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MISCELLANEOUS

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
	1002-0804-200	ATC-600A-2 OPERATION MANUAL (PAPER)
	1002-0804-2C0	ATC-600A-2 OPERATION MANUAL (CD)
	1002-0804-400	ATC-600A-2 MAINTENANCE MANUAL (PAPER)
	1002-0804-4C0	ATC-600A-2 MAINTENANCE MANUAL (CD)
	6041-0001-200	CORD,AC,NEMA5-15,IEC230-C13,RA
	7002-0880-400	FINAL ASSY,ATC-600A-2
	7009-0820-200	ANTENNA ACC COAX ASSY 600
	7066-0819-200	ANTENNA ASSY 600

7002-0880-400
ASSY, FINAL
C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	7003-0845-200	COMPOSITE ASSY,ATC-600A-2
2	7005-0844-200	MECH ASSY,CASE
3	7005-0846-100	MECH ASSY,LID
4	7005-0845-500	MECH ASSY,REAR PANEL 600A-2
5	2804-0250-006	SCREW,6-32 X 1/4 PPHM
6	2506-0815-100	PLATE CARD RETAINER
7	2506-0815-200	PLATE FASTNER
8	2801-0250-003	SCREW,2-56 X 1/4 PFHM
9	2801-0125-001	SCREW 2-56 X 1/8 SHSS
12	2400-9926-600	LABEL,S/N,V/W,COM,ATC-600A-2
13	2400-0013-100	WARNING LABEL
14	2400-9900-900	LABEL,CE
18	2901-7634-100	ATTEN BNC 2W AV 1.5KW PK 34DB
19	2400-9930-000	LABEL,MET

7005-0846-100

ASSY, LID

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	2503-0979-600	LID MIN ASSY,CASE,401,402,600
2	2111-0000-002	CLIP,COMPONENT,ADHESIVE,0.25DIA
3	5106-0000-016	FUSE,1.25,GL,FAST,250V,0.5
4	2400-0000-002	TRIM,GASKET,5/16 X 3/32 BLK FS
5	2111-0002-500	CLIP"C"HOOK RET,PVC,0.500 DIA
7	2506-0980-100	PLATE,LATCH STOP
8	2832-0000-001	PLATE(LATCH),A/S FINISH
9	2872-0807-002	RIVET,ST,8/64D 7/32L,OH,ST,N

7005-0844-200

ASSY, CASE

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1412-0853-100	CASE,600/402
4	2840-7600-204	WASHER NYLON
5	2807-0908-600	THUMB SCREW
6	1407-5256-600	HANDLE,CARRYING,FM/AM-500
7	1407-0909-300	HANDLE GRIP,INNER
8	1407-0909-200	HANDLE GRIP,OUTER
9	1421-0002-438	FOOT,RBR HEMI,W/6-32 X 1/4 STD
10	2405-0000-005	O-RING,BUNA N70 DUROMETER RATE
11	1421-0018-000	FOOT,RUBBER,0.750D,0.188ID,0.56LG
12	2803-0438-006	SCREW,4-40 X 7/16 PPHM A
13	2840-0000-003	WASHER,LOCK,INT TOOTH
14	2800-7600-132	SPACER,AL,0.187OD,0.125ID,0.250LG
15	2802-0908-900	STUD,HANDLE MTG
16	2840-0000-009	WASHER,FLAT,4,MS15795-803
17	2872-0807-002	RIVET,ST,8/64D 7/32L,OH,ST,N
18	2832-0000-002	TOP(BUTTON) FOR 2832-0000-001
19	2872-0810-002	RIVET,1/8X5/16,18-8SS

7003-0845-200
ASSY, COMPOSITE
C2

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1400-0926-600	BRACKET ASSY
2	1414-0857-000	COVER, RF CHASSIS
4	1415-0855-200	RIGHT FRAME
5	7010-0938-900	PCB ASSY, 5V REG
7	7005-0846-200	MECH ASSY, RF CHASSIS
8	7005-0845-300	MECH ASSY, POWER SUPPLY
10	2801-0313-006	SCREW,2-56 X 5/16 PPHM
11	2500-0807-700	MOD. PLANETARY DRIVE
12	2506-0817-800	PLATE MOUNTING
14	3401-0005-400	CIRCULATOR
15	1400-0804-800	BRACKET
18	2405-0807-900	RING INDEX
19	7010-0818-200	SLS/RF LEVELER PC BD ASSY 600
20	2513-0858-000	CAPACITOR/VERNIER SHAFT 600A-2
21	2401-0806-000	DIAL ASSY
22	7010-0803-600	ALT REGISTER BD ASSY 600
23	7010-0803-800	REG/TIMER BD ASSY 600
24	2402-0005-602	KNOB
25	2402-0005-703	KNOB
26	2402-0005-702	KNOB
27	2402-0921-900	KNOB,RND, .438OD,.128ID,.520LG
28	7010-0804-700	DME SIGNAL BD,DUAL X, 600A
29	7010-0831-500	XPDR SIGNAL BD ASSY 600
30	7010-0819-900	DME RNG/VEL BD ASSY 600
31	4100-0000-001	COUPLING,SHAFT,FLEX,T-301-55A
32	2803-0250-003	SCREW,4-40 X 1/4 PFHM
37	2803-0625-006	SCREW,4-40 X 5/8 PPHM
38	2840-0000-004	WASHER,LOCK,INT TOOTH,2
39	2801-0250-003	SCREW,2-56 X 1/4 PFHM
40	7015-0818-100	SLS ATTN/RF BLOCK ASSY 600
41	2840-0000-003	WASHER,LOCK,INT TOOTH,4
42	7048-0811-900	OSC MULTIPLIER ASSY 600
43	2803-0125-001	SCREW,4-40 X 1/8 SHS
44	2803-0094-001	SCREW 4-40 X 3/32 SS
45	7005-0846-600	MECH ASSY,OSC TUNELINE
46	7015-0807-100	DIODE SWITCH BLOCK ASSY 600
47	3900-0926-500	LENS
48	2406-0955-900	BEZEL ASSY
49	2801-0375-012	SCREW,2-56 X 3/8 PBHMS,BLACK
51	2400-9908-300	LABEL,SYMBOL 14,HAZARD WARN
54	2803-0313-006	SCREW,4-40 X 5/16 PPHM
55	2803-0313-003	SCREW 4-40 X 5/16 PFHMS
56	7005-0842-500	MECH ASSY,DIGITAL DISPLAY
58	2525-0857-600	GASKET,END CAP METER
59	2525-0857-700	GASKET, METER WRAP
62	2845-0000-028	FINGERSTOCK, CLIP-ON
63	2803-0188-006	SCREW,4-40 X 3/16 PPHM
64	1400-0856-800	BRACKET, MTG, 5V REG
65	6004-6005-400	TY-RAP,4.0 LG
66	2850-0000-012	NUT,HEX,SMALL PAT,2-56
67	2803-0250-004	SCREW, 4-40 X 1/4 PPHM SEMS
A1	7005-0846-400	MECH ASSY, PC CARD CAGE

7003-0845-200
ASSY, COMPOSITE (cont)
C2

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
A2	7005-0844-300	MECH ASSY,FRONT PANEL
J5401	2123-0000-040	CONN,ADAPT,BNC/N,PNL MT
J5402	2113-0000-004	CONN,BNC JACK/N PLUG
M1	2900-7602-500	MOD MTR,EDGE HOR,500UA, EXT 0
M2	2900-7602-600	MOD MTR,EDGE HOR,500UA, EXT 0
W1	7007-0880-500	WIRE HARN ASSY, ATC-600A-2
W2	6050-1980-700	RG 316/U FLEX COAX ASSY
W3	6050-1980-500	RG 316/U FLEX COAX ASSY
W5	6050-1980-600	RG 316/U FLEX COAX ASSY
W6	6050-1980-700	RG 316/U FLEX COAX ASSY
W7	6045-0881-900	RBN CA ASSY,FT PNL/MO BD
W8	6008-1000-003	WIRE,UL1213,26GA,7X34,RED

7003-0845-200
ASSY, COMPOSITE
D

Includes all items in Revision C2 with the following exception:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
45	7005-0846-700	MECH ASSY,OSC TUNELINE

7003-0845-200
ASSY, COMPOSITE
D1

Includes all items in Revision D.

7003-0845-200
ASSY, COMPOSITE
E

Includes all items in Revision D1 with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
56	7005-0847-000	MECH ASSY,DIGITAL DISPLAY
68	3900-0850-900	LENS, SHIELD
A2	7005-0845-600	MECH ASSY,FRONT PANEL

7005-0845-500

ASSY, REAR PANEL

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1405-0954-600	PANEL,REAR
2	2845-0000-028	FINGERSTOCK,CLIP-ON
3	2403-0853-900	OVERLAY,REAR PANEL
4	2800-0955-700	SPACER,FOOT
5	1421-0003-781	FOOT,RBR,0.75 OD*.17 ID*.78 LG
6	2805-0250-003	SCREW 8-32X1/4 PFHMS
7	2805-0750-006	SCREW,8-32 X 3/4 PPHM
8	2840-7600-229	WASHER,ALUM,0.305D,0.196ID,0.038T

7005-0844-300

ASSY, FRONT PANEL**B**

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1405-0856-500	PANEL,FRONT
6	2403-0854-300	OVERLAY,FRONT PANEL
7	2850-0000-012	NUT,HEX,SMALL PAT,2-56
8	3900-0000-001	LENS SHELLY RBP RED
9	3900-0000-002	LENS AMBER SHELLY ABP
12	1400-0856-600	BRKT,POT MTG
14	2840-7600-205	WASHER,ALUM,0.50OD,0.375ID,0.020T
15	2840-7600-208	WASHER,ALUM,0.38OD,0.250ID,0.020T
17	6004-6005-550	TY-RAP,5.5 LG
18	3900-0850-900	LENS,SHIELD
19	2803-0250-006	SCREW,4-40 X 1/4 PPHM
20	2803-0125-006	SCREW,4-40 X 1/8 PPHM
22	2801-0188-006	SCREW 2-56 X 3/16 PPHMS
23	6011-0018-001	TUBING,TF,26 AWG,NATURAL,TW
24	3900-0000-003	LENS GREEN SHELLY GBP
25	3901-0000-003	LAMP BASE BEP-B SHELLY
26	6010-0063-200	TUBING,HS,1/16 ID,BLACK
A2	7010-0834-300	PCB ASSY,FT PNL INTERFACE
DS1	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS2	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS3	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS4	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS5	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS6	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS7	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS8	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS9	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS10	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS11	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS12	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS13	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS14	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS15	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS16	3901-0000-001	LAMP SUB-MINATURE IEE 680
DS17	3901-0000-001	LAMP SUB-MINATURE IEE 680
P6	2126-0000-010	CONN,D-SUB FILT 15P SKT
R1	4750-7604-600	POT,10K OHM,43C1-10K-S 0.80
R2	4750-7604-500	POT,5K OHM,43C1-5K-S 0.80
R3	4751-0502-001	POT,5K OHM, RV6LAYS A502A
R4	4750-0810-700	POT,25K OHM,RV6NAYS D253A 0.59
R15	4750-7615-100	POT,10K OHM,RV6NAYS D103A 0.59
S1	5114-0000-032	SWITCH,TOG,DPDT,PC MT
S2	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S3	5114-0000-031	SWITCH,TOG,SPDT,PC MT
S4	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S5	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S6	5114-0000-032	SWITCH,TOG,DPDT,PC MT
S7	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S8	5114-0000-030	SWITCH,TO,DPDT,PC MT
S10	5114-0000-032	SWITCH,TOG,DPDT,PC MT
S11	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S12	5114-0000-032	SWITCH,TOG,DPDT,PC MT

7005-0844-300
ASSY, FRONT PANEL (cont)
B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
S13	5115-0000-004	SWITCH PUSHBUTTON GRAY 46-101R
S14	5114-0000-027	SWITCH,RCKR,DPDT,PNL MT,PC LUG
S17	5119-7604-800	MOD SWITCH
S20	5119-7604-200	SWITCH MOD
W1	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W2	6003-0000-008	WIRE,HOOK,TFE,26GA,7S,VIOLET
W3	6003-0000-010	WIRE,HOOK,TFE,26GA,7S,WHITE
W4	6003-0000-008	WIRE,HOOK,TFE,26GA,7S,VIOLET
W5	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W6	6003-0000-002	WIRE,HOOK,TFE,26GA,7S,BROWN
W7	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W8	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
W9	6003-0000-005	WIRE,HOOK,TFE,26GA,7S,YELLOW
W10	6003-0000-006	WIRE,HOOK,TFE,26GA,7S,GREEN
W11	6003-0000-007	WIRE,HOOK,TFE,26GA,7S,BLUE
W12	6003-0000-008	WIRE,HOOK,TFE,26GA,7S,VIOLET
W13	6003-0000-009	WIRE,HOOK,TFE,26GA,7S,GRAY
W14	6003-0000-010	WIRE,HOOK,TFE,26GA,7S,WHITE
W15	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W16	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W17	6003-0000-005	WIRE,HOOK,TFE,26GA,7S,YELLOW
W18	6003-0000-006	WIRE,HOOK,TFE,26GA,7S,GREEN
W19	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W20	6003-0000-002	WIRE,HOOK,TFE,26GA,7S,BROWN
W21	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W22	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
W23	6003-0000-005	WIRE,HOOK,TFE,26GA,7S,YELLOW
W24	6003-0000-006	WIRE,HOOK,TFE,26GA,7S,GREEN
W25	6003-0000-007	WIRE,HOOK,TFE,26GA,7S,BLUE
W26	6003-0000-008	WIRE,HOOK,TFE,26GA,7S,VIOLET
W27	6003-0000-009	WIRE,HOOK,TFE,26GA,7S,GRAY
W28	6003-0000-010	WIRE,HOOK,TFE,26GA,7S,WHITE
W29	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W30	6003-0000-002	WIRE,HOOK,TFE,26GA,7S,BROWN
W31	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W32	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
W33	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
W34	6003-0000-011	WIRE,HOOK,TFE,26GA,7S,WHT/BLK
W35	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
W36	6003-0000-006	WIRE,HOOK,TFE,26GA,7S,GREEN
W37	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
W38	6003-0000-018	WIRE,HOOK,TFE,26GA,7S,WHT/VIO
W39	6003-0000-011	WIRE,HOOK,TFE,26GA,7S,WHT/BLK
W40	6003-0000-011	WIRE,HOOK,TFE,26GA,7S,WHT/BLK
W41	6003-0000-018	WIRE,HOOK,TFE,26GA,7S,WHT/VIO
W42	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W43	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W44	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
W45	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W46	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W47	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W48	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA

7005-0844-300

ASSY, FRONT PANEL (cont)

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W49	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W50	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W51	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W52	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W53	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA

7010-0834-300
PCB ASSY, FRONT PANEL INTERFACE
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0824-300	PC BD,FT PNL INTERFACE
C1	1515-0471-006	CAP,470UF,10V,ELE,10
C2	1515-0471-006	CAP,470UF,10V,ELE,10
CR1	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR2	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR3	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR4	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR5	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR6	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR7	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR8	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR9	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR10	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR11	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR12	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR13	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR14	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR15	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR16	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
J1	2115-0201-012	CONN,STRAIGHT,12 PIN
J2	2115-0201-012	CONN,STRAIGHT,12 PIN
J3	2115-0201-012	CONN,STRAIGHT,12 PIN
J4	2115-0201-012	CONN,STRAIGHT,12 PIN
J5	2115-0201-008	CONN,S ROW,0.120" STR HDR 8P
J6	2115-0201-012	CONN,STRAIGHT,12 PIN
J7	2129-1001-016	CONN,RBN CA 16-P 0.1X.1GRD HDR
R5	4706-7151-001	RES,7.15K,1/4W,1%
R6	4702-0124-003	RES,120K,1/4W,5%

7010-0845-600
ASSY, FRONT PANEL
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1405-0858-700	PANEL,FRONT ATC-600A-2
2	2403-0854-300	OVERLAY, FRONT PANEL
3	4950-2100-500	LENS,LED,CLEAR,3MM,PCBD MT
4	4950-2100-100	LED,RETAINING RING,3MM,LENS
5	4950-2100-000	LED,LENS,RED,3MM,PANEL MT
7	2850-0000-012	NUT,HEX,SMALL PAT,2-56
12	1400-0856-600	BRKT, POT MTG
14	2840-7600-205	WASHER,ALUM,.50OD,.375ID,.020T
15	2840-7600-208	WASHER,ALUM,.38OD,.250ID,.020T
17	6004-6005-550	TY-RAP,5.5 LG
19	2803-0250-006	SCREW,4-40 X 1/4 PPHM
20	2803-0125-006	SCREW,4-40 X 1/8 PPHM
22	2801-0188-006	SCREW 2-56 X 3/16 PPHMS
23	6011-0018-001	TUBING,TF,26 AWG,NATURAL,TW
26	6010-0063-200	TUBING,HS, 1/16 ID,BLACK
A2	7010-0835-600	PCB ASSY,FRT PNL INTERFACE
A2DS2	4950-0300-500	LED,HLMP-1420,HI INT,YELLOW,5V
A2DS3	4950-0300-500	LED,HLMP-1420,HI INT,YELLOW,5V
A2DS4	4950-0300-400	LED,HLMP-1320-HI INT,RED,5V
A2DS5	4950-0300-500	LED,HLMP-1420,HI INT,YELLOW,5V
A2DS6	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS7	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS8	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS9	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS10	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS11	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS12	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS13	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS14	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS15	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS16	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
A2DS17	4950-0300-600	LED,HLMP-1520,HI INT,GREEN,5V
DS1	4950-0300-400	LED,HLMP-1320-HI INT,RED,5V
P6	2126-0000-010	CONN, D-SUB FILT 15P SKT
R1	4750-7604-600	POT, 10K OHM, 43C1-10K-S .80
R2	4750-7604-500	POT, 5K OHM, 43C1-5K-S .80
R3	4751-0502-001	POT, 5K OHM, RV6LAYS A502A
R4	4750-0810-700	POT, 25K OHM, 1/2 WATT,.59 LG
R15	4750-7615-100	POT, 10K OHM, RV6NAYS D103A .59
S1	5114-0000-032	SWITCH,TOG,DPDT,PC MT
S2	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S3	5114-0000-031	SWITCH,TOG,SPDT,PC MT
S4	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S5	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S6	5114-0000-032	SWITCH,TOG,DPDT,PC MT
S7	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S8	5114-0000-030	SWITCH,TO,DPDT,PC MT
S10	5114-0000-032	SWITCH,TOG,DPDT,PC MT
S11	5114-0000-029	SWITCH,TOG,SPDT,PC MT
S12	5114-0000-032	SWITCH,TOG,DPDT,PC MT
S13	5115-0000-004	SWITCH PUSHBUTTON GRAY 46-101R
S14	5114-0000-027	SWITCH,RCKR,DPDT,PNL MT,PC LUG

7010-0845-600
ASSY, FRONT PANEL (cont)
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
S17	5119-7604-800	MOD SWITCH
S20	5119-7604-200	SWITCH MOD
W1	6008-1000-001	WIRE,UL1213,26GA,7X34,BLK
W2	6008-1000-008	WIRE,UL1213,26GA,7X34,VIO
W3	6008-1000-010	WIRE,UL1213,26GA,7X34,WHT
W4	6008-1000-008	WIRE,UL1213,26GA,7X34,VIO
W5	6008-1000-001	WIRE,UL1213,26GA,7X34,BLK
W6	6008-1000-002	WIRE,UL1213,26GA,7X34,BRN
W7	6008-1000-003	WIRE,UL1213,26GA,7X34,RED
W8	6008-1000-004	WIRE,UL1213,26GA,7X34,ORN
W9	6008-1000-005	WIRE,UL1213,26GA,7X34,YEL
W10	6008-1000-006	WIRE,UL1213,26GA,7X34,GRN
W11	6008-1000-007	WIRE,UL1213,26GA,7X34,BLU
W12	6008-1000-008	WIRE,UL1213,26GA,7X34,VIO
W13	6008-1000-009	WIRE,UL1213,26GA,7X34,GRY
W14	6008-1000-010	WIRE,UL1213,26GA,7X34,WHT
W15	6008-1000-003	WIRE,UL1213,26GA,7X34,RED
W16	6008-1000-001	WIRE,UL1213,26GA,7X34,BLK
W17	6008-1000-005	WIRE,UL1213,26GA,7X34,YEL
W18	6008-1000-006	WIRE,UL1213,26GA,7X34,GRN
W19	6008-1000-001	WIRE,UL1213,26GA,7X34,BLK
W20	6008-1000-002	WIRE,UL1213,26GA,7X34,BRN
W21	6008-1000-003	WIRE,UL1213,26GA,7X34,RED
W22	6008-1000-004	WIRE,UL1213,26GA,7X34,ORN
W23	6008-1000-005	WIRE,UL1213,26GA,7X34,YEL
W24	6008-1000-006	WIRE,UL1213,26GA,7X34,GRN
W25	6008-1000-007	WIRE,UL1213,26GA,7X34,BLU
W26	6008-1000-008	WIRE,UL1213,26GA,7X34,VIO
W27	6008-1000-009	WIRE,UL1213,26GA,7X34,GRY
W28	6008-1000-010	WIRE,UL1213,26GA,7X34,WHT
W29	6008-1000-001	WIRE,UL1213,26GA,7X34,BLK
W30	6008-1000-002	WIRE,UL1213,26GA,7X34,BRN
W31	6008-1000-003	WIRE,UL1213,26GA,7X34,RED
W32	6008-1000-004	WIRE,UL1213,26GA,7X34,ORN
W33	6008-1000-004	WIRE,UL1213,26GA,7X34,ORN
W34	6008-1000-011	WIRE,UL1213,26GA,7X34,WHT/'BLK
W35	6008-1000-004	WIRE,UL1213,26GA,7X34,ORN
W36	6008-1000-006	WIRE,UL1213,26GA,7X34,GRN
W37	6008-1000-004	WIRE,UL1213,26GA,7X34,ORN
W38	6008-1000-018	WIRE,UL1213,26GA,7X34,WHT/VIO
W39	6008-1000-011	WIRE,UL1213,26GA,7X34,WHT/'BLK
W40	6008-1000-011	WIRE,UL1213,26GA,7X34,WHT/'BLK
W41	6008-1000-018	WIRE,UL1213,26GA,7X34,WHT/VIO
W42	6008-1000-001	WIRE,UL1213,26GA,7X34,BLK
W43	6008-1000-001	WIRE,UL1213,26GA,7X34,BLK
W44	6008-1000-004	WIRE,UL1213,26GA,7X34,ORN
W45	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W46	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W47	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W48	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W49	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W50	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA

7010-0845-600

ASSY, FRONT PANEL (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W51	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W52	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W53	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA

7010-0845-600

ASSY, FRONT PANEL

B

Includes all items in Revision A.

7010-0835-600
PCB ASSY, FRONT PANEL INTERFACE
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0825-600	PC BD,FRONT PANEL INTERFACE
C1	1515-0471-006	CAP,470UF,10V,ELE,10
C2	1515-0471-006	CAP,470UF,10V,ELE,10
CR1	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR2	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR3	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR4	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR5	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR6	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR7	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR8	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR9	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR10	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR11	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR12	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR13	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR14	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR15	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR16	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
J1	2115-0201-012	CONN, STRAIGHT, 12 PIN
J2	2115-0201-012	CONN, STRAIGHT, 12 PIN
J3	2115-0201-012	CONN, STRAIGHT, 12 PIN
J4	2115-0201-012	CONN, STRAIGHT, 12 PIN
J5	2115-0201-008	CONN,S ROW,.120" STR HDR 8P
J6	2115-0201-012	CONN, STRAIGHT, 12 PIN
J7	2129-1001-016	CONN,RBN CA 16-P .1X.1G RD HDR
R5	4706-7151-001	RES,7.15K,1/4W,1%
R6	4702-0124-003	RES,120K,1/4W,5%
R16	4701-0271-003	RES,270,1/8W,5%
R17	4701-0271-003	RES,270,1/8W,5%
R18	4701-0271-003	RES,270,1/8W,5%
R19	4701-0271-003	RES,270,1/8W,5%
R20	4701-0271-003	RES,270,1/8W,5%
R21	4701-0271-003	RES,270,1/8W,5%
R22	4701-0271-003	RES,270,1/8W,5%
R23	4701-0271-003	RES,270,1/8W,5%
R24	4701-0271-003	RES,270,1/8W,5%
R25	4701-0271-003	RES,270,1/8W,5%
R26	4701-0271-003	RES,270,1/8W,5%
R27	4701-0271-003	RES,270,1/8W,5%
R28	4701-0271-003	RES,270,1/8W,5%
R29	4701-0271-003	RES,270,1/8W,5%
R30	4701-0271-003	RES,270,1/8W,5%
R31	4701-0271-003	RES,270,1/8W,5%
R32	4701-0271-003	RES,270,1/8W,5%

7010-0835-600
PCB ASSY, FRONT PANEL INTERFACE
A1

Includes all items in Revision A.

7010-0835-600 PCB ASSY, FRONT PANEL INTERFACE B

Includes all items in Revision A1.

7010-0835-600 PCB ASSY, FRONT PANEL INTERFACE C

Includes all items in Revision B with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R6	4702-0394-003	RES,390K,1/4W,5%
R6SAT	4702-0124-003	RES,120K,1/4W,5%
R6SAT	4702-0274-003	RES,270K,1/4W,5%
R6SAT	4702-0474-003	RES,470K,1/4W,5%

7010-0938-900
PCB ASSY, 5 VOLT REGULATOR
B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0973-000	PC BOARD
2	2850-7866-300	STANDOFF,HEX,MALE-FEMALE
3	2803-0250-006	SCREW,4-40 X 1/4 PPHM
4	2803-0188-006	SCREW,4-40 X 3/16 PPHM A
5	2850-0000-020	NUT,HEX,SMALL PAT,4-40
6	2850-0000-008	NUT,HEX,REG PAT,4-40
7	2840-0000-003	WASHER,LOCK,INT TOOTH,4
9	2803-0313-006	SCREW,4-40 X 5/16 PPHM A
10	2800-7600-141	SPACER,AL,0.25 OD,4-40ID,0.440LG
11	2850-0957-200	SPACER,0.18HEX,4-40,0.56L
12	5400-0959-200	HEATSINK, 5V REGULATOR
13	3107-0000-084	INSULATOR,SIL-PAD,TO-66
C1151	1508-0476-018	CAP,47UF,35V,TANT,RDL
C1152	1508-0476-018	CAP,47UF,35V,TANT,RDL
C1153	1507-0685-018	CAP,6.8UF,35V,20%,TANT
C1154	1508-0476-018	CAP,47UF,35V,TANT,RDL
C1155	1503-0104-008	CAP,0.1UF,80V,5%,PE
C1156	1507-0685-018	CAP,6.8UF,35V,20%,TANT
C1157	1507-0685-018	CAP,6.8UF,35V,20%,TANT
C1158	1501-0221-001	CAP,220PF,1000V,10%,DISC
C1159	1502-0223-006	CAP,0.022UF,100V,5%,MPC
C1160	1508-0337-024	CAP,330UF,6V,TANT,RDL
C1161	1508-0337-024	CAP,330UF,6V,TANT,RDL
C1162	1508-0337-024	CAP,330UF,6V,TANT,RDL
C1163	1508-0337-024	CAP,330UF,6V,TANT,RDL
CR1151	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR1152	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
J1151	2116-0000-014	CONN,D-SUB,F,9-P,PCM,STR,0.125
L1151	1800-0973-301	COIL ASSY 401/402/600
L1152	1800-0973-302	4 TURN COIL ASSY 401/402/600
L1153	1800-0973-200	30 TURN COIL ASSY
Q1151	4801-0000-001	TRANSISTOR NPN HS SW
R1151	4702-0339-003	RES,3.3,1/4W,5%
R1152	4702-0100-003	RES,10,1/4W,5%
R1153	4702-0125-003	RES,1.2MEG,1/4W,5%
R1154	4705-0228-003	RES,0.22,2W,10%,WW
R1155	4702-0279-003	RES,2.7,1/4W,5%
R1156	4702-0100-003	RES,10,1/4W,5%
R1157	4706-7151-001	RES,7.15K,1/4W,1%
R1158	4753-0501-002	POT 500 OHM
R1159	4706-3651-001	RES,3.65K,1/4W,1%
X1151	3135-0000-007	IC,600,5A 60V SW REGULATOR
X1152	3135-0000-006	IC,305,12MA 4.5-30V REGULATOR

7005-0845-300

ASSY, POWER SUPPLY

F1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1400-0954-400	BRACKET, REAR PANEL
2	1403-0954-300	CHASSIS, REAR PANEL
3	1525-0000-001	CLAMP,MTG,
5	2800-7600-114	SPACER,AL,.500OD,.375ID,.080LG
6	2803-0250-006	SCREW,4-40 X 1/4 PPHM
7	2804-0313-003	SCREW 6-32 X 5/16 PFHMS
8	2803-0375-003	SCREW,4-40 X 3/8 PFHM
9	2804-0188-006	SCREW 6-32X3/16 PHIL BIND HD
10	2804-0375-003	SCREW,6-32 X 3/8 PFHM
11	2804-0500-006	SCREW,6-32 X 1/2 PPHM
13	2840-7600-213	WASHER FLAT 2
14	2850-0000-002	NUT,HEX,SMALL PAT,6-32
15	2850-0000-010	LUG,GND,10
17	6004-6005-400	TY-RAP,4.0 LG
18	6020-0188-200	TUBING, HS 3/16ID BLACK UL
19	6012-0076-100	TUBING,PVC-105,13 AWG,CLEAR
20	6012-0800-000	TUBING, PVC-105, 8AWG, CLEAR
22	1050-0000-019	THERMAL COMPOUND
23	1050-0000-288	PRIMER,ADHESIVE,LOCTITE N *
24	2831-0002-002	GROMMENT EDGING, SLOTTED .062*
25	1050-0000-289	ADHESIVE,THREADLOC,LOCTITE271*
26	2845-0000-012	FINGER STK, TWISTED 1-SIDE SN*
27	1051-5000-500	TAPE, ALUMINUM 1/2"
28	2850-7894-800	NUT, FUSE HOLDER
29	6004-6005-800	TY-RAP,8.0 LG
30	1050-0000-285	TAPE, SCOTCH VHB 1/2" WIDE
31	6020-0125-200	TUBING, HS 1/8ID BLACK UL
33	2400-9907-200	LABEL, SAFETY GROUND
BT1	7020-0012-400	BATTERY PACK ASSY, 402/600
C5	1514-0222-040	CAP,2200UF,40V,ELE,2S
CR1	4823-0000-001	RECT,PK10 ,BRIDGE, 100V,10A
F1	5106-4501-000	FUSE,1.0AMP,250V,FAST,1.25GL
F2	5106-4501-000	FUSE,1.0AMP,250V,FAST,1.25GL
F3	5106-0000-037	FUSE,10AMP,32V,FAST,1.25GL
FL1	5801-0000-027	FILTER,RFI,IEC,POWER LINE
GL1	2850-0000-026	LUG,GND,6
GL2	2850-0000-026	LUG,GND,6
GL3	2850-0000-025	GROUND LUG 31-759
J2	2113-0000-020	CONN UG1094/U
J3	2113-0000-020	CONN UG1094/U
J4	2113-0000-020	CONN UG1094/U
J5	2115-0000-046	CONN 03-06-1022
J5-1	2114-0000-018	CONTACT,F .062D,CRIMP,24-30 TN
J5-2	2114-0000-018	CONTACT,F .062D,CRIMP,24-30 TN
S1	5135-0000-002	SWITCH,VOLT SEL,2POS,115V/230V
T1	5604-0007-800	LINE XFRMR,CE 17.5V,1.8A
W1	6008-5000-002	WIRE, CSA, 600V,18GA,BROWN
W2	6008-5009-007	WIRE, UL 600V 18GA, 75,BLUE *
W3	6008-3000-003	WIRE,UL1213,22GA,7X30,RED
W4	6008-3000-001	WIRE,UL1213,22GA,7X30,BLK
W5	6008-3000-001	WIRE,UL1213,22GA,7X30,BLK

7005-0845-300

ASSY, POWER SUPPLY (cont)

F1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W6	6008-3000-003	WIRE,UL1213,22GA,7X30,RED
W7	7007-0885-300	WIRE HARN ASSY, PWR SUPPLY
W15	6008-3000-001	WIRE,UL1213,22GA,7X30,BLK
XF1	5105-0000-100	FUSE HOLDER RF SHIELD 3AG *
XF2	5105-0000-100	FUSE HOLDER RF SHIELD 3AG *
XF3	5106-0000-012	HOLDER,FUSE,LITTELFUSE 357001

7048-0811-900

ASSY, OSCILLATOR MULTIPLIER

G2

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	2100-0810-000	BLOCK OSC MULT
3	1414-0810-100	COVER
4	2511-0808-100	POLE,TUNING,BR,0.188OD,1.60LG
5	2123-0000-002	CONN AEP 17-0104-000
6	2511-0808-200	POLE,TUNING,BR,0.188OD,1.60LG
7	7010-0808-400	OSC PC BD ASSY 600
8	2800-7600-104	SPACER,AL,0.157OD,0.089ID,0.147LG
9	4826-0000-004	DIODE,MULT.,600 FMLY ONLY
10	2363-0007-000	XTAL,106.550000MHZ,5 S,HC-25/U
11	6011-0106-001	TUBING,TF,10 AWG,NATURAL,SW
12	2803-0750-006	SCREW,4-40 X 3/4 PPHM
13	2850-0000-020	NUT,HEX,SMALL PAT,4-40
14	2840-0000-003	WASHER,LOCK,INT TOOTH,4
15	2803-0313-006	SCREW,4-40 X 5/16 PPHM A
16	2801-0375-006	SCREW,2-56 X 3/8 PPHM
17	2840-0000-004	WASHER,LOCK,INT TOOTH,2

7048-0811-900

ASSY, OSCILLATOR MULTIPLIER

H

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	2100-0858-300	COVER, OSC/MULTI
3	1414-0810-100	COVER
4	2511-0808-100	POLE,TUNING,BR,.188OD,1.60LG
5	2123-0000-002	CONN AEP 17-0104-000
6	2511-0808-200	POLE,TUNING,BR,.188OD,1.60LG
7	7010-0834-700	PCB ASSY, OSCILLATOR/MULTI
9	4826-0000-004	DIODE,MULT.,600 FMLY ONLY
11	6011-0100-001	TUBING,TFE,10AWG,NATURAL,TW
12	2803-0750-006	SCREW,4-40 X 3/4 PPHM
13	2850-0000-020	NUT,HEX,SMALL PAT,4-40
14	2840-0000-003	WASHER,LOCK,INT TOOTH,4
15	2803-0313-006	SCREW,4-40 X 5/16 PPHM
16	2801-0375-006	SCREW,2-56 X 3/8 PPHM
17	2840-0000-004	WASHER,LOCK,INT TOOTH,2
18	2801-0250-006	SCREW,2-56 X 1/4 PPHM

7010-0808-400

PCB ASSY, OSCILLATOR MULTIPLIER**K8**

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
	1700-0807-500	PC BD OSCILLATOR
	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
	2114-0000-016	SOCKET,SPRING,SO,0.018-0.040D LA
	6011-0027-001	TUBING,TF,22 AWG,NATURAL,TW
C01	1506-0220-017	CAP,22PF,100V,5%,NPO
C02	1523-0000-002	CAP,1800PF,50V,X7R,CHIP
C03	1506-0330-017	CAP,33PF,100V,5%,NPO
C04	1506-0680-017	CAP,68PF,100V,5%,NPO
C05	1507-0105-018	CAP,1UF,35V,20%,TANT
C06	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C07	1523-0000-002	CAP,1800PF,50V,X7R,CHIP
C08	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C09	1506-0330-017	CAP,33PF,100V,5%,NPO
C10	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C11	1521-0000-002	CAP VAR,5.5-18PF,350V,VPCM
C13	1523-0000-002	CAP,1800PF,50V,X7R,CHIP
C14	1506-0220-017	CAP,22PF,100V,5%,NPO
C15	1506-0220-017	CAP,22PF,100V,5%,NPO
C16	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
L01	1801-0108-001	IND, .10UH,0.08OHM,1025-94
L02	1804-0000-003	IND,VAR,0.036-0.062UH,RED 426
L03	1801-0022-001	IND,22UH 3.3 OHM 1025-52
L04	1804-0000-003	IND,VAR,0.036-0.062UH,RED 426
L05	1801-0689-001	IND, 6.8 UH,2 OHM,1025-40
Q01	4807-0000-002	TRANS,2N3905,PNP HS SW
Q02	4809-0000-005	TRANS,66382,NPN HF AMP
Q03	4809-0000-005	TRANS,66382,NPN HF AMP
R01	4702-0332-003	RES,3.3K,1/4W,5%
R02	4702-0471-003	RES,470,1/4W,5%
R03	4702-0102-003	RES,1.0K,1/4W,5%
R04	4702-0470-003	RES,47,1/4W,5%
R05SAT	4702-0680-003	RES,68,1/4W,5%
R06	4702-0101-003	RES,100,1/4W,5%
R07	4702-0473-003	RES,47K,1/4W,5%
R08	4702-0339-003	RES,3.3,1/4W,5%
R09	4702-0392-003	RES,3.9K,1/4W,5%
R10	4702-0821-003	RES,820,1/4W,5%
R11	4702-0153-003	RES,15K,1/4W,5%

7010-0834-700

PCB ASSY, OSCILLATOR MULTIPLIER

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0824-700	PC BD, OSCILLATOR/MULTIPLIER
2	6008-1000-003	WIRE,UL1213,26GA,7X34,RED
C1	1523-0000-007T	CAP,0.1UF,25V,Z5U,CHIP
C2	1620-0123-001T	CAP,0.012UF,100V,X7R,CHIP
C3	1620-0390-001T	CAP,39PF,63V
C4	1620-1200-511T	CAP,12PF,100V,CHIP,NPO
C5	1523-0000-011T	CAP,0.01UF,50V,X7R,CHIP
C6	1626-0335-016T	CAP,3.3UF,16V,TANT
C7	1620-0123-001T	CAP,0.012UF,100V,X7R,CHIP
C8	1620-2210-600T	CAP,220PF,100V,CHIP,NPO
C9	1620-1030-511T	CAP,1000PF,50V,CHIP,NPO
C10	1620-0123-001T	CAP,0.012UF,100V,X7R,CHIP
C11	1620-0689-001T	CAP,6.8PF,100V
C12	1620-1030-511T	CAP,1000PF,50V,CHIP,NPO
C13	1551-2320-300T	CAP,VAR 5-18PF, 250V SMD
L1	1804-0000-007	IND,VAR, .138-.331UH,VIO 426
L2	1811-6471-001T	IND,SM .47UH 10% C 1008
L3	1811-6821-001T	IND,SM .82UH 10% C 1008
L4	1811-6223-003T	IND,SM 22UH 10% C 1812
L5	1800-7820-002	COIL,TOKO
Q1	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q2	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q3	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
R1	4732-1002-001T	RES,10.0K,1/10W,1%
R2	4732-1002-001T	RES,10.0K,1/10W,1%
R3	4732-2211-001T	RES,2.21K,1/10W,1%
R4	4732-1821-001T	RES,1.82K,1/10W,1%
R5	4732-3921-001T	RES,3.92K,1/10W,1%,0805
R6	4732-8250-001T	RES,825,1/10W,1%
R7	4732-4759-001T	RES,47.5,1/10W,1%
R8	4732-1000-001T	RES,100,1/10W,1%
R9	4732-7501-001T	RES,7.50K,1/10W,1%,0805
R10	4732-2741-001T	RES,2.74K,1/10W,1%
R11	4732-2000-001T	RES,200,1/10W,1%,0805
R12	4732-1000-001T	RES,100,1/10W,1%
R13	4723-0153-002T	RES,15K,1/10W,5%,CHIP
R14	4732-4752-001T	RES,47.5K,1/10W,1%
R15	4732-0000-001T	RES,0,1/10W,1%
X1A	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
X1B	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
Y1	2363-0007-000	XTAL,106.550000MHZ,5 S,HC-25/U

7005-0846-600
ASSY, OSCILLATOR TUNELINE
D

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	2100-0808-000	BLOCK OSC TUNE LINE
3	1414-0808-200	COVER
4	1414-0857-400	COVER,OSC TUNE LINE
5	1400-0805-300	BRACKET
6	1400-0808-600	BRACKET MOUNTING
7	1400-0808-500	BRACKET
8	7010-0808-400	OSC PC BD ASSY 600
9	2511-0808-100	POLE,TUNING,BR,0.188OD,1.60LG
14	6011-0100-001	TUBING,TFE,10AWG,NATURAL,TW
17	2850-7866-300	STANDOFF,HEX,MALE-FEMALE
19	2800-7600-104	SPACER,AL,0.157OD,0.089ID,0.147LG
23	2803-0250-003	SCREW,4-40 X 1/4 PFHM
24	2803-0250-006	SCREW,4-40 X 1/4 PPHM
25	2803-0750-006	SCREW,4-40 X 3/4 PPHM
26	2850-0000-020	NUT,HEX,SMALL PAT,4-40
27	2840-0000-003	WASHER,LOCK,INT TOOTH,4
28	2801-0313-006	SCREW,2-56 X 5/16 PPHM A
29	7010-0821-700	PCB ASSY,17X/18X OSC AMP
30	2506-0857-500	PLATE,FACE,OSC TUNE LINE
31	2840-0000-004	WASHER,LOCK,INT TOOTH,2
33	2803-0188-006	SCREW,4-40 X 3/16 PPHM A
34	2803-0875-006	SCREW 4-40X7/8 PHIL BIND HD
35	1050-0000-074	WIRE,BUS,TINNED COPPER,24GA
CR12001	4826-0000-004	DIODE,MULT.,600 FMLY ONLY
CR12002	4826-0000-004	DIODE,MULT.,600 FMLY ONLY
CR12003	4826-0000-004	DIODE,MULT.,600 FMLY ONLY
FL12001	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL12002	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL12003	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL12004	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL12005	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
GL1	2850-0000-014	LUG,GND
J708	2116-0000-002	CONN,D-SUB,M,9-P,CCA(CNI)
J12201	2113-0000-022	CONN,FRONT MT,BULKHEAD RECPT
J12202	2113-0000-022	CONN,FRONT MT,BULKHEAD RECPT
J12203	2113-0000-022	CONN,FRONT MT,BULKHEAD RECPT
W1	6003-0000-008	WIRE,HOOK,TFE,26GA,7S,VIOLET
W2	6003-0000-007	WIRE,HOOK,TFE,26GA,7S,BLUE
W3	6003-0000-002	WIRE,HOOK,TFE,26GA,7S,BROWN
W4	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W5	6003-0000-017	WIRE,HOOK,TFE,26GA,7S,WHT/BLU
W6	6003-0000-018	WIRE,HOOK,TFE,26GA,7S,WHT/VIO
W7	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W8	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W9	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W10	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W11	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
Y1501	2363-0096-000	XTAL,97.900000MHZ,5 S,HC-25/U
Y1502	2363-0004-000	XTAL,97.800000MHZ,5 S,HC-25/U
Y10002	2363-0006-000	XTAL,110.400000MHZ,5 S,HC-25/U
Y11003	2363-0005-000	XTAL,103.000000MHZ,5 S,HC-25/U

7010-0821-700

PCB ASSY, 17X/18X OSCILLATOR AMPLIFIER

C3

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0821-600	PC BD,17X/18X OSCILLATOR AMP
2	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
C1501	1506-0102-017	CAP,1000PF,100V,5%,NPO
C1502	1506-0102-017	CAP,1000PF,100V,5%,NPO
C1503	1506-0220-017	CAP,22PF,100V,5%,NPO
C1504	1506-0330-017	CAP,33PF,100V,5%,NPO
C1505	1506-0680-017	CAP,68PF,100V,5%,NPO
C1506	1506-0220-017	CAP,22PF,100V,5%,NPO
C1507	1506-0220-017	CAP,22PF,100V,5%,NPO
C1508	1506-0102-017	CAP,1000PF,100V,5%,NPO
C1509	1506-0102-017	CAP,1000PF,100V,5%,NPO
C1510	1507-0105-018	CAP,1UF,35V,20%,TANT
C1511	1506-0102-017	CAP,1000PF,100V,5%,NPO
C1512	1523-0000-002	CAP,1800PF,50V,X7R,CHIP
C1513	1506-0102-017	CAP,1000PF,100V,5%,NPO
C1514	1523-0000-002	CAP,1800PF,50V,X7R,CHIP
C1515	1506-0330-017	CAP,33PF,100V,5%,NPO
C1516	1506-0102-017	CAP,1000PF,100V,5%,NPO
C1517	1521-0000-002	CAP VAR,5.5-18PF,350V,VPCM
C1518	1523-0000-002	CAP,1800PF,50V,X7R,CHIP
CR1501	4828-0000-002	DIODE,PIN,0.3 PF,100 NS
CR1502	4828-0000-002	DIODE,PIN,0.3 PF,100 NS
CR1503	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
L1501	1801-0689-001	IND, 6.8 UH,2 OHM,1025-40
L1502	1804-0000-003	IND,VAR,0.036-0.062UH,RED 426
L1503	1801-0108-001	IND, .10UH,0.08OHM,1025-94
L1504	1801-0022-001	IND,22UH 3.3 OHM 1025-52
L1505	1804-0000-003	IND,VAR,0.036-0.062UH,RED 426
Q1501	4807-0000-002	TRANS,2N3905,PNP HS SW
Q1502	4809-0000-005	TRANS,66382,NPN HF AMP
Q1503	4809-0000-005	TRANS,66382,NPN HF AMP
R1501	4702-0473-003	RES,47K,1/4W,5%
R1502	4702-0151-003	RES,150,1/4W,5%
R1503	4702-0821-003	RES,820,1/4W,5%
R1504	4702-0473-003	RES,47K,1/4W,5%
R1505	4702-0151-003	RES,150,1/4W,5%
R1506	4702-0821-003	RES,820,1/4W,5%
R1507	4702-0222-003	RES,2.2K,1/4W,5%
R1508	4702-0471-003	RES,470,1/4W,5%
R1510	4702-0821-003	RES,820,1/4W,5%
R1511	4702-0392-003	RES,3.9K,1/4W,5%
R1512	4702-0470-003	RES,47,1/4W,5%
R1513	4702-0101-003	RES,100,1/4W,5%
R1514SAT	4702-0680-003	RES,68,1/4W,5%
R1515	4702-0153-003	RES,15K,1/4W,5%
R1516	4702-0473-003	RES,47K,1/4W,5%
R1517	4702-0339-003	RES,3.3,1/4W,5%

7005-0846-700
ASSY, OSCILLATOR TUNELINE
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	2100-0808-000	BLOCK OSC TUNE LINE
3	1414-0808-200	COVER
4	1414-0856-400	COVER, OSC TUNELINE
5	1400-0805-300	BRACKET
6	1400-0857-900	BRACKET, MTG OSC TUNELINE
9	2511-0808-100	POLE, TUNING, BR., .188OD, 1.60LG
14	6011-0100-001	TUBING, TFE, 10AWG, NATURAL, TW
17	2850-7866-300	STANDOFF, HEX, MALE-FEMALE
19	2800-7600-104	SPACER, AL., .157OD, .089ID, .147
23	2803-0250-003	SCREW, 4-40 X 1/4 PPHM
25	2803-0750-106	SM, 4-40X3/4, PPH, SS, PA
26	2850-0000-020	NUT, HEX, SMALL PAT, 4-40
27	2840-0000-003	WASHER, LOCK, INT TOOTH, 4
28	2801-0313-006	SCREW, 2-56 X 5/16 PPHM
29	7010-0834-600	PCB ASSY, 17X/18X OSC AMP
31	2840-0000-004	WASHER, LOCK, INT TOOTH, 2
33	2803-0188-006	SCREW, 4-40 X 3/16 PPHM
CR12001	4826-0000-004	DIODE, MULT., 600 FMLY ONLY
CR12002	4826-0000-004	DIODE, MULT., 600 FMLY ONLY
CR12003	4826-0000-004	DIODE, MULT., 600 FMLY ONLY
J12201	2113-0000-022	CONN, FRONT MT, BULKHEAD RECPT
J12202	2113-0000-022	CONN, FRONT MT, BULKHEAD RECPT
J12203	2113-0000-022	CONN, FRONT MT, BULKHEAD RECPT

7005-0846-700
ASSY, OSCILLATOR TUNELINE
B

Includes all items in Revision A, except for Item 17, and the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
34	2803-0875-106	SM, 4-40 X 7/8, PPH, SS, PA
35	1050-0000-074	WIRE, BUS, TINNED COPPER, 24GA

7010-0834-600

PCB ASSY, 17X/18X OSCILLATOR AMPLIFIER

B1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0824-600	PC BD, 17X/18X OSC AMP
2	2840-0000-003	WASHER, LOCK, INT TOOTH, 4
3	2850-0000-020	NUT, HEX, SMALL PAT, 4-40
4	2850-7866-300	STANDOFF, HEX, MALE-FEMALE
C1	1523-0000-007T	CAP, 0.1UF, 25V, Z5U, CHIP
C2	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C3	1620-0390-001T	CAP, 39PF, 63V
C4	1620-1200-511T	CAP, 12PF, 100V, CHIP, NPO
C5	1523-0000-011T	CAP, 0.01UF, 50V, X7R, CHIP
C6	1626-0335-016T	CAP, 3.3UF, 16V, TANT
C7	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C8	1620-2210-600T	CAP, 220PF, 100V, CHIP, NPO
C9	1620-1030-511T	CAP, 1000PF, 50V, CHIP, NPO
C10	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C11	1620-0689-001T	CAP, 6.8PF, 100V
C12	1620-1030-511T	CAP, 1000PF, 50V, CHIP, NPO
C13	1551-2320-300T	CAP, VAR 5-18PF, 250V SMD
C14	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C15	1523-0000-007T	CAP, 0.1UF, 25V, Z5U, CHIP
C16	1620-0390-001T	CAP, 39PF, 63V
C17	1620-1200-511T	CAP, 12PF, 100V, CHIP, NPO
C18	1523-0000-011T	CAP, 0.01UF, 50V, X7R, CHIP
C19	1626-0335-016T	CAP, 3.3UF, 16V, TANT
C20	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C21	1523-0000-007T	CAP, 0.1UF, 25V, Z5U, CHIP
C22	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C23	1620-0390-001T	CAP, 39PF, 63V
C24	1620-1200-511T	CAP, 12PF, 100V, CHIP, NPO
C25	1523-0000-011T	CAP, 0.01UF, 50V, X7R, CHIP
C26	1626-0335-016T	CAP, 3.3UF, 16V, TANT
C27	1620-2210-600T	CAP, 220PF, 100V, CHIP, NPO
C28	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C29	1620-1030-511T	CAP, 1000PF, 50V, CHIP, NPO
C30	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C31	1620-0689-001T	CAP, 6.8PF, 100V
C32	1620-1030-511T	CAP, 1000PF, 50V, CHIP, NPO
C33	1551-2320-300T	CAP, VAR 5-18PF, 250V SMD
C34	1523-0000-007T	CAP, 0.1UF, 25V, Z5U, CHIP
C35	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C36	1620-0390-001T	CAP, 39PF, 63V
C37	1620-1200-511T	CAP, 12PF, 100V, CHIP, NPO
C38	1523-0000-011T	CAP, 0.01UF, 50V, X7R, CHIP
C39	1626-0335-016T	CAP, 3.3UF, 16V, TANT
C40	1620-2210-600T	CAP, 220PF, 100V, CHIP, NPO
C41	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C42	1620-1030-511T	CAP, 1000PF, 50V, CHIP, NPO
C43	1620-0123-001T	CAP, 0.012UF, 100V, X7R, CHIP
C44	1620-0689-001T	CAP, 6.8PF, 100V
C45	1620-1030-511T	CAP, 1000PF, 50V, CHIP, NPO
C46	1551-2320-300T	CAP, VAR 5-18PF, 250V SMD

7010-0834-600

PCB ASSY, 17X/18X OSCILLATOR AMPLIFIER (cont)

B1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
J1	2116-0000-036	CONN,D-SUB PCMTG MALE 9-P
L1	1804-0000-007	IND,VAR, .138-.331UH,VIO 42
L2	1811-6471-001T	IND,SM .47UH 10% C 1008
L3	1811-6223-003T	IND,SM 22UH 10% C 1812
L4	1800-7820-002	COIL,TOKO
L5	1804-0000-007	IND,VAR, .138-.331UH,VIO 42
L6	1811-6471-001T	IND,SM .47UH 10% C 1008
L7	1811-6821-001T	IND,SM .82UH 10% C 1008
L8	1804-0000-007	IND,VAR, .138-.331UH,VIO 42
L9	1811-6471-001T	IND,SM .47UH 10% C 1008
L10	1811-6821-001T	IND,SM .82UH 10% C 1008
L11	1811-6223-003T	IND,SM 22UH 10% C 1812
L12	1800-7820-002	COIL,TOKO
L13	1804-0000-007	IND,VAR, .138-.331UH,VIO 42
L14	1811-6471-001T	IND,SM .47UH 10% C 1008
L15	1811-6821-001T	IND,SM .82UH 10% C 1008
L16	1811-6223-003T	IND,SM 22UH 10% C 1812
L17	1800-7820-002	COIL,TOKO
L18	1811-6821-001T	IND,SM .82UH 10% C 1008
Q1	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q2	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q3	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q4	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q5	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q6	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q7	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q8	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q9	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q10	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
Q11	4809-0000-023T	TRANS NPN RF AMPLR SOT-23
R1	4732-1002-001T	RES,10.0K,1/10W,1%
R2	4732-1002-001T	RES,10.0K,1/10W,1%
R3	4732-2211-001T	RES,2.21K,1/10W,1%
R4	4732-1821-001T	RES,1.82K,1/10W,1%
R5	4732-3921-001T	RES,3.92K,1/10W,1%,0805
R6	4732-8250-001T	RES,825,1/10W,1%
R7	4732-4759-001T	RES,47.5,1/10W,1%
R8	4732-1000-001T	RES,100,1/10W,1%
R9	4732-7501-001T	RES,7.50K,1/10W,1%,0805
R10	4732-2741-001T	RES,2.74K,1/10W,1%
R11	4732-2000-001T	RES,200,1/10W,1%,0805
R12	4732-1000-001T	RES,100,1/10W,1%
R13	4723-0153-002T	RES,15K,1/10W,5%,CHIP
R14	4732-4752-001T	RES,47.5K,1/10W,1%
R15	4732-0000-001T	RES,0,1/10W,1%
R16	4732-1002-001T	RES,10.0K,1/10W,1%
R17	4732-1002-001T	RES,10.0K,1/10W,1%
R18	4732-2211-001T	RES,2.21K,1/10W,1%
R19	4732-1821-001T	RES,1.82K,1/10W,1%
R20	4732-3921-001T	RES,3.92K,1/10W,1%,0805
R21	4732-8250-001T	RES,825,1/10W,1%
R22	4732-4759-001T	RES,47.5,1/10W,1%

7010-0834-600
PCB ASSY, 17X/18X OSCILLATOR AMPLIFIER (cont)
B1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R23	4732-1000-001T	RES,100,1/10W,1%
R24	4732-1002-001T	RES,10.0K,1/10W,1%
R25	4732-1002-001T	RES,10.0K,1/10W,1%
R26	4732-2211-001T	RES,2.21K,1/10W,1%
R27	4732-1821-001T	RES,1.82K,1/10W,1%
R28	4732-3921-001T	RES,3.92K,1/10W,1%,0805
R29	4732-8250-001T	RES,825,1/10W,1%
R30	4732-4759-001T	RES,47.5,1/10W,1%
R31	4732-1000-001T	RES,100,1/10W,1%
R32	4732-7501-001T	RES,7.50K,1/10W,1%,0805
R33	4732-2741-001T	RES,2.74K,1/10W,1%
R34	4732-2000-001T	RES,200,1/10W,1%,0805
R35	4732-1000-001T	RES,100,1/10W,1%
R36	4723-0153-002T	RES,15K,1/10W,5%,CHIP
R37	4732-4752-001T	RES,47.5K,1/10W,1%
R38	4732-0000-001T	RES,0,1/10W,1%
R39	4732-1002-001T	RES,10.0K,1/10W,1%
R40	4732-1002-001T	RES,10.0K,1/10W,1%
R41	4732-2211-001T	RES,2.21K,1/10W,1%
R42	4732-1821-001T	RES,1.82K,1/10W,1%
R43	4732-3921-001T	RES,3.92K,1/10W,1%,0805
R44	4732-8250-001T	RES,825,1/10W,1%
R45	4732-4759-001T	RES,47.5,1/10W,1%
R46	4732-1000-001T	RES,100,1/10W,1%
R47	4732-7501-001T	RES,7.50K,1/10W,1%,0805
R48	4732-2741-001T	RES,2.74K,1/10W,1%
R49	4732-2000-001T	RES,200,1/10W,1%,0805
R50	4732-1000-001T	RES,100,1/10W,1%
R51	4723-0153-002T	RES,15K,1/10W,5%,CHIP
R52	4732-4752-001T	RES,47.5K,1/10W,1%
R53	4732-0000-001T	RES,0,1/10W,1%
X1A	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
X1B	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
X2A	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
X2B	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
X3A	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
X3B	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
X4A	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
X4B	2114-0000-016	SOCKET,SPRING,SO,.018-.040D LA
Y1	2363-0096-000	XTAL, 97.900000MHZ,5 S,HC-25/U
Y2	2363-0004-000	XTAL, 97.800000MHZ,5 S,HC-25/U
Y3	2363-0006-000	XTAL,110.400000MHZ,5 S,HC-25/U
Y4	2363-0005-000	XTAL,103.000000MHZ,5 S,HC-25/U

7010-0818-200
PCB ASSY, SLS AND RF LEVELER
K5

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	1700-0817-400	SLS RF LEVELER
4	2800-7600-140	SPACER,AL,0.25 OD,4-40ID,0.400LG
5	2840-0000-029	WASHER,MICA,0.25OD,0.094ID,0.005T
6	2850-7866-300	STANDOFF,HEX,MALE-FEMALE
7	2803-0250-006	SCREW,4-40 X 1/4 PPHM
8	2840-0000-003	WASHER,LOCK,INT TOOTH,4
9	2800-7600-141	SPACER,AL,0.25 OD,4-40ID,0.440LG
C1	1501-0221-001	CAP,220PF,1000V,10%,DISC
C2	1506-0681-017	CAP,680PF,100V,5%,NPO
C3	1501-0332-001	CAP,3300PF,1000V,20%,DISC
C4	1507-0335-020	CAP,3.3UF,15V,20%,TANT
C5	1507-0335-020	CAP,3.3UF,15V,20%,TANT
C6	1507-0105-018	CAP,1UF,35V,20%,TANT
C7	1507-0105-018	CAP,1UF,35V,20%,TANT
C8	1507-0105-018	CAP,1UF,35V,20%,TANT
P14	2116-0000-015	CONN,D-SUB,M,15-P,PCM,STR,0.125
Q1	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
R1	4702-0103-003	RES,10K,1/4W,5%
R2	4702-0472-003	RES,4.7K,1/4W,5%
R3	4702-0223-003	RES,22K,1/4W,5%
R4	4702-0271-003	RES,270,1/4W,5%
R5	4702-0271-003	RES,270,1/4W,5%
R6	4702-0223-003	RES,22K,1/4W,5%
R7	4752-0502-002	POT 5K OHM
R8	4702-0152-003	RES,1.5K,1/4W,5%
R9	4702-0221-003	RES,220,1/4W,5%
R10	4702-0332-003	RES,3.3K,1/4W,5%
R11	4752-0201-002	POT,200 OHM
R12	4702-0392-003	RES,3.9K,1/4W,5%
R13	4702-0332-003	RES,3.3K,1/4W,5%
R14	4752-0203-002	POT 20K OHM
R16	4702-0471-003	RES,470,1/4W,5%
R17	4702-0222-003	RES,2.2K,1/4W,5%
R18	4702-0222-003	RES,2.2K,1/4W,5%
R19	4752-0102-002	POT 1K OHM
R20	4702-0221-003	RES,220,1/4W,5%
R21	4702-0104-003	RES,100K,1/4W,5%
R22	4702-0472-003	RES,4.7K,1/4W,5%
X1	3130-0000-026	IC,74123,DUAL MULTIVIBRATOR
X2	3130-0000-025	IC 741C METAL CAN OP AMP

7010-0803-600

PCB ASSY, ALTITUDE REGISTER AND COMPARATOR

L

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0802-500	BD PC ALT REGISTER COMPARATOR3
2	6011-0022-001	TUBING,TF,24 AWG,NATURAL,TW
3	4104-7603-500	EJECTOR RED MOD SCANBE 5-203 1
4	2108-0000-008	PIN FOR S-203 EJECTOR N/C
C1	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C2	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C3	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C4	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C5	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C6	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C7	1501-0471-001	CAP,470PF,1000V,10%,CER,DISC
C8	1507-0105-018	CAP,1UF,35V,20%,TANT
C9	1507-0105-018	CAP,1UF,35V,20%,TANT
C10	1507-0105-018	CAP,1UF,35V,20%,TANT
C11	1507-0105-018	CAP,1UF,35V,20%,TANT
C12	1507-0105-018	CAP,1UF,35V,20%,TANT
C13	1507-0105-018	CAP,1UF,35V,20%,TANT
CR1	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR2	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR3	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR4	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR5	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR6	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR7	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR8	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
Q1	4801-0000-001	TRANSISTOR NPN HS SW
Q2	4801-0000-001	TRANSISTOR NPN HS SW
Q3	4801-0000-001	TRANSISTOR NPN HS SW
Q4	4801-0000-001	TRANSISTOR NPN HS SW
Q5	4801-0000-001	TRANSISTOR NPN HS SW
Q6	4801-0000-001	TRANSISTOR NPN HS SW
Q7	4801-0000-001	TRANSISTOR NPN HS SW
Q8	4801-0000-001	TRANSISTOR NPN HS SW
Q9	4801-0000-001	TRANSISTOR NPN HS SW
Q10	4801-0000-001	TRANSISTOR NPN HS SW
Q11	4801-0000-001	TRANSISTOR NPN HS SW
Q12	4801-0000-001	TRANSISTOR NPN HS SW
Q13	4801-0000-001	TRANSISTOR NPN HS SW
Q14	4801-0000-001	TRANSISTOR NPN HS SW
Q15	4801-0000-001	TRANSISTOR NPN HS SW
Q16	4801-0000-001	TRANSISTOR NPN HS SW
Q17	4801-0000-001	TRANSISTOR NPN HS SW
R1	4702-0223-003	RES,22K,1/4W,5%
R2	4702-0223-003	RES,22K,1/4W,5%
R3	4702-0103-003	RES,10K,1/4W,5%
R4	4702-0103-003	RES,10K,1/4W,5%
R5	4702-0103-003	RES,10K,1/4W,5%
R6	4702-0103-003	RES,10K,1/4W,5%
R7	4702-0103-003	RES,10K,1/4W,5%
R8	4702-0102-003	RES,1.0K,1/4W,5%
R9	4702-0102-003	RES,1.0K,1/4W,5%
R10	4702-0102-003	RES,1.0K,1/4W,5%

7010-0803-600

PCB ASSY, ALTITUDE REGISTER AND COMPARATOR (cont)

L

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R11	4702-0102-003	RES,1.0K,1/4W,5%
R12	4702-0103-003	RES,10K,1/4W,5%
R13	4702-0103-003	RES,10K,1/4W,5%
R14	4702-0103-003	RES,10K,1/4W,5%
R15	4702-0103-003	RES,10K,1/4W,5%
R16	4702-0472-003	RES,4.7K,1/4W,5%
R17	4702-0103-003	RES,10K,1/4W,5%
R18	4702-0472-003	RES,4.7K,1/4W,5%
R19	4702-0472-003	RES,4.7K,1/4W,5%
R20	4702-0103-003	RES,10K,1/4W,5%
R21	4702-0103-003	RES,10K,1/4W,5%
R22	4702-0472-003	RES,4.7K,1/4W,5%
R23	4702-0472-003	RES,4.7K,1/4W,5%
R24	4702-0103-003	RES,10K,1/4W,5%
R25	4702-0103-003	RES,10K,1/4W,5%
R26	4702-0272-003	RES,2.7K,1/4W,5%
R27	4702-0271-003	RES,270,1/4W,5%
R28	4702-0102-003	RES,1.0K,1/4W,5%
R29	4702-0102-003	RES,1.0K,1/4W,5%
R30	4702-0102-003	RES,1.0K,1/4W,5%
R31	4702-0102-003	RES,1.0K,1/4W,5%
R32	4702-0102-003	RES,1.0K,1/4W,5%
R33	4702-0102-003	RES,1.0K,1/4W,5%
R34	4702-0102-003	RES,1.0K,1/4W,5%
R35	4702-0102-003	RES,1.0K,1/4W,5%
R36	4702-0103-003	RES,10K,1/4W,5%
R37	4702-0271-003	RES,270,1/4W,5%
R38	4702-0271-003	RES,270,1/4W,5%
R39	4701-0102-003	RES,1.0K,1/8W,5%
R40	4701-0102-003	RES,1.0K,1/8W,5%
R41	4701-0102-003	RES,1.0K,1/8W,5%
R42	4701-0102-003	RES,1.0K,1/8W,5%
R43	4701-0102-003	RES,1.0K,1/8W,5%
R44	4701-0102-003	RES,1.0K,1/8W,5%
R45	4701-0102-003	RES,1.0K,1/8W,5%
R46	4701-0102-003	RES,1.0K,1/8W,5%
R47	4701-0102-003	RES,1.0K,1/8W,5%
R48	4701-0102-003	RES,1.0K,1/8W,5%
R49	4701-0102-003	RES,1.0K,1/8W,5%
R50	4701-0102-003	RES,1.0K,1/8W,5%
X1	3130-0000-005	IC,7410,TRIPLE 3-INPUT NAND
X2	3130-0000-007	IC,7430,8-INPUT NAND
X6	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X7	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X8	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X9	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X10	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X11	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X12	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X13	3130-0000-012	IC,7476,DUAL JK FLIP-FLOP
X14	3130-0000-006	IC,7420,DUAL 4-INPUT NAND
X15	3130-0000-007	IC,7430,8-INPUT NAND

7010-0803-600

PCB ASSY, ALTITUDE REGISTER AND COMPARATOR (cont)

L

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
X16	3130-0000-007	IC,7430,8-INPUT NAND
X17	3130-0000-007	IC,7430,8-INPUT NAND
X18	3130-0000-007	IC,7430,8-INPUT NAND
X19	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X20	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X21	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X203	7010-0030-000	PCB ASSY,DM8200 TO 74LS85
X204	7010-0030-000	PCB ASSY,DM8200 TO 74LS85
X205	7010-0030-000	PCB ASSY,DM8200 TO 74LS85

7010-0030-000

PCB ASSY, DM8200 TO 74LS85

A2

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0020-000	PC BD,DM8200 TO 74LS85 ADAPTER
2	2129-1090-328	CONN,HDR,STR UNSHRD,28-P BREAK
X1	3131-0000-039	IC,74LS85,4-BIT MAGTD COMPTR

7010-0804-700
PCB ASSY, DME SIGNAL
C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0802-600	BD PC OME SIGNAL BOARD
2	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
3	4104-7603-600	EJECTOR GRN MOD SCANBE 5-203 1
4	2108-0000-008	PIN FOR S-203 EJECTOR N/C
5	1050-0000-074	WIRE,BUS,TINNED COPPER,24GA
2D301	4901-5237-200	DIODE,1N5237B,ZENER,8.2V,0.5W
C301	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C302	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C303	1507-0105-018	CAP,1UF,35V,20%,TANT
C304A	1506-0102-017	CAP,1000PF,100V,5%,NPO
C304B	1506-0102-017	CAP,1000PF,100V,5%,NPO
C305	1501-0221-001	CAP,220PF,1000V,10%,DISC
C306	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C307	1506-0221-017	CAP,220PF,100V,5%,NPO
C308	1501-0151-001	CAP,150PF,1000V,10%,DISC
C309	1506-0102-017	CAP,1000PF,100V,5%,NPO
C310	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C311A	1506-0102-017	CAP,1000PF,100V,5%,NPO
C311B	1506-0102-017	CAP,1000PF,100V,5%,NPO
C312A	1506-0102-017	CAP,1000PF,100V,5%,NPO
C312B	1506-0102-017	CAP,1000PF,100V,5%,NPO
C313	1501-0331-001	CAP,330PF,1000V,10%,CER,DISC
C314	1501-0331-001	CAP,330PF,1000V,10%,CER,DISC
C315	1506-0102-017	CAP,1000PF,100V,5%,NPO
C316	1501-0101-001	CAP,100PF,1000V,10%,DISC
C317	1501-0331-001	CAP,330PF,1000V,10%,CER,DISC
C318	1501-0331-001	CAP,330PF,1000V,10%,CER,DISC
C319	1501-0331-001	CAP,330PF,1000V,10%,CER,DISC
C320	1502-0473-010	CAP,0.047UF,50V,5%,PC
C321	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C322	1502-0103-010	CAP,0.01UF,50V,2%,PC
C323	1507-0105-018	CAP,1UF,35V,20%,TANT
C324	1507-0104-018	CAP,0.1UF,35V,20%,TANT
C325	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C326	1502-0103-010	CAP,0.01UF,50V,2%,PC
C327	1507-0104-018	CAP,0.1UF,35V,20%,TANT
C328	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C329	1507-0105-018	CAP,1UF,35V,20%,TANT
C330	1507-0105-018	CAP,1UF,35V,20%,TANT
C331	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C332	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C333	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C334	1507-0104-018	CAP,0.1UF,35V,20%,TANT
CR301	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR302	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR303	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR304	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR305	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR306	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR307	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
CR308	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR309	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV

7010-0804-700
PCB ASSY, DME SIGNAL (cont)
C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
CR310	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR311	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR312	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR313	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR314	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR315	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR316	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR317	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR318	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR319	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR320	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR321	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
Q301	5050-2601-000	TRANS,SF-90038,FET
Q302	4801-0000-001	TRANSISTOR NPN HS SW
Q303	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q304	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q305	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q306	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q307	4801-0000-001	TRANSISTOR NPN HS SW
Q308	4801-0000-001	TRANSISTOR NPN HS SW
Q309	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q310	4801-0000-001	TRANSISTOR NPN HS SW
Q311	4805-0000-003	TRANS,2N3646,NPN HS SW
Q312	4801-0000-001	TRANSISTOR NPN HS SW
Q313	4801-0000-001	TRANSISTOR NPN HS SW
Q314	4801-0000-001	TRANSISTOR NPN HS SW
Q315	4801-0000-001	TRANSISTOR NPN HS SW
Q316	4801-0000-001	TRANSISTOR NPN HS SW
Q317	4801-0000-001	TRANSISTOR NPN HS SW
Q318	4801-0000-001	TRANSISTOR NPN HS SW
Q319	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
R110	4702-0685-003	RES,6.8MEG,1/4W,5%
R301	4702-0273-003	RES,27K,1/4W,5%
R302	4702-0105-003	RES,1.0MEG,1/4W,5%
R303	4702-0102-003	RES,1.0K,1/4W,5%
R304	4702-0472-003	RES,4.7K,1/4W,5%
R305	4702-0154-003	RES,150K,1/4W,5%
R306	4702-0222-003	RES,2.2K,1/4W,5%
R307	4702-0560-003	RES,56,1/4W,5%
R308	4702-0102-003	RES,1.0K,1/4W,5%
R309	4702-0681-003	RES,680,1/4W,5%
R310	4702-0272-003	RES,2.7K,1/4W,5%
R311	4702-0272-003	RES,2.7K,1/4W,5%
R312	4702-0332-003	RES,3.3K,1/4W,5%
R313	4702-0222-003	RES,2.2K,1/4W,5%
R314	4702-0103-003	RES,10K,1/4W,5%
R315	4702-0332-003	RES,3.3K,1/4W,5%
R316	4753-0103-002	POT,10K OHM
R317	4706-2102-001	RES,21.0K,1/4W,1%
R318	4706-1822-001	RES,18.2K,1/4W,1%
R319	4702-0103-003	RES,10K,1/4W,5%
R320	4702-0472-003	RES,4.7K,1/4W,5%

7010-0804-700

PCB ASSY, DME SIGNAL (cont)

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R321	4702-0472-003	RES,4.7K,1/4W,5%
R322	4702-0472-003	RES,4.7K,1/4W,5%
R323	4702-0333-003	RES,33K,1/4W,5%
R324	4702-0271-003	RES,270,1/4W,5%
R325	4702-0103-003	RES,10K,1/4W,5%
R326	4702-0103-003	RES,10K,1/4W,5%
R327	4706-6491-001	RES,6.49K,1/4W,1%
R328	4702-0102-003	RES,1.0K,1/4W,5%
R329	4702-0102-003	RES,1.0K,1/4W,5%
R330	4702-0332-003	RES,3.3K,1/4W,5%
R331	4753-0502-002	POT 5K OHM
R332	4706-3482-001	RES,34.8K,1/4W,1%
R332SAT	4706-3162-001	RES,31.6K,1/4W,1%
R332SAT	4706-3322-001	RES,33.2K,1/4W,1%
R332SAT	4706-3652-001	RES,36.5K,1/4W,1%
R332SAT	4706-3832-001	RES,38.3K,1/4W,1%
R333	4753-0503-002	POT 50K OHM
R334	4706-2493-001	RES,249K,1/4W,1%
R335	4702-0332-003	RES,3.3K,1/4W,5%
R336	4702-0332-003	RES,3.3K,1/4W,5%
R337	4753-0502-002	POT 5K OHM
R338	4706-2052-001	RES,20.5K,1/4W,1%
R339	4753-0502-002	POT 5K OHM
R340SAT	4706-2552-001	RES,25.5K,1/4W,1%
R341	4702-0393-003	RES,39K,1/4W,5%
R342	4702-0103-003	RES,10K,1/4W,5%
R343	4702-0393-003	RES,39K,1/4W,5%
R344	4702-0682-003	RES,6.8K,1/4W,5%
R345	4706-4991-001	RES,4.99K,1/4W,1%
R346	4702-0333-003	RES,33K,1/4W,5%
R347	4702-0333-003	RES,33K,1/4W,5%
R348	4702-0333-003	RES,33K,1/4W,5%
R349	4702-0333-003	RES,33K,1/4W,5%
R350	4702-0333-003	RES,33K,1/4W,5%
R351	4702-0333-003	RES,33K,1/4W,5%
R352	4706-2002-001	RES,20.0K,1/4W,1%
R353	4706-2002-001	RES,20.0K,1/4W,1%
R354	4706-6041-001	RES,6.04K,1/4W,1%
R355	4753-0202-002	POT,2K OHM
R356	4702-0331-003	RES,330,1/4W,5%
R357	4706-1402-001	RES,14.0K,1/4W,1%
R358	4702-0563-003	RES,56K,1/4W,5%
R359	4702-0225-003	RES,2.2MEG,1/4W,5%
R360	4702-0682-003	RES,6.8K,1/4W,5%
R361	4702-0103-003	RES,10K,1/4W,5%
R362	4752-0102-002	POT 1K OHM
R363	4702-0105-003	RES,1.0MEG,1/4W,5%
R364	4702-0680-003	RES,68,1/4W,5%
R365	4702-0222-003	RES,2.2K,1/4W,5%
R366	4702-0332-003	RES,3.3K,1/4W,5%
R367	4702-0103-003	RES,10K,1/4W,5%
R368	4702-0103-003	RES,10K,1/4W,5%

7010-0804-700
PCB ASSY, DME SIGNAL (cont)
C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R369	4706-8061-001	RES,8.06K,1/4W,1%
R370	4702-0472-003	RES,4.7K,1/4W,5%
R371	4702-0152-003	RES,1.5K,1/4W,5%
R372	4706-1472-001	RES,14.7K,1/4W,1%
R373	4702-0103-003	RES,10K,1/4W,5%
R374	4706-3091-001	RES,3.09K,1/4W,1%
R375	4753-0502-002	POT 5K OHM
R376	4706-1002-001	RES,10.0K,1/4W,1%
R377	4702-0473-003	RES,47K,1/4W,5%
R378	4702-0331-003	RES,330,1/4W,5%
R379	4702-0103-003	RES,10K,1/4W,5%
X301	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X302	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X303	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X304	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X305	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X306	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X307	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X308	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X309	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X310	3130-0000-025	IC 741C METAL CAN OP AMP
X311	3130-0000-024	IC,709C,GENERAL PURPOSE OP AMP

7010-0804-700
PCB ASSY, DME SIGNAL (cont)
D

Includes all items in Revision C with the following exception:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R110	4702-0335-003	RES,3.3MEG,1/4W,5%

7005-0846-400

ASSY, PC CARDCAGE

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	1405-0956-300	PANEL,CARDCAGE,RIGHT
3	1405-0855-500	PANEL,LEFT CARD CAGE
4	2800-0813-900	SPACER
5	2800-0803-100	SPACER
6	2803-0250-003	SCREW,4-40 X 1/4 PFHM
7	4104-0000-001	CARD GUIDE NATURAL 23071-5
8	4104-7603-100	CD GD RED MOD SCANBE 23071-5 1
9	4104-7603-200	CD GD GRN MOD SCANBE 23071-5 1
10	4104-7603-300	CD GD BLU MOD SCANBE 23071-5 1
11	4104-7603-400	CD GD BLK MOD SCANBE 23071-5 1
17	2840-0000-018	WASHER,MICA,0.50OD,0.130ID,0.002T
18	2803-0313-006	SCREW,4-40 X 5/16 PPHM A
19	2801-0250-003	SCREW,2-56 X 1/4 PFHM
21	2840-0000-011	WASHER,COMP,0.27OD,0.115ID,0.042T
23	1415-0857-100	LEFT FRAME
24	2801-0250-006	SCREW,2-56 X 1/4 PPHM
25	4811-0000-002	TRANS,SJE1462,PNP PWR AMP
26	3107-0858-100	INSULATOR,MOTHERBD,600A-2
A1	7010-0834-400	PCB ASSY,MOTHERBOARD
J18	4760-0000-002	JACK MICROPHONE SWITCHCRAFTR2A
W1	1050-0000-073	WIRE,BUS,TINNED COPPER,22GA

7010-0834-400
PCB ASSY, MOTHERBOARD
C1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0824-400	PC BD,MOTHERBOARD
C1	1515-0471-006	CAP,470UF,10V,ELE,10
CR1	4901-4937-000	DIODE,IN4937,RECT,600V,1A
J1	2122-0000-007	PC CARD EDGE AMP 583679-2
J2	2122-0000-007	PC CARD EDGE AMP 583679-2
J3	2122-0000-007	PC CARD EDGE AMP 583679-2
J4	2122-0000-007	PC CARD EDGE AMP 583679-2
J5	2122-0000-007	PC CARD EDGE AMP 583679-2
J6	2115-0200-012	CONN,S ROW,0.120 RA HEADER,12P
J7	2115-0200-012	CONN,S ROW,0.120 RA HEADER,12P
J8	2115-0200-012	CONN,S ROW,0.120 RA HEADER,12P
J9	2115-0201-012	CONN,STRAIGHT,12 PIN
J10	2129-1001-016	CONN,RBN CA 16-P 0.1X.1GRD HDR
J11	2115-0201-012	CONN,STRAIGHT,12 PIN
J12	2115-0201-012	CONN,STRAIGHT,12 PIN
J13	2115-0201-012	CONN,STRAIGHT,12 PIN
J14	2115-0201-012	CONN,STRAIGHT,12 PIN
J15	2123-0000-061	CONN,SSMB,STR,PC MT JACK
J16	2123-0000-061	CONN,SSMB,STR,PC MT JACK
J17	2123-0000-061	CONN,SSMB,STR,PC MT JACK
L1	1801-0229-001	IND, 2.2 UH,0.4 OHM,1025-28
W1	6003-0001-009	WIRE,HOOK,TFE,30GA,SOLID,WHT
W2	6003-0001-009	WIRE,HOOK,TFE,30GA,SOLID,WHT
W3	6003-0001-009	WIRE,HOOK,TFE,30GA,SOLID,WHT
W4	6003-0001-009	WIRE,HOOK,TFE,30GA,SOLID,WHT

7005-0842-500
ASSY, DIGITAL DISPLAY
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1400-0853-801	BRACKET
2	1400-0853-802	BRACKET
3	2801-0250-006	SCREW,2-56 X 1/4 PPHM
4	3107-0850-200	INSUL,MYLAR ATC 600 COUNTER
5	3107-0955-000	INSULATOR,402 #1
6	4600-0000-003	OPTO DISPLAY,SP-332
7	7010-0832-500	PCB ASSY,DIGITAL DISPLAY
8	7010-0832-600	PCB ASSY,DIGITAL READOUT
9	7010-0933-000	PCB ASSY,POWER SUPPLY
10	6012-0076-100	TUBING,PVC-105,13 AWG,CLEAR
11	2114-0000-005	CONTACT,M D-SUB 20-24G LOOSE
12	6020-0125-200	TUBING,HS 1/8ID BLACK UL
13	6004-6005-400	TY-RAP,4.0 LG
W1	6008-3001-011	WIRE,UL 1430 22GA,WHT/BLK
W2	6008-3001-011	WIRE,UL 1430 22GA,WHT/BLK
W3	6008-3001-015	WIRE,UL 1430 22GA,WHT/YEL
W4	6008-3001-015	WIRE,UL 1430 22GA,WHT/YEL

7010-0933-000
PCB ASSY, POWER SUPPLY
A1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0923-000	PC BD, POWER SUPPLY
2	2750-0000-002	CORE,CUP,.709OD,.118ID,.210THK
3	1800-0962-601	WOUND BOBBIN ASSY
4	2803-0750-006	SCREW,4-40 X 3/4 PPHM
5	2840-0000-003	WASHER,LOCK,INT TOOTH,4
7	2850-0000-008	NUT,HEX,REG PAT,4-40
9	2840-0000-009	WASHER,FLAT,4,MS15795-803
C1	1503-0472-008	CAP,4700PF,50V,20%,PE
C2	1507-0336-023	CAP,30UF,10V,20%,TANT
C3	1507-0336-023	CAP,30UF,10V,20%,TANT
C4	1503-0104-009	CAP,0.1UF,200V,5%,PE *
C5	1503-0104-009	CAP,0.1UF,200V,5%,PE *
CR1	4815-0000-002	DIODE, 1N4004 ,RECT, 400V, 1A
CR2	4815-0000-002	DIODE, 1N4004 ,RECT, 400V, 1A
CR3	4818-0000-002	DIODE, 1N5248B ,ZENER, 18V,.5W
Q1	4811-0000-004	TRANS,MJE520 ,
Q2	4811-0000-004	TRANS,MJE520 ,
R1	4702-0271-003	RES,270,1/4W,5%
R2	4702-0102-003	RES,1.0K,1/4W,5%
R3	4704-0104-003	RES,100K,1W,5%
T1	5604-0000-001	TRANSFORMER 326-0142 ALLADIN

7010-0832-500

PCB ASSY, DIGITAL DISPLAY

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0822-500	PC BD,DIGITAL DISPLAY
R37	4702-0222-003	RES,2.2K,1/4W,5%
R38	4702-0125-003	RES,1.2MEG,1/4W,5%
R39	4702-0125-003	RES,1.2MEG,1/4W,5%
R40	4702-0222-003	RES,2.2K,1/4W,5%
XDS1	3101-0000-003	SOCKET DISPLAY SPERRY CS-332
XDS2	3101-0000-003	SOCKET DISPLAY SPERRY CS-332

7010-0832-600
PCB ASSY, DIGITAL READOUT
A1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0822-600	PC BD,DIGITAL READOUT
2	4835-0000-004	PAD,MTG,TO-18 TRANS,7717-46NW
3	6011-0018-001	TUBING,TF,26 AWG,NATURAL,TW
C1	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C2	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C3	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C4	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C5	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C6	1501-0101-001	CAP,100PF,1000V,10%,DISC
CR1	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR2	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR3	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR4	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR5	4815-0000-002	DIODE,1N4004,RECT,400V,1A
CR6	4815-0000-002	DIODE,1N4004,RECT,400V,1A
Q1	4801-0000-003	TRANS,2N2896,NPN SW AMP
Q2	4801-0000-003	TRANS,2N2896,NPN SW AMP
Q3	4801-0000-001	TRANSISTOR NPN HS SW
Q4	4801-0000-001	TRANSISTOR NPN HS SW
Q5	4801-0000-001	TRANSISTOR NPN HS SW
Q6	4801-0000-001	TRANSISTOR NPN HS SW
Q7	4801-0000-001	TRANSISTOR NPN HS SW
Q8	4801-0000-001	TRANSISTOR NPN HS SW
Q9	4801-0000-001	TRANSISTOR NPN HS SW
Q10	4801-0000-001	TRANSISTOR NPN HS SW
Q11	4801-0000-001	TRANSISTOR NPN HS SW
Q13	4801-0000-001	TRANSISTOR NPN HS SW
Q14	4801-0000-001	TRANSISTOR NPN HS SW
R1	4702-0102-003	RES,1.0K,1/4W,5%
R2	4702-0222-003	RES,2.2K,1/4W,5%
R3	4702-0223-003	RES,22K,1/4W,5%
R4	4702-0223-003	RES,22K,1/4W,5%
R5	4702-0223-003	RES,22K,1/4W,5%
R6	4702-0223-003	RES,22K,1/4W,5%
R7	4702-0333-003	RES,33K,1/4W,5%
R8	4702-0333-003	RES,33K,1/4W,5%
R9	4702-0333-003	RES,33K,1/4W,5%
R10	4702-0333-003	RES,33K,1/4W,5%
R11	4702-0333-003	RES,33K,1/4W,5%
R12	4702-0333-003	RES,33K,1/4W,5%
R13	4702-0333-003	RES,33K,1/4W,5%
R14	4702-0333-003	RES,33K,1/4W,5%
R15	4702-0333-003	RES,33K,1/4W,5%
R16	4702-0102-003	RES,1.0K,1/4W,5%
R17	4702-0333-003	RES,33K,1/4W,5%
R18	4702-0333-003	RES,33K,1/4W,5%
R19	4702-0271-003	RES,270,1/4W,5%
R20	4702-0271-003	RES,270,1/4W,5%
R21	4702-0271-003	RES,270,1/4W,5%
R22	4702-0271-003	RES,270,1/4W,5%
R23	4702-0274-003	RES,270K,1/4W,5%
R24	4702-0274-003	RES,270K,1/4W,5%

7010-0832-600

PCB ASSY, DIGITAL READOUT (cont)

A1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R25	4702-0274-003	RES,270K,1/4W,5%
R26	4702-0274-003	RES,270K,1/4W,5%
R27	4702-0474-003	RES,470K,1/4W,5%
R28	4702-0274-003	RES,270K,1/4W,5%
R34	4702-0103-003	RES,10K,1/4W,5%
R35	4702-0103-003	RES,10K,1/4W,5%
R36	4702-0103-003	RES,10K,1/4W,5%
R37	4702-0103-003	RES,10K,1/4W,5%
W1	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
X1	3135-0000-009	IC,700,DISPLAY DECODER/DRIVER
X2	3135-0000-009	IC,700,DISPLAY DECODER/DRIVER
X3	3135-0000-009	IC,700,DISPLAY DECODER/DRIVER
X4	3135-0000-009	IC,700,DISPLAY DECODER/DRIVER
X5	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X6	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X7	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X8	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X9	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X10	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X11	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X12	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X13	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X14	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X15	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X16	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X17	3133-0000-006	IC,4049UB,HEX BUFFER/CONVERTER
X18	3133-0000-006	IC,4049UB,HEX BUFFER/CONVERTER
X19	3130-0000-013	IC,7490A,DECADE COUNTER
X20	3130-0000-013	IC,7490A,DECADE COUNTER
X21	3130-0000-019	IC,74190,BCD SYN U/D COUNTER
X22	3130-0000-019	IC,74190,BCD SYN U/D COUNTER
X23	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X24	3130-0000-006	IC,7420,DUAL 4-INPUT NAND
X25	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X26	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X27	3130-0000-002	IC,7402,QUAD 2-INPUT NOR

7005-0847-000

ASSY, DIGITAL DISPLAY

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1400-0858-600	BRACKET,DISPLAY PCB MTG
2	2801-0250-006	SCREW,2-56 X 1/4 PPHM
A1	7010-0835-000	PCB ASSY,DIGITAL DISPLAY
DS1	4950-1000-100	LED,7SEGRED,10MM,HDSP-F111
DS2	4950-1000-100	LED,7SEGRED,10MM,HDSP-F111
DS3	4950-1000-100	LED,7SEGRED,10MM,HDSP-F111
DS4	4950-1000-100	LED,7SEGRED,10MM,HDSP-F111

7010-0835-000
PCB ASSY, DIGITAL READOUT
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0825-000	PC BD,DIGITAL DISPLAY
C1	1620-0104-001T	CAP,.1UF,50V,5%,0805,X7R
C2	1620-0104-001T	CAP,.1UF,50V,5%,0805,X7R
C3	1620-0104-001T	CAP,.1UF,50V,5%,0805,X7R
C4	1620-0104-001T	CAP,.1UF,50V,5%,0805,X7R
C5	1620-0104-001T	CAP,.1UF,50V,5%,0805,X7R
C6	1620-0104-001T	CAP,.1UF,50V,5%,0805,X7R
C7	1620-0104-001T	CAP,.1UF,50V,5%,0805,X7R
C8	1620-6800-511T	CAP,68PF,100V,CHIP,NPO
J1	2115-0201-006	CONN, STRAIGHT, 6 PIN
R1	4732-2741-001T	RES,2.74K,1/10W,1%
R2	4732-2741-001T	RES,2.74K,1/10W,1%
R3	4732-2741-001T	RES,2.74K,1/10W,1%
R4	4732-2741-001T	RES,2.74K,1/10W,1%
R5	4732-2741-001T	RES,2.74K,1/10W,1%
R6	4732-2741-001T	RES,2.74K,1/10W,1%
R7	4732-2741-001T	RES,2.74K,1/10W,1%
R8	4732-2741-001T	RES,2.74K,1/10W,1%
R9	4732-2741-001T	RES,2.74K,1/10W,1%
R10	4732-2741-001T	RES,2.74K,1/10W,1%
R11	4732-2741-001T	RES,2.74K,1/10W,1%
R12	4732-2741-001T	RES,2.74K,1/10W,1%
R13	4732-2741-001T	RES,2.74K,1/10W,1%
R14	4732-2741-001T	RES,2.74K,1/10W,1%
R15	4732-2741-001T	RES,2.74K,1/10W,1%
R16	4732-2741-001T	RES,2.74K,1/10W,1%
R17	4732-2741-001T	RES,2.74K,1/10W,1%
R18	4732-2741-001T	RES,2.74K,1/10W,1%
R19	4732-2741-001T	RES,2.74K,1/10W,1%
R20	4732-2741-001T	RES,2.74K,1/10W,1%
R21	4732-2741-001T	RES,2.74K,1/10W,1%
R22	4732-2741-001T	RES,2.74K,1/10W,1%
R23	4732-2741-001T	RES,2.74K,1/10W,1%
R24	4732-2741-001T	RES,2.74K,1/10W,1%
R25	4732-2741-001T	RES,2.74K,1/10W,1%
R26	4732-2741-001T	RES,2.74K,1/10W,1%
R27	4732-2741-001T	RES,2.74K,1/10W,1%
R28	4732-2741-001T	RES,2.74K,1/10W,1%
R29	4732-2741-001T	RES,2.74K,1/10W,1%
R30	4732-1002-001T	RES,10.0K,1/10W,1%
R31	4732-1002-001T	RES,10.0K,1/10W,1%
R32	4732-1002-001T	RES,10.0K,1/10W,1%
R33	4732-1002-001T	RES,10.0K,1/10W,1%
R34	4732-1002-001T	RES,10.0K,1/10W,1%
R35	4732-1002-001T	RES,10.0K,1/10W,1%
R36	4732-1002-001T	RES,10.0K,1/10W,1%
R37	4732-1002-001T	RES,10.0K,1/10W,1%
R38	4732-1002-001T	RES,10.0K,1/10W,1%
R39	4732-1002-001T	RES,10.0K,1/10W,1%
R40	4732-1002-001T	RES,10.0K,1/10W,1%
R41	4732-1002-001T	RES,10.0K,1/10W,1%
R42	4732-1002-001T	RES,10.0K,1/10W,1%

7010-0835-000
PCB ASSY, DIGITAL READOUT (cont)
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R43	4732-1002-001T	RES,10.0K,1/10W,1%
R44	4732-1002-001T	RES,10.0K,1/10W,1%
TP1	2114-0000-074T	TEST POINT,1206,SMT
TP2	2114-0000-074T	TEST POINT,1206,SMT
TP3	2114-0000-074T	TEST POINT,1206,SMT
TP4	2114-0000-074T	TEST POINT,1206,SMT
TP5	2114-0000-074T	TEST POINT,1206,SMT
TP6	2114-0000-074T	TEST POINT,1206,SMT
TP7	2114-0000-074T	TEST POINT,1206,SMT
TP8	2114-0000-074T	TEST POINT,1206,SMT
TP9	2114-0000-074T	TEST POINT,1206,SMT
U1	3255-0000-007	IC,XC95144,PQ100,CPLD
U1	F350-0820-100	IC,PROG,DIG DISPLY 600-2 V1.00
X1	3101-0000-014	SOCKET,DIP,.3CTR,VERT PC B MT
X2	3101-0000-014	SOCKET,DIP,.3CTR,VERT PC B MT
X3	3101-0000-014	SOCKET,DIP,.3CTR,VERT PC B MT
X4	3101-0000-014	SOCKET,DIP,.3CTR,VERT PC B MT

7015-0818-100
ASSY, SLS ATTENUATOR AND RF BLOCK
H1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	2100-0817-701	BLOCK,SLS ATTEN/RF BOTTOM
3	2100-0817-702	BLOCK,SLS ATTEN/RF TOP
4	2113-0000-022	CONN,FRONT MT,BULKHEAD RECPT
5	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
6	4825-0000-002	DIODE,PS083B,PIN,0.10PF,3NS
7	1801-0108-001	IND, .10UH,0.08OHM,1025-94
8	1801-0109-001	IND, 1.0 UH,1 OHM,1025-20
9	1526-0000-002	CAP,47PF,500V,FEEDTHRU
10	2501-7600-118	SPACER,BR,0.312OD,0.203ID,0.125LG
11	1523-0000-002	CAP,1800PF,50V,X7R,CHIP
12	4706-7689-001	RES,76.8,1/4W,1%
13	4706-1000-001	RES,100,1/4W,1%
14	4706-1330-001	RES,133,1/4W,1%
15	2803-0094-001	SCREW 4-40 X 3/32 SS
16	2804-0500-002	SCREW 6-32X1/2 SHCS

7015-0818-100
ASSY, SLS ATTENUATOR AND RF BLOCK
J

Includes all items in Revision H1 with the following exception:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
6	4828-0000-002	DIODE,PIN,3 PF,100 NS

7015-0807-100
ASSY, DIODE SWITCH BLOCK
E3

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	2100-0805-200	BLOCK DIODE SWITCH 2
2	2803-0250-006	SCREW,4-40 X 1/4 PPHM
3	2840-0000-003	WASHER,LOCK,INT TOOTH,4
4	2501-7600-118	SPACER,BR,.312OD,.203ID,.125LG
5	2803-0750-002	SCREW 4-40X3/4 SHCH
6	2803-0094-001	SCREW 4-40 X 3/32 SS
C812	1526-0000-002	CAP,47PF,500V,FEEDTHRU
CR803	4828-0000-002	DIODE,PIN,.3 PF,100 NS
CR804	4828-0000-002	DIODE,PIN,.3 PF,100 NS
CR805	4828-0000-002	DIODE,PIN,.3 PF,100 NS
J20301	2123-0000-002	CONN AEP 17-0104-000
J20302	2123-0000-002	CONN AEP 17-0104-000
J20303	2123-0000-002	CONN AEP 17-0104-000
J20304	2124-0000-001	CONN RF AMP 49000
L804	1801-0108-001	IND, .10UH,.08OHM,1025-94
L805	1801-0108-001	IND, .10UH,.08OHM,1025-94
L806	1801-0108-001	IND, .10UH,.08OHM,1025-94
R812	4702-0330-003	RES,33,1/4W,5% *
R813	4702-0330-003	RES,33,1/4W,5% *
R814	4702-0330-003	RES,33,1/4W,5% *
R815	4702-0101-003	RES,100,1/4W,5%

7005-0846-200

ASSY, RF CHASSIS

D

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1400-0811-400	BRACKET
2	2803-0313-003	SCREW 4-40 X 5/16 PFHMS
3	2840-0000-003	WASHER,LOCK,INT TOOTH,4
4	2840-0000-016	3/8 INT TOOTH LOCKWASHER
5	2850-0000-020	NUT,HEX,SMALL PAT,4-40
6	2850-7866-300	STANDOFF,HEX,MALE-FEMALE
7	4835-0000-004	PAD,MTG,TO-18 TRANS,7717-46NW
8	6011-0027-001	TUBING,TF,22 AWG,NATURAL,TW
9	6011-0018-001	TUBING,TF,26 AWG,NATURAL,TW
11	2506-0856-900	PLATE,RF CHASSIS
12	1400-0858-200	BRACKET,TUNING
14	2840-0000-008	WASHER,FLAT,4,AN960-C4
C1	1507-0105-018	CAP,1UF,35V,20%,TANT
C2	1506-0100-017	CAP,10PF,100V,5%,NPO
C3	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C4	1501-0339-001	CAP,3.3PF,600V,NPO,DISC
C5	1501-0339-001	CAP,3.3PF,600V,NPO,DISC
C6	1501-0220-001	CAP,20PF,1000V,10%,DISC
C7	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C8	1521-0000-005	CAP VAR,9.0-35PF,200V,VPE
C9	1500-7611-300	CAP,6.3-50PF,1400V,VAR,MCA50
C10	1506-0100-017	CAP,10PF,100V,5%,NPO
C11	1506-0100-017	CAP,10PF,100V,5%,NPO
C13	1507-0105-018	CAP,1UF,35V,20%,TANT
C14	1507-0105-018	CAP,1UF,35V,20%,TANT
C15	1501-0151-001	CAP,150PF,1000V,10%,DISC
C16	1507-0105-018	CAP,1UF,35V,20%,TANT
C17	1507-0105-018	CAP,1UF,35V,20%,TANT
CR1	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
CR2	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
CR6	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
FL1	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
J1	2113-0000-019	CONN UG1104A/U 1 EA PA C117A
J13	2116-0000-002	CONN,D-SUB,M,9-P,CCA(CNI)
J13-1	2114-0000-029	CONTACT,M D-SUB 24-28G CHAIN
J13-2	2114-0000-029	CONTACT,M D-SUB 24-28G CHAIN
J13-3	2114-0000-029	CONTACT,M D-SUB 24-28G CHAIN
J13-4	2114-0000-029	CONTACT,M D-SUB 24-28G CHAIN
J13-5	2114-0000-029	CONTACT,M D-SUB 24-28G CHAIN
J13-6	2114-0000-029	CONTACT,M D-SUB 24-28G CHAIN
J13-7	2114-0000-029	CONTACT,M D-SUB 24-28G CHAIN
J13-9	2114-0000-029	CONTACT,M D-SUB 24-28G CHAIN
L1	1801-0108-001	IND, .10UH,0.08OHM,1025-94
L2	1801-0689-001	IND, 6.8 UH,2 OHM,1025-40
L3	1805-0000-001	COIL FORM JW MILLER 4500-2
L7	1801-0689-001	IND, 6.8 UH,2 OHM,1025-40
Q1	4801-0000-001	TRANSISTOR NPN HS SW
Q2	4801-0000-001	TRANSISTOR NPN HS SW
Q3	4809-0100-100	TRANS,55100 NPN HF AMP
Q4	4801-0000-001	TRANSISTOR NPN HS SW
Q5	4805-0000-003	TRANS,2N3646,NPN HS SW
R1	4702-0151-003	RES,150,1/4W,5%

7005-0846-200
ASSY, RF CHASSIS (cont)
D

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R2	4702-0151-003	RES,150,1/4W,5%
R3	4702-0103-003	RES,10K,1/4W,5%
R4	4702-0105-003	RES,1.0MEG,1/4W,5%
R5	4702-0103-003	RES,10K,1/4W,5%
R6	4702-0680-003	RES,68,1/4W,5%
R7	4702-0682-003	RES,6.8K,1/4W,5%
R8	4702-0102-003	RES,1.0K,1/4W,5%
R9	4702-0101-003	RES,100,1/4W,5%
R10	4702-0470-003	RES,47,1/4W,5%
R11	4702-0223-003	RES,22K,1/4W,5%
R16	4702-0102-003	RES,1.0K,1/4W,5%
R17	4702-0105-003	RES,1.0MEG,1/4W,5%
R18	4702-0472-003	RES,4.7K,1/4W,5%
R19	4702-0472-003	RES,4.7K,1/4W,5%
R20	4702-0474-003	RES,470K,1/4W,5%
R21	4702-0102-003	RES,1.0K,1/4W,5%
R22	4702-0392-003	RES,3.9K,1/4W,5%
W1	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
W2	6003-0000-005	WIRE,HOOK,TFE,26GA,7S,YELLOW
W3	6003-0000-008	WIRE,HOOK,TFE,26GA,7S,VIOLET
W4	6003-0000-002	WIRE,HOOK,TFE,26GA,7S,BROWN
W5	6003-0000-007	WIRE,HOOK,TFE,26GA,7S,BLUE
W6	6003-0000-006	WIRE,HOOK,TFE,26GA,7S,GREEN
W7	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
W8	6003-0000-010	WIRE,HOOK,TFE,26GA,7S,WHITE
W9	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W10	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W11	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W14	6051-2030-250	COAX,RG178,ES30-ES31
W15	6050-2040-450	COAX ASSY,RG316,RA SMC-ES06
W16	6000-6010-280	WIRE,MAG,SINGLE BELDSOL,28GA
W17	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W18	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W19	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA

7005-0846-200
ASSY, RF CHASSIS
E

Includes all items in Revision D with the following exception:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	2803-0313-006	SCREW 4-40 X 5/16 PPHM

7010-0803-800
PCB ASSY, REGULATOR/TIMER
AE

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0802-700	PC BD REGULATOR/TIMER
2	2108-0000-008	PIN FOR S-203 EJECTOR N/C
3	4104-7603-800	EJECTOR BLK MOD SCANBE 5-203 1
C501	1507-0475-021	CAP,4.7UF,20V,20%,TANT
C502	1507-0105-018	CAP,1UF,35V,20%,TANT
C503	1501-0331-001	CAP,330PF,1000V,10%,CER,DISC
C504	1507-0104-018	CAP,0.1UF,35V,20%,TANT
C505	1507-0105-018	CAP,1UF,35V,20%,TANT
C506	1507-0685-020	CAP,6.8UF,15V,20%,TANT
C507	1507-0476-018	CAP,47UF,35V,20%,TANT
C508	1507-0105-018	CAP,1UF,35V,20%,TANT
C509	1507-0334-018	CAP,0.33UF,35V,20%,TANT
C510	1507-0105-018	CAP,1UF,35V,20%,TANT
C511	1507-0685-020	CAP,6.8UF,15V,20%,TANT
C512	1507-0476-018	CAP,47UF,35V,20%,TANT
C513	1507-0475-021	CAP,4.7UF,20V,20%,TANT
C514	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C515	1507-0105-018	CAP,1UF,35V,20%,TANT
C516	1507-0475-021	CAP,4.7UF,20V,20%,TANT
C517	1507-0475-021	CAP,4.7UF,20V,20%,TANT
C518	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C519	1507-0685-020	CAP,6.8UF,15V,20%,TANT
C520	1507-0225-019	CAP,2.2UF,25V,20%,TANT
CR501	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR502	4818-0000-004	DIODE,1N5234B,ZENER,6.2V,0.5W
CR503	4818-0000-001	DIODE,1N5240B,ZENER,10V,0.5W
CR504	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR505	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR506	4815-0000-002	DIODE,1N4004,RECT,400V,1A
CR508	4818-0000-004	DIODE,1N5234B,ZENER,6.2V,0.5W
CR509	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR510	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR511	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR512	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR513	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR514	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR515	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR516	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
CR517	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR518	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR519	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR520	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR521	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR522	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR523	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR524	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR525	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR526	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR527	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR528	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR529	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR530	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV

7010-0803-800
PCB ASSY, REGULATOR/TIMER (cont)
AE

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
K501	4501-0000-005	RELAY 50-GBON-1-A-150
Q501	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q502	4801-0000-001	TRANSISTOR NPN HS SW
Q503	4801-0000-001	TRANSISTOR NPN HS SW
Q504	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q505	4801-0000-001	TRANSISTOR NPN HS SW
Q506	4801-0000-001	TRANSISTOR NPN HS SW
Q507	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q508	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q509	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q510	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q511	4801-0000-001	TRANSISTOR NPN HS SW
Q512	4801-0000-002	TRANS,2N2405,NPN AMP
Q513	4801-0000-001	TRANSISTOR NPN HS SW
Q514	4801-0000-001	TRANSISTOR NPN HS SW
Q515	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q516	4801-0000-001	TRANSISTOR NPN HS SW
Q517	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q518	4801-0000-001	TRANSISTOR NPN HS SW
Q519	4801-0000-001	TRANSISTOR NPN HS SW
Q520	4801-0000-001	TRANSISTOR NPN HS SW
Q521	4801-0000-001	TRANSISTOR NPN HS SW
Q522	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q523	4801-0000-001	TRANSISTOR NPN HS SW
Q524	4801-0000-001	TRANSISTOR NPN HS SW
Q525	4801-0000-001	TRANSISTOR NPN HS SW
Q526	4801-0000-001	TRANSISTOR NPN HS SW
Q527	4805-0000-003	TRANS,2N3646,NPN HS SW
R501	4703-0109-003	RES,1,1/2W,5%
R502	4702-0472-003	RES,4.7K,1/4W,5%
R503	4706-1001-001	RES,1.00K,1/4W,1%
R504	4702-0392-003	RES,3.9K,1/4W,5%
R505	4706-1271-001	RES,1.27K,1/4W,1%
R506	4753-0501-002	POT 500 OHM
R507	4702-0332-003	RES,3.3K,1/4W,5%
R508	4702-0102-003	RES,1.0K,1/4W,5%
R509	4702-0102-003	RES,1.0K,1/4W,5%
R510	4702-0102-003	RES,1.0K,1/4W,5%
R511	4702-0270-003	RES,27,1/4W,5%
R512	4702-0331-003	RES,330,1/4W,5%
R513	4702-0681-003	RES,680,1/4W,5%
R514	4702-0272-003	RES,2.7K,1/4W,5%
R515	4702-0472-003	RES,4.7K,1/4W,5%
R516	4702-0103-003	RES,10K,1/4W,5%
R517	4702-0223-003	RES,22K,1/4W,5%
R518	4702-0562-003	RES,5.6K,1/4W,5%
R519	4702-0392-003	RES,3.9K,1/4W,5%
R520	4702-0224-003	RES,220K,1/4W,5%
R521	4702-0103-003	RES,10K,1/4W,5%
R522	4702-0104-003	RES,100K,1/4W,5%
R523	4703-0399-003	RES,3.9,1/2W,5%
R524	4702-0272-003	RES,2.7K,1/4W,5%

7010-0803-800

PCB ASSY, REGULATOR/TIMER (cont)

AE

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R525	4753-0502-002	POT 5K OHM
R526	4703-0122-003	RES,1.2K,1/2W,5%
R527	4706-3652-001	RES,36.5K,1/4W,1%
R528	4706-1782-001	RES,17.8K,1/4W,1%
R529	4702-0102-003	RES,1.0K,1/4W,5%
R530	4706-3921-001	RES,3.92K,1/4W,1%
R531	4702-0472-003	RES,4.7K,1/4W,5%
R532	4706-2211-001	RES,2.21K,1/4W,1%
R533	4702-0102-003	RES,1.0K,1/4W,5%
R534	4702-0102-003	RES,1.0K,1/4W,5%
R535	4702-0472-003	RES,4.7K,1/4W,5%
R536	4702-0102-003	RES,1.0K,1/4W,5%
R537	4702-0569-003	RES,5.6,1/4W,5%
R538	4702-0103-003	RES,10K,1/4W,5%
R539	4702-0392-003	RES,3.9K,1/4W,5%
R540	4702-0102-003	RES,1.0K,1/4W,5%
R541	4702-0685-003	RES,6.8MEG,1/4W,5%
R542	4702-0475-003	RES,4.7MEG,1/4W,5%
R543	4753-0103-002	POT,10K OHM
R544	4706-1212-001	RES,12.1K,1/4W,1%
R545	4702-0274-003	RES,270K,1/4W,5%
R546	4702-0565-003	RES,5.6MEG,1/4W,5%
R547	4702-0393-003	RES,39K,1/4W,5%
R548	4702-0472-003	RES,4.7K,1/4W,5%
R549	4702-0222-003	RES,2.2K,1/4W,5%
R550	4702-0472-003	RES,4.7K,1/4W,5%
R551	4702-0105-003	RES,1.0MEG,1/4W,5%
R552	4702-0474-003	RES,470K,1/4W,5%
R553	4706-2611-001	RES,2.61K,1/4W,1%
R554	4702-0472-003	RES,4.7K,1/4W,5%
R555	4753-0202-002	POT,2K OHM
R556	4753-0202-002	POT,2K OHM
R557	4706-4121-001	RES,4.12K,1/4W,1%
R558	4702-0102-003	RES,1.0K,1/4W,5%
R559	4702-0332-003	RES,3.3K,1/4W,5%
R560	4702-0102-003	RES,1.0K,1/4W,5%
R561	4702-0915-002	RES,9.1MEG,1/4W,5%
R562	4702-0471-003	RES,470,1/4W,5%
R563	4702-0273-003	RES,27K,1/4W,5%
R564	4702-0152-003	RES,1.5K,1/4W,5%
R565	4702-0472-003	RES,4.7K,1/4W,5%
R566	4702-0221-003	RES,220,1/4W,5%
R567	4702-0152-003	RES,1.5K,1/4W,5%
R568	4702-0103-003	RES,10K,1/4W,5%
R569	4706-6811-001	RES,6.81K,1/4W,1%
R570	4753-0502-002	POT 5K OHM
R571	4702-0102-003	RES,1.0K,1/4W,5%
R572	4702-0101-003	RES,100,1/4W,5%
R573	4702-0102-003	RES,1.0K,1/4W,5%
R574	4702-0471-003	RES,470,1/4W,5%
R575	4702-0472-003	RES,4.7K,1/4W,5%
R576	4702-0102-003	RES,1.0K,1/4W,5%

7010-0803-800

PCB ASSY, REGULATOR/TIMER (cont)

AE

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R577	4702-0104-003	RES,100K,1/4W,5%
R578	4702-0471-003	RES,470,1/4W,5%
R579	4706-4992-001	RES,49.9K,1/4W,1%
R580	4752-0203-002	POT 20K OHM
R581	4702-0273-003	RES,27K,1/4W,5%
R582	4702-0104-003	RES,100K,1/4W,5%
R583	4702-0102-003	RES,1.0K,1/4W,5%
R584	4702-0102-003	RES,1.0K,1/4W,5%
R585	4706-2802-001	RES,28.0K,1/4W,1%
R586	4702-0183-003	RES,18K,1/4W,5%
R587	4702-0682-003	RES,6.8K,1/4W,5%
X501	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X502	3134-0000-003	IC,1458,DUAL HI PERF OP AMP
X503	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X504	3130-0000-001	IC,7400,QUAD 2-INPUT NAND

7010-0819-900

PCB ASSY, RANGE VELOCITY

J

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0819-700	PC BD,DME RNG/VEL BD
2	2108-0000-008	PIN FOR S-203 EJECTOR N/C
3	2301-0000-001	CRYSTAL HOLDER 8004-1G3 AUGAT
4	2820-0000-006	EYELET GS-3-4 STIMPSON
5	4104-7603-700	EJECTOR BLU MOD SCANBE 5-203 1
C2	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C3	1506-0331-017	CAP,330PF,100V,5%,NPO
C4	1507-0475-018	CAP,4.7UF,35V,20%,TANT
C5	1507-0105-018	CAP,1UF,35V,20%,TANT
C6	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C7	1507-0105-018	CAP,1UF,35V,20%,TANT
C8	1507-0105-018	CAP,1UF,35V,20%,TANT
C9	1507-0105-018	CAP,1UF,35V,20%,TANT
C10	1507-0105-018	CAP,1UF,35V,20%,TANT
C11	1503-0222-010	CAP,2200PF,50V,20%,PE
C12	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C14	1502-0223-006	CAP,0.022UF,100V,5%,MPC
C15	1506-0331-017	CAP,330PF,100V,5%,NPO
C16	1507-0105-018	CAP,1UF,35V,20%,TANT
C17	1507-0105-018	CAP,1UF,35V,20%,TANT
CR1	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
Q1	4801-0000-001	TRANSISTOR NPN HS SW
Q2	4802-0000-001	TRANS,2N2646,PN UNIJUNCT
R1	4702-0271-003	RES,270,1/4W,5%
R2	4702-0271-003	RES,270,1/4W,5%
R3	4702-0333-003	RES,33K,1/4W,5%
R4	4702-0271-003	RES,270,1/4W,5%
R5	4702-0103-003	RES,10K,1/4W,5%
R6	4702-0103-003	RES,10K,1/4W,5%
R7	4702-0123-003	RES,12K,1/4W,5%
R8	4702-0273-003	RES,27K,1/4W,5%
R9	4702-0391-003	RES,390,1/4W,5%
R10	4702-0271-003	RES,270,1/4W,5%
R11	4702-0271-003	RES,270,1/4W,5%
R12	4702-0103-003	RES,10K,1/4W,5%
R13	4702-0152-003	RES,1.5K,1/4W,5%
R14	4701-0472-003	RES,4.7K,1/8W,5%
R15	4701-0472-003	RES,4.7K,1/8W,5%
X1	3131-0000-025	IC,74LS27,TRIPLE 3-INPUT NOR
X2	3131-0000-027	IC,74LS30,8-INPUT NAND
X3	3131-0000-034	IC,74LS73,DUAL JK FLIP-FLOP
X4	3131-0000-044	IC,74LS00,QUAD 2-INPUT NAND
X5	3130-0000-020	IC,74191,BIN SYN U/D COUNTER
X6	3131-0000-029	IC,74LS190,BCD SYN U/D COUNTER
X7	3131-0000-029	IC,74LS190,BCD SYN U/D COUNTER
X8	3131-0000-029	IC,74LS190,BCD SYN U/D COUNTER
X9	3131-0000-030	IC,74LS191,BIN SYN U/D COUNTER
X10	3131-0000-044	IC,74LS00,QUAD 2-INPUT NAND
X11	3131-0000-030	IC,74LS191,BIN SYN U/D COUNTER
X12	3130-0000-009	IC,9322,QUAD 2-INPUT MPLXR

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PCB ASSY, RANGE VELOCITY (cont)

J

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
X13	3131-0000-029	IC,74LS190,BCD SYN U/D COUNTER
X14	3131-0000-029	IC,74LS190,BCD SYN U/D COUNTER
X15	3131-0000-030	IC,74LS191,BIN SYN U/D COUNTER
X16	3131-0000-029	IC,74LS190,BCD SYN U/D COUNTER
X17	3134-0000-001	IC,4040B,12-STAGE COUNTER
X18	3131-0000-033	IC,74LS04,HEX INVERTER
X19	3131-0000-035	IC,74LS93,4-BIT BINARY COUNTER
X20	3131-0000-034	IC,74LS73,DUAL JK FLIP-FLOP
X21	3134-0000-001	IC,4040B,12-STAGE COUNTER
X22	3131-0000-044	IC,74LS00,QUAD 2-INPUT NAND
Y1	2363-0003-000	XTAL,6.473015MHZ,F S,HC-25/U
Y2	2363-0061-000	XTAL,6.990506MHZ,F S,HC-25/U

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PCB ASSY, XPDR SIGNAL

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-0819-600	BD PC TRANS SIGNAL
2	4104-0000-002	CARD GUIDE & EJECTOR S-203
3	2108-0000-008	PIN FOR S-203 EJECTOR N/C
4	1050-0000-073	WIRE,BUS,TINNED COPPER,22GA
C1	1507-0105-018	CAP,1UF,35V,20%,TANT
C2	1507-0105-018	CAP,1UF,35V,20%,TANT
C3	1501-0102-001	CAP,1000PF,500V,CERAMIC,DISC
C4	1507-0104-018	CAP,0.1UF,35V,20%,TANT
C5	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C6	1501-0221-001	CAP,220PF,1000V,10%,DISC
C7	1501-0151-001	CAP,150PF,1000V,10%,DISC
C8	1507-0105-018	CAP,1UF,35V,20%,TANT
C9	1506-0101-017	CAP,100PF,100V,5%,NPO
C10	1507-0105-018	CAP,1UF,35V,20%,TANT
C11	1501-0222-004	CAP,2200PF,1000V,10%,CER,DISC
C12	1506-0330-017	CAP,33PF,100V,5%,NPO
C13	1506-0471-017	CAP,470PF,100V,5%,NPO
C14	1506-0331-017	CAP,330PF,100V,5%,NPO
C15	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C16	1501-0680-001	CAP,68PF,1000V,10%,CER,DISC
C17	1507-0105-018	CAP,1UF,35V,20%,TANT
C18	1506-0101-017	CAP,100PF,100V,5%,NPO
C19	1507-0105-018	CAP,1UF,35V,20%,TANT
C20	1506-0102-017	CAP,1000PF,100V,5%,NPO
C21	1501-0101-001	CAP,100PF,1000V,10%,DISC
C22	1507-0105-018	CAP,1UF,35V,20%,TANT
C23	1507-0105-018	CAP,1UF,35V,20%,TANT
C24	1506-0331-017	CAP,330PF,100V,5%,NPO
C25	1507-0105-018	CAP,1UF,35V,20%,TANT
C26	1507-0105-018	CAP,1UF,35V,20%,TANT
C27	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C28	1506-0220-017	CAP,22PF,100V,5%,NPO
C29	1502-0334-012	CAP,0.33UF,50V,5%,MPC
CR1	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR2	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR3	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR4	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR5	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR6	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR7	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR8	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR9	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR10	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
CR11	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR12	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR13	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR14	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR15	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR16	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR17	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR18	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR19	4814-0000-002	DIODE,1N270,SIGNAL,80PRV

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PCB ASSY, XPDR SIGNAL (cont)
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
CR20	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR21	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR22	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR23	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR24	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR25	4814-0000-002	DIODE,1N270,SIGNAL,80PRV
CR26	4815-0000-003	DIODE,1N4148,SIGNAL,75PRV
Q1	4801-0000-001	TRANSISTOR NPN HS SW
Q2	4805-0000-003	TRANS,2N3646,NPN HS SW
Q3	4805-0000-003	TRANS,2N3646,NPN HS SW
Q4	4805-0000-003	TRANS,2N3646,NPN HS SW
Q5	4805-0000-003	TRANS,2N3646,NPN HS SW
Q6	4801-0000-001	TRANSISTOR NPN HS SW
Q7	4807-0000-002	TRANS,2N3905,PNP HS SW
Q8	4801-0000-001	TRANSISTOR NPN HS SW
Q9	4801-0000-001	TRANSISTOR NPN HS SW
Q10	4802-0000-001	TRANS,2N2646,PN UNIJUNCT
R1	4702-0102-003	RES,1.0K,1/4W,5%
R2	4702-0680-003	RES,68,1/4W,5%
R3	4702-0271-003	RES,270,1/4W,5%
R4	4702-0271-003	RES,270,1/4W,5%
R5	4702-0271-003	RES,270,1/4W,5%
R6	4702-0271-003	RES,270,1/4W,5%
R7	4702-0271-003	RES,270,1/4W,5%
R8	4702-0271-003	RES,270,1/4W,5%
R9	4702-0271-003	RES,270,1/4W,5%
R10	4702-0271-003	RES,270,1/4W,5%
R11	4702-0271-003	RES,270,1/4W,5%
R12	4702-0271-003	RES,270,1/4W,5%
R13	4702-0271-003	RES,270,1/4W,5%
R14	4702-0271-003	RES,270,1/4W,5%
R15	4702-0271-003	RES,270,1/4W,5%
R16	4702-0222-003	RES,2.2K,1/4W,5%
R17	4701-0222-003	RES,2.2K,1/8W,5%
R18	4701-0102-003	RES,1.0K,1/8W,5%
R19	4701-0103-003	RES,10K,1/8W,5%
R20	4701-0103-003	RES,10K,1/8W,5%
R21	4701-0332-003	RES,3.3K,1/8W,5%
R22	4701-0103-003	RES,10K,1/8W,5%
R23	4702-0103-003	RES,10K,1/4W,5%
R24	4702-0103-003	RES,10K,1/4W,5%
R25	4702-0393-003	RES,39K,1/4W,5%
R26	4706-9091-001	RES,9.09K,1/4W,1%
R26SAT	4706-1072-001	RES,10.7K,1/4W,1%
R26SAT	4706-6811-001	RES,6.81K,1/4W,1%
R26SAT	4706-7501-001	RES,7.50K,1/4W,1%
R26SAT	4706-8251-001	RES,8.25K,1/4W,1%
R27	4702-0223-003	RES,22K,1/4W,5%
R28	4701-0271-003	RES,270,1/8W,5%
R29	4701-0271-003	RES,270,1/8W,5%
R30	4706-3481-001	RES,3.48K,1/4W,1%
R30SAT	4706-2611-001	RES,2.61K,1/4W,1%

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PCB ASSY, XPDR SIGNAL (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R30SAT	4706-4321-001	RES,4.32K,1/4W,1%
R31	4753-0202-002	POT,2K OHM
R32	4753-0103-002	POT,10K OHM
R33	4701-0103-003	RES,10K,1/8W,5%
R34	4702-0152-003	RES,1.5K,1/4W,5%
R35	4702-0103-003	RES,10K,1/4W,5%
R36	4702-0272-003	RES,2.7K,1/4W,5%
R37	4702-0271-003	RES,270,1/4W,5%
R38	4753-0202-002	POT,2K OHM
R39	4702-0103-003	RES,10K,1/4W,5%
R40	4702-0103-003	RES,10K,1/4W,5%
R41	4702-0102-003	RES,1.0K,1/4W,5%
R42	4702-0102-003	RES,1.0K,1/4W,5%
R43	4702-0102-003	RES,1.0K,1/4W,5%
R44	4706-3091-001	RES,3.09K,1/4W,1%
R45	4702-0103-003	RES,10K,1/4W,5%
R46	4753-0502-002	POT 5K OHM A11 EA PA C409E
R47	4753-0202-002	POT,2K OHM
R48	4702-0221-003	RES,220,1/4W,5%
R49	4702-0181-003	RES,180,1/4W,5%
R50	4702-0103-003	RES,10K,1/4W,5%
R51	4702-0103-003	RES,10K,1/4W,5%
R52	4702-0332-003	RES,3.3K,1/4W,5%
R53	4702-0471-003	RES,470,1/4W,5%
R54	4702-0271-003	RES,270,1/4W,5%
R55	4702-0271-003	RES,270,1/4W,5%
R56	4702-0101-003	RES,100,1/4W,5%
R57	4706-2552-001	RES,25.5K,1/4W,1%
R58	4706-1152-001	RES,11.5K,1/4W,1%
R58SAT	4706-1102-001	RES,11.0K,1/4W,1%
R58SAT	4706-1132-001	RES,11.3K,1/4W,1%
R58SAT	4706-1212-001	RES,12.1K,1/4W,1%
R58SAT	4706-1242-001	RES,12.4K,1/4W,1%
R59	4702-0752-002	RES,7.5K,1/4W,5%
R60	4702-0103-003	RES,10K,1/4W,5%
R61	4702-0103-003	RES,10K,1/4W,5%
R62	4706-9760-001	RES,976,1/4W,1%
X1	3130-0000-016	IC,7496,5-BIT SHIFT REGISTER
X2	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X3	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X4	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X5	3130-0000-016	IC,7496,5-BIT SHIFT REGISTER
X6	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X7	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X8	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X9	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X10	3130-0000-016	IC,7496,5-BIT SHIFT REGISTER
X11	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X12	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X13	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X14	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X15	3130-0000-016	IC,7496,5-BIT SHIFT REGISTER

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PCB ASSY, XPDR SIGNAL (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
X16	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X17	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X18	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X19	3130-0000-017	IC,74121,MONOSTA MULTIVIBRATOR
X20	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
X21	3130-0000-010	IC,7473,DUAL JK FLIP-FLOP
X22	3130-0000-013	IC,7490A,DECADE COUNTER
X23	3130-0000-001	IC,7400,QUAD 2-INPUT NAND
Y1	2363-0001-000	XTAL,20.689700MHZ,F S,HC-18/U

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