

BOM, MERCURY E REMOTE DIGITAL

LF-4964A03

REVISION 03

Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
1	00-4964A03	A	SCH, MERCURY E REMOTE DIGITAL	0.00	EA	REF
1	03-4296A03_v306	3.0.6	SOFTWARE, CPU FLASH KIT, REV 3.0.6	1.00	EA	U302
1	03-4642A10	0.0.6	PRE-PROGRAMMED FLASH, SQN-1130	1.00	EA	U1403
1	13-1776A01	F	DIODE,SOT23 SMALL SIG 914 5D	4.00	EA	CR903 CR904 CR906 CR908
1	13-1780A01	H	DIODE,SOT23 SCHOTTKY 301 4T	1.00	EA	CR701
1	13-2288A24	A	Suppressor, Diode,SOT-23,UNI-DIRECTIONAL	4.00	EA	U601 U602 CR901 CR902
1	13-2288A25	A	Suppressor, Diode,SOT-723,UNIDIRECTION'L	1.00	EA	CR1500
1	13-3287A13	A	DIODE,SCHOTTKY, D-PAK, 50WQ10FNPbF	1.00	EA	CR1002
1	14-1773A01	L	TRANSISTOR,SOT23 NPN GEN PUR 3904 1AM	5.00	EA	Q906 Q905 Q902 Q903 Q904
1	14-1773A02	L	TRANSISTOR,SOT23 PNP GEN PUR 3906 2A	2.00	EA	Q1502 Q1500
1	14-1773A04	K	TRANSISTOR,SOT23 NPN 6429 MILR	1.00	EA	Q1501
1	14-1773A10	A	TRANSISTOR,SOT-223, PNP,BCP69	1.00	EA	Q702
1	14-1773A11	B	TRANSISTOR,SOT89, PNP,BCX51	1.00	EA	Q701
1	14-3548A01	B	TRANS,SWITCHING,BUILT-IN SOT23 NPN	2.00	EA	Q901 Q907
1	15-1331A43	C	IC,CMOS,Multimedia Appl Processor	1.00	EA	U201
1	15-1647A52	C	IC,CMOS TSSOP14 QUAD 2INPUT NAND 74LVC00	1.00	EA	U901
1	15-1647A59	B	IC,CMOS TSSOP14 HEX SCMITT INVERTER	1.00	EA	U906
1	15-1647A79	A	IC,FBGA,16-BIT BUFFER/DRVR W/3-STATE	1.00	EA	U501
1	15-1648A103	B	IC,LINER,SOT-23,3.3V +/-20% EconoReset	1.00	EA	U604
1	15-1648A117	C	IC,LINER,SOP8,DUAL CHL PWR DISTRI SWTCH	2.00	EA	U1105 U1104
1	15-1648A118	B	IC,LINER,TSSOP8,USB PORT TRANSIENT SUPP	2.00	EA	U1103 U1102
1	15-1648A125	B	IC,LINER,SOT223,400 mA LDO REGULATOR	3.00	EA	U1003 U801 U1004
1	15-1648A75	D	IC,LIN.SOT-23-5 LDO VOLT REG MIC5255	1.00	EA	U805
1	15-1648A79	C	IC,SC70-5 HISPEED COMPARATOR LMV7219	1.00	EA	U600
1	15-1651A71	A	IC,HVQFN24,ULPI OTG Transceiver	1.00	EA	U1100
1	15-1651A72	A	IC,HVQFN16,USB Transceiver	1.00	EA	U1101
1	15-1651A73	B	IC,LQFP128,6Port Ethernet Swtch	1.00	EA	U701
1	15-1651A74	A	IC, Interface,RS232 Transceiver	1.00	EA	U1002
1	15-1651A86	A	IC,HVQFN32,ULPI HS USB OTG Transceiver	1.00	EA	U1106
1	15-1652A94	C	IC,QSOP16,CMOS Special Func,TS3L110	2.00	EA	U1404 U702
1	15-2284A20	A	IC,1.2A, 1A, 800mA	1.00	EA	U802
1	15-2284A29	A	IC, Switching Regulator 3A	1.00	EA	U1006
1	15-3262A08	C	IC,512MB SDRAM (BGA),VFBGA,16M x 32	1.00	EA	U301
1	15-3262A11	A	IC, 256Mb, SDRAM, FBGA, 16Mx16	1.00	EA	U1301
1	15-4277A03	B	IC, MODULE, GPS	1.00	EA	U1500
1	15-4506A08	A	IC, WIMAX, Sequans Subscriber	1.00	EA	U1302
1	22-1391A05	A	BEADS, FERRITE, 100MHz 600ohms0805 SMT	10.00	EA	FB1401 FB703 FB401 FB402 FB403 FB404 FB405 FB701 FB702 FB1402
1	26-1925A05	A	TCXO, 40 MHz, +/- 1.5ppm	1.00	EA	Y600
1	26-1944A23	B	CRYSTAL, 26MHZ, SMT, TSX-3225	1.00	EA	Y601
1	26-1944A24	A	CRYSTAL,25MHZS	1.00	EA	Y701
1	26-2146A03	J	CRYSTAL,SMD 32.768KHz	1.00	EA	Y602
1	26-2146A10	A	CRYSTAL, SMD, 32.768 MHZ	1.00	EA	Y1401
1	32-4964A03	A	DNB - PCB,MERCURY E REMOTE DIGITAL	1.00	EA	PCB
1	35-1757R000	I	RESISTOR, CHIP 1206 0 ohm jumper	1.00	EA	R1024
1	35-3269R000	E	RESISTOR,CHIP 0603 1/16W 5% 0 OHM	2.00	EA	R402 R1105
1	35-3269R101	E	RESISTOR,CHIP 0603 1/16W 5% 100	5.00	EA	R626 R401 R404 R931 R1103

1	35-3269R102	E	RESISTOR,CHIP 0603 1/16W 5% 1K	1.00 EA	R1112
1	35-3269R103	E	RESISTOR,CHIP 0603 1/16W 5% 10K	10.00 EA	R1117 R301 R810 R1100 R1101

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Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
						R1102 R1113 R1114 R1115 R1116
1	35-3269R104	E	RESISTOR,CHIP 0603 1/16W 5% 100K	1.00	EA	R930
1	35-3269R106	E	RESISTOR,CHIP 0603 1/16W 5% 10M	2.00	EA	R628 R627
1	35-3269R153	E	RESISTOR,CHIP 0603 1/16W 5% 15K	2.00	EA	R1110 R1111
1	35-3269R221	E	RESISTOR,CHIP 0603 1/16W 5% 220 OHM	6.00	EA	R946 R907 R908 R909 R910 R947
1	35-3269R222	E	RESISTOR,CHIP 0603 1/16W 5% 2.2K	2.00	EA	R805 R804
1	35-3269R330	E	RESISTOR,CHIP 0603 1/16W 5% 33	4.00	EA	R1109 R1106 R1107 R1108
1	35-3269R331	E	RESISTOR,CHIP 0603 1/10W 5% 330	4.00	EA	R620 R617 R618 R619
1	35-3269R472	E	RESISTOR,CHIP 0603 1/16W 5% 4.7K	1.00	EA	R1104
1	35-3269R750	E	RESISTOR,CHIP 0603 1/16W 5% 75 OHM	8.00	EA	R623 R606 R607 R608 R609 R610
						R621 R624
1	35-3459R1001	G	RESISTOR,CHIP 0603 1/10W 1% 1K	2.00	EA	R1021 R1023
1	35-3459R1002	G	RESISTOR,CHIP 0603 1/10W 1% 10K	2.00	EA	R1012 R1011
1	35-3459R1691	B	RESISTOR,CHIP 0603 1/10W 1% 1.69K OHM	1.00	EA	R1020
1	35-3459R2001	F	RESISTOR,CHIP 0603 1/10W 1% 2K	1.00	EA	R703
1	35-3459R2052	B	RESISTOR,CHIP 0603 1/10W 1% 20.5K OHM	1.00	EA	R1022
1	35-3459R2872	A	RESISTOR,CHIP 0603 1/10W 1% 28.7K	1.00	EA	R1019
1	35-3459R3322	G	RESISTOR,CHIP 0603 1/10W 1% 33.2K	2.00	EA	R803 R1014
1	35-3459R3572	G	RESISTOR,CHIP 0603 1/10W 1% 35.7K	1.00	EA	R1013
1	35-3459R4322	F	RESISTOR,CHIP 0603 1/10W 1% 43.2K OHM	1.00	EA	R806
1	35-3459R49R9	H	RESISTOR,CHIP 0603 1/10W 1% 49.9 OHM	8.00	EA	R622 R616 R615 R614 R613 R612
						R611 R625
1	35-3947R10R0	C	RESISTOR,CHIP 1218 1 WATT 1% 10 OHM	1.00	EA	R1018
1	35-4348R0000	D	RESTR,CHIP 0402, 1%, 0 OHM	38.00	EA	R1223 R605 R633 R634 R1200
						R1201 R1202 R1203 R1206 R1209
						R1210 R1211 R1212 R1213 R1214
						R1215 R1216 R1219 R1220 R1221
						R1222 R1320 R1321 R1322 R1323
						R1324 R1325 R1326 R1327 R1328
						R1329 R1330 R1331 R1332 R1333
						R1334 R1335 R1506
1	35-4348R1001	D	RESTR,CHIP 0402, 1%, 1K OHM	13.00	EA	R201 R203 R1507 R1502 R1401
						R827 R813 R726 R632 R631 R205
						R204 R202
1	35-4348R1002	D	RESTR,CHIP 0402, 1%, 10K OHM	89.00	EA	R1309 R1310 R1131 R1301 R1302
						R1303 R1304 R1305 R1306 R1307
						R1308 R602 R603 R604 R629 R630
						R635 R704 R705 R706 R707 R708
						R709 R710 R711 R712 R713 R716
						R717 R718 R719 R720 R721 R723
						R801 R802 R811 R815 R816 R817
						R902 R911 R913 R914 R915 R917
						R920 R922 R923 R924 R925 R926
						R927 R928 R929 R932 R937 R939
						R940 R941 R942 R943 R945 R1118
						R1119 R1120 R1121 R1122 R1123
						R1124 R1125 R1126 R1127 R1128
						R1129 R1130 R1409 R1408 R1404

R1403 R1402 R1313 R1312 R1311

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Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
						R1410 R1504 R1503 R1501 R1500
1	35-4348R10R0	D	RESTR,CHIP 0402, 1%, 10 OHM	1.00	EA	R1509
1	35-4348R1102	B	RESTR,CHIP 0402, 1%, 11K OHM	2.00	EA	R1406 R1405
1	35-4348R2740	D	RESTR,CHIP 0402, 1%, 274 OHM	12.00	EA	R1224 R1225 R1217 R1218 R1204 R1205 R1207 R1208 R1228 R1229 R1230 R1231
1	35-4348R4322	B	RESTR,CHIP 0402, 1%, 43.2K OHM	1.00	EA	R1407
1	35-4348R4702	D	RESTR,CHIP 0402, 1%, 47K OHM	1.00	EA	R1505
1	35-4348R4703	B	RESTR,CHIP 0402, 1%, 470K OHM	1.00	EA	R938
1	35-4348R49R9	D	RESTR,CHIP 0402, 1%, 49.9 OHM	2.00	EA	R601 R600
1	43-3276C151	G	CAP,CHIP 0603 50V NPO 5% 150pf	2.00	EA	C1027 C1032
1	43-3276C220	G	CAP,CHIP 0603 50V NPO 5% 22pf	4.00	EA	C701 C702 C1117 C1118
1	43-3276C331	G	CAP,CHIP 0603 50V NPO 5% 330pf	1.00	EA	C1030
1	43-3277C102	F	CAP,CHIP 0603 X7R 10% 1000 pf	1.00	EA	C607
1	43-3277C104	F	CAP,CHIP 0603 X7R 10% 0.1uF	1.00	EA	C1013
1	43-3277C222	F	CAP,CHIP 0603 X7R 10% 2200pf	1.00	EA	C806
1	43-3277C223	F	Capacitor, Chip 0603 X7R 10% .022	2.00	EA	C1028 C1029
1	43-3568C225	A	Cap, Chip, Low ESR, 10%, 1210 2.2 uF	3.00	EA	C1006 C1007 C1024
1	43-3568C226	K	Capacitor,Low ESR Chip Ceremic,1210 22uF	18.00	EA	C408 C409 C410 C411 C438 C703 C704 C802 C804 C805 C807 C812 C813 C819 C1018 C1019 C1020 C1021
1	43-3568C475	K	Capacitor,Low ESR Chip Ceremic,1210 4.7	5.00	EA	C1111 C1112 C1416 C1417 C1418
1	43-4343C120	B	CAP,CHIP 0402,50V, NPO, LOW ESR,12pF	2.00	EA	C1401 C1419
1	43-4343C180	B	CAP,CHIP 0402,50V, NPO, LOW ESR,18pF	3.00	EA	C1500 C1501 C1503
1	43-4344C120	A	CAP,CHIP 0402,50V, NPO,12pF	2.00	EA	C618 C621
1	43-4344C330	A	CAP,CHIP 0402,50V, NPO,33pF	2.00	EA	C619 C620
1	43-4345C102	A	CAP,CHIP 0402,50V,X7R,1000pF	1.00	EA	C1502
1	43-4345C103	A	CAP,CHIP 0402,16V,X7R,.01uF	94.00	EA	C201 C202 C203 C301 C302 C303 C304 C305 C306 C307 C308 C309 C310 C311 C312 C313 C314 C315 C316 C317 C401 C402 C403 C404 C405 C406 C407 C412 C413 C414 C415 C416 C417 C418 C419 C420 C421 C422 C423 C424 C425 C426 C427 C428 C429 C430 C431 C432 C433 C434 C435 C436 C437 C439 C440 C441 C442 C501 C502 C503 C504 C505 C506 C600 C601 C602 C603 C604 C617 C726 C817 C818 C826 C1026 C1301 C1302 C1303 C1304 C1305 C1402 C1403 C1404 C1405 C1406 C1407 C1408 C1409 C1410 C1411 C1412 C1413 C1414 C1415 C1420
1	43-4346C104	A	CAP,CHIP 0402,16V,Y5V,.1uF,+80-20%	56.00	EA	C705 C706 C707 C708 C709 C710 C711 C712 C713 C714 C715 C716 C717 C718 C719 C720 C721 C722

C723 C724 C725 C901 C902 C903

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Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
						C904 C1014 C1015 C1016 C1017 C1025 C1034 C1101 C1102 C1104 C1105 C1106 C1107 C1108 C1109 C1110 C1113 C1115 C1116 C1119 C1122 C1123 C1124 C1125 C1200 C1201 C1202 C1203 C1504 C1505 C1506 C1507
1	43-4451C222	C	CAP,Ceramic 4532 10% 2000V, 2200pf	1.00	EA	C608
1	43-4505C107	B	Cap,Chip Ceramic,1210 X5R,100uF,6.3V	5.00	EA	C1031 C1033 C1103 C1120 C1121
1	50-1112A26	A	10/100Base-T Dual Transformer	1.00	EA	T600
1	50-3085A19	A	INDUCTOR,Switching 20%,22uH,DR127-220	1.00	EA	L1002
1	50-3085A24	A	INDUCTOR, SWITCHING, 20%, 2.2uH	3.00	EA	L801 L803 L804
1	50-4347L220	C	INDCTR, 0402 MULTILYER CHP, +/- 5%,22nH	1.00	EA	L1500
1	64-4225A01	B	FILTER, EMI Suppression, BLM, 0805	6.00	EA	FL1100 FL1101 FL1102 FL1103 FL1104 FL1105
1	73-1022A79	A	CONN,SMA RT ANGLE, PCB,GOLD	1.00	EA	J1500
1	73-1049A03	AH	CONN,HEADER .100 SINGLE STR 5-PIN	1.00	EA	J1101
1	73-1155A40	A	Conn,DUAL,RJ45,8POS,RTSHLDw/YLW,GRN LEDS	1.00	EA	J600
1	73-1529A14	AN	CONN,D-SUB PCB RCPT 90 DEGREE 9 PIN	1.00	EA	J1001
1	73-2192A03	D	CONNECTOR,INTERFACE USB RTA PCB THRU-HOL	1.00	EA	J1102
1	73-2192A06	A	Connector, Interface	1.00	EA	J1100
1	73-2494A21	A	CONNECTOR,HEADER,SMT, 40 PIN	2.00	EA	J1201 J1202
1	73-3240A01	H	CONN,HEADER SMT 0.05" SPACING 10 PIN	3.00	EA	J601 J1301 J1400
1	73-4021A02	A	CONN,RT ANGLE,PCB, SMT,FFC/FPC	1.00	EA	J901
1	DR-4964A03	A	ASSY DWG, MERCURY E REMOTE DIGITAL	0.00	EA	REF

REV HISTORY LIST

REV DATE ECN# NOTES:

01	9/9/10	CRM-ECO# 3849	
02	9/30/10	CRM-ECO# 3930	
03	11/3/10	CRM-ECO# 4018	

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BOM, MERCURY MIMO AP DIGITAL

LF-4997A02

REVISION 02

Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
1	00-4997A02	A	SCHEMATIC, MERCURY AP DIGITAL	0.00	EA	REF
1	03-4296A03_v306	3.0.6	SOFTWARE, CPU FLASH KIT, REV 3.0.6	1.00	EA	U302
1	03-4644A10	0.0.6	PRE-PROGRAMMED FLASH, SQN-2130	1.00	EA	U1403
1	13-1776A01	F	DIODE,SOT23 SMALL SIG 914 5D	4.00	EA	CR903 CR904 CR906 CR908
1	13-2288A24	A	Suppressor, Diode,SOT-23,UNI-DIRECTIONAL	4.00	EA	U601 U602 CR901 CR910
1	13-2288A25	A	Suppressor, Diode,SOT-723,UNIDIRECTION'L	1.00	EA	CR1201
1	13-3287A13	A	DIODE,SCHOTTKY, D-PAK, 50WQ10FNPbF	1.00	EA	CR1004
1	14-1773A01	L	TRANSISTOR,SOT23 NPN GEN PUR 3904 1AM Q906	7.00	EA	Q905 Q907 Q901 Q902 Q903 Q904
1	14-1773A02	L	TRANSISTOR,SOT23 PNP GEN PUR 3906 2A	2.00	EA	Q1202 Q1201
1	14-1773A04	K	TRANSISTOR,SOT23 NPN 6429 MILR	1.00	EA	Q1203
1	14-1773A10	A	TRANSISTOR,SOT-223, PNP,BCP69	1.00	EA	Q702
1	14-1773A11	B	TRANSISTOR,SOT89, PNP,BCX51	1.00	EA	Q701
1	15-1331A43	C	IC,CMOS,Multimedia Appl Processor	1.00	EA	U201
1	15-1331A49	A	IC, PowerQUICC II Pro processor	1.00	EA	U1401
1	15-1647A52	C	IC,CMOS TSSOP14 QUAD 2INPUT NAND 74LVC00	1.00	EA	U901
1	15-1647A55	C	IC,CMOS TSSOP14 DUEL D-FLIP FLOP 74LCX74	1.00	EA	U807
1	15-1647A58	B	IC,CMOS TSSOP20 OCTAL TRAN LTCH 74LCX273	2.00	EA	U1402 U1406
1	15-1647A59	B	IC,CMOS TSSOP14 HEX SCMITT INVERTER	1.00	EA	U906
1	15-1647A69	A	IC,CMOS,SSOP-48, 16-BIT BUS TRANSCEIVER	1.00	EA	U1405
1	15-1647A79	A	IC,FBGA,16-BIT BUFFER/DRVR W/3-STATE	1.00	EA	U501
1	15-1648A103	B	IC,LINEAR,SOT-23,3.3V +/-20% EconoReset	1.00	EA	U603
1	15-1648A117	C	IC,LINEAR,SOP8,DUAL CHL PWR DISTRI SWTCH	2.00	EA	U1105 U1103
1	15-1648A118	B	IC,LINEAR,TSSOP8,USB PORT TRANSIENT SUPP	2.00	EA	U1102 U1107
1	15-1648A125	B	IC,LINEAR,SOT223,400 mA LDO REGULATOR	1.00	EA	U801
1	15-1648A75	D	IC,LIN.SOT-23-5 LDO VOLT REG MIC5255	1.00	EA	U805
1	15-1648A79	C	IC,SC70-5 HISPEED COMPARATOR LMV7219	1.00	EA	U806
1	15-1651A71	A	IC,HVQFN24,ULPI OTG Transceiver	1.00	EA	U1101
1	15-1651A72	A	IC,HVQFN16,USB Transceiver	1.00	EA	U1106
1	15-1651A73	B	IC,LQFP128,6Port Ethernet Swtch	1.00	EA	U701
1	15-1651A74	A	IC, Interface,RS232 Transceiver	1.00	EA	U1104
1	15-2284A20	A	IC,1.2A, 1A, 800mA	1.00	EA	U802
1	15-2284A29	A	IC, Switching Regulator 3A	1.00	EA	U1006
1	15-2414A25	A	IC, 12 BIT DUAL BB DAC/ADC GP DAC/ADC	2.00	EA	U2100 U2200
1	15-3262A07	A	IC,256mB SDRAM (BGA),VFBGA, 16M x 16	2.00	EA	U1601 U1602
1	15-3262A08	C	IC,512MB SDRAM (BGA),VFBGA,16M x 32	1.00	EA	U301
1	15-3262A10	A	IC, 512Mb DDR2 SDRAM, FBGA	2.00	EA	U1303 U1302
1	15-4277A03	B	IC, MODULE, GPS	1.00	EA	U1202
1	15-4506A09	A	IC, WIMAX, Sequans Base Station	1.00	EA	U1801
1	22-1391A05	A	BEADS, FERRITE, 100MHZ 600ohms0805 SMT FB403 FB404 FB405 FB701 FB702 FB703 FB2001 FB2100 FB2101 FB2200 FB2201	15.00	EA	FB2202 FB2102 FB401 FB402
1	26-1925A05	A	TCXO, 40 MHz, +/- 1.5ppm	1.00	EA	Y603
1	26-1944A23	B	CRYSTAL, 26MHZ, SMT, TSX-3225	1.00	EA	Y601
1	26-1944A24	A	CRYSTAL,25MHZS	1.00	EA	Y701
1	26-2033A17	C	CRYS,OSC. MODULE, 50MHZ +/- 50ppm	1.00	EA	Y1701

1	26-2146A03	J	CRYSTAL,SMD 32.768KHz	1.00	EA	Y602
1	32-4997A02	A	DNB - PCB, MERCURY AP DIGITAL	1.00	EA	PCB

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Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
1	35-3269R000	E	RESISTOR,CHIP 0603 1/16W 5% 0 OHM	2.00	EA	R402 R827
1	35-3269R100	E	RESISTOR,CHIP 0603 1/16W 5% 10 OHM	1.00	EA	R1018
1	35-3269R101	E	RESISTOR,CHIP 0603 1/16W 5% 100	4.00	EA	R1123 R401 R404 R931
1	35-3269R103	E	RESISTOR,CHIP 0603 1/16W 5% 10K	2.00	EA	R810 R301
1	35-3269R104	E	RESISTOR,CHIP 0603 1/16W 5% 100K	1.00	EA	R930
1	35-3269R106	E	RESISTOR,CHIP 0603 1/16W 5% 10M	2.00	EA	R622 R621
1	35-3269R153	E	RESISTOR,CHIP 0603 1/16W 5% 15K	2.00	EA	R1115 R1116
1	35-3269R221	E	RESISTOR,CHIP 0603 1/16W 5% 220 OHM	6.00	EA	R910 R906 R907 R908 R909 R947
1	35-3269R222	E	RESISTOR,CHIP 0603 1/16W 5% 2.2K	2.00	EA	R805 R804
1	35-3269R330	E	RESISTOR,CHIP 0603 1/16W 5% 33	4.00	EA	R1114 R1101 R1102 R1113
1	35-3269R331	E	RESISTOR, CHIP 0603 1/10W 5% 330	4.00	EA	R615 R612 R613 R614
1	35-3269R472	E	RESISTOR,CHIP 0603 1/16W 5% 4.7K	1.00	EA	R1112
1	35-3269R750	E	RESISTOR,CHIP 0603 1/16W 5% 75 OHM	8.00	EA	R619 R601 R602 R603 R604 R605 R616 R618
1	35-3459R1001	G	RESISTOR,CHIP 0603 1/10W 1% 1K	1.00	EA	R1021
1	35-3459R1002	G	RESISTOR,CHIP 0603 1/10W 1% 10K	2.00	EA	R1109 R1108
1	35-3459R1691	B	RESISTOR, CHIP 0603 1/10W 1% 1.69K OHM	1.00	EA	R1020
1	35-3459R2001	F	RESISTOR,CHIP 0603 1/10W 1% 2K	1.00	EA	R703
1	35-3459R2052	B	RESISTOR, CHIP 0603 1/10W 1% 20.5K OHM	1.00	EA	R1022
1	35-3459R2872	A	RESISTOR,CHIP 0603 1/10W 1% 28.7K	1.00	EA	R1019
1	35-3459R3322	G	RESISTOR,CHIP 0603 1/10W 1% 33.2K	1.00	EA	R803
1	35-3459R4322	F	RESISTOR,CHIP 0603 1/10W 1% 43.2K OHM	1.00	EA	R806
1	35-3459R49R9	H	RESISTOR,CHIP 0603 1/10W 1% 49.9 OHM	8.00	EA	R620 R611 R610 R609 R608 R607 R606 R617
1	35-4348R0000	D	RESTR,CHIP 0402, 1%, 0 OHM	15.00	EA	R1407 R627 R629 R819 R945 R1215 R1805 R1806 R1815 R2111 R2114 R2211 R2214 R824 R1560
1	35-4348R1000	D	RESTR,CHIP 0402, 1%, 100 OHM	1.00	EA	R1601
1	35-4348R1001	D	RESTR,CHIP 0402, 1%, 1K OHM	13.00	EA	R201 R202 R203 R204 R205 R625 R626 R813 R825 R1201 R1204 R1416 R1417
1	35-4348R1002	D	RESTR,CHIP 0402, 1%, 10K OHM	81.00	EA	R623 R624 R628 R704 R705 R706 R707 R708 R709 R710 R711 R712 R713 R716 R717 R718 R719 R720 R721 R723 R801 R802 R811 R815 R816 R817 R823 R828 R829 R901 R911 R912 R913 R914 R915 R917 R920 R922 R923 R924 R925 R926 R927 R928 R929 R936 R938 R939 R940 R942 R943 R946 R948 R1103 R1104 R1105 R1106 R1110 R1111 R1117 R1118 R1119 R1120 R1121 R1122 R1124 R1125 R1206 R1209 R1210 R1211 R1401 R1404 R1405 R1411 R1420 R1807 R1812 R1901 R1903 R1904
1	35-4348R1003	D	RESTR,CHIP 0402, 1%, 100K OHM	3.00	EA	R902 R941 R944
1	35-4348R10R0	D	RESTR,CHIP 0402, 1%, 10 OHM	9.00	EA	R1213 R1710 R1711 R1808 R1809

R1810 R1811 R1813 R1814

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1	35-4348R1500	D	RESTR,CHIP 0402, 1%, 150 OHM	2.00	EA	R1301 R1302
1	35-4348R22R0	A	RESISTOR, CHIP 0402 1/10W 1% 22	1.00	EA	R1562
1	35-4348R2490	A	RESTR,CHIP 0402, 1%, 249 OHM	2.00	EA	R2106 R2206
1	35-4348R4701	D	RESTR,CHIP 0402, 1%, 4700 OHM	74.00	EA	R1402 R1403 R1408 R1409 R1410 R1412 R1413 R1419 R1501 R1502 R1504 R1506 R1507 R1508 R1509 R1510 R1511 R1512 R1513 R1514 R1515 R1516 R1517 R1518 R1519 R1520 R1521 R1522 R1523 R1524 R1525 R1526 R1527 R1528 R1529 R1530 R1531 R1532 R1533 R1534 R1535 R1536 R1537 R1538 R1539 R1540 R1541 R1542 R1543 R1544 R1545 R1546 R1547 R1548 R1549 R1553 R1554 R1555 R1556 R1558 R1559 R1563 R1564 R1565 R1566 R1701 R1702 R1703 R1704 R1705 R1707 R1708 R1714 R1715
1	35-4348R4702	D	RESTR,CHIP 0402, 1%, 47K OHM	1.00	EA	R1205
1	35-4348R4750	E	RESTR,CHIP 0402, 1%, 475 OHM	10.00	EA	R2104 R2105 R2107 R2108 R2113 R2204 R2205 R2207 R2208 R2213
1	35-4348R49R9	D	RESTR,CHIP 0402, 1%, 49.9 OHM	3.00	EA	R821 R822 R1712
1	43-3276C151	G	CAP,CHIP 0603 50V NPO 5% 150pf	2.00	EA	C1027 C1032
1	43-3276C220	G	CAP,CHIP 0603 50V NPO 5% 22pf	4.00	EA	C701 C702 C1106 C1107
1	43-3276C331	G	CAP,CHIP 0603 50V NPO 5% 330pf	1.00	EA	C1030
1	43-3277C102	F	CAP,CHIP 0603 X7R 10% 1000 pf	1.00	EA	C601
1	43-3277C222	F	CAP,CHIP 0603 X7R 10% 2200pf	1.00	EA	C806
1	43-3277C223	F	Capacitor, Chip 0603 X7R 10% .022	2.00	EA	C1028 C1029
1	43-3277C224	F	Capacitor, Chip 0603 X7R 10% .22uF	2.00	EA	C2126 C2226
1	43-3568C106	J	Capacitor,Low ESR Chip Ceremic,1210 10uF	6.00	EA	C2100 C2101 C2102 C2200 C2201 C2202
1	43-3568C225	A	Cap, Chip, Low ESR, 10%, 1210 2.2 uF	3.00	EA	C1797 C1803 C2068
1	43-3568C226	K	Capacitor,Low ESR Chip Ceremic,1210 22uF	16.00	EA	C408 C409 C410 C411 C438 C703 C704 C802 C804 C805 C807 C812 C813 C815 C816 C819
1	43-4343C180	B	CAP,CHIP 0402,50V, NPO, LOW ESR,18pF	3.00	EA	C1201 C1203 C1210
1	43-4344C120	A	CAP,CHIP 0402,50V, NPO,12pF	2.00	EA	C612 C613
1	43-4344C330	A	CAP,CHIP 0402,50V, NPO,33pF	2.00	EA	C614 C615
1	43-4345C102	A	CAP,CHIP 0402,50V,X7R,1000pF	1.00	EA	C1204
1	43-4345C103	A	CAP,CHIP 0402,16V,X7R,.01uF	322.00	EA	C1316 C201 C1317 C202 C1318 C203 C1319 C301 C1320 C302 C1321 C303 C1322 C304 C1323 C305 C1324 C306 C1325 C307 C1326 C308 C1327 C309 C1328 C310 C1329 C311 C1330 C312 C1331 C313 C1332 C314 C1333 C315 C1334 C316 C1335 C317 C1401 C401 C1402 C402 C1403

C403 C1404 C404 C1405 C405

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C1406 C406 C1407 C407 C1408
C412 C1409 C413 C1601 C414
C1602 C415 C1603 C416 C1604
C417 C1605 C418 C1606 C419
C1607 C420 C1608 C421 C1609
C422 C1610 C423 C1701 C424
C1702 C425 C1703 C426 C1704
C427 C1705 C428 C1706 C429
C1707 C430 C1708 C431 C1709
C432 C1710 C433 C1711 C434
C1712 C435 C1713 C436 C1714
C437 C1715 C439 C1716 C440
C1717 C441 C1718 C442 C1719
C501 C1720 C502 C1721 C503
C1722 C504 C1723 C505 C1724
C506 C1725 C817 C1726 C818
C1727 C821 C1728 C822 C1729
C823 C1730 C824 C1731 C827
C1732 C830 C1733 C1026 C1734
C1301 C1735 C1302 C1736 C1303
C1737 C1304 C1738 C1305 C1739
C1306 C1740 C1307 C1741 C1308
C1742 C1309 C1743 C1310 C1744
C1311 C1745 C1312 C1746 C1313
C1747 C1314 C1748 C1315 C1749
C1750 C1751 C1752 C1753 C1754
C1755 C1756 C1757 C1758 C1759
C1760 C1761 C1762 C1763 C1764
C1765 C1766 C1767 C1768 C1769
C1770 C1771 C1772 C1773 C1774
C1775 C1776 C1777 C1778 C1779
C1780 C1781 C1782 C1783 C1784
C1785 C1786 C1787 C1788 C1789
C1790 C1791 C1792 C1793 C1794
C1795 C1796 C1798 C1799 C1800
C1801 C1802 C1804 C2001 C2002
C2003 C2004 C2005 C2006 C2007
C2008 C2009 C2010 C2011 C2012
C2013 C2014 C2015 C2016 C2017
C2018 C2019 C2020 C2021 C2022
C2023 C2024 C2025 C2026 C2027
C2028 C2029 C2030 C2031 C2032
C2033 C2034 C2035 C2036 C2037
C2038 C2039 C2040 C2041 C2042
C2043 C2044 C2045 C2046 C2047
C2048 C2049 C2050 C2051 C2052
C2053 C2054 C2055 C2056 C2057
C2058 C2059 C2060 C2061 C2062

C2063 C2064 C2065 C2066 C2067

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						C2069 C2103 C2104 C2105 C2106 C2107 C2108 C2109 C2110 C2116 C2119 C2120 C2124 C2125 C2203 C2204 C2205 C2206 C2207 C2208 C2209 C2210 C2216 C2219 C2220 C2224 C2225
1	43-4346C104	A	CAP,CHIP 0402,16V,Y5V,.,1uF,+80-20%	64.00	EA	C705 C706 C707 C708 C709 C710 C711 C712 C713 C714 C715 C716 C717 C718 C719 C720 C721 C722 C723 C724 C814 C901 C902 C903 C904 C905 C1025 C1101 C1102 C1103 C1104 C1105 C1108 C1110 C1111 C1112 C1113 C1114 C1115 C1117 C1118 C1119 C1120 C1121 C603 C604 C605 C606 C607 C608 C609 C610 C1205 C1206 C1207 C1208 C2113 C2114 C2115 C2123 C2213 C2214 C2215 C2223
1	43-4451C222	C	CAP,Ceramic 4532 10% 2000V, 2200pf	1.00	EA	C602
1	43-4505C107	B	Cap,Chip Ceramic,1210 X5R,100uF,6.3V	4.00	EA	C1031 C1033 C1109 C1116
1	43-4555C225	A	Cap,Low ESR Chip Ceremic,0603 2.2uF,16V	12.00	EA	C2111 C2112 C2121 C2122 C2127 C2128 C2211 C2212 C2221 C2222 C2227 C2228
1	43-6171C225	B	CAP, CHIP 1210 X7R 10% 2.2uF	1.00	EA	C1024
1	50-1112A26	A	10/100Base-T Dual Transformer	1.00	EA	T601
1	50-3085A19	A	INDUCTOR,Switching 20%,22uH,DR127-220	1.00	EA	L1002
1	50-3085A24	A	INDUCTOR, SWTCHING, 20%, 2.2uH	3.00	EA	L801 L802 L803
1	50-4347L220	C	INDCTR, 0402 MULTILYER CHP, +/- 5%,22nH	1.00	EA	L1201
1	64-4225A01	B	FILTER, EMI Suppression, BLM, 0805	4.00	EA	FL1101 FL1102 FL1103 FL1104
1	73-1022A79	A	CONN,SMA RT ANGLE, PCB,GOLD	1.00	EA	J1201
1	73-1155A40	A	Conn,DUAL,RJ45,8POS,RTSHLDw/YLW,GRN LEDS	1.00	EA	J602
1	73-1529A14	AN	CONN,D-SUB PCB RCPT 90 DEGREE 9 PIN	1.00	EA	J1102
1	73-2192A03	D	CONNECTOR,INTERFACE USB RTA PCB THRU-HOL	1.00	EA	J1103
1	73-2192A06	A	Connector, Interface	1.00	EA	J1101
1	73-2494A21	A	CONNECTOR,HEADER,SMT, 40 PIN	2.00	EA	J1801 J1802
1	73-3240A01	H	CONN,HEADER SMT 0.05" SPACING 10 PIN	2.00	EA	J1 J1401
1	73-4021A02	A	CONN,RT ANGLE,PCB, SMT,FFC/FPC	1.00	EA	J901
1	DR-4997A02	A	ASSY DWG, MERCURY AP DIGITAL	0.00	EA	REF

REV HISTORY LIST

REV DATE ECN# NOTES:

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02	11/3/10	CRM-ECO# 4019

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1	00-6413A01	A	SCHEMATIC, MERCURY 1W MIMO 2838	0.00	EA	REF
1	13-2024A08	C	DIODE,PIN SMT LOW PWR SMP1320-079	4.00	EA	CR501 CR504 CR601 CR604
1	13-2288A25	A	Suppressor, Diode,SOT-723,UNIDIRECTION'L	4.00	EA	CR505 CR506 CR605 CR606
1	13-2288A32	A	SUPPRESSOR, 1SMB10CAT3 Series	1.00	EA	CR203
1	13-3287A04	B	DIODE,SCHOTTKY POWER SMC SINGLE 30BQ100	1.00	EA	CR201
1	13-3287A13	A	DIODE,SCHOTTKY, D-PAK, 50WQ10FNPbF	1.00	EA	CR202
1	14-1773A07	K	TRANSISTOR,SC-70,NPN,GEN PUR 3904	2.00	EA	Q504 Q604
1	14-1774A11	M	TRANSISTOR,SOT-343,FET,ATF55143	2.00	EA	Q501 Q601
1	14-3164A05	B	TRANSISTOR,SOT23 2305	2.00	EA	Q200 Q201
1	15-1043A53	A	IC, 5V 500mA LDO, SOIC-8	1.00	EA	U204
1	15-1647A59	B	IC,CMOS TSSOP14 HEX SCMITT INVERTER	2.00	EA	U301 U302
1	15-1647A82	B	IC, 8 BIT BIDIRECT. VOLTAGE LEVEL	1.00	EA	U401
1	15-1648A75	D	IC,LIN.SOT-23-5 LDO VOLT REG MIC5255	3.00	EA	U201 U702 U802
1	15-1648A76	C	IC,LIN.SOT-232.7V TEMP SENSOR LM60CIM3	2.00	EA	U502 U602
1	15-1650A98	A	IC, PA, 40dB, +38dBm, 3.3-3.8GHz	2.00	EA	U501 U601
1	15-2083A13	A	IC, 2MBIT SPI FLASH	1.00	EA	U300
1	15-2284A29	A	IC, Switching Regulator 3A	1.00	EA	U200
1	15-2414A19	A	IC,DATA/ACQISITION,ADC088S052	1.00	EA	U304
1	15-4506A07	A	IC,WiMAX,3.6GHz Direct Conversion Xcvr	2.00	EA	U701 U801
1	20-2700A41	A	FILTER,RESONATOR,3800MHz LOWPASS	2.00	EA	FL502 FL602
1	29-1784A04	B	FUSE,SMD, 5AMP,125V	1.00	EA	FH201
1	32-6413A01	A	PCB, MERCURY 1W MIMO 2838	1.00	EA	PCB
1	35-1757R000	I	RESISTOR, CHIP 1206 0 ohm jumper	1.00	EA	R207
1	35-3459R1001	G	RESISTOR,CHIP 0603 1/10W 1% 1K	2.00	EA	R210 R211
1	35-3459R1213	A	RESISTOR,CHIP 0603 1/10W 1% 121K	1.00	EA	R208
1	35-3459R2052	B	RESISTOR, CHIP 0603 1/10W 1% 20.5K OHM	1.00	EA	R201
1	35-3459R2872	A	RESISTOR,CHIP 0603 1/10W 1% 28.7K	1.00	EA	R202
1	35-3459R4751	G	RESISTOR,CHIP 0603 1/10W 1% 4.75K	1.00	EA	R209
1	35-3947R10R0	C	RESISTOR,CHIP 1218 1 WATT 1% 10 OHM	1.00	EA	R204
1	35-4348R0000	D	RESTR,CHIP 0402, 1%, 0 OHM	50.00	EA	R301 R302 R303 R304 R305 R307 R308 R309 R310 R311 R312 R313 R314 R315 R316 R317 R318 R319 R327 R328 R330 R331 R332 R333 R334 R335 R336 R337 R338 R339 R340 R341 R342 R343 R344 R345 R505 R605 R702 R710 R711 R712 R715 R716 R802 R810 R811 R812 R815 R816
1	35-4348R1001	D	RESTR,CHIP 0402, 1%, 1K OHM	2.00	EA	R504 R604
1	35-4348R1003	D	RESTR,CHIP 0402, 1%, 100K OHM	4.00	EA	R323 R324 R325 R326
1	35-4348R1241	D	RESTR,CHIP 0402, 1%, 1.24K	1.00	EA	R206
1	35-4348R1503	B	RESTR,CHIP 0402, 1%, 150K OHM	2.00	EA	R513 R613
1	35-4348R15R0	D	RESTR, CHIP, 0402, 1%, 15 OHM	1.00	EA	R320
1	35-4348R24R0	D	RESTR,CHIP 0402, 1%, 24.0 OHM	8.00	EA	R501 R510 R511 R512 R601 R610 R611 R612

1	35-4348R3R30	F	RESTR,CHIP 0402, 5%, 3.3 OHM	1.00 EA	R401
1	35-4348R4751	D	RESTR,CHIP 0402, 1%, 4.75K OHM R614 R620	8.00 EA	R321 R322 R503 R514 R520 R603
1	35-4348R4991	A	RESTR,CHIP 0402, 1% 4.99K OHM	1.00 EA	R205

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1	35-4348R49R9	D	RESTR,CHIP 0402, 1%, 49.9 OHM	4.00	EA	R502 R508 R602 R608
1	35-4348R7500	A	RESTR,CHIP 0402, 1%, 7.5K OHM	4.00	EA	R713 R714 R813 R814
1	43-3276C121	G	CAP,CHIP 0603 50V NPO 5% 120pf	2.00	EA	C721 C821
1	43-3276C221	G	CAP,CHIP 0603 50V NPO 5% 220 pf	1.00	EA	C207
1	43-3276C331	G	CAP,CHIP 0603 50V NPO 5% 330pf	1.00	EA	C211
1	43-3276C820	G	CAP,CHIP 0603 50V NPO 5% 82pf	1.00	EA	C210
1	43-3277C222	F	CAP,CHIP 0603 X7R 10% 2200pf	2.00	EA	C722 C822
1	43-3277C223	F	Capacitor, Chip 0603 X7R 10% .022	2.00	EA	C208 C209
1	43-3568C225	A	Cap, Chip, Low ESR, 10%, 1210 2.2 uF	4.00	EA	C201 C202 C203 C204
1	43-3568C226	K	Capacitor,Low ESR Chip Ceremic,1210 22uF	7.00	EA	C215 C216 C232 C528 C628 C735 C835
1	43-4342C0R9	A	CAP,CHIP 0402,25V, LOW ESR,UTT 0.9pF	2.00	EA	C503 C603
1	43-4342C1R0	B	CAP,CHIP 0402,25V, LOW ESR,UTT 1.0pF	2.00	EA	C526 C626
1	43-4342C2R0	B	CAP,CHIP 0402,25V, LOW ESR,UTT 2.0pF	2.00	EA	C518 C618
1	43-4342C2R2	A	CAP,CHIP 0402,25V, LOW ESR,UTT 2.2pF	4.00	EA	C523 C524 C623 C624
1	43-4342C3R0	A	CAP,CHIP 0402,25V, LOW ESR,UTT 3.0pF	2.00	EA	C525 C625
1	43-4343C100	A	CAP,CHIP 0402,50V, NPO, LOW ESR,10pF	22.00	EA	C502 C505 C512 C513 C514 C517 C519 C529 C541 C543 C550 C602 C605 C612 C613 C614 C617 C619 C629 C641 C643 C650
1	43-4343C3R3	C	CAP,CHIP 0402,50V, NPO, LOW ESR,3.3pF	26.00	EA	C506 C507 C509 C511 C555 C606 C607 C609 C611 C655 C701 C702 C704 C706 C717 C725 C727 C730 C731 C801 C802 C804 C806 C817 C825 C827
1	43-4343C4R7	B	CAP,CHIP 0402,50V, NPO, LOW ESR,4.7pF	4.00	EA	C718 C719 C818 C819
1	43-4345C102	A	CAP,CHIP 0402,50V,X7R,1000pF	18.00	EA	C520 C521 C522 C527 C530 C532 C535 C537 C540 C620 C621 C622 C627 C630 C632 C635 C637 C640
1	43-4345C103	A	CAP,CHIP 0402,16V,X7R,.01uF	18.00	EA	C206 C230 C231 C300 C301 C307 C508 C510 C515 C516 C608 C610 C615 C616 C733 C734 C833 C834
1	43-4346C104	A	CAP,CHIP 0402,16V,Y5V,.1uF,+80-20%	25.00	EA	C205 C305 C306 C401 C402 C703 C705 C714 C715 C716 C720 C723 C726 C728 C732 C803 C805 C814 C815 C816 C820 C823 C826 C828 C832
1	43-4505C107	B	Cap,Chip Ceramic,1210 X5R,100uF,6.3V	1.00	EA	C212
1	43-4555C105	A	Cap,Low ESR Chip Ceremic,0603 1uF,16V	14.00	EA	C531 C533 C534 C536 C539 C631 C633 C634 C636 C639 C724 C729 C824 C829
1	43-4555C225	A	Cap,Low ESR Chip Ceremic,0603 2.2uF,16V	1.00	EA	C304
1	50-1801A06	A	TRANSFORMER, BALUN, 50-100, 3.6GHz	4.00	EA	T700 T701 T800 T801
1	50-3085A19	A	INDUCTOR,Switching 20%,22uH,DR127-220	1.00	EA	L202
1	50-3085A24	A	INDUCTOR, SWTCHING, 20%, 2.2uH	1.00	EA	L201
1	50-4347L100	C	INDCTR, 0402 MULTILYER CHP, +/- 5%,10nH	4.00	EA	L502 L503 L602 L603

1	50-4347L2R2	C	INDCTR, 0402 MULTI CHP, +/- 0.3nH, 2.2nH	2.00 EA	L701 L801
1	50-4347L4R7	C	INDCTR, 0402 M-LYR CHP, +/- 0.3nH, 4.7nH	6.00 EA	L504 L505 L604 L605 L702 L802
1	64-1019A22	A	FILTER, CERAMIC, 3.6GHz	2.00 EA	FL501 FL601

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1	73-1022A43	E	CONN,COAX,TNC PCB MANT,NICKEL	2.00	EA	J501 J601
1	73-1194A52	B	CONN TERM STRIP,5mm 2 pin PCB mount BLK	1.00	EA	J201
1	73-2494A19	B	CONNECTOR, SMT, 40 PINS, RECEPTACLE	2.00	EA	J300 J301
1	82-3154A65		SHIELD	2.00	EA	SHLD1 SHLD2 SHLD1C SHLD2C
1	DR-6413A01	A	ASSY DWG, MERCURY 1W MIMO 2838	0.00	EA	REF

REV HISTORY LIST

REV DATE ECN# NOTES:

01	9/8/10	CRM-ECO# 3840
02	11/3/10	CRM-ECO# 4018

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Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
1	00-6413A01	A	SCHEMATIC, MERCURY 1W MIMO 2838	0.00	EA	REF
1	13-2024A08	C	DIODE,PIN SMT LOW PWR SMP1320-079	4.00	EA	CR501 CR504 CR601 CR604
1	13-2288A25	A	Suppressor, Diode,SOT-723,UNIDIRECTION'L	4.00	EA	CR505 CR506 CR605 CR606
1	13-2288A32	A	SUPPRESSOR, 1SMB10CAT3 Series	1.00	EA	CR203
1	13-3287A04	B	DIODE,SCHOTTKY POWER SMC SINGLE 30BQ100	1.00	EA	CR201
1	13-3287A13	A	DIODE,SCHOTTKY, D-PAK, 50WQ10FNPbF	1.00	EA	CR202
1	14-1773A07	K	TRANSISTOR,SC-70,NPN,GEN PUR 3904	2.00	EA	Q604 Q504
1	14-1774A11	M	TRANSISTOR,SOT-343,FET,ATF55143	2.00	EA	Q601 Q501
1	14-3164A05	B	TRANSISTOR,SOT23 2305	2.00	EA	Q201 Q200
1	15-1043A53	A	IC, 5V 500mA LDO, SOIC-8	1.00	EA	U204
1	15-1647A59	B	IC,CMOS TSSOP14 HEX SCMITT INVERTER	2.00	EA	U301 U302
1	15-1647A82	B	IC, 8 BIT BIDIRECT. VOLTAGE LEVEL	1.00	EA	U401
1	15-1648A75	D	IC,LIN.SOT-23-5 LDO VOLT REG MIC5255	3.00	EA	U702 U201 U802
1	15-1648A76	C	IC,LIN.SOT-232.7V TEMP SENSOR LM60CIM3	2.00	EA	U502 U602
1	15-1650A98	A	IC, PA, 40dB, +38dBm, 3.3-3.8GHz	2.00	EA	U501 U601
1	15-2083A13	A	IC, 2MBIT SPI FLASH	1.00	EA	U300
1	15-2284A29	A	IC, Switching Regulator 3A	1.00	EA	U200
1	15-2414A19	A	IC,DATA/ACQISITION,ADC088S052	1.00	EA	U304
1	15-4506A07	A	IC,WiMAX,3.6GHz Direct Conversion Xcvr	2.00	EA	U801 U701
1	20-2700A41	A	FILTER,RESONATOR,3800MHz LOWPASS	2.00	EA	FL602 FL502
1	29-1784A04	B	FUSE,SMD, 5AMP,125V	1.00	EA	FH201
1	32-6413A01	A	PCB, MERCURY 1W MIMO 2838	1.00	EA	PCB
1	35-1757R000	I	RESISTOR, CHIP 1206 0 ohm jumper	1.00	EA	R207
1	35-3459R1001	G	RESISTOR,CHIP 0603 1/10W 1% 1K	2.00	EA	R211 R210
1	35-3459R1213	A	RESISTOR,CHIP 0603 1/10W 1% 121K	1.00	EA	R208
1	35-3459R2052	B	RESISTOR, CHIP 0603 1/10W 1% 20.5K OHM	1.00	EA	R201
1	35-3459R2872	A	RESISTOR,CHIP 0603 1/10W 1% 28.7K	1.00	EA	R202
1	35-3459R4751	G	RESISTOR,CHIP 0603 1/10W 1% 4.75K	1.00	EA	R209
1	35-3947R10R0	C	RESISTOR,CHIP 1218 1 WATT 1% 10 OHM	1.00	EA	R204
1	35-4348R0000	D	RESTR,CHIP 0402, 1%, 0 OHM	48.00	EA	R815 R301 R302 R303 R304 R305 R307 R308 R309 R310 R311 R312 R313 R314 R315 R316 R317 R318 R319 R327 R328 R330 R331 R332 R333 R334 R335 R336 R337 R338 R339 R340 R341 R342 R343 R344 R345 R702 R710 R711 R712 R715 R716 R802 R810 R811 R812 R816
1	35-4348R1001	D	RESTR,CHIP 0402, 1%, 1K OHM	2.00	EA	R504 R604
1	35-4348R1003	D	RESTR,CHIP 0402, 1%, 100K OHM	4.00	EA	R326 R325 R324 R323
1	35-4348R1241	D	RESTR,CHIP 0402, 1%, 1.24K	1.00	EA	R206
1	35-4348R1503	B	RESTR,CHIP 0402, 1%, 150K OHM	2.00	EA	R513 R613
1	35-4348R15R0	D	RESTR, CHIP, 0402, 1%, 15 OHM	1.00	EA	R320
1	35-4348R2200	D	RESTR,CHIP 0402, 1%, 220 OHM	4.00	EA	R506 R607 R606 R507
1	35-4348R24R0	D	RESTR,CHIP 0402, 1%, 24.0 OHM	10.00	EA	R610 R612 R505 R510 R511 R512 R501 R605 R601 R611
1	35-4348R3R30	F	RESTR,CHIP 0402, 5%, 3.3 OHM	1.00	EA	R401

1	35-4348R4120	E	RESTR,CHIP 0402, 1%, 412 OHM	4.00 EA	R820 R821 R720 R721
1	35-4348R4751	D	RESTR,CHIP 0402, 1%, 4.75K OHM	8.00 EA	R520 R603 R503 R322 R514 R614
			R321 R620		

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Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
1	35-4348R4991	A	RESTR,CHIP 0402, 1% 4.99K OHM	1.00	EA	R205
1	35-4348R49R9	D	RESTR,CHIP 0402, 1%, 49.9 OHM	12.00	EA	R823 R822 R725 R724 R723 R722 R608 R602 R508 R502 R825 R824
1	35-4348R7500	A	RESTR,CHIP 0402, 1%, 7.5K OHM	4.00	EA	R814 R713 R714 R813
1	43-3276C121	G	CAP,CHIP 0603 50V NPO 5% 120pf	2.00	EA	C721 C821
1	43-3276C221	G	CAP,CHIP 0603 50V NPO 5% 220 pf	1.00	EA	C207
1	43-3276C331	G	CAP,CHIP 0603 50V NPO 5% 330pf	1.00	EA	C211
1	43-3276C820	G	CAP,CHIP 0603 50V NPO 5% 82pf	1.00	EA	C210
1	43-3277C222	F	CAP,CHIP 0603 X7R 10% 2200pf	2.00	EA	C822 C722
1	43-3277C223	F	Capacitor, Chip 0603 X7R 10% .022	2.00	EA	C209 C208
1	43-3568C225	A	Cap, Chip, Low ESR, 10%, 1210 2.2 uF	4.00	EA	C201 C202 C203 C204
1	43-3568C226	K	Capacitor,Low ESR Chip Ceremic,1210 22uF	7.00	EA	C215 C216 C232 C528 C628 C735 C835
1	43-4026C0R4	A	Cap, Chip 0603, 50V, NPO, Low ESR, 0.4pF	2.00	EA	C501 C601
1	43-4342C0R9	A	CAP,CHIP 0402,25V, LOW ESR,UTT 0.9pF	2.00	EA	C503 C603
1	43-4342C1R0	B	CAP,CHIP 0402,25V, LOW ESR,UTT 1.0pF	2.00	EA	C526 C626
1	43-4342C2R0	B	CAP,CHIP 0402,25V, LOW ESR,UTT 2.0pF	2.00	EA	C518 C618
1	43-4342C2R2	A	CAP,CHIP 0402,25V, LOW ESR,UTT 2.2pF	4.00	EA	C523 C524 C623 C624
1	43-4342C3R0	A	CAP,CHIP 0402,25V, LOW ESR,UTT 3.0pF	2.00	EA	C525 C625
1	43-4343C100	A	CAP,CHIP 0402,50V, NPO, LOW ESR,10pF	22.00	EA	C613 C612 C605 C602 C550 C543 C541 C529 C519 C517 C514 C513 C512 C505 C502 C614 C650 C643 C641 C629 C619 C617
1	43-4343C3R3	C	CAP,CHIP 0402,50V, NPO, LOW ESR,3.3pF	26.00	EA	C730 C731 C801 C802 C725 C727 C804 C806 C555 C511 C509 C507 C506 C827 C825 C817 C655 C701 C702 C606 C717 C706 C704 C611 C609 C607
1	43-4343C4R7	B	CAP,CHIP 0402,50V, NPO, LOW ESR,4.7pF	4.00	EA	C718 C719 C818 C819
1	43-4345C102	A	CAP,CHIP 0402,50V,X7R,1000pF	18.00	EA	C520 C521 C522 C527 C530 C532 C535 C537 C540 C620 C621 C622 C627 C630 C632 C635 C637 C640
1	43-4345C103	A	CAP,CHIP 0402,16V,X7R,.01uF	18.00	EA	C206 C230 C231 C300 C301 C307 C508 C510 C515 C516 C608 C610 C615 C616 C733 C734 C833 C834
1	43-4346C104	A	CAP,CHIP 0402,16V,Y5V,.1uF,+80-20%	25.00	EA	C703 C705 C714 C715 C716 C720 C723 C726 C728 C732 C803 C805 C814 C815 C816 C820 C823 C826 C828 C832 C205 C305 C306 C401 C402
1	43-4505C107	B	Cap,Chip Ceramic,1210 X5R,100uF,6.3V	1.00	EA	C212
1	43-4555C105	A	Cap,Low ESR Chip Ceremic,0603 1uF,16V	14.00	EA	C531 C533 C534 C536 C539 C631 C633 C634 C636 C639 C724 C729 C824 C829
1	43-4555C225	A	Cap,Low ESR Chip Ceremic,0603 2.2uF,16V	1.00	EA	C304
1	50-1801A06	A	TRANSFORMER, BALUN, 50-100, 3.6GHz	4.00	EA	T700 T701 T800 T801

1	50-3085A19	A	INDUCTOR,Switching 20%,22uH,DR127-220	1.00	EA	L202
1	50-3085A24	A	INDUCTOR, SWTCHING, 20%, 2.2uH	1.00	EA	L201
1	50-4347L100	C	INDCTR, 0402 MULTILYER CHP, +/- 5%,10nH	4.00	EA	L502 L503 L602 L603

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Level	Part Number	Rev	Description	Quantity	U-M	Reference Designators/Notes
1	50-4347L2R2	C	INDCTR, 0402 MULTI CHP, +/- 0.3nH, 2.2nH	2.00	EA	L701 L801
1	50-4347L4R7	C	INDCTR, 0402 M-LYR CHP, +/- 0.3nH, 4.7nH	6.00	EA	L504 L505 L604 L605 L702 L802
1	50-4619L1R2	A	Inductor, 0603, 1.2nH, +/-0.1nH	2.00	EA	L501 L601
1	64-1019A22	A	FILTER, CERAMIC, 3.6GHz	2.00	EA	FL501 FL601
1	73-1022A43	E	CONN,COAX,TNC PCB MANT,NICKEL	2.00	EA	J501 J601
1	73-1194A52	B	CONN TERM STRIP,5mm 2 pin PCB mount BLK	1.00	EA	J201
1	73-2494A19	B	CONNECTOR, SMT, 40 PINS, RECEPTACLE	2.00	EA	J300 J301
1	82-3154A65		SHIELD	2.00	EA	SHLD1 SHLD2 SHLD1C SHLD2C
1	DR-6413A01	A	ASSY DWG, MERCURY 1W MIMO 2838	0.00	EA	REF

REV HISTORY LIST

REV DATE ECN# NOTES:

01	9/8/10	CRM-ECO# 3840	
02	11/3/10	CRM-ECO# 4018	