C6. SAME AS A2C3. SAME AS A2C3. SAME AS A5A1C13. SAME AS A4A1C13. SAME AS A2C3. SAME AS A4A1C13. CAPACITOR, VARIABLE, CERAMIC: 5.5 - 18 uuf, 200 wvdc, min Q= 500 at 1 Mhz. 0.375 in. dia, 0.300 in. hg. 82679 P/N CV112-7.	
A13A1C16 A13A1C17		SAME AS A3A1C15. CAPACIATOR, FIXED, MICA: 68 uuf, $\pm 1\%$ tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111F680J5S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13A1C18		SAME AS A3A1C17.	
A13A1C19		CAPACITOR, FIXED, MICA: 10,000 uuf, $\pm 1\%$ tol, 100 wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM112F103F1S.	
A13A1C20		NOT USED.	
A13A1C21		SAME AS A4A1C13.	
A13A1C22		SAME AS A8A1C4.	
A13A1C23		SAME AS A4A1C13.	
A13A1C24		NOT USED.	
A13A1C25		SAME AS A9A1C19.	
A13A1C26		SAME AS A4A1C13.	
A13A1C27		SAME AS A2C3.	
A13A1C28		SAME AS A4A1C13.	
A13A1C29		SAME AS A4A1C13.	
A13A1C30		SAME AS A13A1C15.	
A13A1C31		SAME AS A13A1C15.	
A13A1C32		SAME AS A13A1C17.	
A13A1C33		SAME AS A13A1C17.	
A13A1C34		SAME AS A13A1C19.	
A13A1C35		SAME AS A4A1C13.	
A13A1C36		SAME AS A4A1C13.	
A13A1C37		SAME AS A3A1C11.	
A13A1C38		SAME AS A3A1C47.	
A13A1C39		SAME AS A4A1C13.	
A13A1C40		SAME AS A4A1C13.	
A13A1C41		SAME AS A2C3.	
A13A1C42		SAME AS A3A1C47.	
A13A1C43		CAPACITOR, FIXED, MICA: 15 uuf, $\pm 5\%$ tol, 500 wvdc. 0.440 in. lg, 0.473 in. wd, 0.170 in. thk. 82679 P/N CM111E150J5S.	
A13A1C44		SAME AS A13A1C43.	
A13A1C45		SAME AS A3A1C47.	
A13A1C46		SAME AS A2C3.	
A13A1C47		SAME AS A3A1C47.	
A13A1C48		SAME AS A2C3.	
A13A1C49		SAME AS A3A1C47.	
A13A1C50		SAME AS A13A1C43.	
A13A1C51		SAME AS A13A1C43.	
A13A1C52		SAME AS A3A1C42.	
A13A1C53		SAME AS A3A1C42.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13A1C54		SAME AS A3A1C47.	
A13A1C55		SAME AS A3A1C47.	
A13A1C56		SAME AS A13A1C43.	
A13A1C57		SAME AS A2C3.	
A13A1C58		SAME AS A3A1C42.	
A13A1C59		SAME AS A3A1C42.	
A13A1C60		SAME AS A4A1C119.	
A13A1C61		SAME AS A4A1C119.	
A13A1C62		SAME AS A3A1C47.	
A13A1C63		SAME AS A3A1C42.	
A13A1C64		SAME AS A3A1C42.	
A13A1C65		SAME AS A3A1C19.	
A13A1C66		SAME AS A3A1C19.	
A13A1C67		SAME AS A2C3.	
A13A1C68		SAME AS A3A1C47.	
A13A1C69		SAME AS A3A1C42.	
A13A1C70		SAME AS A3A1C19.	
A13A1C71		SAME AS A3A1C19.	
A13A1C72		SAME AS A2C3.	
A13A1C73		SAME AS A2C3.	
A13A1C74		SAME AS A2C3.	
A13A1C75		SAME AS A4A1C13.	
A13A1C76		SAME AS A5A1C13.	
A13A1C77		SAME AS A5A1C13.	
A13A1C78		SAME AS A5A1C10.	
A13A1C79		SAME AS A4A1C13.	
A13A1C80		SAME AS A3A1C11.	
A13A1C81		SAME AS A4A1C12.	
A13A1C82		SAME AS A6A1C94.	
A13A1C83		SAME AS A4A1C13.	
A13A1C84		SAME AS A4A1C13.	
A13A1C85		SAME AS A4A1C13.	
A13A1C86		SAME AS A4A1C13.	
A13A1C87		SAME AS A2C3.	
A13A1C88		SAME AS A2C3.	
A13A1C89		SAME AS A2C3.	
A13A1C90		SAME AS A2C3.	
A13A1C91		SAME AS A4A1C13.	
A13A1C92		SAME AS A4A1C13.	
A13A1C93		CAPACITOR, FIXED, MICA: 560 pf, $\pm 2\%$, 300 vwdc, 0.640 in. lg, 0.591 in. lg, 0.591 in. wd, 0.198 in. thk. 82679 P/N CM111F561G3S.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13A1C94		SAME AS A9A1C19.	
A13A1C95		SAME AS A4A1C13.	
A13A1C96		SAME AS A3A1C11.	
A13A1C97		SAME AS A4A1CA13.	
A13A1CR1		SAME AS A2CR2.	
A13A1CR2		SAME AS A2CR2.	
A13A1CR3		SAME AS A2CR2.	
A13A1L1		COIL, RF, FIXED: 47 uh, Q=52 at 2.5 Mhz, 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-470.	
A13A1L2		SAME AS A4A1L3.	
A13A1L3		SAME AS A4A1L16.	
A13A1L4		SAME AS A4A1L16.	
A13A1L5		SAME AS A4A1L16.	
A13A1L6		SAME AS A3A1L5.	
A13A1L7		SAME AS A3A1L5.	
A13A1L8		COIL, RF, FIXED: 10,000 uh, Q=39 at 0.25 Mhz. 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-103.	
A13A1L9		SAME AS A13A1L8.	
A13A1L10		SAME AS A13A1L1.	
A13A1L11		SAME AS A13A1L8.	
A13A1L12		SAME AS A13A1L8.	
A13A1L13		SAME AS A3A1L1.	
A13A1L14		SAME AS A13A1L8.	
A13A1L15		SAME AS A3A1L1.	
A13A1L16		SAME AS A3A1L6.	
A13A1L17		SAME AS A3A1L6.	
A13A1L18		SAME AS A3A1L6.	
A13A1L19		coil, rf, fixed; 0.68 uh, Q=42 at 25 Mhz, 0.157 in. dia, 0.395 in. lg. 82679 P/N CL433-OR68.	
A13A1L20		SAME AS A13A1L8.	
A13A1Q1		SAME AS A2Q3.	
A13A1Q2		SAME AS A2Q3.	
A13A1Q3		SAME AS A3A1Q27.	
A13A1Q4		SAME AS A3A1Q27.	
A13A1Q5		SAME AS A4A1Q2.	
A13A1Q6 thru A13A1Q9		SAME AS A4A1Q2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13A1Q10		SAME AS A3A1Q27.	
A13A1Q11			
thru			
A13A1Q15		SAME AS A4A1Q2.	
A13A1Q16		TRANSISTOR: MIL type 2N2219.	
A13A1Q17		SAME AS A4A1Q2.	
A13A1Q18		SAME AS A13A1Q16.	
A13A1Q19		SAME AS A4A1Q2.	
A13A1Q20		SAME AS A2Q4.	
A13A1Q21		TRANSISTOR: MIL type 2N1132.	
A13A1Q22		SAME AS A2Q4.	
A13A1Q23.		SAME AS A2Q3.	
A13A1Q24		SAME AS A2Q3.	
A13A1Q25		SAME AS A2Q3.	
A13A1Q26		SAME AS A2Q3.	
A13A1Q27		SAME AS A4A1Q2.	
A13A1Q28		SAME AS A4A1Q2.	
A13A1R1		SAME AS A9A1R1.	
A13A1R2		SAME AS A3A1R3.	
A13A1R3		SAME AS A3A1R6.	
A13A1R4		SAME AS A3A1R6.	
A13A1R5		SAME AS A3A1R6.	
A13A1R6		SAME AS A2R2.	
A13A1R7		SAME AS A3A1R3.	
A13A1R8		SAME AS A3A1R6.	
A13A1R9		SAME AS A3A1R6.	
A13A1R10		SAME AS A2A14.	
A13A1R11		SAME AS A3A1R3.	
A13A1R12		SAME AS A3A1R37.	
A13A1R13		SAME AS A3A1R4.	
A13A1R14		SAME AS A3A1R3.	
A13A1R15		SAME AS A3A1R3.	
A13A1R16		SAME AS A3A1R3.	
A13A1R17		SAME AS A3A1R4.	
A13A1R18		SAME AS A3A1R6.	
A13A1R19		SAME AS A2R14.	
A13A1R20		SAME AS A2R4.	
A13A1R21		SAME AS A3A1R4.	
A13A1R22		SAME AS A2R23.	
A13A1R23.		SAME AS A3A1R6.	
A13A1R24		SAME AS A3A1R3.	
A13A1R25		SAME AS A3A1R6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13A1R26		SAME AS A2R15.	
A13A1R27		SAME AS A3A1R3.	
A13A1R28		SAME AS A3A1R3.	
A13A1R29		SAME AS A3A1R3.	
A13A1R30		SAME AS A3A1R4.	
A13A1R31		SAME AS A3A1R6.	
A13A1R32		SAME AS A2R14.	
A13A1R33		SAME AS A3A1R4.	
A13A1R34		SAME AS A2R5.	
A13A1R35		SAME AS A2R23.	
A13A1R36		SAME AS A3A1R4.	
A13A1R37		SAME AS A3A1R4.	
A13A1R38		SAME AS A3A1R3.	
A13A1R39		SAME AS A2R18.	
A13A1R40		SAME AS A3A1R4.	
A13A1R41		SAME AS A2R5.	
A13A1R42		SAME AS A2R23.	
A13A1R43		SAME AS A3A1R6.	
A13A1R44		SAME AS A3A1R3.	
A13A1R45		SAME AS A2R18.	
A13A1R46		SAME AS A3A1R6.	
A13A1R47		SAME AS A2R10.	
A13A1R48		SAME AS A3A1R3.	
A13A1R49		SAME AS A2R15.	
A13A1R50		SAME AS A3A1R6.	
A13A1R51		SAME AS A2R2.	
A13A1R52		SAME AS A2R8.	
A13A1R53		SAME AS A2R5.	
A13A1R54		SAME AS A3A1R6.	
A13A1R55		SAME AS A2R2.	
A13A1R56		SAME AS A2R6.	
A13A1R57		SAME AS A3A1R95.	
A13A1R58		SAME AS A2R6.	
A13A1R59		SAME AS A3A1R34.	
A13A1R60		SAME AS A3A1R36.	
A13A1R61		SAME AS A3A1R3.	
A13A1R62		SAME AS A2R18.	
A13A1R63		SAME AS A3A1R30.	
A13A1R64		SAME AS A2R8.	
A13A1R65		SAME AS A3A1R95.	
A13A1R66		SAME AS A9A1R1.	
A13A1R67		SAME AS A3A1R3.	
A13A1R68		SAME AS A3A1R6.	
A13A1R69		SAME AS A3A1R6.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13A1R70		SAME AS A2R2.	
A13A1R71		SAME AS A3A1R3.	
A13A1R72		SAME AS A3A1R4.	
A13A1R73		SAME AS A3A1R6.	
A13A1R74		SAME AS A2R14.	
A13A1R75		SAME AS A3A1R4.	
A13A1R76		SAME AS A3A1R55.	
A13A1R77		SAME AS A2R15.	
A13A1R78		SAME AS A3A1R5.	
A13A1R79		SAME AS A2R8.	
A13A1R80		SAME AS A2R7.	
A13A1R81		SAME AS A2R8.	
A13A1R82		SAME AS A3A1R44.	
A13A1R83		SAME AS A3A1R44.	
A13A1R84		SAME AS A3A1R44.	
A13A1R85		SAME AS A3A1R30.	
A13A1R86		SAME AS A2R7.	
A13A1R87		RESISTOR, VARIABLE: 25,000 ohms, +20% tol., 0.250 in. dia, by 0.250 in. hg. Dwg RV126-61P253. 80740 P/N 61P253.	
A13A1R88		SAME AS A9A1R1.	
A13A1R89		NOT USED.	
A13A1R90		SAME AS A3A1R6.	
A13A1R91		SAME AS A3A1R6.	
A13A1R92		SAME S A3A1R55.	
A13A1R93		SAME AS A3A1R4.	
A13A1R94		SAME AS A3A1R4.	
A13A1R95		SAME AS A3A1R4.	
A13A1R96		SAME AS A2R14.	
A13A1T1		TRANSFORMER, R.F. ADJUSTABLE: Q=50 at 16 Mhz. 0.614 in. dia by 0.532 in. hg. 82679 P/N TT302.	
A13A1VC1		CAPACITOR, VOLTAGE VARIABLE: 100 uuf at 4 vdc, approx range 57-260 uuf, Typical Q at 4 vdc = 11, 15 wvdc. 0.140 in. dia by 0.3000 lg by 0.300 lg. wire leads. Dwg CX106-14, 01281 P/N V100.	
A13A1VC2 thru A13A1VC4		SAME AS A13A1VC1.	
A13A1VR1		SEMICONDUCTOR DEVICE: MIL type IN746.	
A13A1VR2		SEMICONDUCTOR DEVICE: MIL type IN959.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13A1Z1 A13A1Z2 A13A1Z3		SAME AS A4A1Z1. SAME AS A3A1Z1. SAME AS A3A1Z1.	
A14		SWITCH, STEPPING: remote controlled type, direct drive type, unidirectional drive, 4 sections, 12 positions, 14 wipers 33 contacts, 10-15 amps, 28 vdc, bracket housed plug-in type; 6.000 in lg by 2.750 in. hg by 2.000 in. wd; 82679 P/N AX5006.	
A14A1		CIRCUIT CARD ASSEMBLY: 15 semiconductors, 1 capacitor, p/o AX5006; 3.500 in lg by 1.625 in. wd by .500 in. hg; 82679 P/N A4596.	
A14A1C1		CAPACITOR, FIXED, PLASTIC: 470,000 uuf, $\pm 10\%$ tol, 100 wvdc. 0.515 in. dia by 1.064 in. lg. 82679 P/N CN112B474K1.	
A14A1CR1 A14A1CR2 thru		SEMICONDUCTOR DEVICE: MIL TYPE IN914A.	
A14A1CR14 A14A1CR15		SAME AS A14A1CR1. ABSORBER, OVERVOLTAGE: oper voltage, 28 v nom, 33 v max. Max reverse 10 vdc. 0.438 in. lg, 0.500 in. wd, 0.219 thk. 82679 P/N DD111-1.	
A15 thru A19		Same as A14.	
		NOTE: The following is an unsymbolized "Printed Wiring Board" colloquially known as "Riser Card, Extender Card" etc. It is used in the testing of "Circuit Card Assemblies".	
		PRINTED WIRING BOARD: 82679 P/N A4740.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
4		RTTD-4, DECODER, COMMAND SIGNAL, KY-661/URR: The RTTD-4 as used in a remote controlled receiver has three basic function as follows: (1) Decoding remote instructions. (2) Digital servo tuning. (3) Readback to remote operator.	
A1		CIRCUIT CARD ASSEMBLY: 7 resistors, 2 capacitors, 1 relay, 2 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4516.	
A2		CIRCUIT CARD ASSEMBLY: 7 resistors, 2 capacitors, 1 relay, 2 semiconductors, plug-in item; 4.375 in. by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4516.	
A3		CIRCUIT CARD ASSEMBLY: 2 resistors, 2 capacitors, 9 integrated circuits, 1 coil, 2 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4518.	
A4		CIRCUIT CARD ASSEMBLY: 14 resistors, 5 capacitors, 5 coils, 11 integrated circuits, 1 transistor, 9 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4571.	
A5		CIRCUIT CARD ASSEMBLY: 20 resistors, 6 capacitors, 5 coils, 7 integrated circuits, 4 transistors, 10 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4572.	
A6		CIRCUIT CARD ASSEMBLY: 22 integrated circuits, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4580.	
A7		SAME AS A6.	
A8		SAME AS A6.	
A9		CIRCUIT CARD ASSEMBLY: 12 resistors, 12 integrated circuits, 8 transistors, 8 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4582.	
A10		CIRCUIT CARD ASSEMBLY: 28 resistors, 4 capacitors 9 transistors, 9 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4613.	
A11		CIRCUIT CARD ASSEMBLY: 22 resistors, 12 capacitors, 2 integrated circuits, 4 transistors, 5 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4614.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12		CIRCUIT CARD ASSEMBLY: 9 resistors, 3 capacitors, 6 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4602.	
A13		CIRCUIT CARD ASSEMBLY: 22 resistors, 7 capacitors 2 integrated circuits, 3 transistors, 2 semiconductors, plug-in item; 4.375 in. hg. 82679 P/N A4601.	
A14		CIRCUIT CARD ASSEMBLY: 18 resistors, 5 capacitors, 2 integrated circuits, 4 transistors, 2 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4599.	
A15		SWITCH, STEPPING: remote - controlled type, direct drive type, unidirectional drive, 7 sections, 18 positions, 14 wipers, 66 contacts, bracket housed plug-in type; 5.625 in. lg by 4.250 in. hg by 4.250 in. wd. 82679 P/N AX5027.	
B1		FAN, AXIAL: 115 vac, 50/60 Hz, 3300 rpm, CMF-45 at 60 Hz free delivery. Plastic Blade, aluminum housing with black enamel finish. Housing size; 3.625 in. by 3.625 in. by 1.500 in. o/a. 82679 P/N BL131.	
C1 thru C7		CAPACITOR, FIXED, ELECTROLYTIC: 950 uf, 75 wvdc, 1.375 in. dia 2.063 in. lg. Dwg 82679 P/N CE112-14.	
C8		CAPACITOR, FIXED, PLASTIC: 3 uf, 200 wvdc, 20% tol; solder lug terminals; hole mounted. 2.000 in. lg. by 2.000 in. wd by 1.250 in. hg. Dwg CX117-12-2X20, 99120 P/N AB2-306X20.	
C9		CAPACITOR, FIXED, OIL FILLED: 4 uf, 236 vac. 2.160 in. lg by 1.310 in. wd by 2.060 in. hg. 82679 P/N CP120-4-236-QC.	
C10		CAPACITOR, FIXED, CERAMIC: 100,000 uuf, + 80% - 20% tol, 500 wvdc, 0.920 in. dia, 0.220 in. thk, 0.375 in. lead spacing. 82679 P/N CC100-32.	
C11		SAME AS C10.	
CR1		SEMICONDUCTOR DEVICE: MIL type IN2989RB	
CR2		RECTIFIER: MIL type 2N1776A.	
CR3		SAME AS CR2.	
DS1		LAMP, INCANDESCENT: 14 volts AC/DC, 0.08 amps. Single contact, miniature T-1-3/4 base. 0.219 in. dia by 0.563 in. lg. Dwg BI110-10, 08806 P/N 382.	
DS2		LAMP, INCANDESCENT: Single contact, T-1-3/4 base, 28 v ac or dc, 0.04 amps. Dwg BI110-7, 08806 P/N 327.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
F1		FUSE, CARTRIDGE TYPE: 3 amps, 125 v. 0.250 in. dia. 1.250 in. lg. Dwg FU102-3, 71400 P/N MDL-3.	
F2		SAME AS F1.	
F11		FILTER, RADIO INTERFERENCE: current, 5 amps; voltage rating, 600 vdc, 250 vac at 60 cps. 1.000 in. dia, 2.688 in. lg. Dwg F1105-2, 80183 P/N 5JX100.	
F12		SAME AS F11.	
J1		CONNECTOR: MIL type MS3102A14S1P.	
J2		CONNECTOR: MIL type MS3102A20-27P.	
J3		CONNECTPR: MIL type MS3102A20-29P.	
J4		NOT USED.	
J5		CONNECTOR, RECEPTACLE, ELECTRICAL: 48 socket type contacts rated at 7.5 amps, 500 v RMS. 1.562 in. Sq by 0.835 in. thk. 82679 P/N JJ200-11.	
J6		CONNECTOR, RECEPTACLE, ELECTRICAL: 37 socket type contacts rated at 7.5 amps, amps, 500 v RMS. 1.437 in. sq by 0.835 in. thk. 82679 P/N JJ200-10.	
J7		CONNECTOR, RECEPTACLE, ELECTRICAL: 37 pin type contacts rated at 7.5 amps, 500 v RMS. 1.437 in. sq by 0.835 in. thk. 82679 P/N JJ200-10.	
K1		RELAY, ARMATURE: DPDT: coil data; 12 vdc, 0.074 amps, 160 ohms. Hermetically sealed metal case with hook type terminals, bracket mounted. 0.312 in. wd by 1.160 in. lg by 0.875 in. hg. Dwg RL181-1, 70309 P/N WJPB-H1-01D.	
K2		SAME AS K1.	
K3		SAME AS K1.	
K4		RELAY, ARMATURE: 4 PDT, non coil data; 26.5 v, 0.132 amp, 200 ohms. Hermetically sealed metal case. Dwg RL182, 70309 P/N MHYO-12D-26.5VDC.	
Q1		TRANSISTOR: MIL type 2N3055.	
Q2		TRANSISTOR: MIL type 2N3790.	
R1		RESISTOR: MIL type RC32GF3301J.	
R2		SAME AS R1.	
S1		SWITCH, PUSH, ILLUMINATED: SPDT, 125 vac, 3 amps, round lens cap. 0.750 in. dia by 1.906 in. lg. 82679 P/N SW503-3B1.	
S2		SWITCH, MIL type ST22K.	
T1		TRANSFORMER, POWER, SERVO: frequency 60 Hz, breakdown voltage 500 v; hermetically sealed metal case stud mtd: 2.515 in. lg by 1.063 in. wd by 2.500 in. hg; solder stud terminals. 82679 P/N TF379.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
T2		TRANSFORMER, POWER, S/D: Primary, 115/230 v, 50/60 Hz, 1 phase; Secondary, 30v, 1 adc; 18v, 600 madc; 35v, 2 adc; 18v, 2 adc; 12v, 600 madc; 6.3v, 0.150 aac, 26v, .150aac; 26v, 0.150 aac; 64ctv, 0.100 aac. Hermetically sealed metal case, stud mtd. 5.875 in. lg. by 4.750 in. wd by 3.875 in. Solder stud terminals. 82679 P/N TF377.	
TB1		TERMINAL BOARD: barrier type; two 6-32 thk single screw terminals and feed thru solder lugs. Phenolic body 0.406 in. by 0.875 in. by 1.500 in. Dwg TM100-2 86168 P/N 2-164YD.	
XA1		CONNECTOR, RECEPTACLE, ELECTRICAL: 22 double sided female contacts ratyd at 5 amps and 1800 volts RMS. Phenolic housing with floating bushing and eyelet terminals. Accepts printed circuit board thickness of 0.054 in. to 0.071 in. 82679 P/N JJ319-22-DFE.	
XA2 thru ZA15		SAME AS XA1.	
XDS1 XDS2		NOT USED.	
XF1		LIGHT, INDICATOR: translucent white lens. 1.35 to 28 v. T-1-3/4 lamp base. 2 terminals. 0.437 in. dia by 1.500 in. lg. Dwg TS153-12, 72619 P/N 162-8430-1475-502.	
XF2		FUSEHOLDER, LAMP INDICATING: 90-250 v, 15 amps, neon lamp, clear knob, accommodates 1/4 in. dia X 1-1/4 in. lg fuse. Dwg FH104-3, 71400 P/N HKL-X.	
XK1		SAME AS XF1.	
XK2		SOCKET, RELAY: 3 amp current rating; 10 gold plated phosphor bronze solder cup terminals. 1.125 in. lg by 0.390 in. wd by 0.281 in. thk. Dwg TS191S2, 19663 P/N HRT-2.	
XK3		SAME AS XK1.	
XK4		SOCKET, RELAY: 13 amp current rating; 14 gold plated phosphor bronze solder cup terminals. 1.562 in. lg. by 1.250 in. wd. by 0.576 in. thk. Dwg TS190S1, 19663 P/N HRP-1.	
XQ1		SOCKET, SEMICONDUCTOR DEVICE: 2 pin contact accommodation, 0.040 in. or 0.050 in. dia; polarized; 1 term. lug grounding strap; 1.578 in. lg, 1.00 in. wd, 0.172 in. thk. Dwg TS166-1, 91506, P/N 8038-1G1.	
XQ2		SAME AS XQ1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1 A1C1 A1C2 A1CR1 A1CR2 A1R1 A1R1 A1R2 A1R3 A1R4 A1R5 A1R6 A1R7		<p>CIRCUIT CARD ASSEMBLY: 7 resistors, 2 capacitors, 1 relay, 2 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4516.</p> <p>CAPACITOR, FIXED, MICA: 1,000 uuf, $\pm 1\%$ tol, 500 wvdc, 0.640 in. lg, 0.591 in. wd, 0.198 in. thk. 82679 P/N CM111F102F5S.</p> <p>SAME AS A1C1.</p> <p>SEMICONDUCTOR DEVICE: MIL type IN4245.</p> <p>SAME AS A1CR1.</p> <p>RELAY, ARMATURE: mercury wetted contacts rated at 2 amps max, 500 v. max. 2 windings rated at 250 ohms each $\pm 10\%$. 2.063 in. lg by 0.625 in. hg by 0.625 in. wd. Wire lead mounted. 82679 P/N RL167.</p> <p>RESISTOR: MIL type RC20GF471J.</p> <p>RESISTOR: MIL type RC20GF681J.</p> <p>SAME AS A1R2.</p> <p>RESISTOR: MIL type RC20GF4R7J.</p> <p>SAME AS A1R4.</p> <p>RESISTOR: MIL type RC42GF101J.</p> <p>SAME AS A1R6.</p>	
A2 A2CR1 A2CR2 thru A2CR10 A2R1 A2R2 A2R3 thru A2R6 A2Z1 A2Z1 thru A2Z5		<p>CIRCUIT CARD ASSEMBLY: 6 resistors, 13 integrated circuits, 10 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4517.</p> <p>SEMICONDUCTOR DEVICE: MIL type IN914.</p> <p>SAME AS A2CR1.</p> <p>RESISTOR: MIL type RC07GF122J.</p> <p>RESISTOR: MIL type RC07GF104J.</p> <p>SAME AS A2R2.</p> <p>INTEGRATED CIRCUIT, DIGITAL FLIP-FLOP: 11 pins, plastic case; 4.5 v input, -9.5v output. 0.895 in. lg by 0.678 in. wd by 0.495 in. hg. 82679 P/N NW151.</p> <p>SAME AS A2Z1.</p>	
A3 A3C1		<p>CIRCUIT CARD ASSEMBLY: 2 resistors, 2 capacitors, 9 integrated circuits, 1 coil, 2 semiconductors, plug-in item; 4.575 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4518.</p> <p>CAPACITOR, FIXED, PLASTIC: 3 uf, $\pm 5\%$ tol, 50 WVDC, 0.575 in. dia. by 1.063 in. lg wire leads. 82679 P/N CM114-3R0-01.</p>	

SECTION 6

REF DESIGN	NOTES	NAME AND DESCRIPTION	FIG NO.
A3C2		SAME AS A3C1.	
A3CR1		SAME AS A2CR1.	
A3CR2		SAME AS A2CR1.	
A3L1		COIL, RF, FIXED: 1, 000 uh, $\pm 10\%$, 17.5 ohms max dc res. 0.157 dia, 0.450 in. lg. 82679 P/N CL275-102.	
A3R1		RESISTOR, VARIABLE, WIRE WOUND: 100 ohms, $\pm 10\%$ tol, 1/2 watt. 1.250 in. lg by 0.250 in. wd by 0.313 in. hg, wire lead mounted. 82679 P/N RV121-1-103.	
A3R2		SAME AS A2R1.	
A3Z1		INTEGRATED CIRCUIT, DIGITAL TIMING GENERATOR: 11 pins, plastic case; -8 v output. 0.895 in. lg by 0.678 in. wd by 0.495 in. hg. 82679 P/N NW152.	
A3Z2			
thru			
A3Z5		SAME AS A2Z1.	
A3Z6		INTEGRATED CIRCUIT, DIGITAL AND GATE: 11 pins, plastic case; supply voltage, - 12 v. 0.875 in. lg by 0.625 in. wd by 0.438 in. hg. 82679 P/N NW141-42.	
A3Z7		SAME AS A3Z6.	
A3Z8		SAME AS A3Z6..	
A3Z9		INTEGRATED CIRCUIT, DIGITAL NOR GATE: 11 pins, plastic case; supply voltage, + and - 12 v. 0.875 in. hg. 82679 P/N NW145-61.	
A4		CIRCUIT CARD ASSEMBLY: 14 resistors, 5 capacitors, 5 coils, 11 integrated circuits, 1 transistor, 9 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4571.	
A4C1		CAPACITOR, FIXED, CERAMIC: 10,000 uuf, $+80\% - 20\%$ tol, 25 wvdc, 0.385 in. dia, 0.156 in. thk, 0.250 in. lead spacing. 82679 P/N CC100-41.	
A4C2			
thru			
A4C5		SAME AS A4C1.	
A4CR1			
thru			
A4CR8		SAME AS A2CR1.	
A4CR9		SEMICONDUCTOR DEVICE: MIL type IN965B.	
A4L1		COIL, RF, FIXED: 470 uh, $\pm 10\%$ tol, 10 ohms max. dc res, 0.157 in. dia, 0.450 in. lg. 82679 P/N CL275-471.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4L2 thru A4L5 A4Q1 A4R1 thru A4R6 A4R7 A4R8 A4R9 A4R10 A4R11 A4R12 A4R13 A4R14 A4Z1		SAME AS A4L1. TRANSISTOR: MIL type 2N3013. SAME AS A2R7. RESISTOR: MIL type RC07GF223J. SAME AS A4R7. SAME AS A4R7. SAME AS A4R7. SAME AS A2R1. SAME AS A2R1. RESISTOR: MIL type RC07GF223J. SAME AS A2R1. INTEGRATED CIRCUIT, COMPLEMENTARY EMITTER FOLLOWER: 11 pins, plastic case; supply voltage, -12 v. 0.875 in. lg. by 0.625 in. wd by 0.438 in. hg. 82679 P/N NW147-2.	
A4Z2 A4Z3 A4Z4		SAME AS A4Z1. SAME AS A2Z10. INTEGRATED CIRCUIT, DIGITAL AND GATE: 11 pins, plastic case; supply voltage, -12 v. 0.875 in. lg by 0.625 in. wd by 0.125 in. hg. 82679 P/N NW142-24.	
A4Z5 A4Z6 A4Z7 A4Z8 A4Z9 A4Z10 A4Z11		SAME AS A4Z4. SAME AS A3Z9. SAME AS A2Z10 SAME AS A2Z6. SAME AS A2Z6. SAME AS A2Z6. SAME AS A2Z6.	
A5		CIRCUIT CARD ASSEMBLY: 20 resistors, 6 capacitors, 5 coils, 7 integrated circuits, 4 transistors, 10 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4572.	
A5C1		CAPACITOR, FIXED, ELECTROLYTIC: 4.7 uf, $\pm 10\%$ tol, 35 wvdc. 0.175 in. dia by 0.438 in. lg. 82679 P/N CE123-475-35B2.	
A5C2		SAME AS A5C1.	
A5C3		SAME AS A4C1.	
A5C4		CAPACITOR, FIXED, ELECTROLYTIC: 100 uf, $\pm 10\%$ tol, 20 wvdc. 0.175 in. dia by 0.438 in. lg. 82679 P/N CE123-107-20S2.	
A5C5		SAME AS A4C1.	
A5C6		SAME AS A4C1.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A5CR1 thru A5CR7 A5CR8 A5CR9 A5CR10 A5CR11 A5CR12		SAME AS A2CR1. SAME AS A2CR1. SAME AS A1CR1. SAME AS A2CR1. SAME AS A1CR1. SAME AS A2CR1. SAME AS A2CR1.	
A5L1 thru A5L5 A5Q1 A5Q2 A5Q3 A5Q4 A5R1 A5R2 A5R3 A5R4 A5R5		SAME AS A4L1. SAME AS A4Q1. SAME AS A4Q1. SAME AS A4Q1. TRANSISTOR: MIL type 2N492A. SAME AS A2R1. SAME AS A2R1. SAME AS A2R1. SAME AS A2R1. RESISTOR, VARIABLE: 1 Meg ohm, +20% tol, printed circuit type pins. 0.312 by 0.250 by 1.250 in. o/a dim. 82679 P/N RV127-1-105.	
A5R6 A5R7 A5R8 A5R9 A5R10 A5R11 A5R12 A5R13 A5R14 A5Z1 A5Z2 A5Z3 A5Z4 A5Z5 A5Z6		RESISTOR: MIL type RC07GF332J. RESISTOR: MIL type RC07GF153F. RESISTOR: MIL type RC07GF272J. SAME AS A2R1. SAME AS A5R8. RESISTOR: MIL ype RC07GF102J. RESISTOR: MIL type RC07GF221J. SAME AS A2R1. SAME AS A2R1. SAME AS A2Z10. SAME AS A3Z6. SAME AS A2Z10. SAME AS A2Z10. SAME AS A3Z6.	
A5Z7		INTEGRATED CIRCUIT, DIGITAL NAN GATE AMPLIFIER: 11 pins, plastic case; supply voltage, + and - 12 v. 0.875 in. lg by 0.625 in. wd by 0.438 in. hg. 82679 P/N NW144-22. SAME AS A4Z1.	
A6		CIRCUIT CARD ASSEMBLY: 22 integrated circuits, plug-in item 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4580.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6Z1 thru A6Z22		INTEGRATED CIRCUIT, NAND/NOR: 14 pins, plastic case; +8 vdc supply voltage. 0.750 in. lg by 0.250 in. wd by 0.200 in. hg. 82679 P/N NW173.	
A9		CIRCUIT CARD ASSEMBLY: 12 resistors, 12 integrated circuits, 8 transistors, 8 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4582.	
A9CR1 thru		SAME AS A2CR1.	
A9CR8		SAME AS A2CR1.	
A9Q1 thru		SAME AS A4Q1.	
A9Q8		SAME AS A4Q1.	
A9R1 thru		RESISTOR: MIL type RC07GF822J.	
A9R4		RESISTOR: MIL type RC07GF822J.	
A9R5		SAME AS A5R12.	
A9R6		SAME AS A5R12.	
A9R7		SAME AS A5R12.	
A9R8		RESISTOR: MIL type RC07GF393J.	
A9R9		SAME AS A9R8.	
A9R10		SAME AS A9R8.	
A9R11		SAME AS A9R12.	
A9R12		SMAY AS A9R8.	
A9Z1 thru		SAME AS A6Z1.	
A9Z11		SAME AS A6Z1.	
A9Z12		INTEGRATED CIRCUIT, NAND/NOR: 14 pins, plastic case; +8 vdc supply voltage. 0.750 in. lg by 0.250 in. wd by 0.200 in. hg. 82679 P/N NW172.	
A10		CIRCUIT CARD ASSEMBLY: 28 resistors, 4 capacitors, 9 transistors, 9 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4613.	
A10C1		CAPACITOR, FIXED, ELECTROLYTIC: 2 uf, -15% +50% tol, 50 wvdc. 0.145 in. dia by 0.656 in. lg, wire lead mtd. Dwg CE107-6, 01002 P/N 62F305.	
A10C2		CAPACITOR, FIXED, ELECTROLYTIC: 2 uf, +50-15% tol, 60 wvdc, non-polarized. 0.187 in. dia by 0.688 in. lg; wire leads. Dwg CX118E2N60C1, 05079 P/N TEF2-60C1N.	
A10C3		SAME AS A10C1.	
A10C4		SAME AS A10C1.	
A10CR1		NOT USED.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A10CR2		SAME AS A1CR1.	
A10CR3		SAME AS A1CR1.	
A10CR4		SAME AS A1CR1.	
A10CR5		SAME AS A1CR1.	
A10CR6		SEMICONDUCTOR DEVICE: MIL type IN277.	
A10CR7		SAME AS A2CR1.	
A10CR8		RECTIFIER: MIL type 2N2323.	
A10CR9		SAME AS A10CR6.	
A10CR10		SAME AS A2CR1.	
A10Q1		TRANSISTOR: MIL type 2N2222.	
A10Q2		SAME AS A10Q1.	
A10Q2		SAME AS A10Q1.	
A10Q3		SAME AS A10Q1.	
A10Q4		TRANSISTOR: MIL type 2N2219.	
A10Q5		SAME AS A10Q4.	
A10Q6		SAME AS A10Q1.	
A10Q7		SAME AS A10Q1.	
A10Q8		SAME AS A10Q1.	
A10Q9		SAME AS A5Q4.	
A10R1		SAME AS A5R12.	
A10R2		SAME AS A5R3.	
A10R3		RESISTOR: MIL type RC07GF562J.	
A10R4		SAME AS A5R11.	
A10R5		SAME AS A5R11.	
A10R6		SAME AS A9R8.	
A10R7		RESISTOR: MIL type RC07GF181J.	
A10R8		SAME AS A9R8.	
A10R9		SAME AS A9R8.	
A10R10		SAME AS A10R7.	
A10R11		SAME AS A5R12.	
A10R12		SAME AS A5R12.	
A10R13		SAME AS A5R12.	
A10R14		RESISTOR: MIL type RC07GF474J.	
A10R15		RESISTOR: MIL type RC32GF151J.	
A10R16		SAME AS A5R11.	
A10R18		SAME AS A5R11.	
A10R19		RESISTOR: MIL type RC07GF472J.	
A10R20		RESISTORS: MIL type RC32GF101J.	
A10R21		SAME AS A5R11.	
A10R22		SAME AS A5R11.	
A10R23		SAME AS A10R14.	
A10R24		SAME AS A9R8.	
A10R25		SAME AS A10R19.	
A10R26		SAME AS A5R12.	
A10R27		SAME AS A2R7.	
A10R28		RESISTOR: MIL type RC07GF331J.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A11		CIRCUIT CARD ASSEMBLY: 22 resistors, 12 capacitors 2 integrated circuits, 4 transistors, 5 semiconduc- tors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4614.	
A11C1		CAPACITOR: MIL type CL27BH4R50N3.	
A11C2		SAME AS A10C2.	
A11C3		CAPACITOR, FIXED, CERAMIC: 220 uuf, +10% tol, 500 wvdc, 0.310 in. dia, 0.156 in. th k, 0.250 in. lead spacing. 82679 P/N CC100-6.	
A11C4		SAME AS A4C1.	
A11C5		SAME AS A10C2.	
A11C6		CAPACITOR, FIXED, PLASTIC: 1.5 ufd, +5% tol, 50 wvdc 0.200 in. dia by 0.500 in. lg; wire leads. 82679 P/N CN114-1R5-5J.	
A11C7		CAPACITOR, FIXED, ELECTROLYTIC: 10 uf, +75-15% tol, 15 wvdc, non-polarized. 0.187 in. dia by 0.688 in. lg; wire leads. Dwg CX118E10N15C1, 05079 P/N TEF10-15V1N.	
A11C8		SAME AS A4C1.	
A11C9		SAME AS A11C3.	
A11C10		CAPACITOR: MIL type, CL65BF101MP3.	
A11C11		CAPACIATOR, FIXED, CERAMIC: 470 uuf, +10% tol, 500 wvdc, 0.310 in. dia, 0.156 in. thk. 0.310 in. dia, 0.156 in. thk, 0.250 in. lead spacing. 82679 P/N CC100-7.	
A11C12		CAPACITOR, FIXED, PLASTIC: 0.068 uf, +5% tol, 50 wvdc; 0.200 in. dia. by 0.500 in. lg; wire leads. 82679 P/N CN114-0R68-5J.	
A11CR1		SAME AS A2CR1.	
A11CR2		SAME AS A2CR1.	
A11CR3		SAME AS A10CR6.	
A11CR4		SAME AS A10CR6.	
A11CR5		SAME AS A1CR1.	
A11Q1		TRANSISTOR: MIL type 2N1485.	
A11Q2		SAME AS A11Q1.	
A11Q3		SAME AS A11Q1.	
A11Q4		TRANSISTOR: MIL type 2N3499.	
A11R1		RESISTOR: MIL type RC07GF225J.	
A11R2		RESISOTR: MIL type RC07GF682J.	
A11R3		SAME AS A5R11.	
A11R4		SAME AS A5R11.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A11R5		SAME AS A5R6.	
A11R6		RESISTOR: MIL type RC07GF273J.	
A11R7		SAME AS A4R7.	
A11R8		SAME AS A10R19.	
A11R9		RESISTOR: MIL type RC07GF563J.	
A11R10		SAME AS A5R8.	
A11R11		SAME AS A4R7.	
A11R12		RESISTOR: MIL type RC07GF123J.	
A11R13		RESISTOR: MIL type RC07GF152J.	
A11R14		RESISOTR: MIL type RC32GF511J.	
A11R15		SAME AS A5R6.	
A11R16		SAME AS A4R13.	
A11R17		RESISTOR: IL type RC07GF471J.	
A11R18		RESISTOR: MIL type RC20GF431J.	
A11R19		RESISTOR: MIL type RC20GF222J.	
A11R20		RESISTOR: MIL type RC32GF222J.	
A11R21		RESISTOR: MIL type RC20GF1R0J.	
A11R22		SAME AS A11R21.	
A11Z1		INTEGRATED CIRCUIT, OPERATIONAL AMPLIFIER: 8 pins, metal case. Supply voltage $\pm 18V$. Case; 0.375 in. dia by 0.187 in. hg. 82679 P/N NW156.	
A11Z2		SAME AS A11Z1.	
A12		CIRCUIT CARD ASSEMBLY; 9 resistors, 3 capacitors, 6 semiconductors, plug-in item; 3.75 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4602.	
A12C1		CAPACIATOR, FIXED, ELECTROLYTIC: 20 uf, -10% +150% at 125 cps, 25°C, 50 wvdc, 0.312 in. dia, 0.750 in. lg. Dwg CE105-20-50, 14655 P/N NLW20-50.	
A12C2		CAPACITOR, FIXED, CERMAIC: 100,000 uuf, GMV, 500 wvdc, 0.310 in. dia, 0.156 in. thk, 0.250 in. lead spacing. 82679 P/N CC100-28.	
A12C3		SAME AS A12C2.	
A12CR1		SAME AS A1CR1.	
A12CR2		SAME AS A1CR1.	
A12CR3		SAME AS A1CR1,.	
A12CR4		RECTIFIER, SEMICONDUCTOR DEVICE: 200 PIV; plastic case, 4 wire lead mounted. 0.750 in. lg by 0.750 in. wd by 0.438 in. hg. 82679 P/N DD143-27.	
A12CR5		SEMICONDUCTOR DEVICE: MIL type IN4721.	
A12CR6		SAME AS A1CR1.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A12R1 A12R2		RESISTOR: MIL type RC42GF122J. RESISTOR: FIXED, WIRE WOUND: 1 ohm, $\pm 5\%$ tol, 5 watts. 0.250 in. dia, by 1.000 in. lg, wire lead mounted. 82679 P/N RR114-1W.	
A12R3 A12R4 A12R5		SAME AS A12R2. SAME AS A12R2. RESISTOR, FIXED, WIRE WOUND: 500 ohm, $\pm 5\%$ tol, 5 watts. 0.250 in. dia, by 1.000 in. lg wire lead mounted. 82679 P/N RR114-500W.	
A12R6 A12R7 A12R8 A12R9		SAME AS A12R5. SAME AS A12R2. SAME AS A12R2. RESISTOR: MIL type RC32GF100J.	
A13		CIRCUIT CARD ASSEMBLY: 22 resistors, 7 capacitors, 2 integrated circuits, 3 transistors, 2 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4601.	
A13C1		CAPACITOR, FIXED, ELECTROLYTIC: 15 uf, $-10\% + 150\%$ at 125 cps, 20°C, 15 wvdc, 0.437 in. dia, 1.625 in. lg. Dwg CE105-15-25, 14655 P/N NLW15-25.	
A13C2		CAPACITOR: FIXED, ELECTROLYTIC: 100 uf, $-10\% + 150\%$ at 125 cps, 25° 100 wvdc, 0.437 in. dia, 1.625 in. lg. Dwg CE105-100-25, 14655 P/N NLW100-25.	
A13C3 A13C4		SAME AS A5C4. CAPACITOR, FIXED, MICA: 47 uuf, $\pm 2\%$ tol, 300 wvdc. 0.440 in. lg, 0.472 in. wd. 0.170 in. thk. 82679 P/N CM111E470G3S.	
A1305 A13C6 A13C7 A13CR1		SAME AS A13C4. SAME AS A5C1. SAME AS A5C1. RECTIFIER, SEMICONDUCTOR DEVICE: peak reverse volts 260 v. 1.5 vdc output current, 0.688 in. wd, 0.469 in. hg, 0.250 in. thk. 82679 P/N DD130-200-1.5.	
A13CR2		RECTIFIER, SEMICONDUCTOR DEVICE: 200 PIV; plastic case, 4 wire lead mounted. 0.750 in. lg by 0.750 in. wide by 0.438 in. hg. 82679 P/N DD143-27.	
A13Q1 A13Q2 A13Q3		SAME AS A11Q1. TRANSISTOR: MIL type 2N4036. SAME AS A13Q2.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A13R1		RESISTOR: MIL type RC20GF680J.	
A13R2		RESISTOR: MIL type RC20GF560J.	
A13R3		RESISTOR: MIL type RC20GF561J.	
A13R4		RESISTOR: MIL type RC20GF272J.	
A13R5		RESISTOR: MIL type RC20GF183J.	
A13R6		RESISTOR, FIXED, WIRE WOUND: 3 ohms, $\pm 5\%$ tol, 5 watts. 0.250 in. dia by 1.000 in. lg, wire lead mounted. 82679 P/N RR114-3W.	
A13R7		SAME AS A11R21.	
A13R8		SAME AS A11R21.	
A13R9		RESISTOR: MIL type RC32GF271J.	
A13R10		SAME AS A13R4.	
A13R11		RESISTOR: MIL type RC20GF122J.	
A13R12		SAME AS A13R5.	
A13R13		SAME AS A13R4.	
A13R14		SAME AS A12R2.	
A13R15		SAME AS A13R1.	
A13R16		SAME AS A13R2.	
A13R17		RESISTOR: MIL TYPE RC20GF361J.	
A13R18		RESISTOR: MIL type RC42GF271J.	
A13R19		SAME AS A11R21.	
A13R20		SAME AS A11R21.	
A13R21		SAME AS A11R21.	
A13R22		SAME AS A11R21.	
A13Z1		VOLTAGE REGULATOR: input voltage - 40v; output voltage - 30 v; power dissipation 400 mw. 0.330 in. dia by 0.175 in. deep. 8 pin leads 0.500 in. lg. 82679 P/N VR104.	
A13Z2		SAME AS A13Z1.	
A14		CIRCUIT CARD ASSEMBLY: 18 resistor, 5 capacitors, 2 integrated circuits, 4 transistors, 2 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4599.	
A14C1		SAME AS A5C1.	
A14C2		CAPACITOR, FIXED, ELECTROLYTIC: 4.7 uf, $\pm 10\%$ tol, 50 wvdc. 0.175 in. dia by 0.438 in. lg. 82679 P/N CE123-475-50B2.	
A14C3		CAPACITOR, FIXED, MICA: 47 uuf, $\pm 2\%$ tol, 300 wvdc, 0.440 in. lg, 0.473 in, wd 0.170 in. thk. 82679 P/N CM111E470G3S.	
A14C4		CAPACITOR, FIXED, CERAMIC: 100,000 uuf, $\pm 80\% - 20\%$ 100 wvdc, 0.690 in. dia, 0.156 in. thk, 0.375 in. lead spacing. 82679 P/NCC100-28.	

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REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A14C5 A14C6		SAME AS A14C3. CAPACITOR, FIXED, CERAMIC: 100,000 uuf, +80% -20% tol, 25 wvdc. 0.593 in. dia by 0.156 in. thk. 82679 P/N CC100-44.	
A14CR1		SAME AS A13CR1.	
A14CR2		SAME AS A12CR4.	
A14Q2		SAME AS A12CR4.	
A14Q1		SAME AS A11Q1.	
A14Q2		SAME AS A13Q2.	
A14Q3		SAME AS A11Q1.	
A14Q4		SAME AS A13Q2.	
A14R1		RESISTOR: MIL type RC42GF102J.	
A14R2		SAME AS A13R1.	
A14R3		SAME AS A13R2.	
A14R4		RESISTOR: MIL type RC20GF181J.	
A14R5		RESISTOR: MIL type RC20GF101J.	
A14R6		RESISTOR: MIL type RN60D3901F.	
A14R7		SAME AS A13R6.	
A14R8		RESISTOR: MIL type RN60D8201F.	
A14R9		SAME AS A11R21.	
A14R10		SAME AS A11R21.	
A14R11		SAME AS A13R1.	
A14R12		SAME AS A13R2.	
A14R13		RESISTOR: MIL type RC20GF242J.	
A14R14		RESISTOR: MIL type RN60D2401E.	
A14R15		RESISTOR: MIL type RN60D3902F.	
A14R16		SAME AS A12R2.	
A14R17		SAME AS A11R21.	
A14R18		SAME AS A11R21.	
A14Z1		SAME AS A13Z1.	
A15		SWITCH, STEPPING: remote - controlled type, direct drive type, unidirectional drive, 7 sections, posi- tions, 14 wipers, 66 contacts, bracket housed plug- in type; 5.625 in. lg by 4.25 in. hg by 4.25 in. wd 82679 P/N AX5027.	
A15J1		SAME AS J7.	
A15A1		CIRCUIT CARD ASSEMBLY: 3 capacitors, 19 semiconduc- tor devices, part of AX5027 in. lg by 4.125 in. wd 0.750 in. hg. 82679 P/N A4485.	
A15A1C1		SAME AS A5C1.	
A15A1C2		SAME AS A10C2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A15A1C3 A15A1CR1 thru A15A1CR16 A15A1CR17 A15A1CR18 A15A1CR19		<p data-bbox="477 268 700 296">SAME AS A10C2.</p> <p data-bbox="477 365 700 392">SAME AS A2CR1.</p> <p data-bbox="477 399 1314 489">ABSORBER, OVERVOLTAGE: oper voltage, 28 v nom, 33v maximum. Maximum reverse 10vdc. 0.438 in. lg 0.500 in. wd, 0.219 in. thk. 82679 P/N DD111-1.</p> <p data-bbox="477 495 700 522">SAME AS A1CR1.</p> <p data-bbox="477 529 1248 648">NOTE: The following is an unsymbolized "Printed Wiring Board: colloquially known as riser card, extender card etc. It is used in the testing of "Circuit Card Assemblies".</p> <p data-bbox="477 684 700 711">A4552 Qty. 1.</p>	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
5		RIMU-41B, CONVERTER-STORER, SIGNAL DATA, CV-2520 (V)/URC, A combination serial-to-parallel converter and temporary storage (memory) device for information transmitted in teletype code. The converter section receives teletype codes in serial pulse form from standard teletype receiving equipment and converts the bits of the codes into a parallel form for introduction into the memory section. The memory section receives and stores the code bits for further processing by a decoder to move the automated transmitter or receiver controls.	
A1		CIRCUIT CARD ASSEMBLY: 6 resistors, 3 capacitors, 1 relay, 1 transistor, 4 semiconductors, plug-in item; 4.375 in. lg by 4.125 in wd by 0.375 in. hg. 82679 P/N A4494.	
A2		CIRCUIT CARD ASSEMBLY: 6 resistors, 3 capacitors, 1 coil, 12 integrated circuits, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4565.	
A3		CIRCUIT CARD ASSEMBLY: 1 capacitor, 11 integrated circuits, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4566.	
A4		CIRCUIT CARD ASSEMBLY: 3 resistors, 11 integrated circuits; 8 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4567.	
A5		NOT USED.	
A6		CIRCUIT CARD ASSEMBLY: 7 resistors, 6 capacitors, 11 integrated circuits, 4 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4569.	
A7		CIRCUIT CARD ASSEMBLY: 5 resistors, 11 integrated circuits, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4610.	
A8		NOT USED.	
A9		NOT USED.	
A10		CIRCUIT CARD ASSEMBLY: 29 resistors, 9 capacitors, 3 integrated circuits, 5 transistors, 2 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4549.	
A11		CIRCUIT CARD ASSEMBLY: 1 resistor, 1 capacitor, 1 coil, 3 semiconductors, plug-in item; 3.575 in. lg by 2.937 in. wd by 0.750 in. hg. 82679 P/N A4626; P/O 82679 P/N AX5009.	
B1		FAN, AXIAL: 115 vac, 50/60 Hz, 3300 RPM. Plastic blade, aluminum housing with black enamel finish. Housing size; 3.625 in. by 3.625 in. by 1.500 in. o/a. 82679 P/N BL131.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
C1		CAPACITOR, FIXED, ELECTROLYTIC: 2600 uf, 50 wvdc, 1.438 in. dia 3.500 in. lg. Dwg CE112-6. 80183 P/N 35D262G050AB6B.	
C2		SAME AS C1.	
C3		SAME AS C1.	
CR1		SEMICONDUCTOR DEVICE: MIL type 1N2989RB.	
CR2		RECTIFIER, SEMICONDUCTOR DEVICE: 100 PIV per leg DC or recurrent volts; full wave rectification. 1.125 in. lg by 1.125 in. wd by 0.206 in. hg. Solder lug terminals. Dwg RX108-2. 14099 P/N SCBA-1.	
DS1		LAMP, INCANDESCENT: single contact, T-1-3/4 base, 28 vac or dc, 0.04 amps. Dwg BI110-7. 08806 P/N 327.	
DS2		SAME AS DS1.	
F1		FUSE, CARTRIDGE TYPE: 1.2 amps, 125 v 0.250 in. dia, 1.250 in. lg. Dwg FU102-1 71400 P/N MDL-1.	
F2		SAME AS F1.	
FL1		FILTER, RADIO INTERFERENCE: current, 1 amp; voltage rating, 600 vdc, 250 vac, at 60 cps; 1.000 in. dia, 2.688 in. lg. Dwg FI105-1. 80183 P/N 1JX130.	
FL2		SAME AS FL1.	
J1		CONNECTOR: MIL type MS3102A14S-1P.	
J2		NOT USED.	
J3		CONNECTOR: MIL type MS3102A32-414S.	
J4		CONNECTOR: MIL type MS3102A20-27P.	
K1		RELAY ARMATURE, DC: DPDT, 40 milliwatt sensitivity. Coil data: 7.8 milliamps, 1500 ohms. Operate time; 15 milliseconds. Release time: 10 milliseconds. Hermetically sealed metal case 1.281 in. hg by 0.800 in. wd by 0.400 in. thk. Bracket mounted. 82679 P/N RL178-06D5R2.	
Q1		TRANSISTOR: MIL type 2N3055.	
S1		SWITCH: MIL type ST22K.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
T1		TRANSFORMER, POWER, S/D: Primary, 115/230 v, 50/60 Hz, 1 phase; Secondary, 20 v, 100 madc; 27 v, 140 madc; 18v. 190 madc; 18 v, 1.8 adc. Hermetically sealed metal case, stud mtd. 3.563 in. lg. by 1.063 in. wd by 3.875 in. hg, Solder stud terminals. 82679 P/N TF378.	
T11		TERMINAL BOARD: barrier type; two 6.32 thd single screw terminals and feed thru solder lugs. Phenolic body 0.406 in. by 0.875 in. by 1.500 in. Dwg TM100-2. 75382 P/N 600AY2.	
X11 X111 X112		CONNECTOR, RECEPTACLE, ELECTRICAL: 22 double sided female contacts rated at 5 amps and 1800 volts RMS. Phenolic housing with floating bushing and eyelet terminals. Accepts printed circuit board thickness of 0.054 in. to 0.071 in. 82679 P/N JJ319-22-DFE.	
X111		LIGHT, INDICATOR: blue lens. 1.35 to 28 v, T=1-3/4 lamp base. 2 terminals, 0.437 in. dia by 1.500 in. lg. Dwg TS153-11. 72619 P/N 162-8430-1474-502.	
X112		LIGHT, INDICATOR: translucent white lens. 1.35 to 28 v, T=1-3/4 lamp base. 2 terminals, 0.437 in. dia by 1.500 in. lg. Dwg TS153-5. 72619 P/N 152-8430-0975-502.	
X11		FUSEHOLDER, LAMP INDICATING: 90-250 volts, 15 amps. clear knob, accomodates 1/4 in. dia X 1-1/4 in. lg fuse. Dwg FH104-3. 71400 P/N HKL-X.	
X12		SAME AS X11.	
X11		SOCKET, RELAY: 8 pins, phenolic body. 0.375 in. wd by 2.000 in. lg by 0.281 in. hg. Dwg TS195. 91663 P/N HRC-1.	
X11		SOCKET, SEMICONDUCTOR DEVICE: 2 pin contact accomo- dation, 0.040 in. or 0.050 in. dia; Polarized; 1 term. lug grounding strap; 1.578 in. lg, 1.000 in. wd, 0.172 in. thk. Dwg TS166-1. 91506 P/N 8038- 1G1.	
X11		CIRCUIT CARD ASSEMBLY: 6 resistors, 3 capacitors, 1 relay, 1 transistor, 4 semiconductors, plug-in type; 0.640 in. lg, 0.591 in. wd, 0.198 in. thk. 82679 P/N A4494.	
X11		CAPACITOR, FIXED, MICA: 1,000 uuf, +1% tol, 500 wvdc. 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CML11F102F1S.	
X112		CAPACITOR: Mil type CL65BG101KP3. SAME AS A1C2.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A1CR1 A1CR2 A1CR3 A1CR4		SEMICONDUCTOR DEVICE: Mil type 1N4245. SAME AS A1CR1. SAME AS A1CR1. RECTIFIER, SEMICONDUCTOR, DEVICE: peak reverse v, 260 v. 1.5 vdc output current; 0.688 in. wd, 0.469 in. hg, 0.250 in. thk. 82679 P/N DD130-200-1.5.	
A1K1		RELAY, ARMATURE: mercury wetted contacts rated at 2 amps max, 500 v. max. 2 windings rated at 250 ohms each \pm 10%. 2.063 in. lg by 0.625 in. wide, wire lead mounted. 82679 P/N RL167.	
A1Q1 A1R1 A1R2 A1R3 A1R4		TRANSISTOR: MIL type 2N3013. RESISTOR: MIL type RC20GF472J. RESISTOR: MIL type RC32GF271J. SAME AS A1R1.	
A1R5 A1R6		RESISTOR, VARIABLE, COMPOSITION: 100 ohms, \pm 10% tol, clockwise modified log taper. 0.500 in. dia by 0.563 in. hg, wire lead mounted. 82679 P/N RV111- U-102A.	
A1R5 A1R6		RESISTOR: MIL type RC32GF101J. RESISTOR: MIL type RC32GF221J.	
A2		CIRCUIT CARD ASSEMBLY: 6 resistors, 3 capacitors, 1 coil, 12 integrated circuits, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4565.	
A2C1		CAPACITOR, FIXED, METALLIZED: 18,000 pf, \pm 5% tol. 0.250 in. dia by 0.438 in. lg. 82679 P/N CN112A185J.	
A2C2		SAME AS A2C1.	
A2C3		CAPACITOR, FIXED, MICA: 1300 uuf, \pm 1% tol, 500 wvdc, 0.640 in. lg, 0.591 in. wd, 0.198 in. thk. 82679 P/N CM112F152D5S.	
A2L1		COIL, RF, FIXED: 100 uh, \pm 10%, 17.5 ohms max dc res., 0.157 dia by 0.450 in. lg. 82679 P/N CL275-102.	
A2R1		RESISTOR: MIL type RC07GF472J.	
A2R2		RESISTOR, VARIABLE, WIRE WOUND: 500 ohms, \pm 10% tol 1/2 watt. 1.250 in. lg by 1.250 in. wd by 0.313 in. hg, wire lead mounted. 82679 P/N RV121-1-501.	
A2R3		RESISTOR: MIL type RC32GF331J.	
A2R4		RESISTOR: MIL type RC07GF122J.	
A2R5		RESISTOR: MIL type RC07GF392J.	
A2R6		SAME AS A2R4.	
A2Z1		INTEGRATED CIRCUIT, DIGITAL FLIP-FLOP: 11 pins, plastic case; -4.5v input, -9.5v output. 0.895 in. lg by 0.678 in. wd by 0.495 in. hg. 82679 P/N NW151.	
A2Z2		INTEGRATED CIRCUIT, DIGITAL TIMING GENERATOR: 11 pins, plastic case; -8v output. 0.895 in. lg by 0.678 in. wd by 0.495 in. hg. 82679 P/N NW152.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A2Z3		INTEGRATED CIRCUIT, DIGITAL, SINGLE SHOT GENERATOR: 11 pins, plastic case; supply voltage + and -12v. 0.875 in. lg by 0.625 in. wd by 0.438 in. hg. 82679 P/N NW153.	
A2Z4		INTEGRATED CIRCUIT, DIGITAL GATE: 11 pins, plastic case; supply voltage, -12 v. 0.875 in. lg by 0.625 in. wd by 0.125 in. hg. 82679 P/N NW142-24.	
A2Z5		INTEGRATED CIRCUIT, DIGITAL AND GATE: 11 pins, plastic case; supply voltage, -12 v. 0.875 in. lg by 0.625 in. wd by 0.438 in. hg. 82679 P/N NW142-43.	
A2Z6		SAME AS A2Z5.	
A2Z7		SAME AS A2Z4.	
A2Z8		INTEGRATED CIRCUIT, DIGITAL INVERTER: 11 pins, plastic case; supply voltage variable by usage. 0.875 in. lg by 0.625 in. wd by 0.438 in. hg. 82679 P/N NW150-4.	
A2Z9		SAME AS A2Z1.	
A2Z10		SAME AS A2Z1.	
A2Z11		SAME AS A2Z1.	
A2Z12		INTEGRATED CIRCUIT, COMPLEMENTARY EMITTER FOLLOWER: 11 pins, plastic case; -12v supply. 0.875 in. lg by 0.625 in. wd by 0.875 in. hg. 82679 P/N NW147-2.	
A3		CIRCUIT CARD ASSEMBLY: 1 capacitor, 11 integrated circuits, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.740 in. hg. 82679 P/N A4566.	
A3C1		CAPACITOR, FIXED, MICA: 470 uuf, $\pm 1\%$ tol, 500 wvdc, 0.640 in. lg by 0.591 in. wd by 0.198 in. thk. 82679 P/N CM111F471F5S.	
A3Z1 thru A3Z6 A3Z7		SAME AS A2Z1.	
A3Z8		INTEGRATED CIRCUIT, DIGITAL AND GATE: 11 pins, plastic case; -12 v supply. 0.875 in. lg by 0.625 in. wd by 0.438 in. hg. 82679 P/N NW141-91.	
A3Z9		SAME AS A2Z1.	
A3Z10		INTEGRATED CIRCUIT, DIGITAL GATE: 11 pins, plastic case; -12 v supply. 0.875 in. lg by 0.625 in. wd by 0.438 in. lg. 82679 P/N NW141-42.	
A3Z11		SAME AS A2Z4.	
A3Z11		SAME AS A2Z4.	
A4		CIRCUIT CARD ASSEMBLY: 3 resistors, 11 integrated circuits, 8 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4567.	
A4CR1		SEMICONDUCTOR DEVICE: MIL type, 1N914.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A4CR2 thru A4CR8 A4R1 A4R2 A4R3 A4Z1 thru A4Z5 A4Z6 A4Z7 thru A4Z9 A4Z10 A4Z11		SAME AS A4CR1. RESISTOR: MIL type RC07GF102J. SAME AS A4R1. SAME AS A4R1. SAME AS A2Z1. SAME AS A2Z8. SAME AS A3Z9. SAME AS A2Z5. SAME AS A2Z5.	
A6		CIRCUIT CARD ASSEMBLY: 7 resistors, 6 capacitors, 11 integrated circuits, 4 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4569.	
A6C1		CAPACITOR, FIXED, PLASTIC: 4 uf, \pm 5% tol, 50 wvdc, 0.625 in. dia by 1.063 in. lg; wire leads. 82679 P/N CN114-4R0-5J.	
A6C2		SAME AS A6C1.	
A6C3		CAPACITOR, FIXED, MICA: 6200 uuf, \pm 2% tol, 300 wvdc, 0.690 in. lg, 0.560 in. wd, 0.320 in. thk. 82679 P/N CM112F622G3S.	
A6C4		SAME AS A6C3.	
A6C5		CAPACITOR, FIXED, MICA: 200 uuf, \pm 5% tol, 500 wvdc, 0.400 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111F221G5S.	
A6C6		CAPACITOR, FIXED, MICA: 1000 pf, \pm 1/2% tol, 500 wvdc. 0.790 in. lg by 0.570 in. wd by 0.340 in. thk. 82679 P/N CM112F102D5S.	
A6CR1		SAME AS A1CR1.	
A6CR2		SAME AS A4CR1.	
A6CR3		SAME AS A4CR1.	
A6CR4		SAME AS A4CR1.	
A6R1		SAME AS A4R1.	
A6R2		RESISTOR: MIL type RC07GF473J.	
A6R3		SAME AS A4R1.	
A6R4		RESISTOR: MIL type RC07GF182J.	
A6R5		SAME AS A4R4.	
A6R6		SAME AS A4R1.	
A6Z1		SAME AS A2Z2.	
A6Z2		SAME AS A2Z2.	
A6Z3		SAME AS A2Z8.	
A6Z4		SAME AS A2Z8.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A6Z5 A6Z6 A6Z7 A6Z8 A6Z9 A6Z10 A6Z11		SAME AS A3Z9. SAME AS A2Z4. SAME AS A1Z3. SAME AS A1Z1. SAME AS A2Z8. SAME AS A2Z12. SAME AS A3Z9.	
A7		CIRCUIT CARD ASSEMBLY: 5 resistors, 11 integrated circuits, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4610.	
A7R1 thru A7R5 A7Z1 thru A7Z5 A7Z6 A7Z7 thru A7Z10 A7Z11		SAME AS A4R1. INTEGRATED CIRCUIT, SHIFT REGISTER, 32 BIT: 8 pins, metal case. -30 to +0.3 v input. 0.370 in. dia by 0.175 in. hg. 82679 P/N NW175. SAME AS A3Z9. SAME AS A2Z8. SAME AS A2Z4.	
A8		NOT USED.	
A9		NOT USED.	
A10		CIRCUIT CARD ASSEMBLY: 29 resistors, 9 capacitors, 3 integrated circuits, 5 transistors, 2 semiconductors, plug-in item; 4.375 in. lg by 4.125 in. wd by 0.750 in. hg. 82679 P/N A4545.	
A10C1		CAPACITOR, FIXED, ELECTROLYTIC: 4.7 uf, +10% tol, 50 wvdc. 0.175 in. dia by 0.438 in. dia by 0.438 in. lg. 82679 P/N CE123-475-50B2.	
A10C2		CAPACITOR, FIXED, 100,000 uuf, +80% -20% tol, 25 wvdc. 0.593 in. dia by 0.156 in. thk. 82679 P/N CC100-44.	
A10C3		CAPACITOR, FIXED, MICA: 4 uuf, +2% tol, wvdc. 0.440 in. lg by 0.473 in. wd by 0.170 in. thk. 82679 P/N CM111E470G5S.	
A10C4		CAPACITOR, FIXED, ELECTROLYTIC: 47 uf, +10% tol, 35 wvdc. 0.175 in. dia by 0.438 in. lg. 82679 P/N CE123-475-35B.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A10C5		CAPACITOR, FIXED, ELECTROLYTIC: 100 uf, +10% tol, 20 wvdc. 0.341 in. dia by 0.750 in. lg. 82679 P/N CE123-107-20S2.	
A10C6		SAME AS A10C3.	
A10C7		SAME AS A10C4.	
A10C8		SAME AS A10C3.	
A10C9		SAME AS A10C2.	
A10CR1		SAME AS A1CR4.	
A10CR2		SAME AS A1CR4.	
A10Q1		TRANSISTOR: MIL type 2N1485.	
A10Q2		TRANSISTOR: MIL type 2N4036.	
A10Q3		SAME AS A10Q2.	
A10Q4		SAME AS A10Q1.	
A10Q5		SAME AS A10Q2.	
A10R1		RESISTOR: MIL type RC32GF222J.	
A10R2		RESISTOR: MIL type RC07GF6R8J.	
A10R3		RESISTOR: MIL type RC20GF680J.	
A10R4		RESISTOR: MIL type RC20GF560J.	
A10R5		RESISTOR: MIL type RN60D3922D.	
A10R6		RESISTOR: MIL type RC20GF122J.	
A10R7		RESISTOR: MIL type RC20GF361J.	
A10R8		SAME AS A10R4.	
A10R9		SAME AS A10R3.	
A10R10		RESISTOR: MIL type RN60D1802D.	
A10R11		SAME AS A10R3.	
A10R12		SAME AS A10R4.	
A10R13		RESISTOR: MIL type RC20GF821J.	
A10R14		RESISTOR: MIL type RC07GF470J.	
A10R15		RESISTOR: MIL type RC20GF101J.	
A10R16		RESISTOR: MIL type RC20GF242J.	
A10R17		RESISTOR: MIL type RN60D2401D.	
A10R18		RESISTOR: MIL type RN60D2711D.	
A10R19		RESISTOR: MIL type RC20GF1R0J.	
A10R20			
thru			
A10R22		SAME AS A10R19.	
A10R23		SAME AS A10R10.	

SECTION 6

REF DESIG	NOTES	NAME AND DESCRIPTION	FIG NO.
A10R24		RESISTOR: MIL type RC20GF4R7J.	
A10R25		SAME AS A10R18.	
A10R26		RESISTOR: MIL type RC20GF102J.	
A10R27		RESISTOR, FIXED, WIRE WOUND: 1 ohm, + 5% tol, 5 watts.	
		0.250 in. dia by 1.000 in. lg. Wire lead mounted.	
		82679 P/N RRL14-1W.	
A10R28		RESISTOR: MIL type RC20GF272J.	
A10Z1		VOLTAGE REGULATOR: input voltage -40 v; output vol-	
		tage -20 v; power dissipation 400 mw. 0.330 in. dia	
		by 0.175 in. deep, 8 pin leads 0.500 in. lg. 82679	
		P/N VR104.	
A10Z2		SAME AS A10Z1.	
A10Z3		SAME AS A10Z1.	
A11		CIRCUIT CARD ASSEMBLY: 1 resistor, 1 capacitor, 1	
		coil, 3 semiconductors, plug-in item; 3.575 in. lg	
		by 2.937 in. wd by 0.750 in. hg. 82679 P/N A4626;	
		P/O 82679 P/N AX5009.	
A11C1		CAPACITOR: fixed, electrolytic; 2 uf, 50 v; 82679	
		P/N CE105-2-50.	
A11CR1		SEMICONDUCTOR DEVICE, DIODE; MIL type 2N1776A.	
A11CR2		SEMICONDUCTOR DEVICE, DIODE: MIL type 1N914.	
A11CR3		ABSORBER, OVERVOLTAGE; 82679 P/N DD111-1.	
A11J2		CONNECTOR: MIL type MS3102H-32-414S.	
A11L1		COIL: RF, fixed; 82679, P/N CL275-471.	
A11R1		RESISTOR: MIL type 2C07GF2225.	
A11S1		SWITCH, STEPPING: notch homing type; 4-wafer,	
		10-position, rotary action; solenoid actuated.	
		82679 P/N SW515.	

