



SECTION 4 - PARTS LIST

To order parts contact:

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MISCELLANEOUS

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
	1002-8505-2C0	MANUAL,CD,OP,TCAS-201-2
	1002-8505-4C0	MANUAL,CD,MN,TCAS-201-2
	1005-0000-001	TRIPOD WITH PANHEAD
	1400-8156-800	BRACKET,ATTEN. MTG.
	2850-0000-127	NUT,1/4-20 LOW CROWN ACORN
	5106-0000-016	FUSE,1.25,GL,FAST,250V,.5 A
	5106-4501-000	FUSE,1.0A,250V,FAST,1.25 GL
	6500-8181-300	MINOR ASSY,1/4-20 THUMB SCREW
	7001-9903-000	ACCESS,EUROPEAN PWR CORDSET,ST



7003-8545-600

ASSY, COMPOSITE

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	7005-8141-500	CASE ASSY,INSTRUMENT
2	2809-0625-006	SCREW,10-32 X 5/8 PPHM
3	2840-8110-000	WASHER,FLT,NYLN,7/160D,.031TK
4	7005-8544-300	MECH ASSY,CHASSIS
5	2400-2386-300	LABEL,ACC STORAGE COMPARTMENT
6	7005-8140-600	MECH ASSY,FLAT ANTENNA
7	6057-1309-600	COAX ASSY,223,M BNC/M BNC
8	2517-8155-200	PAD,FOAM,ATC-601 CASE
9	2517-8155-100	PAD,FOAM,ATC-601 LID
11	2400-9915-200	SERIAL LABEL,TCAS-201-2
12	2400-8156-300	LABEL,WARNING,ACC. STORAGE
14	7005-8142-200	MECH ASSY,ANTENNA SHIELD
15	1201-8180-900	ANTENNA MODIFIED,MINOR ASSY
16	2400-8156-000	LABEL,COAX LOSS ANTENNA
17	2803-0375-006	SCREW,4-40 X 3/8 PPHM
18	1421-0003-781	FOOT,RBR,.75 OD*.17 ID*.78 LG
19	2400-9909-900	LABEL,CE,MFG DATE
20	1414-8152-900	COVER,ACCESSORY
21	2850-0000-109	LATCH,SLIDE-LATCH
22	2111-0000-002	CLIP,COMPONENT,ADHESIVE,.25DIA
23	2111-0002-500	CLIP,"C" HOOK RET,PVC,.500 DIA
24	2840-0000-024	WASHER,FLAT,ID.160OD.375TK.032
25	2804-0250-006	SCREW,6-32 X 1/4 PPHM
26	1050-5003-100	TAPE,VINYL FOAM 3/4" 1-SIDED
27	6004-6006-550	TY-RAP,RELEASABLE CABLE TIES
28	6004-8100-100	MOUNT,TY-RAP 4-WAY
29	2525-0000-000	GASKET,TWIN SEAL EMI & ENVIRO
30	1404-8156-500	SUPPORT,CHASSIS
31	1404-8156-600	SUPPORT,BOTTOM,CHASSIS
32	1050-0000-170	TAPE,VINYL FOAM 3/4" 2-SIDED
33	2850-7882-600	SPCR,FOAM,.25"X.75"X 1.25"
34	2400-8156-400	LABEL,ANTENNA COVERAGE

7003-8545-600

ASSY, COMPOSITE

C

Contains all parts shown in Revision B plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
35	2400-9930-000	LABEL, MET



7003-8545-600

ASSY, COMPOSITE

D

Contains all parts shown in Revision C with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
4	7005-8540-600	MECH ASSY, CHASSIS

Contains all parts shown in Revision C minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
7	6057-1309-600	COAX ASSY, 223, M BNC/M BNC

7003-8545-600

ASSY, COMPOSITE

D1

Contains all parts shown in Revision D.

7005-8141-500

ASSY, CASE

J

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
	1407-7450-300	HANDLE,CARRYING W/BRKT MTG
	2850-0000-117	NUT,FLOATING SELF-LOCKING
	2820-0000-013	RIVET,3/32 X 1/4 FLATHEAD
	1421-8100-000	FOOT,DRAWN
	6200-0000-001	VALVE,MANUAL RELIEF
	2832-0001-001	LATCH,GUARDED SPR LOADED DRAW
	2832-0001-003	LATCH PIN
	2832-0001-004	LATCH GUARD
	2850-0003-062	NUT,PRESS 6-32.054 SHANK
	1421-8750-625	FOOT RBR.875OD.1875ID.625LG
	2818-0000-001	STANDOFF,PRESS 6-32X.375
	2804-0438-006	SCREW,6-32 X 7/16 PPHM
	2525-0003-000	GSKT,BLK. NEOPRENE
	2850-0000-109	LATCH,SLIDE-LATCH
	2832-0001-002	LATCH STRIKE PLATE,G SPR LD DR
	1404-8153-700	SUPPORT ANGLE,FRONT PANEL
	1412-8153-500	CASE,SIDE
	2503-8153-600	LID,SIDE
	2504-8153-300	COLLAR,SEAL STRIKER RIM
	2506-8153-400	PLATE,TOP & BOTTOM
	2832-8152-800	HINGE,ACCESSORY COVER
	2840-8153-800	WASHER,1.2500 .213ID .0875T
	4503-8153-200	RETAINER,GASKET

7005-8140-600
ASSY, FLAT ANTENNA
F

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8120-400	PC BD, ANTENNA SPLITTER
2	6500-8180-700	MINOR ASSY, FLAT ANTENNA
3	2400-8154-300	LABEL, ANTENNA
4	2506-8151-900	PLATE, BACK SPLITTER
5	2506-8151-800	PLATE, RIGHT SPLITTER
6	2506-8151-700	PLATE, LEFT SPLITTER
7	2400-0000-002	TRIM, GASKET, 5/16 X 3/32 BLK FS
8	6010-0063-200	TUBING, HS, 1/16 ID, BLACK
9	1407-8152-200	HANDLE, ANTENNA
10	1400-8152-100	BRACKET, HANDLE TOP
11	1400-8152-000	BRACKET, HANDLE BOTTOM
12	1400-8152-400	BRACKET, FRONT TRIM
13	1407-0200-100	HANDLE GRIP, 3/4*5**1/4 FOAM
14	2850-0700-100	NUT, RING, 15/32-32, ALCO N12
15	2803-0125-001	SCREW, 4-40 X 1/8 SHS
16	2803-0438-003	SCREW 4-40 X 7/16 PFHMS
17	2803-0188-003	SCREW, 4-40 X 3/16 PFHM
18	2803-0188-006	SCREW, 4-40 X 3/16 PPHM
19	2803-0313-003	SCREW 4-40 X 5/16 PFHMS
20	2803-0250-006	SCREW, 4-40 X 1/4 PPHM
21	1050-0000-075	WIRE, BUS, TINNED COPPER, 26GA
22	2400-8155-900	LABEL, ANTENNA GAIN
23	2803-0188-004	SCREW, 4-40 X 3/16 HFHCS, SS, PA
24	1421-0001-022	FOOT, HEMISPHERE, .63DIA, GRAY
25	2803-0250-003	SCREW, 4-40 X 1/4 PFHM
C29001	1620-1000-511	CAP, 10PF, 100V, CHIP, NPO
C29002	1620-1000-511	CAP, 10PF, 100V, CHIP, NPO
C29003	1622-0020-001	CAP, 2PF, 50V, CHIP
C29004	1620-1090-511	CAP, 1PF, 50V, CHIP
J29001	2113-0000-015	CONN, BNC, ANG PANEL, SOLDER CUP
L29002	1811-8040-001	IND, SM .004UH 20% C 1008
S29001	5115-0501-572	SWITCH, C&K 8531TCQ W/BLK PB
	6008-1000-001	WIRE, UL1213, 26GA, 7X34, BLK

7005-8140-600
ASSY, FLAT ANTENNA
F1

Contains all parts shown in Revision F.

7005-8140-600
ASSY, FLAT ANTENNA
G

Contains all parts shown in Revision F1 plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
26	6057-1309-600	COAX ASSY, 223, M BNC/M BNC

Contains all parts shown in Revision D.

7005-8140-600

ASSY, FLAT ANTENNA

H

Contains all parts shown in Revision G with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
10	1400-8158-900	BRACKET,HANDLE TOP
11	1400-8158-800	BRACKET,HANDLE BOTTOM



7005-8142-200

ASSY, ANTENNA SHIELD

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	7005-8142-300	MECH ASSY,ANTENNA SHLD PLATE
2	7005-8142-400	MECH ASSY,ANT. CLAMP



7005-8142-400

ASSY, ANTENNA CLAMP

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	2751-1000-051	ABSORBER FERRITE,2.3X2.3X.2
2	1415-8154-600	ENCL,ANTENNA SHIELD
3	2517-0001-000	PAD,RUBBER ADHV BK.5 SQ X.12 H
4	2506-8154-800	PLATE,TILE RIGHT
5	2807-8155-700	SCREW,THUMB 10-32 X 1.9
6	2501-8155-600	BUSHING,RETAINER
7	2501-8155-500	BUSHING,THUMBWHEEL
8	2517-8155-300	FOAM,TILE PLATE 2.5 X 2.5
9	2106-8100-100	SPRING,CMPSN .36OD 1.0LG.
10	2506-8155-400	PLATE,TILE LEFT
11	2840-8156-100	WASHER,.375OD X .094ID .025THK
12	2801-0188-012	SCREW,2-56 X 3/16 PBHMS,BLACK
13	2840-0000-056	WASHER,WAVE SPRING,.165 ID
14	2400-8156-700	LABEL,ANTENNA SHIELD

7005-8142-400

ASSY, ANTENNA CLAMP

D

Contains all parts shown in Revision C with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
3	2517-0001-001	PAD,RUBBER ADHV BK.5 X.23 H



7005-8142-300

ASSY, ANTENNA SHIELD PLATE

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	2525-8154-900	GASKET,PLATE OUTER
2	2525-8155-000	GASKET,PLATE INNER
3	2526-0008-000	GASKET STRIP
4	2506-8154-700	PLATE,ANTENNA SHIELD
5	2400-8156-700	LABEL,ANTENNA SHIELD

7005-8142-300

ASSY, ANTENNA SHIELD PLATE

D

Contains all parts shown in Revision C with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
3	2528-8158-600	GASKET, ANT. SHIELD

7005-8544-300
ASSY, CHASSIS
C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	6500-8181-400	MINOR ASSY,CHASSIS
2	7005-8143-500	MECH ASSY,PWR SUPPLY,601-2
3	7005-8143-100	MECH ASSY,LINE SUPPLY
4	7005-8544-200	MECH ASSY,FRONT PANEL
5	7005-8545-500	MECH ASSY,RF
7	7010-8538-000	PCB ASSY,MOTHERBOARD
8	7010-8130-100	PCB ASSY,DIGITAL IF
9	7010-8134-100	PCB ASSY,FP PULSE
10	1407-7450-200	HANDLE,MLS-801
11	1410-7452-300	EJECTOR STRAP,BATTERY
12	4503-8152-600	RETAINER,DIGITAL PC BD
13	4000-8182-000	ASSY,BATTERY PACK
14	4104-0005-000	GUIDE,CARD,NYLON,8.0LG,NATURAL
15	1414-8150-900	COVER,BATTERY
16	2803-0250-006	SCREW,4-40 X 1/4 PPHM
18	2804-0188-003	SCREW 6-32X3/16 PHIL FLAT HD
19	2803-0375-003	SCREW,4-40 X 3/8 PFHM
20	2800-7600-144	SPACER,AL,-.25 OD,4-40ID,.700LG
21	2804-0313-006	SCREW 6-32X5/16 PHIL BIND HD
32	2803-0250-003	SCREW,4-40 X 1/4 PFHM
34	2840-7600-229	WASHER,ALUM,.305D,.196ID,.038T
35	6046-8181-100	CABLE ASSY,DRIVER-MTHRBD
36	6046-8181-000	CABLE ASSY,VIDEO DETECTOR-DRVR
37	2400-9908-300	LABEL,SYMBOL 14,HAZARD WARN
38	2850-7882-600	SPCR,FOAM,.25"X.75"X 1.25"
39	2831-0002-005	EDGING,GROMMET,.085 SIZE
40	6004-6005-400	TY-RAP,4.0 LG
U26004	3271-8504-100	IC,8KX8 TCAS201 DIG.IF V1.00
U26005	3271-8505-100	IC,8KX8 TCAS201 DIG.IF V1.00
U27003	3274-8500-200	IC,1736 TCAS201 FP PULSE V2.00
U27005	3274-8501-200	IC,1736 TCAS201 FP PULSE V2.00
U27012	F431-8502-301	IC,27C512 TCAS201 FPULSE V3.01
U27013	F431-8506-301	IC,27C512 TCAS201 FPULSE V3.01
U27031	3274-8503-200	IC,1736 TCAS201 FP PULSE V2.00
	7009-8540-000	COAX KIT,TCAS-201 COMPOSITE

7005-8544-300
ASSY, CHASSIS
D

Contains all parts shown in Revision C with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
U27005	F340-8501-400	IC,1736 TCAS201 FP PULSE V4.00
U27012	F431-8502-400	IC,27C512 TCAS201 FPULSE V4.00
U27013	F431-8506-400	IC,27C512 TCAS201 FPULSE V4.00
U27031	F340-8503-400	IC,1736 TCAS201 FP PULSE V4.00



7005-8544-300

ASSY, CHASSIS

E

Contains all parts shown in Revision D with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
18	2804-0188-006	SCREW 6-32X3/16 PHIL BIND HD

7005-8540-600
ASSY, CHASSIS
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	6500-8181-400	MINOR ASSY, CHASSIS
2	7005-8143-500	MECH ASSY, PWR SUPPLY,601-2
3	7005-8143-100	MECH ASSY, LINE SUPPLY
4	7005-8540-100	MECH ASSY,FRONT PANEL
5	7005-8545-500	MECH ASSY, RF
7	7010-8538-000	PCB ASSY, MOTHERBOARD
8	7010-8130-100	PCB ASSY, DIGITAL IF
9	7010-8132-800	PCB ASSY,PULSE (LED BACKLIGHT)
10	1407-7450-200	HANDLE,MLS-801
11	1410-7452-300	EJECTOR STRAP, BATTERY
12	4503-8152-600	RETAINER, DIGITAL PC BD
13	4000-8182-000	ASSY, BATTERY PACK
14	4104-0005-000	GUIDE,CARD,NYLON,8.0LG,NATURAL
15	1400-8150-900	COVER,BATTERY
16	2803-0250-006	SCREW,4-40 X 1/4 PPHM
18	2804-0188-006	SCREW 6-32X3/16 PHIL BIND HD
19	2803-0375-003	SCREW,4-40 X 3/8 PFHM
20	2800-7600-144	SPACER,AL, .25 OD,4-40ID, .700LG
21	2804-0313-006	SCREW 6-32X5/16 PHIL BIND HD
32	2803-0250-003	SCREW,4-40 X 1/4 PFHM
34	2840-7600-229	WASHER,ALUM, .305D, .196ID, .038T
35	6046-8181-100	CABLE ASSY, DRIVER-MTHRBD
36	6046-8181-000	CABLE ASSY,VIDEO DETECTOR-DRVR
37	2400-9908-300	LABEL,SYMBOL 14,HAZARD WARN
38	2850-7882-600	SPCR,FOAM, .25"X.75"X 1.25"
39	2831-0002-005	EDGING, GROMMET, .085 SIZE
40	6004-6005-400	TY-RAP,4.0 LG
U26004	3271-8504-100	IC,8KX8 TCAS201 DIG.IF V1.00
U26005	3271-8505-100	IC,8KX8 TCAS201 DIG.IF V1.00
U27003	3274-8500-200	IC,1736 TCAS201 FP PULSE V2.00
U27005	F340-8501-400	IC,1736 TCAS201 FP PULSE V4.00
U27012	F431-8502-400	IC,27C512 TCAS201 FPULSE V4.00
U27013	F431-8506-400	IC,27C512 TCAS201 FPULSE V4.00
U27031	F340-8503-400	IC,1736 TCAS201 FP PULSE V4.00
	7009-8540-000	COAX KIT, TCAS-201 COMPOSITE

7005-8540-600
ASSY, CHASSIS
B

Contains all parts shown in Revision A with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
U27012	F431-8502-401	IC,27C512 TCAS201 FPULSE V4.01
U27013	F431-8506-401	IC,27C512 TCAS201 FPULSE V4.01



7005-8540-600

ASSY, CHASSIS

C

Contains all parts shown in Revision B with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
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Contains all parts shown in Revision D with the following exceptions:

15	1400-8159-000	BRACKET,BATTERY
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7009-8540-000

KIT, COMPOSITE COAXIAL CABLE

A2

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
TAG#24	6050-0041-050	COAX ASSY,316,R F SMB/R F SMB
TAG#25	6050-0040-800	COAX ASSY,FLEXIBLE,RG 316/U
TAG#30	6050-0040-720	COAX ASSY,316,R F SMB/R F SMB
TAG#31	6050-0041-220	COAX ASSY,316,R F SMB/R F SMB
TAG#34	6050-0041-420	RG 316/U FLEX COAX ASSY
TAG#35	6050-0041-150	COAX ASSY,316,R F SMB/R F SMB
TAG#37	6044-1910-600	COAX,CONF SL S M SMA/R M SMA
TAG#38	6044-1920-660	COAX,CONF SL R M SMA/R F SMB
TAG#64	6050-0041-130	COAX ASSY,316,R F SMB/R F SMB
TAG#65	6050-0041-150	COAX ASSY,316,R F SMB/R F SMB

7009-8540-000

KIT, COMPOSITE COAXIAL CABLE

B

Contains all parts shown in Revision A2 with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
TAG#30	6050-0040-650	COAX ASSY,316,R F SMB/R F SMB
TAG#37	6044-1200-600	COAX,CONF SL S M SMA/R M SMA
TAG#38	6044-1260-660	COAX,CONF SL R M SMA/R F SMB



7010-8538-000

PCB ASSY, MOTHERBOARD

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8520-000	PC BD, MOTHER BD
2	2800-7801-100	STANDOFF 4-40 .165 THK 3/16
3	7007-8182-100	WIRE HARN ASSY, PS - MOTHERBD
4	6045-8180-800	RBN CA ASSY,MOTHERBD, ATC-601
5	7007-8181-800	WIRE HARN ASSY, MTHRBD COMM
J25001	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J25002	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J25003	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J25004	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J25005	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J25008	2115-0002-003	CONN,HEADER,LCK GOLD 7-P
J25009	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J25010	2115-0002-003	CONN,HEADER,LCK GOLD 7-P
J25011	2115-0005-010	CONN,LKING HEADER 10P GOLD
J25062	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J25063	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J26006	2129-1003-120	CONN STR DBL ROW DIN FE 20-P
J26016	2129-1003-196	CONN,EURCON-C SKT.1X.1 96P ST
J27007	2129-1003-148	CONN,STR TPL ROW DIN FE 48-P
J27015	2129-1003-196	CONN,EURCON-C SKT.1X.1 96P ST



7010-8130-100

PCB ASSY, DIGITAL IF

D4

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8120-100	PC BD, DIGITAL IF
2	4104-0000-002	CARD GUIDE & EJECTOR S-203
3	2108-0000-008	PIN FOR S-203 EJECTOR N/C
4	2400-7856-800	LABEL,ESD
5	2510-5090-700	HEB,IND MTG,.22DIA,.39LG
6	2840-7600-216	WASHER,PHEN,.63OD,.140ID,.060T
7	2803-0750-006	SCREW,4-40 X 3/4 PPHM
8	2840-0000-003	WASHER,LOCK,INT TOOTH,4
9	2850-0000-008	NUT,HEX,REG PAT,4-40
10	2803-0250-006	SCREW,4-40 X 1/4 PPHM
C26001	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26002	1580-1000-200	CAP,10UF,25V,ELE,RDL
C26003	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26004	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26005	1580-1000-200	CAP,10UF,25V,ELE,RDL
C26006	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26007	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26008	1580-1000-200	CAP,10UF,25V,ELE,RDL
C26009	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26010	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26011	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26012	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26013	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26014	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26015	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26016	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26017	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26018	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26021	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26022	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26023	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26024	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26025	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26026	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26027	1580-1000-200	CAP,10UF,25V,ELE,RDL
C26028	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26029	1580-1000-200	CAP,10UF,25V,ELE,RDL
C26030	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26031	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26032	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26033	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26034	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26035	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26036	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26037	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26038	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26039	1580-1000-200	CAP,10UF,25V,ELE,RDL
C26040	1580-1000-200	CAP,10UF,25V,ELE,RDL
C26041	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26042	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26043	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R

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PCB ASSY, DIGITAL IF (cont)

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REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C26044	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26045	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26046	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C26047	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26048	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26049	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26050	1619-0476-010	CAP,47UF,10V,TANT,SMD
C26051	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26052	1508-0476-018	CAP,47UF,35V,TANT,RDL
C26054	1618-0474-025	CAP,0.47UF,25V,TANT,SMD
C26057	1506-0151-017	CAP,150PF,100V,5%,NPO
C26058	1506-0151-017	CAP,150PF,100V,5%,NPO
C26059	1506-0182-017	CAP,1800PF,100V,5%,NPO
C26060	1506-0182-017	CAP,1800PF,100V,5%,NPO
C26061	1517-3295-303	CAP,VAR,6-20PF
C26062	1506-0220-017	CAP,22PF,100V,5%,NPO
C26063	1517-3295-303	CAP,VAR,6-20PF
C26064	1506-0220-017	CAP,22PF,100V,5%,NPO
C26065	1506-0391-017	CAP,390PF,100V,5%,NPO
C26066	1506-0391-017	CAP,390PF,100V,5%,NPO
C26067	1506-0103-017	CAP,0.01UF,100V,NPO
C26068	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26069	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26070	1506-0103-017	CAP,0.01UF,100V,NPO
C26071	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26072	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C26073	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26074	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26075	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26076	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26077	1508-0225-050	CAP,22UF,50V,20%,TANT,RDL
C26078	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26079	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C26080	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C26081	1508-0225-050	CAP,22UF,50V,20%,TANT,RDL
C26082	1508-0225-050	CAP,22UF,50V,20%,TANT,RDL
CR26001	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR26002	4818-0000-029	DIODE,LM236AH-2.5 REF TO-46
CR26003	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR26004	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR26005	4920-5158-300	DIODE,80SQ035,RECT,PS,30V,8A
CR26006	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
CR26007	4816-0000-001	DIODE,5082-2800,S BAR,70VBR
DL26001	4730-0000-002	DELAY LINE,INDL.PASSIVE 5NS
L26001	1801-0338-001	IND,.33UH,.2 OHM,1025-08
L26002	1801-0338-001	IND,.33UH,.2 OHM,1025-08
L26003	1801-0399-001	IND,3.9UH,1 OHM
L26004	1801-0399-001	IND,3.9UH,1 OHM
L26005	1801-0108-001	IND,.10UH,.08OHM,1025-94
L26006	1801-0108-001	IND,.10UH,.08OHM,1025-94
L26007	1801-0109-001	IND,1.0 UH,1 OHM,1025-20



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PCB ASSY, DIGITAL IF (cont)

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REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
L26008	1801-0109-001	IND,1.0 UH,1 OHM,1025-20
L26009	1800-5355-200	IND,TOROID,100T #24AWG
L26010	1800-5355-200	IND,TOROID,100T #24AWG
P26006	2129-1002-120	CONN,RA DBL ROW DIN MALE 20-P
P26016	2129-1002-196	CONN,RA DIN MALE .104LD 96P
Q26001	4809-0000-005	TRANS,66382,NPN HF AMP
Q26002	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q26003	4807-0000-001	TRANS,2N3903,NPN HS SW
Q26004	4801-0000-006	TRANS,2N2222,NPN HS SW,SOT
Q26005	5050-2452-100	TRANS,N-CH MOSFET
R26001	4701-0102-003	RES,1.0K,1/8W,5%
R26002	4706-1002-001	RES,10.0K,1/4W,1%
R26003	4706-8061-001	RES,8.06K,1/4W,1%
R26004	4722-1001-001	RES,1.0K,1/8W,1%
R26005	4722-3321-001	RES,3.32K,1/8W,1%
R26006	4722-2210-001	RES,221,1/8W,1%
R26007	4722-1004-001	RES,1.0M,1/8W,1%
R26008	4721-0181-002	RES,180,1/4W,5%,CHIP
R26009	4701-0472-003	RES,4.7K,1/8W,5%
R26011	4753-0500-002	POT 50 OHM
R26012	4753-0500-002	POT 50 OHM
R26013	4706-3320-001	RES,332,1/4W,1%
R26014	4706-2211-001	RES,2.21K,1/4W,1%
R26015	4718-6819-001	RES,68.1,1/8W,1%
R26016	4718-6819-001	RES,68.1,1/8W,1%
R26017	4756-0202-500	POT,2K OHM SIDE ADJ,INDL
R26018	4718-4751-001	RES,4.75K,1/8W,1%
R26019	4706-3320-001	RES,332,1/4W,1%
R26020	4706-2211-001	RES,2.21K,1/4W,1%
R26021	4718-6819-001	RES,68.1,1/8W,1%
R26022	4718-6819-001	RES,68.1,1/8W,1%
R26023	4756-0202-500	POT,2K OHM SIDE ADJ,INDL
R26024	4718-4751-001	RES,4.75K,1/8W,1%
R26027	4722-4751-001	RES,4.75K,1/8W,1%
R26028	4722-1001-001	RES,1.0K,1/8W,1%
R26029	4722-3329-001	RES,33.2,1/8W,1%
R26030	4722-6819-001	RES,68.1,1/8W,1%
R26031	4721-0221-003	RES,220,1/4W,5%,CHIP
R26032	4701-0150-003	RES,15,1/8W,5%
R26033	4701-0150-003	RES,15,1/8W,5%
R26034	4701-0150-003	RES,15,1/8W,5%
R26035	4722-4751-001	RES,4.75K,1/8W,1%
R26036	4722-4751-001	RES,4.75K,1/8W,1%
R26037	4722-1002-001	RES,10.0K,1/8W,1%
R26038	4722-2213-001	RES,221K,1/8W,1%
R26039	4722-1002-001	RES,10.0K,1/8W,1%
R26040	4722-1002-001	RES,10.0K,1/8W,1%
R26041	4753-0103-002	POT,10K OHM
R26042	4722-1002-001	RES,10.0K,1/8W,1%
R26043	4718-6819-001	RES,68.1,1/8W,1%
R26044	4718-6819-001	RES,68.1,1/8W,1%

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PCB ASSY, DIGITAL IF (cont)

D4

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
S26001	5136-0002-000	SWITCH,BLUE
T26001	5604-0000-003	XFMR,MINI RF,PCM,1.0IR,50 OHM
T26002	5604-0000-003	XFMR,MINI RF,PCM,1.0IR,50 OHM
TP26001	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26002	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26003	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26004	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26005	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26006	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26007	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26008	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26009	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26010	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26011	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26012	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26015	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26017	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
TP26018	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26019	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26020	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26021	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26022	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26023	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26024	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26028	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26029	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP26030	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
U26001	3229-9048-000	IC,9048,8-BIT VIDEO A/D CONV.
U26002	3229-9048-000	IC,9048,8-BIT VIDEO A/D CONV.
U26003	3260-0000-006	IC,320 DGTL.SIG. 100NS CMOS
U26007	3271-0713-000	IC,7130 8K DUAL RAM PLCC CMOS
U26008	3252-1608-000	IC,2K X 8 SRAM SOJ 20NS CMOS
U26009	3252-1608-000	IC,2K X 8 SRAM SOJ 20NS CMOS
U26010	3252-1607-000	IC,4K X 4 SRAM SOJ 15NS CMOS
U26011	3252-1607-000	IC,4K X 4 SRAM SOJ 15NS CMOS
U26012	3252-1607-000	IC,4K X 4 SRAM SOJ 15NS CMOS
U26013	3252-1607-000	IC,4K X 4 SRAM SOJ 15NS CMOS
U26014	3210-3000-005	IC,3-TO-8 LINE DCDR/DEMUX SOL
U26015	3271-8100-101	IC,PLD16R4 ATC601 DIG.IF V1.01
U26016	3271-8101-100	IC,GAL16V8A ATC601 DIG.IFV1.00
U26017	3210-3000-002	IC,DIN.CNTR.ASYN RESET,INDL
U26018	3210-3000-002	IC,DIN.CNTR.ASYN RESET,INDL
U26019	3210-3000-002	IC,DIN.CNTR.ASYN RESET,INDL
U26020	3214-9407-000	IC,INDL.OCT.D-TYPE FLIPFLOPSO
U26021	3210-3000-007	IC,OCT.BFR/LINE DRVR.SOL INDL
U26022	3210-3000-007	IC,OCT.BFR/LINE DRVR.SOL INDL
U26023	3210-3000-004	IC,HEX INPUT,ST SO-14 INDL
U26024	3210-3074-000	IC,DUAL D,FF/SET/RESET INDL
U26025	3210-3000-000	IC,QUAD NAND GATE 2-LINE INDL
U26026	3210-3000-007	IC,OCT.BFR/LINE DRVR.SOL INDL
U26027	3221-8100-427	IC,OP AMP INSTM.,INDL



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PCB ASSY, DIGITAL IF (cont)

D4

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
U26028	3214-9407-000	IC,INDL.OCT.D-TYPE FLIPFLOPSO
U26029	3210-3000-008	IC,INDL.DUAL J-K FLIPFLOP SOL
U26031	3223-0401-000	IC,401,WIDEBAND OP-AMP INDL
U26032	3223-0401-000	IC,401,WIDEBAND OP-AMP INDL
U26033	3210-3000-006	IC,QUAD 2-IN NOR GATE SOLINDL
U26034	3214-9404-006	IC,QUAD 2-INP/OR GATE SO-14
U26035	5850-0000-031	OSC,40.0000MHZ 14-P,INDL
U26036	3210-3000-004	IC,HEX INPUT,ST SO-14 INDL
U26037	3133-0000-024	IC,3130,BIMOS OP AMP,PLAST DIP
XU26001	3101-0000-029	SOCKET,28-P DIP,GOLD,LO PROFIL
XU26002	3101-0000-029	SOCKET,28-P DIP,GOLD,LO PROFIL
XU26003	3101-0000-031	SOCKET,68-P LCC JEDEC H/P TIN
XU26004	3101-0000-032	SOCKET,24-P DIP,GOLD,DUAL-WIPE
XU26005	3101-0000-032	SOCKET,24-P DIP,GOLD,DUAL-WIPE
XU26015	3101-0000-056	SOCKET,20P PLCC W/O PINS SMD
XU26016	3101-0000-056	SOCKET,20P PLCC W/O PINS SMD

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PCB ASSY, DIGITAL IF (cont)

E

Contains all parts shown in Revision D4 with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
6	2840-0000-058	WASHER,PHEN,.630D,.140ID,.031T

7010-8130-100

PCB ASSY, DIGITAL IF (cont)

F

Contains all parts shown in Revision E plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C26083	1626-0101-016	CAP,100UF,16V,TANT,LOW ESR
W26001	6008-0000-009	WIRE,HOOK,TFE,30GA,SOLID,WHT



7010-8134-100

PCB ASSY, FRONT PANEL PULSE

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8124-100	PC BD,FP PULSE
3	4104-0000-002	CARD GUIDE & EJECTOR S-203
4	2108-0000-008	PIN FOR S-203 EJECTOR N/C
C27001	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27002	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27003	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27004	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27005	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27006	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27007	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27008	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27009	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27010	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27011	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27012	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27013	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27014	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27015	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27016	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27017	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27018	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27019	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27020	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27021	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27022	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27023	1618-0105-016	CAP,1UF,16V,TANT,SMD
C27024	1619-0106-025	CAP,10UF,25V,TANT,SMD
C27025	1619-0106-025	CAP,10UF,25V,TANT,SMD
C27026	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27027	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27028	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27029	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27030	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27031	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27032	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27033	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27034	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27035	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27036	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27037	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27038	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27039	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27040	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C27041	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27042	1622-0101-001	CAP,100PF,50V,CHIP
C27043	1618-0474-025	CAP,0.47UF,25V,TANT,SMD
C27044	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27045	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C27046	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27047	1622-0101-001	CAP,100PF,50V,CHIP
C27048	1618-0474-025	CAP,0.47UF,25V,TANT,SMD



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PCB ASSY, FRONT PANEL PULSE (cont)

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C27049	1580-1000-200	CAP,10UF,25V,ELE,RDL
C27050	1580-1000-200	CAP,10UF,25V,ELE,RDL
C27051	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27052	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27053	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27054	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27055	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27056	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27058	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27061	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27062	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C27063	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27064	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C27065	1618-0474-025	CAP,0.47UF,25V,TANT,SMD
C27066	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27067	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C27068	1622-0101-001	CAP,100PF,50V,CHIP
C27069	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27070	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27071	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27072	1619-0476-010	CAP,47UF,10V,TANT,SMD
C27073	1580-1000-200	CAP,10UF,25V,ELE,RDL
C27074	1580-1000-200	CAP,10UF,25V,ELE,RDL
C27075	1618-0474-025	CAP,0.47UF,25V,TANT,SMD
C27076	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27077	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27078	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27079	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27080	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27081	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27082	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27083	1619-0106-025	CAP,10UF,25V,TANT,SMD
C27084	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27085	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27086	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27087	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27088	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27089	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27090	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27092	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27093	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27094	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27095	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27096	1622-0101-001	CAP,100PF,50V,CHIP
C27097	1619-0106-025	CAP,10UF,25V,TANT,SMD
C27098	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27099	1619-0106-025	CAP,10UF,25V,TANT,SMD
C27100	1622-0101-001	CAP,100PF,50V,CHIP
C27101	1580-1020-049	CAP,1000UF,6.3V,ELE,30
C27102	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27103	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R

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PCB ASSY, FRONT PANEL PULSE (cont)

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REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C27104	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27105	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27106	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27107	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27108	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C27109	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27110	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27111	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27112	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27113	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27114	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27115	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27116	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27117	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27118	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27119	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27120	1580-3310-025	CAP,330UF,25V,ELE,RDL
C27121	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27122	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27123	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27124	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27125	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C27126	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27127	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27128	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C27129	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
CR27001	4816-0000-004	DIODE,HSMS-2803,S-BAR,SOT-23
CR27002	4816-0000-004	DIODE,HSMS-2803,S-BAR,SOT-23
CR27003	4816-0000-006	DIODE,HSMS 2802,SOT-23
CR27004	4816-0000-006	DIODE,HSMS 2802,SOT-23
CR27005	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR27006	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR27007	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR27008	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR27009	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR27010	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR27011	4818-0000-003	DIODE ZENER,5.1V .5W
CR27012	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR27013	4818-0000-029	DIODE,LM236AH-2.5 REF TO-46
CR27014	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
CR27015	4816-0000-006	DIODE,HSMS 2802,SOT-23
CR27016	4818-0000-033	DIODE,IN5281B ZENER 200V INDL
CR27017	4818-0000-033	DIODE,IN5281B ZENER 200V INDL
CR27018	4815-0000-005	DIODE,4148,SIGNAL 75PRV SMD
DL27001	4730-0000-001	DELAY LINE,INDL.PASSIVE 10NS
G27001	5850-0000-031	OSC,40.0000MHZ 14-P,INDL
J27051	2115-0005-002	CONN,LKING HEADER 2-P GOLD
J27052	2115-0005-020	CONN,LKING HEADER 20P GOLD
JTB27001	2129-1087-002	CONN,HDR. D.R. RTANG,2-P
L27001	1811-6103-003	IND,SM,10UH 10%,C 1812
P27007	2129-1002-148	CONN,RA TPL ROW DIN MALE 48P



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PCB ASSY, FRONT PANEL PULSE (cont)

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
P27015	2129-1002-196	CONN,RA DIN MALE .104LD 96P
Q27001	4809-0000-021	TRANS,3904,NPN,SMD
Q27002	4809-0000-021	TRANS,3904,NPN,SMD
Q27003	4809-0000-021	TRANS,3904,NPN,SMD
Q27004	4809-0000-021	TRANS,3904,NPN,SMD
Q27005	4811-0000-001	TRANS,SJE1461,NPN PWR AMP
Q27006	4801-0000-006	TRANS,2N2222,NPN HS SW,SOT
Q27007	4801-0000-006	TRANS,2N2222,NPN HS SW,SOT
Q27008	4801-0000-006	TRANS,2N2222,NPN HS SW,SOT
R27001	4722-5111-001	RES,5.11K,1/8W,1%
R27002	4722-1001-001	RES,1.0K,1/8W,1%
R27003	4721-0181-002	RES,180,1/4W,5%,CHIP
R27004	4722-1002-001	RES,10.0K,1/8W,1%
R27005	4722-1002-001	RES,10.0K,1/8W,1%
R27006	4722-2211-001	RES,2.21K,1/8W,1%
R27007	4721-0221-003	RES,220,1/4W,5%,CHIP
R27008	4721-0221-003	RES,220,1/4W,5%,CHIP
R27009	4722-1002-001	RES,10.0K,1/8W,1%
R27010	4722-1002-001	RES,10.0K,1/8W,1%
R27011	4722-1002-001	RES,10.0K,1/8W,1%
R27013	4722-2211-001	RES,2.21K,1/8W,1%
R27014	4722-1002-001	RES,10.0K,1/8W,1%
R27015	4722-6810-001	RES,681,1/8W,1%
R27016	4722-5620-001	RES,562,1/8W,1%
R27017	4722-2553-001	RES,255K,1/8W,1%
R27018	4722-5620-001	RES,562,1/8W,1%
R27019	4722-2211-001	RES,2.21K,1/8W,1%
R27020	4722-1001-001	RES,1.0K,1/8W,1%
R27021	4706-3092-001	RES,30.9K,1/4W,1%
R27022	4706-7682-001	RES,76.8K,1/4W,1%
R27023	4706-1002-001	RES,10.0K,1/4W,1%
R27024	4706-3092-001	RES,30.9K,1/4W,1%
R27025	4706-1002-001	RES,10.0K,1/4W,1%
R27026	4706-2211-001	RES,2.21K,1/4W,1%
R27027	4722-1002-001	RES,10.0K,1/8W,1%
R27028	4722-1502-001	RES,15.0K,1/8W,1%
R27029	4722-8252-001	RES,82.5K,1/8W,1%
R27030	4722-1001-001	RES,1.0K,1/8W,1%
R27031	4721-0221-003	RES,220,1/4W,5%,CHIP
R27032	4721-0221-003	RES,220,1/4W,5%,CHIP
R27033	4722-5623-001	RES,562K,1/8W,1%
R27034	4722-5623-001	RES,562K,1/8W,1%
R27035	4722-2211-001	RES,2.21K,1/8W,1%
R27036	4722-2211-001	RES,2.21K,1/8W,1%
R27037	4752-2103-002	POT,10K OHM S.ADJ MULTI-TURN
R27038	4722-1002-001	RES,10.0K,1/8W,1%
R27039	4722-1002-001	RES,10.0K,1/8W,1%
R27040	4722-1002-001	RES,10.0K,1/8W,1%
R27041	4752-2103-002	POT,10K OHM S.ADJ MULTI-TURN
R27042	4722-8252-001	RES,82.5K,1/8W,1%
R27043	4722-6811-001	RES,6.81K,1/8W,1%



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PCB ASSY, FRONT PANEL PULSE (cont)

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R27044	4722-1002-001	RES,10.0K,1/8W,1%
R27045	4722-1502-001	RES,15.0K,1/8W,1%
R27046	4722-1002-001	RES,10.0K,1/8W,1%
R27047	4722-1502-001	RES,15.0K,1/8W,1%
R27048	4722-1002-001	RES,10.0K,1/8W,1%
R27049	4722-1502-001	RES,15.0K,1/8W,1%
R27050	4722-1001-001	RES,1.0K,1/8W,1%
R27051	4722-1001-001	RES,1.0K,1/8W,1%
R27052	4722-1002-001	RES,10.0K,1/8W,1%
R27053	4722-1002-001	RES,10.0K,1/8W,1%
R27054	4722-4750-001	RES,475,1/8W,1%
R27055	4721-0221-003	RES,220,1/4W,5%,CHIP
R27056	4722-1002-001	RES,10.0K,1/8W,1%
R27057	4722-1000-001	RES,100,1/8W,1%
R27058	4722-1002-001	RES,10.0K,1/8W,1%
R27059	4722-1000-001	RES,100,1/8W,1%
R27060	4722-1002-001	RES,10.0K,1/8W,1%
R27061	4722-1000-001	RES,100,1/8W,1%
R27062	4722-1002-001	RES,10.0K,1/8W,1%
R27069	4722-1003-001	RES,100K,1/8W,1%
R27070	4722-2740-001	RES,274,1/8W,1%
R27071	4722-2740-001	RES,274,1/8W,1%
R27072	4722-1823-001	RES,182K,1/8W,1%
R27073	4722-1003-001	RES,100K,1/8W,1%
R27074	4722-8252-001	RES,82.5K,1/8W,1%
R27075	4722-6811-001	RES,6.81K,1/8W,1%
R27076	4722-1001-001	RES,1.0K,1/8W,1%
R27077	4722-2211-001	RES,2.21K,1/8W,1%
R27078	4722-2553-001	RES,255K,1/8W,1%
R27079	4722-2211-001	RES,2.21K,1/8W,1%
R27080	4722-3653-001	RES,365K,1/8W,1%
R27081	4722-1002-001	RES,10.0K,1/8W,1%
R27082	4722-1002-001	RES,10.0K,1/8W,1%
R27083	4722-1002-001	RES,10.0K,1/8W,1%
R27084	4722-1002-001	RES,10.0K,1/8W,1%
R27085	4722-1002-001	RES,10.0K,1/8W,1%
R27086	4722-1002-001	RES,10.0K,1/8W,1%
R27087	4722-2740-001	RES,274,1/8W,1%
R27088	4722-2740-001	RES,274,1/8W,1%
R27089	4722-2740-001	RES,274,1/8W,1%
R27090	4722-2740-001	RES,274,1/8W,1%
R27091	4722-2740-001	RES,274,1/8W,1%
R27092	4722-2740-001	RES,274,1/8W,1%
R27093	4722-2740-001	RES,274,1/8W,1%
R27094	4722-1002-001	RES,10.0K,1/8W,1%
R27095	4722-1002-001	RES,10.0K,1/8W,1%
R27096	4722-1002-001	RES,10.0K,1/8W,1%
R27097	4722-1002-001	RES,10.0K,1/8W,1%
R27098	4722-1002-001	RES,10.0K,1/8W,1%
R27099	4722-1002-001	RES,10.0K,1/8W,1%
R27100	4722-1002-001	RES,10.0K,1/8W,1%



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PCB ASSY, FRONT PANEL PULSE (cont)

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R27101	4722-1002-001	RES,10.0K,1/8W,1%
R27102	4722-1002-001	RES,10.0K,1/8W,1%
R27103	4722-1002-001	RES,10.0K,1/8W,1%
R27104	4722-1500-001	RES,150,1/8W,1%
R27105	4722-1500-001	RES,150,1/8W,1%
R27106	4722-1500-001	RES,150,1/8W,1%
R27107	4722-1500-001	RES,150,1/8W,1%
R27108	4722-1500-001	RES,150,1/8W,1%
R27109	4722-1500-001	RES,150,1/8W,1%
R27110	4722-1500-001	RES,150,1/8W,1%
R27111	4722-1500-001	RES,150,1/8W,1%
R27112	4722-1500-001	RES,150,1/8W,1%
R27113	4722-1500-001	RES,150,1/8W,1%
R27114	4722-1500-001	RES,150,1/8W,1%
R27115	4722-1500-001	RES,150,1/8W,1%
R27116	4722-1500-001	RES,150,1/8W,1%
RN27001	4690-0910-300	RES NETWORK,10K,BUSS,10-P,SIP
S27001	5136-0002-000	SWITCH,BLUE
TP27001	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27002	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27003	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27004	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27005	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27006	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27007	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27008	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27009	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27010	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27011	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27012	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27013	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27014	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27015	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27016	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27017	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27018	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27019	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27020	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27021	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27022	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27023	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27024	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27025	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27026	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27027	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27028	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27029	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27030	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27031	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27032	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27033	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE

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PCB ASSY, FRONT PANEL PULSE (cont)

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
TP27034	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27035	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27036	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27037	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27038	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27039	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27040	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27041	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27042	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27043	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27044	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27045	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27046	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27047	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27048	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27049	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27050	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27051	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27052	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27053	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27054	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27055	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27056	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27057	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27058	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27059	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27060	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27061	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27062	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27063	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27064	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27065	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27066	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27067	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27068	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27069	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27070	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27071	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27072	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27073	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27074	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27075	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27078	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27079	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
U27001	3135-0000-066	IC,80C188,8/16-B CPU,PLCC
U27002	3210-3074-000	IC,DUAL D,FF/SET/RESET,INDL
U27004	3214-9403-003	IC,OCTAL,3,STATE,DRIVER,SOL
U27006	3214-9403-003	IC,OCTAL,3,STATE,DRIVER,SOL
U27007	3214-9403-006	IC,DUAL,D,FLIP,FLOP,SMD,SOL
U27008	3210-3000-005	IC,3-TO-8 LINE DCDR/DEMUX,SOL
U27009	3210-3000-009	IC,OCT-BUS XCVR,3-STATE,INDL

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PCB ASSY, FRONT PANEL PULSE (cont)

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
U27010	3210-3000-001	IC,OCT.TRANS.LCH,3-STATE,INDL
U27011	3214-9100-016	IC,QUAD 2IN NAND,CMOS,INDL
U27014	3214-9100-014	IC,QUAD BFR/LINEDRVR,SO14,INDL
U27015	3210-3000-003	IC,QUAD 2-IN MUX.SOL-16,INDL
U27016	3210-3000-003	IC,QUAD 2-IN MUX.SOL-16,INDL
U27017	3260-0100-802	IC,SRAM 1230,28-PIN
U27018	3135-0001-059	IC,INDL,TEMP.VOLT.SUPV.SO-8
U27019	3214-9403-003	IC,OCTAL,3,STATE,DRIVER,SOL
U27020	3214-9403-003	IC,OCTAL,3,STATE,DRIVER,SOL
U27021	3214-9403-003	IC,OCTAL,3,STATE,DRIVER,SOL
U27022	3271-2064-701	IC,XC2064-70PC68I LGC.CMSINDL
U27023	3228-0017-000	IC,262,144 BIT DUAL DRAM INDL
U27024	3228-0017-000	IC,262,144 BIT DUAL DRAM INDL
U27025	3210-3000-004	IC,HEX INPUT,ST SO-14 INDL
U27026	3210-3000-007	IC,OCT.BFR/LINE DRVR.SOL INDL
U27027	3214-9403-003	IC,OCTAL,3,STATE,DRIVER,SOL
U27028	3223-0005-006	IC,INDL.RS-232 DRVR. CMOS
U27029	3272-8106-100	IC,22V10 ATC601 FP PULSE V1.00
U27030	3135-0000-078	IC,CMOS,82510 UART PLCC,INDL
U27032	3228-0006-001	IC,5018 D/A CONVERTER,SOL
U27033	3228-0006-001	IC,5018 D/A CONVERTER,SOL
U27034	3224-0016-000	IC,QUAD OP-AMP 248,INDL
U27035	4600-6800-401	INVERTER SUPPLY PURCHASED
U27036	3214-9100-018	IC,3-8 DEMUX CMOS SO-16,INDL
U27039	3214-9100-015	IC,4-BIT BIN CNTR CMOS,INDL
U27040	3214-9403-011	IC,F/F NONINVRT 3-STAT,SOIC
U27041	3228-0006-001	IC,5018 D/A CONVERTER,SOL
U27042	3228-0016-000	IC,12-BIT D/A CONVERTER,INDL
U27043	3228-0006-001	IC,5018 D/A CONVERTER,SOL
U27044	3271-3090-070	IC,LOGIC CELL ARRAY 175P,INDL
U27045	3229-1015-800	IC,10-BIT CMOSD A/D 10158
U27047	3224-0015-000	IC,556 DUAL TIMER,INDL
U27050	3133-0000-124	IC BIMOS CA3130 OP AMP SO
U27051	3210-3000-004	IC,HEX INPUT,ST SO-14 INDL
U27052	3214-9403-002	IC,QUAD 2 INPUT OR GATE SOL
U27053	F260-8120-100	A-D INTERFACE XC7336-15 V1.00
U27054	3135-0001-022	IC,QUAD LOW NOISE OP AMP,SO14
U27055	3135-0001-022	IC,QUAD LOW NOISE OP AMP,SO14
U27056	3210-3000-009	IC,OCT-BUS XCVR,3-STATE,INDL
U27057	3210-3000-009	IC,OCT-BUS XCVR,3-STATE,INDL
U27058	3210-3000-009	IC,OCT-BUS XCVR,3-STATE,INDL
U27059	3135-0001-021	IC,TL072 OP AMP,SO-8
U27060	3214-9403-002	IC,QUAD 2 INPUT OR GATE SOL
XU27001	3101-0000-031	SOCKET,68-P LCC JEDEC H/P TIN
XU27003	3101-0000-013	SOCKET,8P DIP,DUAL WIPE
XU27005	3101-0000-013	SOCKET,8P DIP,DUAL WIPE
XU27012	3101-0000-055	SOCKET,32-P PLCC W/O PINS SMD
XU27013	3101-0000-055	SOCKET,32-P PLCC W/O PINS SMD
XU27017	3101-0000-029	SOCKET,28-P DIP,GOLD,LO PROFIL
XU27022	3101-0000-031	SOCKET,68-P LCC JEDEC H/P TIN
XU27031	3101-0000-013	SOCKET,8P DIP,DUAL WIPE

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PCB ASSY, FRONT PANEL PULSE (cont)
B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
XU27044	3101-0000-048	SOCKET,175 P

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PCB ASSY, FRONT PANEL PULSE
C

Contains all parts shown in Revision B minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
TP27003	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27012	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27013	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27018	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27019	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27020	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27021	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27022	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27024	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27025	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27030	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27034	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27036	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27039	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27040	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27041	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27042	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27043	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27044	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27045	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27046	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27047	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27050	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27051	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27052	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27053	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27054	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27055	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27058	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27065	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27066	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27067	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27068	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27069	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27070	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27071	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27072	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27073	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27074	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27075	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE



7010-8132-800

PCB ASSY, FRONT PANEL PULSE

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8124-100	PC BD, FP PULSE
2	1051-0100-100	ADEHESIVE,TAK PAK 444
3	4104-0000-002	CARD GUIDE & EJECTOR S-203
4	2108-0000-008	PIN FOR S-203 EJECTOR N/C
5	1050-0000-013	ADHESIVE, SILICONE RTV, WHITE
6	6003-0001-009	WIRE,HOOK,TFE,30GA,SOLID,WHT
C27001	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27002	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27003	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27004	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27005	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27006	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27007	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27008	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27009	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27010	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27011	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27012	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27013	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27014	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27015	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27016	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27017	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27018	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27019	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27020	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27021	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27022	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27023	1618-0105-016T	CAP,1UF,16V,TANT,SMD
C27024	1619-0106-025T	CAP,10UF,25V,TANT,SMD
C27025	1619-0106-025T	CAP,10UF,25V,TANT,SMD
C27026	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27027	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27028	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27029	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27030	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27031	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27032	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27033	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27034	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27035	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27036	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27037	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27038	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27039	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27040	1622-0220-001T	CAP,22PF,100V,5%,1206,NPO
C27041	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27042	1622-0101-001T	CAP,100PF,50V,CHIP
C27043	1618-0474-025T	CAP,0.47UF,25V,TANT,SMD
C27044	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27045	1622-0220-001T	CAP,22PF,100V,5%,1206,NPO

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PCB ASSY, FRONT PANEL PULSE (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C27046	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27047	1622-0101-001T	CAP,100PF,50V,CHIP
C27048	1618-0474-025T	CAP,0.47UF,25V,TANT,SMD
C27049	1580-1000-200	CAP,10UF,25V,ELE,RDL
C27050	1580-1000-200	CAP,10UF,25V,ELE,RDL
C27051	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27052	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27053	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27054	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27055	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27056	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27058	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27061	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27062	1622-0220-001T	CAP,22PF,100V,5%,1206,NPO
C27063	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27064	1622-0220-001T	CAP,22PF,100V,5%,1206,NPO
C27065	1618-0474-025T	CAP,0.47UF,25V,TANT,SMD
C27066	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27067	1622-0220-001T	CAP,22PF,100V,5%,1206,NPO
C27068	1622-0101-001T	CAP,100PF,50V,CHIP
C27069	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27070	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27071	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27072	1619-0476-010T	CAP,47UF,10V,TANT,SMD
C27073	1580-1000-200	CAP,10UF,25V,ELE,RDL
C27074	1580-1000-200	CAP,10UF,25V,ELE,RDL
C27075	1618-0474-025T	CAP,0.47UF,25V,TANT,SMD
C27076	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27077	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27078	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27079	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27080	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27081	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27082	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27083	1619-0106-025T	CAP,10UF,25V,TANT,SMD
C27084	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27085	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27086	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27087	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27088	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27089	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27090	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27092	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27093	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27094	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27095	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27096	1622-0101-001T	CAP,100PF,50V,CHIP
C27097	1619-0106-025T	CAP,10UF,25V,TANT,SMD
C27098	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27099	1619-0106-025T	CAP,10UF,25V,TANT,SMD
C27100	1622-0101-001T	CAP,100PF,50V,CHIP

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PCB ASSY, FRONT PANEL PULSE (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C27101	1580-1020-049	CAP,1000UF,6.3V,ELE,30
C27102	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27103	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27104	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27105	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27106	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27107	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27108	1622-0102-001T	CAP,1000PF,50V,CHIP,NPO
C27109	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27110	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27111	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27112	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27113	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27114	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27115	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27116	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27117	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27118	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27119	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27120	1580-3310-025	CAP,330UF,25V,ELE,RDL
C27121	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27122	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27123	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27124	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27125	1622-0103-001T	CAP,0.01UF,50V,CHIP,X7R
C27126	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27127	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27128	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
C27129	1622-0104-001T	CAP,0.1UF,50V,CHIP,X7R
CR27001	4816-0000-004T	DIODE,HSMS-2803,S-BAR SOT-23
CR27002	4816-0000-004T	DIODE,HSMS-2803,S-BAR SOT-23
CR27003	4816-0000-006T	DIODE, HSMS 2802, SOT-23
CR27004	4816-0000-006T	DIODE, HSMS 2802, SOT-23
CR27005	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
CR27006	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
CR27007	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
CR27008	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
CR27009	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
CR27010	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
CR27011	4818-0000-003	DIODE ZENER, 5.1V .5W
CR27012	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
CR27013	4818-0000-029	DIODE, LM236AH-2.5 REF TO-46
CR27014	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
CR27015	4816-0000-006T	DIODE, HSMS 2802, SOT-23
CR27016	4818-0000-033	DIODE,IN5281B ZENER 200V INDL
CR27017	4818-0000-033	DIODE,IN5281B ZENER 200V INDL
CR27018	4815-0000-005T	DIODE, 4148,SIGNAL 75PRV SMD
DL27001	4730-0000-001	DELAY LINE,INDL.PASSIVE 10NS
G27001	5850-0000-031	OSC,40.0000MHZ 14-P INDL
J27051	2115-0005-002	CONN,LKING HEADER 2-P GOLD
J27052	2115-0005-020	CONN,LKING HEADER 20P GOLD



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PCB ASSY, FRONT PANEL PULSE (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
JTB27001	2129-1087-002	CONN, HDR. D.R. RTANG. 2-P
L27001	1811-6103-003T	IND, SM 10UH 10% C 1812
P27007	2129-1002-148	CONN, RA TPL ROW DIN MALE 48P
P27015	2129-1002-196	CONN, RA
Q27001	4809-0000-021T	TRANS, 3904, NPN SMD
Q27002	4809-0000-021T	TRANS, 3904, NPN SMD
Q27003	4809-0000-021T	TRANS, 3904, NPN SMD
Q27004	4809-0000-021T	TRANS, 3904, NPN SMD
Q27005	4811-0000-001	TRANS, SJE1461, NPN PWR AMP
Q27006	4801-0000-006T	TRANS, 2N2222, NPN HS SW, SOT
Q27007	4801-0000-006T	TRANS, 2N2222, NPN HS SW, SOT
Q27008	4801-0000-006T	TRANS, 2N2222, NPN HS SW, SOT
R27001	4722-5111-001T	RES, 5.11K, 1/8W, 1%
R27002	4722-1001-001T	RES, 1.0K, 1/8W, 1%
R27003	4721-0181-002T	RES, 180, 1/4W, 5%, CHIP
R27004	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27005	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27006	4722-2211-001T	RES, 2.21K, 1/8W, 1%
R27007	4721-0221-003T	RES, 220, 1/4W, 5%, CHIP
R27008	4721-0221-003T	RES, 220, 1/4W, 5%, CHIP
R27009	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27010	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27011	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27013	4722-2211-001T	RES, 2.21K, 1/8W, 1%
R27014	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27015	4722-6810-001T	RES, 681, 1/8W, 1%
R27016	4722-5620-001T	RES, 562, 1/8W, 1%
R27017	4722-2553-001T	RES, 255K, 1/8W, 1%
R27018	4722-5620-001T	RES, 562, 1/8W, 1%
R27019	4722-2211-001T	RES, 2.21K, 1/8W, 1%
R27020	4722-1001-001T	RES, 1.0K, 1/8W, 1%
R27021	4706-3092-001	RES, 30.9K, 1/4W, 1%
R27022	4706-7682-001	RES, 76.8K, 1/4W, 1%
R27023	4706-1002-001	RES, 10.0K, 1/4W, 1%
R27024	4706-3092-001	RES, 30.9K, 1/4W, 1%
R27025	4706-1002-001	RES, 10.0K, 1/4W, 1%
R27026	4706-2211-001	RES, 2.21K, 1/4W, 1%
R27027	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27028	4722-1502-001T	RES, 15.0K, 1/8W, 1%
R27029	4722-8252-001T	RES, 82.5K, 1/8W, 1%
R27030	4722-1001-001T	RES, 1.0K, 1/8W, 1%
R27031	4721-0221-003T	RES, 220, 1/4W, 5%, CHIP
R27032	4721-0221-003T	RES, 220, 1/4W, 5%, CHIP
R27033	4722-5623-001T	RES, 562K, 1/8W, 1%
R27034	4722-5623-001T	RES, 562K, 1/8W, 1%
R27035	4722-2211-001T	RES, 2.21K, 1/8W, 1%
R27036	4722-2211-001T	RES, 2.21K, 1/8W, 1%
R27037	4752-2103-002	POT, 10K OHM S.ADJ MULTI-TURN
R27038	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27039	4722-1002-001T	RES, 10.0K, 1/8W, 1%
R27040	4722-1002-001T	RES, 10.0K, 1/8W, 1%



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PCB ASSY, FRONT PANEL PULSE (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R27041	4752-2103-002	POT,10K OHM S.ADJ MULTI-TURN
R27042	4722-8252-001T	RES,82.5K,1/8W,1%
R27043	4722-6811-001T	RES,6.81K,1/8W,1%
R27044	4722-1002-001T	RES,10.0K,1/8W,1%
R27045	4722-1502-001T	RES,15.0K,1/8W,1%
R27046	4722-1002-001T	RES,10.0K,1/8W,1%
R27047	4722-1502-001T	RES,15.0K,1/8W,1%
R27048	4722-1002-001T	RES,10.0K,1/8W,1%
R27049	4722-1502-001T	RES,15.0K,1/8W,1%
R27050	4722-1001-001T	RES,1.0K,1/8W,1%
R27051	4722-1001-001T	RES,1.0K,1/8W,1%
R27052	4722-1002-001T	RES,10.0K,1/8W,1%
R27053	4722-1002-001T	RES,10.0K,1/8W,1%
R27054	4722-4750-001T	RES,475,1/8W,1%
R27055	4721-0221-003T	RES,220,1/4W,5%,CHIP
R27056	4722-1002-001T	RES,10.0K,1/8W,1%
R27057	4722-1000-001T	RES,100,1/8W,1%
R27058	4722-1002-001T	RES,10.0K,1/8W,1%
R27059	4722-1000-001T	RES,100,1/8W,1%
R27060	4722-1002-001T	RES,10.0K,1/8W,1%
R27061	4722-1000-001T	RES,100,1/8W,1%
R27062	4722-1002-001T	RES,10.0K,1/8W,1%
R27069	4722-1003-001T	RES,100K,1/8W,1%
R27070	4722-2740-001T	RES,274,1/8W,1%
R27071	4722-2740-001T	RES,274,1/8W,1%
R27072	4722-1823-001T	RES,182K,1/8W,1%
R27073	4722-1003-001T	RES,100K,1/8W,1%
R27074	4722-8252-001T	RES,82.5K,1/8W,1%
R27075	4722-6811-001T	RES,6.81K,1/8W,1%
R27076	4722-1001-001T	RES,1.0K,1/8W,1%
R27077	4722-2211-001T	RES,2.21K,1/8W,1%
R27078	4722-2553-001T	RES,255K,1/8W,1%
R27079	4722-2211-001T	RES,2.21K,1/8W,1%
R27080	4722-3653-001T	RES,365K,1/8W,1%
R27081	4722-1002-001T	RES,10.0K,1/8W,1%
R27082	4722-1002-001T	RES,10.0K,1/8W,1%
R27083	4722-1002-001T	RES,10.0K,1/8W,1%
R27084	4722-1002-001T	RES,10.0K,1/8W,1%
R27085	4722-1002-001T	RES,10.0K,1/8W,1%
R27086	4722-1002-001T	RES,10.0K,1/8W,1%
R27087	4722-2740-001T	RES,274,1/8W,1%
R27088	4722-2740-001T	RES,274,1/8W,1%
R27089	4722-2740-001T	RES,274,1/8W,1%
R27090	4722-2740-001T	RES,274,1/8W,1%
R27091	4722-2740-001T	RES,274,1/8W,1%
R27092	4722-2740-001T	RES,274,1/8W,1%
R27093	4722-2740-001T	RES,274,1/8W,1%
R27094	4722-1002-001T	RES,10.0K,1/8W,1%
R27095	4722-1002-001T	RES,10.0K,1/8W,1%
R27096	4722-1002-001T	RES,10.0K,1/8W,1%
R27097	4722-1002-001T	RES,10.0K,1/8W,1%



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PCB ASSY, FRONT PANEL PULSE (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R27098	4722-1002-001T	RES,10.0K,1/8W,1%
R27099	4722-1002-001T	RES,10.0K,1/8W,1%
R27100	4722-1002-001T	RES,10.0K,1/8W,1%
R27101	4722-1002-001T	RES,10.0K,1/8W,1%
R27102	4722-1002-001T	RES,10.0K,1/8W,1%
R27103	4722-1002-001T	RES,10.0K,1/8W,1%
R27104	4722-1500-001T	RES,150,1/8W,1%
R27105	4722-1500-001T	RES,150,1/8W,1%
R27106	4722-1500-001T	RES,150,1/8W,1%
R27107	4722-1500-001T	RES,150,1/8W,1%
R27108	4722-1500-001T	RES,150,1/8W,1%
R27109	4722-1500-001T	RES,150,1/8W,1%
R27110	4722-1500-001T	RES,150,1/8W,1%
R27111	4722-1500-001T	RES,150,1/8W,1%
R27112	4722-1500-001T	RES,150,1/8W,1%
R27113	4722-1500-001T	RES,150,1/8W,1%
R27114	4722-1500-001T	RES,150,1/8W,1%
R27115	4722-1500-001T	RES,150,1/8W,1%
R27116	4722-1500-001T	RES,150,1/8W,1%
R27120	4702-0229-003	RES,2.2,1/4W,5%
R27121	4753-0103-002	POT, 10K OHM
RN27001	4690-0910-300	RES NETWORK,10K,BUSS,10-P,SIP
S27001	5136-0002-000	SWITCH KSAOM421 BLUE
TP27001	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27002	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27004	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27005	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27006	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27007	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27008	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27009	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27010	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27011	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27014	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27015	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27016	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27017	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27023	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27026	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27027	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27028	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27029	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27031	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27032	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27033	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27035	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27037	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27038	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27048	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27049	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27057	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE



7010-8132-800

PCB ASSY, FRONT PANEL PULSE (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
TP27058	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27059	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27060	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27061	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27062	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27063	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27064	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27078	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP27079	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
U27001	3135-0000-066	IC,80C188,8/16-B CPU, PLCC
U27002	3210-3074-000T	IC,DUAL D,FF/SET/RESET INDL
U27004	3214-9403-003T	IC,OCTAL,3,STATE,DRIVER SOL
U27006	3214-9403-003T	IC,OCTAL,3,STATE,DRIVER SOL
U27007	3214-9403-006T	IC,DUAL,D,FLIP,FLOP,SMD SOL
U27008	3210-3000-005T	IC,3-TO-8 LINE DCDR/DEMUX SOL
U27009	3210-3000-009T	IC,OCT-BUS XCVR,3-STATE INDL
U27010	3210-3000-001T	IC,OCT.TRANS.LCH,3-STATE INDL
U27011	3214-9100-016T	IC,QUAD 2IN NAND CMOS INDL
U27014	3214-9100-014T	IC,QUAD BFR/LINEDRVR SO14INDL
U27015	3210-3000-003T	IC,QUAD 2-IN MUX.SOL-16 INDL
U27016	3210-3000-003T	IC,QUAD 2-IN MUX.SOL-16 INDL
U27017	3260-0100-802	IC,SRAM 1230 28-PIN
U27018	3135-0001-059T	IC,INDL,TEMP.VOLT.SUPV.SO-8
U27019	3214-9403-003T	IC,OCTAL,3,STATE,DRIVER SOL
U27020	3214-9403-003T	IC,OCTAL,3,STATE,DRIVER SOL
U27021	3214-9403-003T	IC,OCTAL,3,STATE,DRIVER SOL
U27022	3271-2064-701	IC,XC2064-70PC68I LGC.CMSINDL
U27023	3228-0017-000	IC,262,144 BIT DUAL DRAM INDL
U27024	3228-0017-000	IC,262,144 BIT DUAL DRAM INDL
U27025	3210-3000-004T	IC,HEX INPUT, ST SO-14 INDL
U27026	3210-3000-007T	IC,OCT.BFR/LINE DRVR.SOL INDL
U27027	3214-9403-003T	IC,OCTAL,3,STATE,DRIVER SOL
U27028	3223-0005-006	IC,INDL.RS-232 DRVR. CMOS
U27029	3272-8106-100	IC,22V10 ATC601 FP PULSE V1.00
U27030	3135-0000-078	IC,CMOS,82510 UART PLCC INDL
U27032	3228-0006-001T	IC,5018 D/A CONVERTER SOL
U27033	3228-0006-001T	IC,5018 D/A CONVERTER SOL
U27034	3224-0016-000	IC,QUAD OP-AMP 248 INDL
U27036	3214-9100-018T	IC,3-8 DEMUX CMOS SO-16 INDL
U27039	3214-9100-015T	IC,4-BIT BIN CNTR CMOS INDL
U27040	3214-9403-011T	IC, F/F NONINVRT 3-STAT SOIC
U27041	3228-0006-001T	IC,5018 D/A CONVERTER SOL
U27042	3228-0016-000	IC,12-BIT D/A CONVERTER INDL
U27043	3228-0006-001T	IC,5018 D/A CONVERTER SOL
U27044	3271-3090-070	IC,LOGIC CELL ARRAY 175P INDL
U27045	3229-1015-800T	IC, 10-BIT CMOSD A/D 10158
U27047	3224-0015-000	IC,556 DUAL TIMER INDL
U27050	3133-0000-124T	IC BIMOS CA3130 OP AMP SO
U27051	3210-3000-004T	IC,HEX INPUT, ST SO-14 INDL
U27052	3214-9403-002T	IC,QUAD 2 INPUT OR GATE SOL
U27053	F260-8120-100	A-D INTERFACE XC7336-15 V1.00



7010-8132-800

PCB ASSY, FRONT PANEL PULSE (cont)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
U27054	3135-0001-022T	IC,QUAD LOW NOISE OP AMP,SO14
U27055	3135-0001-022T	IC,QUAD LOW NOISE OP AMP,SO14
U27056	3210-3000-009T	IC,OCT-BUS XCVR,3-STATE INDL
U27057	3210-3000-009T	IC,OCT-BUS XCVR,3-STATE INDL
U27058	3210-3000-009T	IC,OCT-BUS XCVR,3-STATE INDL
U27059	3135-0001-021T	IC, TL072 OP AMP SO-8
U27060	3214-9403-002T	IC,QUAD 2 INPUT OR GATE SOL
XU27001	3101-0000-031	SOCKET,68-P LCC JEDEC H/P TIN
XU27003	3101-0000-013	SOCKET,8P DIP, DUAL WIPE
XU27005	3101-0000-013	SOCKET,8P DIP, DUAL WIPE
XU27012	3101-0000-055T	SOCKET,32-P PLCC W/O PINS SMD
XU27013	3101-0000-055T	SOCKET,32-P PLCC W/O PINS SMD
XU27017	3101-0000-029	SOCKET,28-P DIP,GOLD,LO PROFIL
XU27022	3101-0000-031	SOCKET,68-P LCC JEDEC H/P TIN
XU27031	3101-0000-013	SOCKET,8P DIP, DUAL WIPE
XU27044	3101-0000-048	SOCKET, 175 P

7010-8132-800

PCB ASSY, FRONT PANEL PULSE

B

Contains all parts shown in Revision A minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R27100	4722-1002-001T	RES,10.0K,1/8W,1%
R27101	4722-1002-001T	RES,10.0K,1/8W,1%

Contains all parts shown in Revision A plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R27118	4722-1002-001T	RES,10.0K,1/8W,1%
R27119	4722-1002-001T	RES,10.0K,1/8W,1%



7005-8143-100

ASSY, LINE SUPPLY

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1400-8152-500	BRKT LINE SUPPLY
2	2803-0250-006	SCREW,4-40 X 1/4 PPHM
3	2809-1000-006	SCREW,10-32X1 PPHM
4	2804-0375-006	SCREW,6-32 X 3/8 PPHM
5	6011-0042-000	TUBING,TF,18 AWG,NATURAL,SW
6	6012-0166-100	TUBING,PVC-105, 6 AWG,CLEAR
8	6004-6005-400	TY-RAP,4.0 LG
A1	7010-8133-100	PCB ASSY, LINE SUPPLY
BR33001	4823-0000-001	RECT,PK10 ,BRIDGE, 100V,10A
J11062	2115-0001-034	CONNECTOR,2-P,MATE-N-LOK,CAP
J11062-1	2114-0000-064	CONTACT,MATE-N-LOK,PIN,18GA
J11062-2	2114-0000-064	CONTACT,MATE-N-LOK,PIN,18GA
T33001	5604-8100-003	TRANSFORMER,TOROIDAL POWER
W1	6008-5000-002	WIRE, CSA, 600V,18GA,BROWN
W2	6008-5009-007	WIRE, UL 600V 18GA, 75,BLUE

7005-8143-100

ASSY, LINE SUPPLY

C

Contains all parts shown in Revision B.

7005-8143-100

ASSY, LINE SUPPLY

D

Contains all parts shown in Revision C with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
3	2809-1000-102	SC,10-32X1,ASH,SS,PA

7005-8143-100

ASSY, LINE SUPPLY

E

Contains all parts shown in Revision D.

7005-8143-100

ASSY, LINE SUPPLY

E1

Contains all parts shown in Revision E plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
7	1050-0000-019	THERMAL COMPOUND
9	1050-0000-047	LOC-TITE 222



MAINTENANCE MANUAL
TCAS-201-2

7005-8143-100

ASSY, LINE SUPPLY

F

Contains all parts shown in Revision E1.



7010-8133-100

PCB ASSY, LINE SUPPLY

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8123-100	PC BD, LINE SUPPLY
2	6004-6005-400	TY-RAP,4.0 LG
C15003	1579-0222-035	CAP,UF 2200 35V 20% RDL ELE
CR15001	4832-0000-001	DIODE,NS2001,RECT,100V,2A
CR15002	4901-4752-100	DIODE,1N4752A,ZENER,33V,1W
J26001	2115-0005-004	CONN,LKING HEADER 4-P GOLD
Q15001	4822-0000-002	RECT,2N6397,THYR,TO-220
R15001	4705-0500-002	RES,50,2W,5%,WW
R15002	4702-0102-003	RES,1.0K,1/4W,5%
S15001	5135-2026-100	SWITCH,SLIDE,DPDT,115/230,PCM

7005-8143-500
ASSY, POWER SUPPLY
C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	7010-8130-500	PCB ASSY, PWR SUPPLY
2	1414-3554-600	COVER,POWER SUPPLY
3	2803-0313-003	SCREW 4-40 X 5/16 PFHMS
4	2803-0250-006	SCREW,4-40 X 1/4 PPHM
5	2804-0188-003	SCREW 6-32X3/16 PHIL FLAT HD
6	1415-8151-400	ENCLOSURE, PWR SUPPLY
7	2803-0250-003	SCREW,4-40 X 1/4 PFHM
8	2803-0375-006	SCREW, 4-40 X 3/8 PPHM
9	6004-7800-200	TY-RAP,#4 SCREW MOUNT,5.5L
14	2840-6153-500	WASHER PPS SHOULDER
15	4835-0000-103	INSUL,MICA,TO-220 TRANS,DF103B
16	2840-0000-009	WASHER,FLAT,4,MS15795-803
17	2850-0000-020	NUT,HEX,SMALL PAT,4-40
18	2400-7856-800	LABEL,ESD
Q23001	5050-2445-200	TRANS TMOSPWR 80V/.065R SNSFET
Q23002	5050-2445-200	TRANS TMOSPWR 80V/.065R SNSFET
U23004	5050-2402-100	IC, 1A LOW DROPOUT REG
U23005	5050-2402-100	IC, 1A LOW DROPOUT REG
W1	7007-8580-300	WIRE HARN ASSY, POWER SUPPLY

7005-8143-500
ASSY, POWER SUPPLY
D

Contains all parts shown in Revision C with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
Q23001	5050-2445-500	TRANS,SENSEFET 100V,28A,.077 R
Q23002	5050-2445-500	TRANS,SENSEFET 100V,28A,.077 R

7005-8143-500
ASSY, POWER SUPPLY
E

Contains all parts shown in Revision D.



7010-8130-500

PCB ASSY, POWER SUPPLY

C1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-7420-300	PC BD,MLS-801 PWR SUPPLY
2	2510-5064-301	HUB, TRANSFORMER MOUNTING
3	2803-0313-006	SCREW,4-40 X 5/16 PPHM
4	2804-1000-006	SCREW 6-32 X 1 PBHMS
5	2840-0000-001	WASHER,LOCK,INT TOOTH,6
6	2840-0000-003	WASHER,LOCK,INT TOOTH,4
7	2840-7600-216	WASHER,PHEN,.63OD,.140ID,.060T
8	2850-0000-002	NUT,HEX,SMALL PAT,6-32
9	2850-0000-008	NUT,HEX,REG PAT,4-40
10	6003-0001-006	WIRE,HOOK,TFE,30GA,SOLID,BLU
11	6010-0125-100	TUBING,HS, 1/8 ID,CLEAR
C14001	1580-3312-215	CAP,330UF,16V,ELE,RDL
C14003	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14005	1506-0332-017	CAP,3000PF,100V,5%,NPO
C14006	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14007	1506-0471-017	CAP,470PF,100V,5%,NPO
C14008	1580-4700-215	CAP,47UF,25V,ELE,30
C14009	1506-0102-017	CAP,1000PF,100V,5%,NPO
C14010	1507-0105-018	CAP,1UF,35V,20%,TANT
C14011	1506-0102-017	CAP,1000PF,100V,5%,NPO
C14012	1506-0332-017	CAP,3000PF,100V,5%,NPO
C14013	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14014	1506-0221-017	CAP,220PF,100V,5%,NPO
C14015	1506-0102-017	CAP,1000PF,100V,5%,NPO
C14016	1580-3312-215	CAP,330UF,16V,ELE,RDL
C14017	1508-0107-020	CAP,100UF,20V,TANT,RDL
C14018	1508-0226-018	CAP,22UF,35V,20%,TANT,RDL
C14019	1580-3312-215	CAP,330UF,16V,ELE,RDL
C14020	1508-0107-020	CAP,100UF,20V,TANT,RDL
C14021	1508-0226-018	CAP,22UF,35V,20%,TANT,RDL
C14022	1580-3312-215	CAP,330UF,16V,ELE,RDL
C14023	1580-3312-215	CAP,330UF,16V,ELE,RDL
C14025	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14026	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14027	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14028	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14029	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14030	1580-3312-215	CAP,330UF,16V,ELE,RDL
C14031	1508-0226-018	CAP,22UF,35V,20%,TANT,RDL
C14032	1508-0226-018	CAP,22UF,35V,20%,TANT,RDL
C14034	1506-0471-017	CAP,470PF,100V,5%,NPO
C14035	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14037	1580-3312-215	CAP,330UF,16V,ELE,RDL
C14038	1580-3312-215	CAP,330UF,16V,ELE,RDL
C14039	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14040	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C14042	1580-4792-305	CAP,4.7UF,35V
C14043	1580-4792-305	CAP,4.7UF,35V
C14044	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
CR14001	4815-0000-003	DIODE, 1N4148 ,SIGNAL, 75PRV
CR14002	4815-0000-003	DIODE, 1N4148 ,SIGNAL, 75PRV

7010-8130-500

PCB ASSY, POWER SUPPLY (cont)

C1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
CR14003	4920-5158-450	DIODE,80SQ045 ,RECT,PS,45V,8A
CR14004	4818-0000-017	DIODE,NS2002 ,RECT, 200V, 2A
CR14005	4901-5245-200	DIODE, 1N5245B ,ZENER, 15V,.5W
CR14006	4901-5245-200	DIODE, 1N5245B ,ZENER, 15V,.5W
CR14007	4818-0000-017	DIODE,NS2002 ,RECT, 200V, 2A
CR14008	4920-5158-300	DIODE,80SQ035 ,RECT,PS,30V,8A
CR14009	4945-0150-050	DIODE,5KP5.0 ,TZORB, 5V,5KW
CR14010	4815-0000-003	DIODE, 1N4148 ,SIGNAL, 75PRV
CR14011	4815-0000-003	DIODE, 1N4148 ,SIGNAL, 75PRV
CR14012	4816-0000-001	DIODE,5082-2800,S BAR, 70VBR
CR14013	4815-0000-003	DIODE, 1N4148 ,SIGNAL, 75PRV
CR14014	4920-5158-450	DIODE,80SQ045 ,RECT,PS,45V,8A
CR14015	4920-5158-450	DIODE,80SQ045 ,RECT,PS,45V,8A
CR14016	4816-0000-001	DIODE,5082-2800,S BAR, 70VBR
F14001	5106-0000-040	FUSE 7AMP PICO II
L14001	1800-5354-900	IND,TOROID,30-T #20 MAGNET
L14003	1800-5354-900	IND,TOROID,30-T #20 MAGNET
L14005	1800-5354-900	IND,TOROID,30-T #20 MAGNET
L14006	1800-5354-900	IND,TOROID,30-T #20 MAGNET
L14007	1800-5354-900	IND,TOROID,30-T #20 MAGNET
L14008	1801-0102-001	IND, 1.0MH, I=28MA, 3.4 OHMS
P23047	2205-3510-103	CONN,D-SUB,M,15-P,PCM,R.A
Q14001	4801-0000-001	TRANSISTOR NPN HS SW
Q14002	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q14004	4801-0000-001	TRANSISTOR NPN HS SW
Q14005	4807-0000-002	TRANS, 2N3905 ,PNP HS SW
Q14006	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q14007	4801-0000-001	TRANSISTOR NPN HS SW
Q14008	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q14011	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
Q14012	4807-0000-002	TRANS, 2N3905 ,PNP HS SW
Q14013	4801-0000-002	TRANS, 2N2405 ,NPN AMP
Q14014	4801-0000-001	TRANSISTOR NPN HS SW
Q14015	4801-0000-001	TRANSISTOR NPN HS SW
Q14016	4801-0000-001	TRANSISTOR NPN HS SW
Q14017	4805-0000-001	TRANS,2N2907A,PNP HS SW (3251)
R14001	4709-0108-004	RES,0.1,5W,5%,WW
R14003	4701-0474-003	RES,470K,1/8W,5%
R14004	4701-0472-003	RES,4.7K,1/8W,5%
R14006	4701-0471-003	RES,470,1/8W,5%
R14007	4753-0203-002	POT 20K OHM
R14008	4701-0822-003	RES,8.2K,1/8W,5%
R14009	4701-0101-003	RES,100,1/8W,5%
R14010	4701-0103-003	RES,10K,1/8W,5%
R14011	4701-0270-003	RES,27,1/8W,5%
R14012	4701-0102-003	RES,1.0K,1/8W,5%
R14013	4701-0103-003	RES,10K,1/8W,5%
R14014	4701-0100-003	RES,10,1/8W,5%
R14015	4701-0150-003	RES,15,1/8W,5%
R14016	4701-0103-003	RES,10K,1/8W,5%
R14017	4701-0103-003	RES,10K,1/8W,5%



7010-8130-500

PCB ASSY, POWER SUPPLY (cont)

C1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R14018	4701-0103-003	RES,10K,1/8W,5%
R14019	4701-0104-003	RES,100K,1/8W,5%
R14020	4701-0223-003	RES,22K,1/8W,5%
R14021	4701-0153-003	RES,15K,1/8W,5%
R14022	4701-0103-003	RES,10K,1/8W,5%
R14023	4701-0102-003	RES,1.0K,1/8W,5%
R14024	4701-0103-003	RES,10K,1/8W,5%
R14025	4701-0103-003	RES,10K,1/8W,5%
R14026	4701-0103-003	RES,10K,1/8W,5%
R14027	4701-0103-003	RES,10K,1/8W,5%
R14028	4701-0102-003	RES,1.0K,1/8W,5%
R14029	4701-0270-003	RES,27,1/8W,5%
R14030	4701-0103-003	RES,10K,1/8W,5%
R14031	4701-0479-003	RES,4.7,1/8W,5%
R14032	4701-0100-003	RES,10,1/8W,5%
R14033	4701-0221-003	RES,220,1/8W,5%
R14034	4701-0221-003	RES,220,1/8W,5%
R14044	4701-0102-003	RES,1.0K,1/8W,5%
R14046	4701-0102-003	RES,1.0K,1/8W,5%
R14047	4701-0331-003	RES,330,1/8W,5%
R14049	4701-0103-003	RES,10K,1/8W,5%
R14050	4701-0333-003	RES,33K,1/8W,5%
R14051	4701-0472-003	RES,4.7K,1/8W,5%
R14052	4701-0152-003	RES,1.5K,1/8W,5%
R14053	4701-0181-003	RES,180,1/8W,5%
R14054	4701-0103-003	RES,10K,1/8W,5%
R14055	4701-0391-003	RES,390,1/8W,5%
R14057	4701-0104-003	RES,100K,1/8W,5%
R14058	4701-0224-003	RES,220K,1/8W,5%
R14059	4701-0272-003	RES,2.7K,1/8W,5%
R14060	4701-0152-003	RES,1.5K,1/8W,5%
R14061	4753-0102-002	POT 1K OHM
R14062	4701-0103-003	RES,10K,1/8W,5%
R14063	4701-0820-003	RES,82,1/8W,5%
R14064	4701-0101-003	RES,100,1/8W,5%
R14065	4701-0182-003	RES,1.8K,1/8W,5%
R14066	4701-0223-003	RES,22K,1/8W,5%
R14067	4701-0103-003	RES,10K,1/8W,5%
R14068	4701-0221-003	RES,220,1/8W,5%
R14069	4701-0221-003	RES,220,1/8W,5%
R14070	4701-0103-003	RES,10K,1/8W,5%
R14071	4701-0103-003	RES,10K,1/8W,5%
R14072	4701-0471-003	RES,470,1/8W,5%
R14073	4702-0279-003	RES,2.7,1/4W,5%
R14074	4756-2510-400	POT 100K OHM
R14075	4701-0184-003	RES,180K,1/8W,5%
R14078	4701-0682-003	RES,6.8K,1/8W,5%
R14079	4701-0472-003	RES,4.7K,1/8W,5%
R14080	4701-0393-003	RES,39K,1/8W,5%
R14081	4702-0331-003	RES,330,1/4W,5%
R14082	4701-0102-003	RES,1.0K,1/8W,5%



7010-8130-500

PCB ASSY, POWER SUPPLY (cont)

C1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
RT14001	4800-0000-003	THERM,2KOHM,25/125=19.8,2H-202
T14001	5604-7401-100	TRANSFORMER MLS-801
T14002	5604-7401-100	TRANSFORMER MLS-801
TP14001	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP14002	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
U14001	3135-0000-002	IC, LIN PWM CONTROL CIRCUIT
U14002	3133-0000-004	IC,4027B,DUAL JK MS FLIP-FLOP
U14003	3135-0000-002	IC, LIN PWM CONTROL CIRCUIT
U14006	3224-0010-100	IC,LOW PWR LOW OFS V QUAD COMP
U14008	3224-0010-100	IC,LOW PWR LOW OFS V QUAD COMP

7010-8130-500

PCB ASSY, POWER SUPPLY

D

Contains all parts shown in Revision C1 with the following additions and exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
10	6008-0000-009	WIRE,HOOK,TFE,30GA,SOLID,WHT
12	6011-0027-001	TUBING,TF,22 AWG,NATURAL,TW
CR14017	4822-0000-012	RECT, ULTRAFAST 100V 1AMP
CR14018	4822-0000-012	RECT, ULTRAFAST 100V 1AMP
R14015	4701-0390-003	RES,39,1/8W,5%
R14031	4701-0100-003	RES,10,1/8W,5%

7010-8130-500

PCB ASSY, POWER SUPPLY

E

Contains all parts shown in Revision D with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
F14001	5106-0000-040	FUSE 7AMP PICO II

7005-8544-200

ASSY, FRONT PANEL

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	7010-8131-700	PCB ASSY,VIDEO DETECTOR
2	7010-8532-300	PCB ASSY,FT.PNL LED
4	7005-8142-100	MECH ASSY,PWR TERMINATION
5	1405-8158-200	PANEL,FRONT
6	1414-8150-200	COVER,POWER TERM
7	1050-0000-285	TAPE,1/2" WIDE
8	2803-0188-006	SCREW,4-40 X 3/16 PPHM
9	3900-8157-100	LENS,10OHM ITO,7.375 X 3.375
10	2803-1125-006	SCREW 4-40 X 1 1/8 PBHMS
11	2850-0000-008	NUT,HEX,REG PAT,4-40
12	2289-0001-001	CAP,TNC MALE W/CHAIN
13	2289-0001-002	CAP,BNC,MALE W/CHAIN
14	2403-8553-500	OVERLAY,TCAS-201-2
15	1400-8156-900	BRACKET,SHIELD SUPPORT
17	2800-0453-500	SPACER,.250 O.D,.125 I.D,.065L
18	6020-0063-200	TUBING,HS 1/16ID BLACK,UL
19	2840-8158-000	WASHER,.312OD,.151ID,.078THK
20	2840-8158-300	WASHER,.312OD,.151ID,.109THK
21	7010-8138-400	PCB ASSY,LCD DISPLAY,MOD
22	6004-6005-400	TY-RAP,4.0 LG
23	1414-0000-200	COVER,METAL LEMO BRC.2S.200NDS
24	2400-7856-800	LABEL,ESD
25	6050-0040-350	COAX ASSY,FLEXIBLE,RG 316/U
26	6043-1150-350	COAX ASSY CONFRML MSMA/MSMA
27	6043-1150-250	COAX ASSY,CONF,S M SMA/S M SMA
28	2289-0001-003	CAP,BNC M W/CHAIN 50 OHM TERM
29	2803-0375-006	SCREW,4-40 X 3/8 PPHM
30	2801-0188-006	SCREW 2-56 X 3/16 PPHMS
32	2800-8451-400	STANDOFF,HEX M-F.188*.40,4-40
33	2850-7894-800	NUT,FUSE HOLDER
35	2803-0625-006	SCREW,4-40 X 5/8 PPHM
36	2803-0313-006	SCREW,4-40 X 5/16 PPHM
37	2288-0000-006	CHAIN,#6 MOUNTING EYELET
41	2508-8157-700	SHIELD,FOIL
42	6004-7800-200	TY-RAP,#4 SCREW MOUNT,5.5L
43	1050-0000-170	TAPE,VINYL FOAM 3/4" 2-SIDED
45	1050-0000-288	PRIMER,ADHESIVE,LOCTITE N
46	1050-0000-289	ADHESIVE,THREADLOC,LOCTITE271
47	1050-0000-140	ADHESIVE
50	2111-0001-001	CLIP,ADHESIVE,.25 BUNDLE
51	6011-0042-000	TUBING,TF,18 AWG,NATURAL,SW
52	2850-0000-002	NUT,HEX,SMALL PAT,6-32
53	6012-0166-100	TUBING,PVC-105,6 AWG,CLEAR
54	6020-1000-200	TUBING,HS,1 ID,BLK
55	6020-1500-200	TUBING,HS,1 1/2ID,BLK
56	6004-6005-550	TY-RAP,5.5 LG
57	2831-0003-000	GROMMET,RBR BIK,.25 ID .56 OD
58	2845-0000-018	FINGERSTOCK,BECU,WALL CLIP-ON
59	2508-8158-500	SHIELD,DISPLAY
F1	5106-4501-000	FUSE,1.0A,250V,FAST,1.25 GL
F2	5106-4501-000	FUSE,1.0A,250V,FAST,1.25 GL

7005-8544-200
ASSY, FRONT PANEL (cont)
C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
FL1	2220-1021-100	CONN,PWR,FLTR AC,MALE RCPT
GL1	2850-0000-026	LUG,GND,6
J10053	2217-9011-700	CONN,LEMO RA2.310NYL
J10054	2123-0000-074	CONN,BLKHD JACK BNC FT MTG
J10055	2123-0000-074	CONN,BLKHD JACK BNC FT MTG
J10056	2123-0000-074	CONN,BLKHD JACK BNC FT MTG
J10057	2123-0000-074	CONN,BLKHD JACK BNC FT MTG
J10058	2123-0000-073	CONN,BLKHD JACK TNC FT MTG
RV12001	4800-0000-011	VARISTOR,SURGE PROTECTOR
W1	7007-8181-600	WIRE HARN ASSY,BACKLIGHT
W2	7007-8580-100	WIRE HARN ASSY,LINE SUPPLY
W3	6008-5009-007	WIRE,UL 600V 18GA,75,BLUE
W4	6008-5000-002	WIRE,CSA,600V,18GA,BROWN
W5	6008-9009-056	WIRE,UL,600V,16GA,GRN/YEL
W6	7007-8181-700	WIRE HARN ASSY,FT PNL COMM
W17	7007-8181-500	WIRE HARN ASSY,DISP-FP PULSE
XF1	5105-0000-100	FUSE HOLDER RF SHIELD 3AG
XF2	5105-0000-100	FUSE HOLDER RF SHIELD 3AG

7005-8544-200
ASSY, FRONT PANEL
D

Contains all parts shown in Revision C with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
7	1050-0000-302	TAPE,SCOTCH VHB 1/4" WIDE

Contains all parts shown in Revision C minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W1	7007-8181-600	WIRE HARN ASSY,BACKLIGHT

7005-8544-200
ASSY, FRONT PANEL
D1

Contains all parts shown in Revision D plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
F1	5106-0000-016	FUSE,0.5A,250V,FAST,1.25 GL
F2	5106-0000-016	FUSE,0.5A,250V,FAST,1.25 GL



7005-8544-200

ASSY, FRONT PANEL

E

Contains all parts shown in Revision D1 with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
13	2289-0001-006	CAP,BNC,MALE W/CABLE
28	2289-0001-007	CAP,BNC M W/CABLE 50 OHM TERM

7005-8540-100

ASSY, FRONT PANEL

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	7010-8131-700	PCB ASSY, VIDEO DETECTOR
2	7010-8532-300	PCB ASSY,FNT PNL LED,201-2
4	7005-8142-100	MECH ASSY, PWR TERMINATION
5	1405-8158-200	PANEL, FRONT
6	1414-8150-200	COVER,POWER TERM
7	1050-0000-302	TAPE, SCOTCH VHB 1/4" WIDE
8	2803-0188-006	SCREW,4-40 X 3/16 PPHM
9	3900-8157-100	LENS, 10OHM ITO, 7.375 X 3.375
10	2803-1125-006	SCREW 4-40 X 1 1/8 PBHMS
11	2850-0000-008	NUT,HEX,REG PAT,4-40
12	2289-0001-005	CAP,TNC MALE W/CABLE
13	2289-0001-006	CAP,BNC,MALE W/CABLE
14	2403-8553-500	OVERLAY, TCAS-201-2
16	2850-0000-020	NUT,HEX,SMALL PAT,4-40
17	2840-0000-008	WASHER,FLAT,4,AN960-C4
18	6020-0063-200	TUBING, HS 1/16ID BLACK UL
22	6004-6005-400	TY-RAP,4.0 LG
23	1414-0000-200	COVER,METAL LEMO BRC.2S.200NDS
25	6050-0040-350	COAX ASSY,FLEXIBLE,RG 316/U
26	6043-1150-350	COAX ASSY CONFRML MSMA/MSMA
27	6043-1150-250	COAX ASSY,CONF,S M SMA/S M SMA
28	2289-0001-007	CAP,BNC,M W/CABLE 50 OHM TERM
29	2803-0375-006	SCREW, 4-40 X 3/8 PPHM
30	2801-0188-006	SCREW 2-56 X 3/16 PPHMS
31	1051-5000-500	TAPE, ALUMINUM 1/2"
32	2818-3356-900	STANDOFF,.188HEX,M/S,.25LG
33	2850-7894-800	NUT, FUSE HOLDER
35	2803-0625-006	SCREW,4-40 X 5/8 PPHM
36	2803-0313-006	SCREW,4-40 X 5/16 PPHM
37	2288-0000-006	CHAIN,#6 MOUNTING EYELET
41	2508-8157-700	SHIELD, FOIL
42	6004-7800-200	TY-RAP,#4 SCREW MOUNT,5.5L
43	1050-0000-170	TAPE, VINYL FOAM 3/4" 2-SIDED
45	1050-0000-288	PRIMER,ADHESIVE,LOCTITE N
46	1050-0000-289	ADHESIVE,THREADLOC,LOCTITE271*
47	1050-0000-140	ADHESIVE,QUICK SET 404
48	1400-3556-800	BRACKET,DISPLAY SUPPORT
50	2111-0001-001	CLIP, ADHESIVE, .25 BUNDLE
51	6011-0042-000	TUBING,TF,18 AWG,NATURAL,SW
52	2850-0000-002	NUT,HEX,SMALL PAT,6-32
53	6012-0166-100	TUBING,PVC-105, 6 AWG,CLEAR
54	6020-1000-200	TUBING,HS, 1 ID, BLK
55	6020-1500-200	TUBING,HS,1 1/2ID,BLK
56	6004-6005-550	TY-RAP,5.5 LG
59	2508-3556-900	SHIELD,DISPLAY
A2	7010-3533-900	PCB ASSY,LCD DISPLAY,BACKLIGHT
F1	5106-0000-016	FUSE,.5AMP,250V,FAST,1.25GL
F1	5106-4501-000	FUSE,1.0AMP,250V,FAST,1.25GL
F2	5106-0000-016	FUSE,.5AMP,250V,FAST,1.25GL
F2	5106-4501-000	FUSE,1.0AMP,250V,FAST,1.25GL
FL1	2220-1021-100	CONN, PWR, FLTR AC, MALE RCPT

7005-8540-100
ASSY, FRONT PANEL (cont)
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
J10053	2217-9011-700	CONN,LEMO RA2.310NYL
J10054	2123-0000-074	CONN,BLKHD JACK BNC FT MTG
J10055	2123-0000-074	CONN,BLKHD JACK BNC FT MTG
J10056	2123-0000-074	CONN,BLKHD JACK BNC FT MTG
J10057	2123-0000-074	CONN,BLKHD JACK BNC FT MTG
J10058	2123-0000-073	CONN,BLKHD JACK TNC FT MTG
RV12001	4800-0000-011	VARISTOR,SURGE PROTECTOR
W2	7007-8580-100	WIRE HARN ASSY, LINE SUPPLY
W3	6008-5009-007	WIRE, UL 600V 18GA, 75,BLUE
W4	6008-5000-002	WIRE, CSA, 600V,18GA,BROWN
W5	6008-9009-056	WIRE,UL,600V,16GA,GRN/YEL
W6	7007-8181-700	WIRE HARN ASSY, FT PNL COMM
XF1	5105-0000-100	FUSE HOLDER RF SHIELD 3AG
XF2	5105-0000-100	FUSE HOLDER RF SHIELD 3AG

7005-8540-100
ASSY, FRONT PANEL
B

Contains all parts shown in Revision A.

7005-8540-100
ASSY, FRONT PANEL
C

Contains all parts shown in Revision B.

7005-8540-100
ASSY, FRONT PANEL
D

Contains all parts shown in Revision C with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
17	2840-0000-009	WASHER,FLAT,4,MS15795-803



7010-8131-700

PCB ASSY, VIDEO DETECTOR

D

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8121-700	PC BD,VIDEO DETECTOR
2	2400-7856-800	LABEL,ESD
C30001	1622-0030-001	CAP,3PF,50V,CHIP
C30002	1622-0100-001	CAP,10PF,100V,CHIP
CR30001	4816-0000-005	DIODE,HSMS-2800,SOT-23
CR30002	4816-0000-018	DIODE,SOT-23 PIN
CR30003	4816-0000-018	DIODE,SOT-23 PIN
J30043	2123-0000-054	CONN,RF SUB,SMA,PCB RTANG JACK
J30044	2200-2094-200	CONN,M SMB,PC MTG,RIGHT ANGLE
J30045	2115-0000-122	CONN,HDR SROW R.A.GOLD 3P .1"
J30061	2123-0000-054	CONN,RF SUB,SMA,PCB RTANG JACK
R30001	4722-1509-001	RES,15,1/8W,1%
R30002	4722-2219-001	RES,22.1,1/8W,1%
R30003	4722-2210-001	RES,221,1/8W,1%
R30004	4722-1829-001	RES,18.2,1/8W,1%
R30005	4722-3929-001	RES,39.2,1/8W,1%
R30006	4722-5119-001	RES,51.1,1/8W,1%
R30007	4722-5629-001	RES,56.2,1/8W,1%
R30008	4722-3320-001	RES,332,1/8W,1%
R30009	4722-1820-001	RES,182,1/8W,1%
R30010	4722-3929-001	RES,39.2,1/8W,1%
R30011	4722-6819-001	RES,68.1,1/8W,1%
R30012SAT	4722-3329-001	RES,33.2,1/8W,1%
R30012SAT	4722-3659-001	RES,36.5,1/8W,1%
R30012SAT	4722-4649-001	RES,46.4,1/8W,1%
R30012SAT	4722-5629-001	RES,56.2,1/8W,1%
R30012SAT	4722-6499-001	RES,64.9,1/8W,1%
R30012SAT	4722-7509-001	RES,75,1/8W,1%
R30013	4722-1002-001	RES,10.0K,1/8W,1%
R30014	4722-6819-001	RES,68.1,1/8W,1%

7010-8131-700
PCB ASSY, VIDEO DETECTOR
E

Contains all parts shown in Revision D minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	2400-7856-800	LABEL,ESD

Contains all parts shown in Revision D with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C30001	1622-0030-001T	CAP,3PF,50V,CHIP
C30002	1622-0100-001T	CAP,10PF,100V,CHIP
CR30001	4816-0000-005T	DIODE,HSMS-2800,SOT-23
CR30002	4816-0000-018T	DIODE,SOT-23 PIN
CR30003	4816-0000-018T	DIODE,SOT-23 PIN
R30001	4722-1509-001T	RES,15,1/8W,1%
R30002	4722-2219-001T	RES,22.1,1/8W,1%
R30003	4722-2210-001T	RES,221,1/8W,1%
R30004	4722-1829-001T	RES,18.2,1/8W,1%
R30005	4722-3929-001T	RES,39.2,1/8W,1%
R30006	4722-5119-001T	RES,51.1,1/8W,1%
R30007	4722-5629-001T	RES,56.2,1/8W,1%
R30008	4722-3320-001T	RES,332,1/8W,1%
R30009	4722-1820-001T	RES,182,1/8W,1%
R30010	4722-3929-001T	RES,39.2,1/8W,1%
R30011	4722-6819-001T	RES,68.1,1/8W,1%
R30012SAT	4722-3329-001T	RES,33.2,1/8W,1%
R30012SAT	4722-3659-001T	RES,36.5,1/8W,1%
R30012SAT	4722-4649-001T	RES,46.4,1/8W,1%
R30012SAT	4722-5629-001T	RES,56.2,1/8W,1%
R30012SAT	4722-6499-001T	RES,64.9,1/8W,1%
R30012SAT	4722-7509-001T	RES,75,1/8W,1%
R30013	4722-1002-001T	RES,10.0K,1/8W,1%
R30014	4722-6819-001T	RES,68.1,1/8W,1%

7010-8131-700
PCB ASSY, VIDEO DETECTOR
E1

Contains all parts shown in Revision E.

7010-8532-300
PCB ASSY, FRONT PANEL LED
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8120-300	PC BD,FT PNL LED
2	6004-6005-400	TY-RAP,4.0 LG
3	2800-8153-900	SPACER,LT.SENSOR 1/4" DELRIN
4	2114-0000-022	CONTACT,DCANT,CRIMP,22-30,TIN
CR13001	4950-0500-000	LED,RED,HLMP 3750
CR13002	4950-0500-000	LED,RED,HLMP 3750
CR13003	4818-0000-024	LED,BICOLOR,T-1 3/4
P25010	2115-0003-001	CONN,TERM HSING LCK,7-P
R13001	4723-0000-100	PHOTO RES,NSL-5150,TO-18
R13002	4701-0331-003	RES,330,1/8W,5%
R13003	4701-0331-003	RES,330,1/8W,5%
	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
	6003-0000-007	WIRE,HOOK,TFE,26GA,7S,BLUE
	6003-0000-013	WIRE,HOOK,TFE,26GA,7S,WHT/RED
	6003-0000-014	WIRE,HOOK,TFE,26GA,7S,WHT/ORG
	6003-0000-015	WIRE,HOOK,TFE,26GA,7S,WHT/YEL
	6003-0000-017	WIRE,HOOK,TFE,26GA,7S,WHT/BLU

7010-8532-300
PCB ASSY, FRONT PANEL LED
B

Contains all parts shown in Revision A minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
4	2114-0000-022	CONTACT,DCANT,CRIMP,22-30,TIN
	6003-0000-001	WIRE,HOOK,TFE,26GA,7S,BLACK
	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
	6003-0000-007	WIRE,HOOK,TFE,26GA,7S,BLUE
	6003-0000-013	WIRE,HOOK,TFE,26GA,7S,WHT/RED
	6003-0000-014	WIRE,HOOK,TFE,26GA,7S,WHT/ORG
	6003-0000-015	WIRE,HOOK,TFE,26GA,7S,WHT/YEL
	6003-0000-017	WIRE,HOOK,TFE,26GA,7S,WHT/BLU

Contains all parts shown in Revision A plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W13001	7007-8182-400	WIRE HARNESS ASSY,F.P.LED

7005-8142-100
ASSY, POWER TERMINATION
B2

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8122-100	PC BD,PWR TERMINATION
2	1415-8151-300	ENCL,BLK,POWER TERMINATION
3	2801-0156-006	SCREW,2-56 X 5/32 PPHM
4	2803-0250-006	SCREW,4-40 X 1/4 PPHM
5	2803-0250-002	SCREW,4-40X1/4,SHCSSS
J28028	2105-7610-100	CONN 2502-1201 AMERICON MOD 1
J28029	2105-7610-100	CONN 2502-1201 AMERICON MOD 1
R28001	4721-0510-003	RES,51,1/4W,5%,CHIP
R28002	5650-8100-100	TERMINATION,FLG MNT

7005-8142-100
ASSY, POWER TERMINATION
B3

Contains all parts shown in Revision B2.



7010-8138-400

PCB ASSY, LCD DISPLAY (MODIFIED)

A3

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	3107-8158-400	INSULATOR,DISPLAY #2
2	3107-8157-800	INSULATOR,DISPLAY
3	1050-0000-093	TAPE,KAPTON,3/8
4	2800-0000-039	SPCR,NYL.125OD,.047ID,.040LG
A1	7110-8138-400	LCD DISPLAY
A2	1700-8128-400	PC BD,LCD ADAPTER
J1	2115-0200-020	CONN,S.ROW,.120" RA HDR 20-P

7010-8138-400

PCB ASSY, LCD DISPLAY (MODIFIED)

B

Contains all parts shown in Revision A3 plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
5	2831-0003-000	GROMMET,RBR BIK,.25 ID .56 OD
6	6004-6005-400	TY-RAP,4.0 LG
W1	7007-8181-600	WIRE HARN ASSY, BACKLIGHT

7010-8138-400

PCB ASSY, LCD DISPLAY (MODIFIED)

C

Contains all parts shown in Revision B.



7010-3533-900

PCB ASSY, LCD DISPLAY (MODIFIED)

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	6004-6005-400	TY-RAP,4.0 LG
4	2400-7856-800	LABEL,ESD
A01	7110-3500-300	PURCHASED ASSY,LCD DISPLAY
W01	7007-8181-600	WIRE HARN ASSY, BACKLIGHT
W02	7007-3582-200	RBN CABLE ASSY,DISP-FP PULSE



7005-8545-500

ASSY, RF

A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1414-8150-400	COVER,SSB SOURCE
2	1414-8150-500	COVER,SSB MIXER
3	1414-8550-700	COVER, DETECTOR
4	7005-8540-200	MECH ASSY, SSB, TCAS-201
5	7005-8541-100	MECH ASSY, ANALOG IF
6	2803-1000-006	SCREW 4-40 X 1 PBHMS
7	2803-0250-006	SCREW,4-40 X 1/4 PPHM
8	7010-8132-200	PCB ASSY, DRIVER
9	6050-0041-130	COAX ASSY,316,R F SMB/R F SMB
10	6050-0560-400	COAX ASSY,316,RM SMA/RF SMB
11	1414-8153-100	COVER, ANALOG IF
14	7005-8541-000	MECH ASSY, DETECTOR
15	6050-0040-870	COAX ASSY,316,R F SMB/R F SMB
16	2803-1750-006	SCREW, 4-40 X 1.75 PPHM
17	2400-7856-800	LABEL,ESD
18	1414-8550-200	COVER,DECODER
19	7005-8541-300	MECH,ASSY DECODER
20	6050-0040-300	COAX ASSY,316,R F SMB/R F SMB
21	2803-0750-006	SCREW,4-40 X 3/4 PPHM
22	6004-6005-400	TY-RAP,4.0 LG

7005-8545-500

ASSY, RF

B

Contains all parts shown in Revision A minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1414-8150-400	COVER,SSB SOURCE
2	1414-8150-500	COVER,SSB MIXER



7010-8132-200

PCB ASSY, DRIVER

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8122-200	PC BD, DRIVER
2	2400-7856-800	LABEL,ESD
C20001	1506-0470-017	CAP,47PF,100V,NPO
C20002	1506-0470-017	CAP,47PF,100V,NPO
C20003	1506-0470-017	CAP,47PF,100V,NPO
C20006	1506-0680-017	CAP,68PF,100V,5%,NPO
C20007	1507-0105-018	CAP,1UF,35V,20%,TANT
C20008	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C20009	1508-0157-020	CAP,150UF,15V,TANT,RDL
C20012	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C20013	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C20014	1605-3360-475	CAP,30UF,16V,TANT,RDL
C20015	1508-0476-018	CAP,47UF,35V,TANT,RDL
C20016	1580-1000-200	CAP,10UF,25V,ELE,RDL
C20017	1506-0101-017	CAP,100PF,100V,5%,NPO
J17021	2129-1001-016	CONN,RBN CA 16-P .1X.1GRD HDR
J17022	2115-0002-003	CONN,HEADER,LCK GOLD,7-P
J17023	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J17024	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
J17027	2115-2000-003	CONN,HDR LKING AG,3-P
J20025	2115-0005-012	CONN,LKING HEADER 12-P GOLD
J20026	2115-0005-012	CONN,LKING HEADER 12-P GOLD
J20062	2115-0005-004	CONN,LKING HEADER 4-P GOLD
Q20001	4809-0000-030	TRANS,LM394 NPN
Q20002	4809-0000-030	TRANS,LM394 NPN
Q20003	4807-0000-001	TRANS,2N3903,NPN HS SW
Q20005	4807-0000-001	TRANS,2N3903,NPN HS SW
R20001	4702-0472-003	RES,4.7K,1/4W,5%
R20002	4701-0824-003	RES,820K,1/8W,5%
R20003	4701-0103-003	RES,10K,1/8W,5%
R20004	4701-0104-003	RES,100K,1/8W,5%
R20005	4701-0473-003	RES,47K,1/8W,5%
R20006	4701-0392-003	RES,3.9K,1/8W,5%
R20007	4706-1000-001	RES,100,1/4W,1%
R20008	4701-0222-003	RES,2.2K,1/8W,5%
R20009	4753-0503-002	POT 50K OHM
R20010	4753-0204-002	POT 200K OHM
R20011	4701-0222-003	RES,2.2K,1/8W,5%
R20012	4701-0223-003	RES,22K,1/8W,5%
R20013	4701-0222-003	RES,2.2K,1/8W,5%
R20014	4702-0222-003	RES,2.2K,1/4W,5%
R20015	4706-1000-001	RES,100,1/4W,1%
R20016	4753-0502-002	POT 5K OHM
R20017	4701-0103-003	RES,10K,1/8W,5%
R20018	4701-0222-003	RES,2.2K,1/8W,5%
R20019	4753-0503-002	POT 50K OHM
R20020	4756-2510-400	POT 100K OHM
R20021	4701-0471-003	RES,470,1/8W,5%
R20024	4702-0470-003	RES,47,1/4W,5%
R20025	4702-0470-003	RES,47,1/4W,5%
R20026	4702-0121-003	RES,120,1/4W,5%



7010-8132-200

PCB ASSY, DRIVER (cont)

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R20027	4702-0121-003	RES,120,1/4W,5%
R20029	4756-3110-300	POT,10K OHM
R20030	4702-0273-003	RES,27K,1/4W,5%
R20032	4753-0503-002	POT 50K OHM
R20033	4701-0184-003	RES,180K,1/8W,5%
R20034	4701-0474-003	RES,470K,1/8W,5%
R20035	4706-2802-001	RES,28.0K,1/4W,1%
R20036	4706-2003-001	RES,200K,1/4W,1%
R20040	4701-0822-003	RES,8.2K,1/8W,5%
R20041	4701-0103-003	RES,10K,1/8W,5%
R20042	4701-0103-003	RES,10K,1/8W,5%
R20043	4701-0103-003	RES,10K,1/8W,5%
R20044	4701-0103-003	RES,10K,1/8W,5%
R20046	4701-0272-003	RES,2.7K,1/8W,5%
R20047	4701-0183-003	RES,18K,1/8W,5%
R20048	4706-2051-001	RES,2.05K,1/4W,1%
R20049	4706-2611-001	RES,2.61K,1/4W,1%
R20050	4701-0100-003	RES,10,1/8W,5%
R20051	4701-0152-003	RES,1.5K,1/8W,5%
R20052	4701-0273-003	RES,27K,1/8W,5%
R20053	4701-0100-003	RES,10,1/8W,5%
R20054	4752-0503-002	POT 50K OHM
R20055	4701-0184-003	RES,180K,1/8W,5%
R20056	4702-0471-003	RES,470,1/4W,5%
RT20002	4800-0000-003	THERM,2KOHM,25/125=19.8,2H-202
TP20001	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
U20001	3135-0000-080	IC,JFET-INPUT OP AMP
U20002	3135-0000-080	IC,JFET-INPUT OP AMP
U20003	3135-0000-080	IC,JFET-INPUT OP AMP
U20005	3132-0300-001	IC,QUAD 2-INPUT NAND GATE
U20006	3132-0300-001	IC,QUAD 2-INPUT NAND GATE
U20007	3133-0000-024	IC,3130,BIMOS OP AMP,PLAST DIP
U20008	3224-0009-000	IC,2931,ADJ 3V-24V REGULATOR

7010-8132-200

PCB ASSY, DRIVER

C

Contains all parts shown in Revision B plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W20001	1050-0000-073 6011-0027-001	WIRE,BUS,TINNED COPPER,22GA TUBING,TF,22 AWG,NATURAL,TW

7005-8541-000

ASSY, DETECTOR

B

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	7010-8531-000	PCB ASSY, DETECTOR
2	1415-8553-000	ENCLOSURE, DETECTOR
3	2803-0188-006	SCREW,4-40 X 3/16 PPHM
4	6004-6005-400	TY-RAP,4.0 LG
7	2840-7600-229	WASHER,ALUM, .305D, .196ID, .038T
FL32012	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL32013	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL32014	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
GL32003	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING
J17030	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J17031	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J17064	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J32032	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J32067	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
W1	7007-8182-200	WH ASSY, DETECTOR-DRIVER
W2	7007-8580-500	WH ASSY, DECODER-DETECTOR

7010-8531-000

PCB ASSY, DETECTOR

C3

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8521-000	PC BD,DETECTOR
2	2400-7856-800	LABEL,ESD
3	6011-0022-001	TUBING,TF,24 AWG,NATURAL,TW
C21001	1622-0331-001	CAP,330PF,50V,CHIP
C21002	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21003	1618-0105-016	CAP,1UF,16V,TANT,SMD
C21004	1622-0331-001	CAP,330PF,50V,CHIP
C21005	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21006	1622-0331-001	CAP,330PF,50V,CHIP
C21007	1618-0105-016	CAP,1UF,16V,TANT,SMD
C21008	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21009	1618-0105-016	CAP,1UF,16V,TANT,SMD
C21010	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21011	1618-0224-016	CAP,0.22UF,16V,TANT,SMD
C21012	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21013	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21014	1618-0105-016	CAP,1UF,16V,TANT,SMD
C21015	1622-0150-001	CAP,15PF,100V
C21016	1618-0105-016	CAP,1UF,16V,TANT,SMD
C21017	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21018	1622-0680-001	CAP,68PF,100V,CHIP
C21019	1622-0391-001	CAP,390PF,100V,CHIP
C21020	1622-0330-001	CAP,33PF,100V,CHIP
C21021	1622-0821-001	CAP,820PF,50V,CHIP
C21022	1622-0680-001	CAP,68PF,100V,CHIP
C21023	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21024	1622-0121-001	CAP,120PF,100V,CHIP,NPO
C21025	1622-0391-001	CAP,390PF,100V,CHIP
C21026	1622-0390-001	CAP,39PF,100V,CHIP
C21027	1622-0561-001	CAP,560PF,100V,CHIP
C21028	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C21029	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21030	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21031	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21032	1622-0150-001	CAP,15PF,100V
C21033	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21034	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C21035	1622-0560-001	CAP,56PF,50V,CHIP
C21036	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21037	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21038	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21039	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21040	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C21041	1622-0101-001	CAP,100PF,50V,CHIP
C21042	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
CR21001	4816-0000-008	DIODE,SCHOTTKY GEN PURPOSE
CR21002	4816-0000-008	DIODE,SCHOTTKY GEN PURPOSE
CR21003	4816-0000-008	DIODE,SCHOTTKY GEN PURPOSE
CR21004	4816-0000-019	DIODE,SCHOTTKY BARRIER
CR21005	4816-0000-005	DIODE,HSMS-2800,SOT-23
CR21006	4816-0000-005	DIODE,HSMS-2800,SOT-23



7010-8531-000

PCB ASSY, DETECTOR (cont)

C3

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
L21001	1811-6103-101	IND,SM,10UH 10% F 1008
L21002	1811-6103-101	IND,SM,10UH 10% F 1008
L21003	1811-6562-101	IND,SM,5.6UH 10% F 1008
L21004	1811-6562-101	IND,SM,5.6UH 10% F 1008
L21005	1811-6562-101	IND,SM,5.6UH 10% F 1008
L21006	1811-6561-001	IND,SM,.56UH 10% C 1008
L21007	1811-6122-001	IND,SM,1.2UH 10% C 1008
L21008	1811-6681-001	IND,SM,.68UH 10% C 1008
L21009	1811-6122-001	IND,SM,1.2UH 10% C 1008
L21010	1811-6222-001	IND,SM,2.2UH 10% C 1008
Q21001	4809-0000-014	TRANS,MMBTH10,VHF/UHF NPN
Q21002	4809-0000-014	TRANS,MMBTH10,VHF/UHF NPN
Q21003	4809-0000-014	TRANS,MMBTH10,VHF/UHF NPN
Q21004	4809-0000-023	TRANS NPN RF AMPLR SOT-23
Q21005	4809-0000-021	TRANS,3904,NPN,SMD
Q21006	4809-0000-021	TRANS,3904,NPN,SMD
Q21007	4809-0000-023	TRANS NPN RF AMPLR SOT-23
Q21008	4809-0000-021	TRANS,3904,NPN SMD
Q21009	4809-0000-021	TRANS,3904,NPN SMD
R21001	4722-1000-001	RES,100,1/8W,1%
R21002	4722-1502-001	RES,15.0K,1/8W,1%
R21003	4722-8251-001	RES,8.25K,1/8W,1%
R21004	4722-4750-001	RES,475,1/8W,1%
R21005	4722-3920-001	RES,392,1/8W,1%
R21006	4722-1502-001	RES,15.0K,1/8W,1%
R21007	4722-4751-001	RES,4.75K,1/8W,1%
R21008	4722-1000-001	RES,100,1/8W,1%
R21009	4722-1502-001	RES,15.0K,1/8W,1%
R21010	4722-8251-001	RES,8.25K,1/8W,1%
R21011	4722-4750-001	RES,475,1/8W,1%
R21012	4722-3920-001	RES,392,1/8W,1%
R21013	4722-1502-001	RES,15.0K,1/8W,1%
R21014	4722-4751-001	RES,4.75K,1/8W,1%
R21015	4722-1000-001	RES,100,1/8W,1%
R21016	4722-1502-001	RES,15.0K,1/8W,1%
R21017	4722-8251-001	RES,8.25K,1/8W,1%
R21018	4722-1821-001	RES,1.82K,1/8W,1%
R21019	4722-3920-001	RES,392,1/8W,1%
R21020	4722-4751-001	RES,4.75K,1/8W,1%
R21021	4722-1502-001	RES,15.0K,1/8W,1%
R21022	4722-2211-001	RES,2.21K,1/8W,1%
R21023	4722-2211-001	RES,2.21K,1/8W,1%
R21024	4722-4759-001	RES,47.5,1/8W,1%
R21025	4722-3650-001	RES,365,1/8W,1%
R21026	4722-3920-001	RES,392,1/8W,1%
R21027	4722-5629-001	RES,56.2,1/8W,1%
R21028	4722-3329-001	RES,33.2,1/8W,1%
R21029	4722-3650-001	RES,365,1/8W,1%
R21030	4722-1503-001	RES,150K,1/8W,1%
R21031	4722-1002-001	RES,10.0K,1/8W,1%
R21032	4722-3921-001	RES,3.92K,1/8W,1%

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PCB ASSY, DETECTOR (cont)

C3

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R21033	4722-3321-001	RES,3.32K,1/8W,1%
R21034	4722-3320-001	RES,332,1/8W,1%
R21035	4722-1500-001	RES,150,1/8W,1%
R21036	4722-4759-001	RES,47.5,1/8W,1%
R21037	4722-3320-001	RES,332,1/8W,1%
R21038	4722-4649-001	RES,46.4,1/8W,1%
R21039	4722-4320-001	RES,432,1/8W,1%
R21040	4722-1500-001	RES,150,1/8W,1%
R21041	4722-4759-001	RES,47.5,1/8W,1%
R21042	4722-2740-001	RES,274,1/8W,1%
R21043	4722-1500-001	RES,150,1/8W,1%
R21044	4722-4649-001	RES,46.4,1/8W,1%
R21045	4722-2210-001	RES,221,1/8W,1%
R21046	4722-6811-001	RES,6.81K,1/8W,1%
R21047	4722-1002-001	RES,10.0K,1/8W,1%
R21048	4749-0503-005	POT,SMD,50K OHM
R21049	4722-2211-001	RES,2.21K,1/8W,1%
R21050	4722-2210-001	RES,221,1/8W,1%
R21051	4722-1000-001	RES,100,1/8W,1%
R21052	4722-2211-001	RES,2.21K,1/8W,1%
R21053	4722-2210-001	RES,221,1/8W,1%
R21054	4722-1001-001	RES,1.0K,1/8W,1%
R21055	4722-2210-001	RES,221,1/8W,1%
R21056	4722-3929-001	RES,39.2,1/8W,1%
R21057	4722-3929-001	RES,39.2,1/8W,1%
R21058	4749-0103-005	POT,SMD,10K OHM
R21059	4722-2210-001	RES,221,1/8W,1%
R21060	4722-3653-001	RES,365K,1/8W,1%
R21061	4722-1403-001	RES,140K,1/8W,1%
R21062	4722-6811-001	RES,6.81K,1/8W,1%
R21063	4722-1651-001	RES,1.65K,1/8W,1%
R21064	4722-8250-001	RES,825,1/8W,1%
R21065	4722-1002-001	RES,10.0K,1/8W,1%
RT21001	4800-0000-003	THERM,2KOHM,25/125=19.8,2H-202
T21001	5604-8100-001	TRANSFORMER,4:1RF .2-350MHZ
U21001	3223-0219-000	IC,HI SPEED DUAL CONP.,INDL
U21002	3210-7474-000	IC,DUAL D-TYPE FLIP-FLOP
U21003	3210-7400-000	IC,QUAD 2-INPUT NAND GATE
U21004	3223-0219-000	IC,HI SPEED DUAL CONP.,INDL



7005-8541-100

ASSY, ANALOG IF

D1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1415-8150-600	ENCLOSURE,ANALOG IF
2	7010-8531-100	PCB ASSY,ANALOG IF
3	2803-0188-006	SCREW,4-40 X 3/16 PPHM
4	6004-6005-400	TY-RAP,4.0 LG
5	2840-7600-229	WASHER,ALUM, .305D, .196ID, .038T
6	2114-0000-022	CONTACT,DCANT,CRIMP,22-30,GOLD
7	2127-9900-100	KEY,POLARIZIN
8	6010-0125-100	TUBING,HS,1/8 ID,CLEAR
FL19001	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL19002	1526-0000-006	CAP,100PF,200V,FEEDTHRU
FL19003	1526-0000-006	CAP,100PF,200V,FEEDTHRU
FL19004	1526-0000-006	CAP,100PF,200V,FEEDTHRU
FL19005	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL19006	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL19007	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL19008	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL19010	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL19011	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
GL19001	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING
J17034	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J17035	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J19033	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J19036	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J19060	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
P20025	2115-0004-012	CONN,LKING TERM HOUSING 12-P
	6002-0000-001	WIRE,HOOK,TFE,22GA,7S,BLACK
	6002-0000-003	WIRE,HOOK,TFE,22GA,7S,RED
	6003-0000-003	WIRE,HOOK,TFE,26GA,7S,RED
	6003-0000-004	WIRE,HOOK,TFE,26GA,7S,ORANGE
	6003-0000-012	WIRE,HOOK,TFE,26GA,7S,WHT/BRN
	6003-0000-013	WIRE,HOOK,TFE,26GA,7S,WHT/RED
	6003-0000-014	WIRE,HOOK,TFE,26GA,7S,WHT/ORG
	6003-0000-015	WIRE,HOOK,TFE,26GA,7S,WHT/YEL
	6003-0000-016	WIRE,HOOK,TFE,26GA,7S,WHT/GRN
	6003-0000-017	WIRE,HOOK,TFE,26GA,7S,WHT/BLU
	6003-0000-018	WIRE,HOOK,TFE,26GA,7S,WHT/VIO
	6003-0000-019	WIRE,HOOK,TFE,26GA,7S,WHT/GRY



7005-8541-100

ASSY, ANALOG IF

E

Contains all parts shown in Revision D1 with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
4	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING
6	6004-6005-400	TY-RAP,4.0 LG
7	6010-0188-100	TUBING,HS,3/16 ID,CLEAR

Contains all parts shown in Revision D1 minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
8	6010-0125-100	TUBING,HS,1/8 ID,CLEAR
GL19002	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING

Contains all parts shown in Revision D1 plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W19001	7007-8182-300	WIRE HARN ASSY,ANALOG IF

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ASSY, ANALOG IF

F

Contains all parts shown in Revision E plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W19002	6008-3000-003	WIRE,UL1213,22GA,7X30,RED



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PCB ASSY, ANALOG IF

E

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8121-100	PC BD,ANALOG IF
2	4835-0000-012	PAD,MTG,TO-5 TRANS,511-038
3	2400-7856-800	LABEL,ESD
5	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
C22001	1506-0103-017	CAP,0.01UF,100V,NPO
C22002	1506-0330-017	CAP,33PF,100V,5%,NPO
C22003	1506-0270-017	CAP,27PF,100V,5%,NPO
C22004	1550-0006-500	CAP VAR,18415,NPO,S.ADJ
C22005	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22006	1506-0151-017	CAP,150PF,100V,5%,NPO
C22007	1506-0151-017	CAP,150PF,100V,5%,NPO
C22008	1506-0101-017	CAP,100PF,100V,5%,NPO
C22009	1506-0103-017	CAP,0.01UF,100V,NPO
C22010	1506-0103-017	CAP,0.01UF,100V,NPO
C22011	1506-0101-017	CAP,100PF,100V,5%,NPO
C22012	1506-0101-017	CAP,100PF,100V,5%,NPO
C22013	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22014	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22015	1506-0103-017	CAP,0.01UF,100V,NPO
C22016	1506-0331-017	CAP,330PF,100V,5%,NPO
C22017	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22018	1506-0681-017	CAP,680PF,100V,5%,NPO
C22019	1506-0681-017	CAP,680PF,100V,5%,NPO
C22020	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C22021	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22022	1506-0680-017	CAP,68PF,100V,5%,NPO
C22023	1506-0020-017	CAP,2.2PF,100V,NPO,25
C22024	1506-0680-017	CAP,68PF,100V,5%,NPO
C22025	1506-0680-017	CAP,68PF,100V,5%,NPO
C22026	1506-0220-017	CAP,22PF,100V,5%,NPO
C22027	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22028	1506-0103-017	CAP,0.01UF,100V,NPO
C22029	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22030	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22031	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22032	1506-0103-017	CAP,0.01UF,100V,NPO
C22033	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22034	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C22035	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22036	1506-0181-017	CAP,180PF,100V,5%,NPO
C22037	1506-0101-017	CAP,100PF,100V,5%,NPO
C22038	1506-0181-017	CAP,180PF,100V,5%,NPO
C22039	1506-0331-017	CAP,330PF,100V,5%,NPO
C22040	1506-0181-017	CAP,180PF,100V,5%,NPO
C22041	1506-0101-017	CAP,100PF,100V,5%,NPO
C22042	1506-0181-017	CAP,180PF,100V,5%,NPO
C22043	1506-0101-017	CAP,100PF,100V,5%,NPO
C22044	1506-0103-017	CAP,0.01UF,100V,NPO
C22045	1506-0101-017	CAP,100PF,100V,5%,NPO
C22046	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22047	1506-0103-017	CAP,0.01UF,100V,NPO

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PCB ASSY, ANALOG IF (cont)

E

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C22048	1506-0390-017	CAP,39PF,100V,5%,NPO
C22049	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22050	1506-0101-017	CAP,100PF,100V,5%,NPO
C22051	1506-0103-017	CAP,0.01UF,100V,NPO
C22052	1506-0390-017	CAP,39PF,100V,5%,NPO
C22053	1506-0101-017	CAP,100PF,100V,5%,NPO
C22055	1550-0006-500	CAP,VAR,18415,NPO,S.ADJ
C22056	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22057	1506-0103-017	CAP,0.01UF,100V,NPO
C22058	1506-0103-017	CAP,0.01UF,100V,NPO
C22059	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22060	1506-0181-017	CAP,180PF,100V,5%,NPO
C22061	1506-0101-017	CAP,100PF,100V,5%,NPO
C22062	1506-0181-017	CAP,180PF,100V,5%,NPO
C22063	1506-0331-017	CAP,330PF,100V,5%,NPO
C22064	1506-0181-017	CAP,180PF,100V,5%,NPO
C22065	1506-0101-017	CAP,100PF,100V,5%,NPO
C22066	1506-0181-017	CAP,180PF,100V,5%,NPO
C22067	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22068	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C22069	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22070	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22071	1506-0103-017	CAP,0.01UF,100V,NPO
C22072	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22073	1506-0103-017	CAP,0.01UF,100V,NPO
C22074	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22076	1506-0102-017	CAP,1000PF,100V,5%,NPO
C22077	1506-0103-017	CAP,0.01UF,100V,NPO
C22079	1507-0105-018	CAP,1UF,35V,20%,TANT
C22080	1622-0020-001	CAP,2PF,50V,CHIP
C22081	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C22082	1622-0220-001	CAP,20PF,100V,NPO,CHIP
CR22001	3223-0006-000	IC,PRECISION TEMP SENSOR
CR22002	4826-0000-015	DIODE,VARAC 25PF/-3V AXIAL
CR22003	4815-0000-003	DIODE,1N4148,SIGNAL, 75PRV
CR22004	4816-0000-001	DIODE,5082-2800,S BAR, 70VBR
CR22005	4816-0000-001	DIODE,5082-2800,S BAR, 70VBR
CR22006	4816-0000-003	DIODE,5082-2835,S-BAR 8 VBR
CR22007	4816-0000-003	DIODE,5082-2835,S-BAR 8 VBR
CR22008	4815-0000-003	DIODE, 1N4148,SIGNAL, 75PRV
CR22009	4815-0000-003	DIODE, 1N4148,SIGNAL, 75PRV
CR22010	4815-0000-003	DIODE, 1N4148,SIGNAL, 75PRV
CR22011	4815-0000-003	DIODE, 1N4148,SIGNAL, 75PRV
CR22012	4816-0000-003	DIODE,5082-2835,S-BAR 8 VBR
CR22013	4816-0000-003	DIODE,5082-2835,S-BAR 8 VBR
L22001	1801-0479-001	IND,4.7 UH,1.2OHM
L22002	1801-0828-001	IND,.82UH.85OHM,1025-18
L22003	1808-8100-001	IND,.10UH VAR,INDL
L22004	1801-0229-001	IND,2.2 UH,.4 OHM,1025-28
L22005	1808-8100-001	IND,.10UH VAR,INDL
L22006	1801-0478-001	IND,.47UH,.35OHM,1025-12



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PCB ASSY, ANALOG IF (cont)

E

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
L22007	1808-8100-001	IND,.10UH VAR,INDL
L22008	1801-0228-001	IND,.22UH,.14OHM,1025-04
L22009	1801-0010-001	IND,10UH,3.7OHM,1025-44
L22010	1801-0128-003	IND,.12UH,.09OHM,1025-96
L22011	1801-0398-001	IND,.39 UH .30 OHM,1025-10
L22012	1801-0338-001	IND,.33UH,.2 OHM,1025-08
L22013	1801-0108-001	IND,.10UH,.08OHM,1025-94
L22015	1801-0229-001	IND,2.2 UH,.4 OHM,1025-28
L22018	1801-0010-001	IND,10UH,3.7OHM,1025-44
L22019	1801-0101-001	IND,100UH, 8 OHM,1025-68
L22020	1801-0828-001	IND,.82UH.85OHM,1025-18
L22021	1801-0010-001	IND,10UH,3.7OHM,1025-44
L22022	1801-0101-001	IND,100UH, 8 OHM,1025-68
L22023	1801-0828-001	IND,.82UH.85OHM,1025-18
L22024	1801-0010-001	IND,10UH,3.7OHM,1025-44
L22025	1801-0010-001	IND,10UH,3.7OHM,1025-44
L22026	1801-0568-100	IND,.56UH,.5 OHM,1025-14
L22027	1800-8181-200	INDUCTOR ASSY, ANALOG IF
L22028	1801-0568-100	IND,.56UH,.5 OHM,1025-14
L22029	1801-0108-001	IND,.10UH,.08OHM,1025-94
L22030	1801-0338-001	IND,.33UH,.2 OHM,1025-08
L22031	1801-0398-001	IND,.39 UH .30 OHM,1025-10
L22032	1801-0128-003	IND,.12UH,.09OHM,1025-96
L22033	1801-0479-001	IND,4.7 UH,1.2OHM
L22034	1801-0688-001	IND,.68UH,.6 OHM,1025-16
MXR22001	5250-0100-100	MIXER,RF,DBL BAL,1-500MHZ
Q22001	4809-0100-100	TRANS,55100,NPN HF AMP
Q22002	4807-0000-001	TRANS,2N3903,NPN HS SW
Q22003	4807-0000-001	TRANS, 2N3903,NPN HS SW
Q22004	4809-0100-100	TRANS,55100,NPN HF AMP
Q22005	4809-0100-100	TRANS,55100,NPN HF AMP
Q22006	4803-0000-003	TRANS,2N5109,NPN PWR HF AMP
Q22007	4803-0000-003	TRANS,2N5109,NPN PWR HF AMP
Q22008	4809-0100-100	TRANS,55100,NPN HF AMP
Q22009	4803-0000-003	TRANS,2N5109,NPN PWR HF AMP
Q22010	4803-0000-003	TRANS,2N5109,NPN PWR HF AMP
Q22011	4809-0100-100	TRANS,55100,NPN HF AMP
Q22012	4809-0100-100	TRANS,55100,NPN HF AMP
Q22013	4809-0100-100	TRANS,55100,NPN HF AMP
Q22014	4809-0100-100	TRANS,55100,NPN HF AMP
R22001	4752-2103-002	POT,10K OHM S.ADJ MULTI-TURN
R22002	4701-0103-003	RES,10K,1/8W,5%
R22003	4701-0154-003	RES,150K,1/8W,5%
R22004	4701-0822-003	RES,8.2K,1/8W,5%
R22005	4701-0152-003	RES,1.5K,1/8W,5%
R22006	4701-0180-003	RES,18,1/8W,5%
R22007	4701-0122-003	RES,1.2K,1/8W,5%
R22008	4701-0153-003	RES,15K,1/8W,5%
R22009	4701-0822-003	RES,8.2K,1/8W,5%
R22010	4701-0151-003	RES,150,1/8W,5%
R22011	4701-0152-003	RES,1.5K,1/8W,5%



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PCB ASSY, ANALOG IF (cont)

E

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R22012	4701-0561-003	RES,560,1/8W,5%
R22013	4701-0332-003	RES,3.3K,1/8W,5%
R22014	4701-0332-003	RES,3.3K,1/8W,5%
R22015	4701-0101-003	RES,100,1/8W,5%
R22016	4701-0101-003	RES,100,1/8W,5%
R22017	4701-0471-003	RES,470,1/8W,5%
R22018	4701-0102-003	RES,1.0K,1/8W,5%
R22019	4701-0472-003	RES,4.7K,1/8W,5%
R22020	4701-0101-003	RES,100,1/8W,5%
R22021	4701-0221-003	RES,220,1/8W,5%
R22022	4701-0223-003	RES,22K,1/8W,5%
R22023	4701-0683-003	RES,68K,1/8W,5%
R22024	4701-0270-003	RES,27,1/8W,5%
R22025	4701-0220-003	RES,22,1/8W,5%
R22026	4701-0101-003	RES,100,1/8W,5%
R22027	4701-0121-003	RES,120,1/8W,5%
R22028	4701-0332-003	RES,3.3K,1/8W,5%
R22029	4701-0821-003	RES,820,1/8W,5%
R22030	4701-0101-003	RES,100,1/8W,5%
R22031	4701-0101-003	RES,100,1/8W,5%
R22032	4701-0220-003	RES,22,1/8W,5%
R22033	4701-0392-003	RES,3.9K,1/8W,5%
R22034	4701-0152-003	RES,1.5K,1/8W,5%
R22035	4701-0100-003	RES,10,1/8W,5%
R22036	4701-0680-003	RES,68,1/8W,5%
R22037	4701-0103-003	RES,10K,1/8W,5%
R22038	4701-0103-003	RES,10K,1/8W,5%
R22039	4701-0103-003	RES,10K,1/8W,5%
R22040	4701-0391-003	RES,390,1/8W,5%
R22041	4701-0560-003	RES,56,1/8W,5%
R22042	4701-0220-003	RES,22,1/8W,5%
R22043	4701-0220-003	RES,22,1/8W,5%
R22044	4701-0680-003	RES,68,1/8W,5%
R22045	4701-0333-003	RES,33K,1/8W,5%
R22046	4701-0151-003	RES,150,1/8W,5%
R22047	4701-0330-003	RES,33,1/8W,5%
R22048	4701-0560-003	RES,56,1/8W,5%
R22049	4753-0501-002	POT 500 OHM
R22050	4701-0220-003	RES,22,1/8W,5%
R22051	4701-0222-003	RES,2.2K,1/8W,5%
R22052	4701-0331-003	RES,330,1/8W,5%
R22053	4701-0561-003	RES,560,1/8W,5%
R22054	4701-0680-003	RES,68,1/8W,5%
R22055	4701-0510-003	RES,51,1/8W,5%
R22056	4701-0471-003	RES,470,1/8W,5%
R22057	4701-0152-003	RES,1.5K,1/8W,5%
R22058	4701-0221-003	RES,220,1/8W,5%
R22059	4701-0270-003	RES,27,1/8W,5%
R22060	4701-0331-003	RES,330,1/8W,5%
R22061	4701-0151-003	RES,150,1/8W,5%
R22062	4753-0201-002	POT 200 OHM



7010-8531-100

PCB ASSY, ANALOG IF (cont)

E

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R22063	4701-0391-003	RES,390,1/8W,5%
R22064	4701-0680-003	RES,68,1/8W,5%
R22065	4701-0331-003	RES,330,1/8W,5%
R22066	4701-0473-003	RES,47K,1/8W,5%
R22067	4701-0220-003	RES,22,1/8W,5%
R22068	4701-0562-003	RES,5.6K,1/8W,5%
R22069	4701-0122-003	RES,1.2K,1/8W,5%
R22070	4701-0331-003	RES,330,1/8W,5%
R22071	4701-0101-003	RES,100,1/8W,5%
R22072	4701-0560-003	RES,56,1/8W,5%
R22073	4753-0501-002	POT 500 OHM
R22074	4701-0331-003	RES,330,1/8W,5%
R22075	4701-0333-003	RES,33K,1/8W,5%
R22076	4701-0331-003	RES,330,1/8W,5%
R22077	4701-0101-003	RES,100,1/8W,5%
R22078	4701-0392-003	RES,3.9K,1/8W,5%
R22079	4701-0821-003	RES,820,1/8W,5%
R22080	4701-0820-003	RES,82,1/8W,5%
R22082	4701-0270-003	RES,27,1/8W,5%
R22083	4701-0510-003	RES,51,1/8W,5%
R22084	4701-0390-003	RES,39,1/8W,5%
R22085	4701-0101-003	RES,100,1/8W,5%
R22086	4701-0471-003	RES,470,1/8W,5%
R22087	4702-0331-003	RES,330,1/4W,5%
R22088	4702-0152-003	RES,1.5K,1/4W,5%
R22089	4702-0222-003	RES,2.2K,1/4W,5%
R22090	4701-0330-003	RES,33,1/8W,5%
R22091	4701-0560-003	RES,56,1/8W,5%
R22092	4701-0151-003	RES,150,1/8W,5%
R22094	4701-0102-003	RES,1.0K,1/8W,5%
R22095	4701-0153-003	RES,15K,1/8W,5%
R22096	4701-0479-003	RES,4.7,1/8W,5%
RT22001	4800-0101-003	THERM,100 OHM,25/125 19.38
RT22002	4800-0101-003	THERM,100 OHM,25/125 19.38
TP22001	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP22002	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
TP22003	2200-2010-400	CONN,M SMB,PC MTG,STR,.453LG
U22001	3132-0300-002	IC,DUAL FLIP-FLOP SET,RESET
Y22001	2363-0134-000	XTAL,10.000000MHZ HC-43/U INDL



7010-8531-100

PCB ASSY, ANALOG IF (cont)

F

Contains all parts shown in Revision E with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C22080SAT	1523-0000-014	CAP,3PF,50V,NPO,CHIP
C22080SAT	1620-1090-511	CAP,1PF,50V,CHIP
C22080SAT	1620-2090-510	CAP,2PF,200V,CHIP,NPO
C22080SAT	1620-4090-510	CAP,3.9PF,50V,CHIP,NPO
C22080SAT	1620-5090-511	CAP,5PF,50V,CHIP
C22080SAT	1622-0020-001	CAP,2PF,50V,CHIP
C22082SAT	1622-0220-001	CAP,22PF,100V,5%,1206,NPO
C22082SAT	1622-0120-001	CAP,12PF,100V
C22082SAT	1622-0180-001	CAP,18PF,100V,CHIP
C22082SAT	1622-0270-001	CAP,27PF,100V,CHIP
C22082SAT	1622-0330-001	CAP,33PF,100V,CHIP
R22065SAT	4701-0221-003	RES,220,1/8W,5%
R22065SAT	4701-0271-003	RES,270,1/8W,5%
R22065SAT	4701-0331-003	RES,330,1/8W,5%
R22065SAT	4701-0391-003	RES,390,1/8W,5%
R22065SAT	4701-0471-003	RES,470,1/8W,5%
R22065SAT	4701-0561-003	RES,560,1/8W,5%
R22065SAT	4701-0681-003	RES,680,1/8W,5%

Contains all parts shown in Revision E plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C22083SAT	1523-0000-014	CAP,3PF,50V,NPO,CHIP
C22083SAT	1620-1090-511	CAP,1PF,50V,CHIP
C22083SAT	1620-2090-510	CAP,2PF,200V,CHIP,NPO
C22083SAT	1620-4090-510	CAP,3.9PF,50V,CHIP,NPO
C22083SAT	1620-5090-511	CAP,5PF,50V,CHIP

7010-8531-100

PCB ASSY, ANALOG IF (cont)

F1

Contains all parts shown in Revision F.

7005-8541-300
ASSY, DECODER
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	7010-8531-300	PCB ASSY DECODER
2	1415-8550-100	ENCLOSURE, DECODER
3	2803-0188-006	SCREW,4-40 X 3/16 PPHM
4	2840-7600-229	WASHER,ALUM, .305D, .196ID, .038T
6	6004-6005-400	TY-RAP,4.0 LG
FL35001	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL35002	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL35003	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
GL35004	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING
J17065	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J35066	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
W35001	7007-8581-300	WIRE HARNESS,DECODER

7005-8541-300
ASSY, DECODER
B

Contains all parts shown in Revision A.

7010-8531-300

PCB ASSY, DECODER

C4

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8521-300	PC BD,DECODER
2	2400-7856-800	LABEL,ESD
C36001	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C36002	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C36003	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C36004	1550-0100-550	CAP,7-50PF,TRIMMER,SMD
C36005	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C36006	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C36007	1622-0150-001	CAP,15PF,100V
C36008	1622-0560-001	CAP,56PF,50V,CHIP
C36009	1622-0689-001	CAP,6.8PF,50V
C36010	1622-0820-001	CAP,82PF,50V,CHIP
C36011	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C36012	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C36013	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C36014	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C36015	1622-0121-001	CAP,120PF,100V,CHIP,NPO
C36016	1622-0471-001	CAP,470PF,100V,CHIP
C36017	1622-0101-001	CAP,100PF,50V,CHIP
C36018	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C36019	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C36020	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C36021	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C36022	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C36023	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C36024	1622-0689-001	CAP,6.8PF,50V
C36025	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C36026	1622-0182-001	CAP,1800PF,50V,CHIP
CR36001	4816-0000-006	DIODE,HSMS 2802,SOT-23
L36001	1811-6122-001	IND,SM 1.2UH 10% C 1008
L36002	1811-6391-001	IND,SM .39UH 10% C 1008
L36003	1808-8100-001	IND,.10UH VAR,INDL
L36003	1808-8100-001	IND,.10UH VAR,INDL
L36004	1808-8100-001	IND,.10UH VAR,INDL
L36004	1808-8100-001	IND,.10UH VAR,INDL
L36005	1811-6331-001	IND,SM .33UH 10% C 1008
L36006	1811-6681-001	IND,SM .68UH 10% C 1008
L36007	1811-6471-001	IND,SM .47UH 10% C 1008
L36008	1811-6102-001	IND,SM 1.0UH 10% C 1008
L36009	1811-6102-001	IND,SM 1.0UH 10% C 1008
L36010	1811-6392-001	IND,SM 3.9UH 10% C 1008
MXR36001	5250-0000-009	MIXER,DOUBLE BALANCED SMD
MXR36002	5250-0000-009	MIXER,DOUBLE BALANCED SMD
Q36001	4809-0000-030	TRANS,LM394 NPN
Q36001	4809-0000-030	TRANS,LM394 NPN
Q36002	4809-0000-023	TRANS NPN RF AMPLR SOT-23
Q36003	4809-0000-023	TRANS NPN RF AMPLR SOT-23
Q36004	4809-0000-023	TRANS NPN RF AMPLR SOT-23
Q36005	4809-0000-023	TRANS NPN RF AMPLR SOT-23
Q36006	4809-0000-023	TRANS NPN RF AMPLR SOT-23
R36001	4722-5629-001	RES,56.2,1/8W,1%



7010-8531-300

PCB ASSY, DECODER (cont)

C4

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R36002	4722-1001-001	RES,1.0K,1/8W,1%
R36003	4722-1001-001	RES,1.0K,1/8W,1%
R36004	4722-1210-001	RES,121,1/8W,1%
R36005	4722-1509-001	RES,15,1/8W,1%
R36006	4722-2210-001	RES,221,1/8W,1%
R36007	4722-1001-001	RES,1.0K,1/8W,1%
R36008	4722-1001-001	RES,1.0K,1/8W,1%
R36009	4722-1000-001	RES,100,1/8W,1%
R36010	4722-1000-001	RES,100,1/8W,1%
R36011	4722-8259-001	RES,82.5,1/8W,1%
R36012	4722-1001-001	RES,1.0K,1/8W,1%
R36013	4722-1001-001	RES,1.0K,1/8W,1%
R36014	4722-1000-001	RES,100,1/8W,1%
R36015	4722-5629-001	RES,56.2,1/8W,1%
R36016	4722-1000-001	RES,100,1/8W,1%
R36017	4722-1001-001	RES,1.0K,1/8W,1%
R36018	4722-1001-001	RES,1.0K,1/8W,1%
R36019	4722-6810-001	RES,681,1/8W,1%
R36020	4722-1000-001	RES,100,1/8W,1%
R36021	4722-6810-001	RES,681,1/8W,1%
R36022	4722-4751-001	RES,4.75K,1/8W,1%
R36023	4722-1500-001	RES,150,1/8W,1%
R36024	4722-4759-001	RES,47.5,1/8W,1%
R36025	4722-1001-001	RES,1.0K,1/8W,1%
R36026	4722-2210-001	RES,221,1/8W,1%
R36027	4722-1002-001	RES,10.0K,1/8W,1%
R36028	4722-3929-001	RES,39.2,1/8W,1%
R36029	4722-5629-001	RES,56.2,1/8W,1%
R36030	4722-1002-001	RES,10.0K,1/8W,1%
R36031	4722-2743-001	RES,274K,1/8W,1%
R36032	4722-8259-001	RES,82.5,1/8W,1%
R36033	4722-1001-001	RES,1.0K,1/8W,1%
R36034	4722-4751-001	RES,4.75K,1/8W,1%
TP36001	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP36001	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP36002	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP36002	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP36003	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
TP36003	2114-0000-007	TEST POINT,LOOP PROFILE,WHITE
U36001	3210-3074-000	IC,DUAL D,FF/SET/RESET,INDL
U36002	3223-0219-000	IC,HI SPEED DUAL CONP.,INDL
U36002	3223-0219-000	IC,HI SPEED DUAL CONP.,INDL
U36003	3210-7400-000	IC,QUAD 2-INPUT NAND GATE
W36001	4722-0000-001	RES,0,1/8W,1%



7005-8540-200

ASSY, SSB

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1415-8152-300	ENCLOSURE,SSB
2	7010-8132-300	PCB ASSY,LO SOURCE
3	7010-8530-800	PCB ASSY,MIXER
4	6004-6005-400	TY-RAP,4.0 LG
5	6010-0125-100	TUBING,HS,1/8 ID,CLEAR
6	7010-8131-200	PCB ASSY,ATTENUATOR
7	6011-0034-000	TUBING,TF,20 AWG,NATURAL,SW
9	2840-7600-229	WASHER,ALUM,.305D,.196ID,.038T
10	2840-7600-208	WASHER,ALUM,.38OD,.250ID,.020T
11	6011-0018-001	TUBING,TF,26 AWG,NATURAL,TW
12	2803-0188-006	SCREW,4-40 X 3/16 PPHM
13	6042-8180-300	COAX ASSY M SMA/M SMA S/R
15	1050-0000-072	WIRE,BUS,TINNED COPPER,20GA
16	7010-8131-800	PCB ASSY,SOURCE MODULE VCO
C16001	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
C16002	1501-0103-005	CAP,0.01UF,50V,20%,DISC
C16003	1521-0000-008	CAP,0.1UF,50V,DIP,Z5U
FL16001	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL16002	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL16003	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL16005	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL16006	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL16007	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL16008	1526-0000-006	CAP,100PF,200V,FEEDTHRU
FL16009	1526-0000-006	CAP,100PF,200V,FEEDTHRU
FL16010	1526-0000-006	CAP,100PF,200V,FEEDTHRU
FL16011	1526-0000-006	CAP,100PF,200V,FEEDTHRU
FL16012	1526-0000-006	CAP,100PF,200V,FEEDTHRU
FL16014	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL16015	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
FL16016	1526-0000-006	CAP,100PF,200V,FEEDTHRU
GL16001	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING
GL16002	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING
GL16003	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING
GL16004	2850-0000-100	LUG,GND,#8 RT.ANG NON-LOCKING
J16039	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
J16042	2123-0000-030	CONN,FSMA,W/TERM,STR BULKHEAD
J17037	2123-0000-030	CONN,FSMA,W/TERM,STR BULKHEAD
J17038	2123-0000-030	CONN,FSMA,W/TERM,STR BULKHEAD
J18041	2123-0000-030	CONN,FSMA,W/TERM,STR BULKHEAD
J31040	2123-0000-030	CONN,FSMA,W/TERM,STR BULKHEAD
R16001	4701-0103-003	RES,10K,1/8W,5%
TP16001	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
TP16002	2123-0000-038	CONN,M SMB,W/TERM,STR BULKHD
TP16003	5801-0000-006	PI FILTER,EMI/RFI 1500PF 8-32
W12	6008-1000-003	WIRE,UL/CSA 1213,LV,26GA,RED
W13	6008-1000-003	WIRE,UL/CSA 1213,LV,26GA,RED
W14	6008-1000-002	WIRE,UL/CSA,1213,LV,26GA,BROWN
W15	6008-1000-002	WIRE,UL/CSA,1213,LV,26GA,BROWN
W17	6003-0001-009	WIRE,HOOK,TFE,30GA,SOLID,WHT
W18	6003-0001-009	WIRE,HOOK,TFE,30GA,SOLID,WHT

7005-8540-200
ASSY, SSB (cont)
C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W19	7007-8580-400	WH,SSB 601/201

7005-8540-200
ASSY, SSB
D

Contains all parts shown in Revision C.

7005-8540-200
ASSY, SSB
E

Contains all parts shown in Revision D plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
17	2803-0125-006	SCREW,4-40 X 1/8 PPHM

7005-8540-200
ASSY, SSB
F

Contains all parts shown in Revision E plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
18	6040-0010-014	CORD,SHLD,AL MESH,.080 DIA
19	1414-8150-500	COVER, SSB MIXER
20	2803-0313-006	SCREW,4-40 X 5/16 PPHM
21	1414-8150-400	COVER, SSB SOURCE

7005-8540-200
ASSY, SSB
F1

Contains all parts shown in Revision F.

7005-8540-200
ASSY, SSB
F2

Contains all parts shown in Revision F1.

7010-8131-200
PCB ASSY, ATTENUATOR
A

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8121-200	PC BD,ATTENUATOR
2	2400-7856-800	LABEL,ESD
C31001	1523-0000-004	CAP,47PF,50V,NPO,CHIP
C31002	1620-5600-511	CAP,56PF,100V,CHIP,NPO
C31003	1620-0335-001	CAP,3.3PF,50V,CHIP
C31004	1620-0335-001	CAP,3.3PF,50V,CHIP
C31005	1620-5600-511	CAP,56PF,100V,CHIP,NPO
C31006	1523-0000-014	CAP,3PF,50V,NPO,CHIP
C31007	1523-0000-014	CAP,3PF,50V,NPO,CHIP
C31008	1620-5600-511	CAP,56PF,100V,CHIP,NPO
C31009	1523-0000-014	CAP,3PF,50V,NPO,CHIP
C31010	1523-0000-014	CAP,3PF,50V,NPO,CHIP
C31011	1620-5600-511	CAP,56PF,100V,CHIP,NPO
C31012	1620-1000-511	CAP,10PF,100V,CHIP,NPO
C31013	1550-0101-500	CAP,VAR,35435
C31014	1523-0000-004	CAP,47PF,50V,NPO,CHIP
C31015	1550-0101-500	CAP,VAR,35435
C31016	1523-0000-014T	CAP,3PF,50V,NPO,CHIP
C31016SAT	1620-0335-001	CAP,3.3PF,50V,CHIP
C31017	1523-0000-014T	CAP,3PF,50V,NPO,CHIP
C31017SAT	1620-0335-001	CAP,3.3PF,50V,CHIP
C31018	1523-0000-004	CAP,47PF,50V,NPO,CHIP
C31019	1523-0000-004	CAP,47PF,50V,NPO,CHIP
C31021	1523-0000-004	CAP,47PF,50V,NPO,CHIP
CR31003	4816-0000-018	DIODE,SOT-23 PIN
CR31004	4816-0000-018	DIODE,SOT-23 PIN
CR31005	4816-0000-018	DIODE,SOT-23 PIN
CR31006	4816-0000-018	DIODE,SOT-23 PIN
CR31007	4816-0000-027	DIODE,SCHOTTKY 2805 SOT-143
R31001	4722-4759-001	RES,47.5,1/8W,1%
R31002	4722-4759-001	RES,47.5,1/8W,1%
R31003	4722-4759-001	RES,47.5,1/8W,1%
R31004	4722-1829-001	RES,18.2,1/8W,1%
R31005	4722-1829-001	RES,18.2,1/8W,1%

7010-8131-200
PCB ASSY, ATTENUATOR
B

Contains all parts shown in Revision A plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C31016SAT	1523-0000-014T	CAP,3PF,50V,NPO,CHIP
C31017SAT	1523-0000-014T	CAP,3PF,50V,NPO,CHIP

7010-8131-200

PCB ASSY, ATTENUATOR

C

Contains all parts shown in Revision B plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C31016SAT	1620-4090-510	CAP,3.9PF,50V,CHIP,NPO
C31017SAT	1620-4090-510	CAP,3.9PF,50V,CHIP,NPO

7010-8132-300

PCB ASSY, LO SOURCE

C1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-6820-400	PC BD, 1006.2MHZ SOURCE
2	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
3	2400-7856-800	LABEL,ESD
4	6011-0018-001	TUBING,TF,26 AWG,NATURAL,TW
C24001	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C24002	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C24003	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C24004	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24005	1550-0101-510	CAP,VAR,9402-0
C24006	1622-0159-001	CAP,1.5PF,50V,NPO,CHIP
C24009	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C24010	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24011	1622-0050-001	CAP,5PF,50V,CHIP
C24013	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C24014	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24015	1622-0050-001	CAP,5PF,50V,CHIP
C24018	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24019	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24020	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24021	1622-0562-001	CAP,5600PF,50V,CHIP
C24022	1622-0562-001	CAP,5600PF,50V,CHIP
C24023	1622-0153-001	CAP,0.015UF,50V,CHIP
C24024	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C24025	1622-0101-001	CAP,100PF,50V,CHIP
C24032	1622-0030-001	CAP,3PF,50V,CHIP
C24033	1622-0159-001	CAP,1.5PF,50V,NPO,CHIP
C24034	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C24035	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24036	1622-0030-001	CAP,3PF,50V,CHIP
C24037	1622-0159-001	CAP,1.5PF,50V,NPO,CHIP
C24038	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C24039	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24040	1622-0030-001	CAP,3PF,50V,CHIP
C24041	1622-0159-001	CAP,1.5PF,50V,NPO,CHIP
C24042	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C24043	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24044	1622-0220-001	CAP,20PF,100V,NPO,CHIP
C24046	1622-0680-001	CAP,68PF,100V,CHIP
C24050	1622-0030-001	CAP,3PF,50V,CHIP
C24051	1622-0030-001	CAP,3PF,50V,CHIP
CR24001	4818-0000-025	DIODE,1S2836,H/S SWITCHING
CR24002	4935-0101-200	DIODE,STEP RECOVERY,100NS MIN
CR24003	4816-0000-006	DIODE,HSMS 2802,SOT-23
L24001	1811-6223-003	IND,SM 22UH 10% C 1812
L24002	1811-6221-001	IND,SM .22UH 10% C 1008
L24006	1811-6153-003	IND,SM 15UH 10% C 1812
Q24001	4809-0000-020	TRANS,3906,PNP SMD
Q24002	4809-0000-017	TRANS,DRIVER 1GHZ FT,NPN,SO-8
Q24003	5050-2502-005	TRANS,SI NPN,MED PWR L6GHZ
Q24004	5050-2502-005	TRANS,SI NPN,MED PWR L6GHZ
Q24005	5050-2502-005	TRANS,SI NPN,MED PWR L6GHZ



7010-8132-300

PCB ASSY, LO SOURCE (cont)

C1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
Q24007	5050-2502-005	TRANS,SI NPN,MED PWR L6GHZ
Q24008	5050-2502-005	TRANS,SI NPN,MED PWR L6GHZ
Q24009	5050-2502-005	TRANS,SI NPN,MED PWR L6GHZ
Q24010	4809-0000-032	TRANS,5087 PNP SOT-23 SMD
R24001	4722-1000-001	RES,100,1/8W,1%
R24002	4722-1501-001	RES,1.50K,1/8W,1%
R24003	4722-4759-001	RES,47.5,1/8W,1%
R24004	4722-1002-001	RES,10.0K,1/8W,1%
R24005	4722-1001-001	RES,1.0K,1/8W,1%
R24006	4722-1509-001	RES,15,1/8W,1%
R24007	4722-1509-001	RES,15,1/8W,1%
R24008	4722-4750-001	RES,475,1/8W,1%
R24009	4722-4752-001	RES,47.5K,1/8W,1%
R24010	4722-4750-001	RES,475,1/8W,1%
R24011	4722-2742-001	RES,27.4K,1/8W,1%
R24012	4722-4750-001	RES,475,1/8W,1%
R24013	4722-2742-001	RES,27.4K,1/8W,1%
R24014	4722-2740-001	RES,274,1/8W,1%
R24015	4722-2740-001	RES,274,1/8W,1%
R24016	4722-1829-001	RES,18.2,1/8W,1%
R24018	4722-2742-001	RES,27.4K,1/8W,1%
R24019	4722-2214-001	RES,2.21M,1/8W,1%
R24020	4722-6810-001	RES,681,1/8W,1%
R24021	4722-2212-001	RES,22.1K,1/8W,1%
R24022	4749-0104-001	POT,100K OHM,SIDE ADJ,SMD
R24023	4722-1003-001	RES,100K,1/8W,1%
R24025	4749-0203-001	POT,20K OHM,SIDE ADJ,SMD
R24026	4749-0501-001	POT,SIDE ADJ. 500 OHM,SMD
R24027	4722-3321-001	RES,3.32K,1/8W,1%
R24028	4722-1002-001	RES,10.0K,1/8W,1%
R24034	4722-6819-001	RES,68.1,1/8W,1%
R24035	4722-1000-001	RES,100,1/8W,1%
R24036	4722-6812-001	RES,68.1K,1/8W,1%
R24037	4722-6810-001	RES,681,1/8W,1%
R24038	4722-4759-001	RES,47.5,1/8W,1%
R24039	4722-1003-001	RES,100K,1/8W,1%
R24040	4722-6810-001	RES,681,1/8W,1%
R24041	4722-4759-001	RES,47.5,1/8W,1%
R24042	4722-5621-001	RES,5.62K,1/8W,1%
R24043	4722-6810-001	RES,681,1/8W,1%
R24044	4722-3321-001	RES,3.32K,1/8W,1%
R24045	4722-4759-001	RES,47.5,1/8W,1%
R24046	4722-4320-001	RES,432,1/8W,1%
R24047	4722-6811-001	RES,6.81K,1/8W,1%
R24049	4722-3321-001	RES,3.32K,1/8W,1%
R24050	4722-1000-001	RES,100,1/8W,1%
R24051	4722-1509-001	RES,15,1/8W,1%
R24052	4722-1000-001	RES,100,1/8W,1%
R24053	4722-1509-001	RES,15,1/8W,1%
R24054	4722-1829-001	RES,18.2,1/8W,1%
R24055	4722-1829-001	RES,18.2,1/8W,1%



7010-8132-300

PCB ASSY, LO SOURCE (cont)

C1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R24056	4701-0683-003	RES,68K,1/8W,5%
U24001	3133-0000-124	IC BIMOS CA3130 OP AMP SO
W24001	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
W24003	6008-1000-002	WIRE,UL/CSA,1213,LV,26GA,BROWN
W24004	4722-0000-001	RES,0,1/8W,1%
W24005	4722-0000-001	RES,0,1/8W,1%

7010-8132-300

PCB ASSY, LO SOURCE

C2

Contains all parts shown in Revision C1 minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
2	1050-0000-075	WIRE,BUS,TINNED COPPER,26GA
4	6011-0018-001	TUBING,TF,26 AWG,NATURAL,TW

Contains all parts shown in Revision C1 plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W24006	6008-1000-002	WIRE,UL1213,26GA,7X34,BRN

7010-8132-300

PCB ASSY, LO SOURCE

D

Contains all parts shown in Revision C2 minus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
3	2400-7856-800	LABEL,ESD

Contains all parts shown in Revision C2 with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
R24034	4722-6819-001T	RES,68.1,1/8W,1%
R24056	4722-6812-001T	RES,68.1K,1/8W,1%

7010-8132-300**PCB ASSY, LO SOURCE (cont)****D**

Contains all parts shown in Revision C2 plus the following:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
W24003	6008-1000-002	WIRE,UL/CSA,1213,LV,26GA,BROWN
W24005	4722-0000-001	RES,0,1/8W,1%

7010-8132-300**PCB ASSY, LO SOURCE****E**

Contains all parts shown in Revision D.



7010-8131-800

PCB ASSY, SOURCE MODULE VCO

C

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8121-800	PC BD,SOURCE MODULE VCO
C1	1620-2200-500	CAP,22PF,100V,CHIP,NPO
C2	1620-2200-500	CAP,22PF,100V,CHIP,NPO
C3	1620-0479-001	CAP,4.7PF,100V
C4	1620-2090-510	CAP,2PF,200V,CHIP,NPO
C5	1620-2200-500	CAP,22PF,100V,CHIP,NPO
C6	1620-2090-510	CAP,2PF,200V,CHIP,NPO
C7	1521-0000-020	CAP,VAR
C9	1620-2090-510	CAP,2PF,200V,CHIP,NPO
C10	1622-0104-001	CAP,0.1UF,50V,CHIP,X7R
C11	1620-2200-500	CAP,22PF,100V,CHIP,NPO
CR1	4826-0000-011	DIODE,MMBV105G,VARC,2.3PF/-3V
L1	1811-6560-001	IND,SM .056UH 10% C 1008
L2	1811-6560-001	IND,SM .056UH 10% C 1008
Q1	5050-2502-002	TRANS,NPN,41411 SOT-143
R1	4722-8251-001	RES,8.25K,1/8W,1%
R2	4722-2741-001	RES,2.74K,1/8W,1%
R3	4722-1000-001	RES,100,1/8W,1%
R4	4722-1000-001	RES,100,1/8W,1%
R5	4722-3329-001	RES,33.2,1/8W,1%
R6	4722-1008-001	RES,1,1/8W,1%

7010-8131-800

PCB ASSY, SOURCE MODULE VCO

C1

Contains all parts shown in Revision C.

7010-8131-800

PCB ASSY, SOURCE MODULE VCO

D

Contains all parts shown in Revision C1 with the following exceptions:

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
C3	1624-0479-150T	CAP,4.7PF,150V,ATC,TOL
C4	1624-0020-150T	CAP,2PF 150WVDC,ATC
C6	1624-0020-150T	CAP,2PF 150WVDC,ATC

7010-8131-800

PCB ASSY, SOURCE MODULE VCO

E

Contains all parts shown in Revision D.



7010-8530-800

PCB ASSY, MIXER

D1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
1	1700-8120-800	PC BD,MIXER
2	2800-0000-033	SPACER,INSUL.
4	2400-7856-800	LABEL,ESD
C18001	1622-0030-001	CAP,3PF,50V,CHIP
C18003	1622-0103-001	CAP,0.01UF,50V,CHIP,X7R
C18004	1622-0102-001	CAP,1000PF,50V,CHIP,NPO
C18005	1622-0470-001	CAP,47PF,50V,CHIP
C18006	1622-0470-001	CAP,47PF,50V,CHIP
C18007	1622-0270-050	CAP,27PF,50V,5%,CHIP,TOL
C18008	1622-0050-001	CAP,5PF,50V,CHIP
C18009	1622-0010-001	CAP,1PF,50V,CHIP
C18011	1622-0120-001	CAP,12PF,100V
C18012	1622-0120-001	CAP,12PF,100V
C18013	1550-0100-550	CAP,7-50PF,TRIMMER,SMD
C18014	1622-0680-001	CAP,68PF,100V,CHIP
C18015	1622-0820-001	CAP,82PF,50V,CHIP
C18016	1550-0100-550	CAP,7-50PF,TRIMMER,SMD
C18017	1622-0270-050	CAP,27PF,50V,5%,CHIP,TOL
C18018	1622-0390-001	CAP,39PF,100V,CHIP
C18019	1622-0390-001	CAP,39PF,100V,CHIP
C18020	1622-0391-001	CAP,390PF,100V,CHIP
C18021	1622-0391-001	CAP,390PF,100V,CHIP
C18022	1622-0010-001	CAP,1PF,50V,CHIP
C18023	1622-0279-001	CAP,2.7PF,50V,CHIP
C18024	1622-0010-001	CAP,1PF,50V,CHIP
C18025	1622-0159-001	CAP,1.5PF,50V,NPO,CHIP
C18026	1622-0159-001	CAP,1.5PF,50V,NPO,CHIP
C18027	1622-0472-001	CAP,4700PF,50V,CHIP
C18028	1622-0472-001	CAP,4700PF,50V,CHIP
C18029	1622-0010-001	CAP,1PF,50V,CHIP
C18030	1622-0279-001	CAP,2.7PF,50V,CHIP
C18031	1622-0010-001	CAP,1PF,50V,CHIP
C18032	1622-0020-001	CAP,2PF,50V,CHIP
C18033	1622-0470-001	CAP,47PF,50V,CHIP
C18034	1550-0101-500	CAP VAR,35435
CR18001	4815-0000-009	DIODE,SWITCH,914 SOT-23,SMD
L18001	1811-6471-001	IND,SM .47UH 10% C 1008
L18003	1811-6471-001	IND,SM .47UH 10% C 1008
L18004	1811-6680-001	IND,SM .068UH 10% C 1008
L18005	1811-6390-001	IND,SM .039UH 10% C 1008
L18008	1811-6101-001	IND,SM .1UH 10% C 1008
L18009	1811-6102-001	IND,SM 1.0UH 10% C 1008
L18010	1811-6101-001	IND,SM .1UH 10% C 1008
L18011	1811-6102-001	IND,SM 1.0UH 10% C 1008
L18012	1811-6391-001	IND,SM .39UH 10% C 1008
L18013	1811-6392-001	IND,SM 3.9UH 10% C 1008
L18014	1811-6391-001	IND,SM .39UH 10% C 1008
L18015	1811-6392-001	IND,SM 3.9UH 10% C 1008
L18016	1811-6080-001	IND,SM .008UH 10% C 1008
L18017	1811-6080-001	IND,SM .008UH 10% C 1008
L18018	1811-6390-001	IND,SM .039UH 10% C 1008



7010-8530-800

PCB ASSY, MIXER (cont)

D1

REFERENCE DESIGNATOR	PART NUMBER	DESCRIPTION
L18019	1811-6390-001	IND,SM .039UH 10% C 1008
L18020	1811-6180-001	IND,SM .018UH 10% C 1008
L18021	1811-6080-001	IND,SM .008UH 10% C 1008
L18022	1811-6080-001	IND,SM .008UH 10% C 1008
MXR18001	5250-0000-014	MIXER,DBL BAL,.5-2000MHZ
MXR18002	5250-0000-014	MIXER,DBL BAL,.5-2000MHZ
Q18001	4809-0000-032	TRANS,5087 PNP SOT-23 SMD
Q18002	5050-2502-005	TRANS,SI NPN,MED PWR L6GHZ
Q18003	4809-0000-031	TRANS,5812 NPN SO-8,SMD
Q18004	4809-0000-032	TRANS,5087 PNP SOT-23,SMD
R18001	4722-1001-001	RES,1.0K,1/8W,1%
R18002	4722-4759-001	RES,47.5,1/8W,1%
R18003	4722-3920-001	RES,392,1/8W,1%
R18004	4722-2439-001	RES,24.3,1/8W,1%
R18005	4722-1001-001	RES,1.0K,1/8W,1%
R18006	4722-3920-001	RES,392,1/8W,1%
R18007	4749-0102-005	POT,SMD,TOP ADJ,1K OHM
R18008	4749-0102-005	POT,SMD,TOP ADJ,1K OHM
R18009	4723-0101-002	RES,100,1/10W,5%
R18010	4723-0390-002	RES,39,1/10W,5%
R18011	4722-1000-001	RES,100,1/8W,1%
R18012	4722-5119-001	RES,51.1,1/8W,1%
R18013	4749-0101-005	POT,SMD TOP ADJ,100 OHM
R18014	4722-2000-001	RES,200,1/8W,1%
R18015	4749-0101-005	POT,SMD TOP ADJ,100 OHM
R18020	4722-4750-001	RES,475,1/8W,1%
R18021	4722-2439-001	RES,24.3,1/8W,1%
R18022	4722-1500-001	RES,150,1/8W,1%
T18001	1808-8100-003	IND,1UH VAR CNTR TAPPED,IND
T18002	5604-8100-002	TRANSFORMER,2:1RF .07-200MHZ
T18003	5604-8100-002	TRANSFORMER,2:1RF .07-200MHZ
W18001	4722-0000-001	RES,0,1/8W,1%
W18002	4722-0000-001	RES,0,1/8W,1%