

133543-20008 - PWA, LMU2000, BEACON, APP/GSM LAYER (Rev. G)										
Item	Part Number	Qty	UOM	Refdes	Find	Description	Rev	Alternate	Notes	Special
1	133542/F	1		A1		PWB, 08D3000 APP-GSM	F			
2	1CF148-104	4		C6,C17,C31,C53		CAP, CHIP, 0.1 UF, +/-10%, 50V, X7R, 0603 (WAS: 73721-104)	B			
3	1CF557-221	2		C10,C11		CAP, CHIP, 220 PF, +/-5%, 25V, NPO, 0402 (WAS: 73685-221)	A1			
4	1CF559-104	13		C25,C26,C34,C43,C44,C51,C54,C55,C56,C57,C60,C64,C65		CAP, CHIP, 0.1 UF, +/-10%, 10V, X5R, 0402 (WAS: 73555)	B			
5	1CF563-100	1		C37		CAP, CHIP, 10 PF, +/-0.5 PF, 50V, NPO, 0402	B			
6	1CF568-154	1		C4		CAP, CHIP, 0.15 UF, +80%/-20%, 50V, Y5V, 0603	A			
7	1CF599-180	2		C40,C41		CAP, CHIP, 18 PF, +/-5%, 50V, NPO, 0402	A			
8	1CF599-470	5		C27,C28,C29,C30,C36		CAP, CHIP, 47 PF, +/-5%, 50V, NPO, 0402	A			
9	1CF599-820	1		C18		CAP, CHIP, 82 PF, +/-5%, 50V, NPO, 0402	A			
10	1CF661-471	1		C21		CAP, CHIP, 470 PF, +/-10%, 25V, X7R, 0402 (WAS: 73554-471)	A			
11	1CF664-106	6		C7,C9,C48,C50,C52,C58		CAP, CHIP, 10 UF, +/-20%, 6.3V, X5R, 0603	A			
12	1CF664-225	1		C63		CAP, CHIP, 2.2 UF, 6.3V, X5R, 0603	A			
13	1CF722-102	15		C39,C42,C45,C46,C47,C66,C67,C68,C69,C70,C71,C72,C73,C74,C75		CAP, CER, 1000 PF, +/-10%, 100V, X7R, 0402	A			
14	1CF723-103	5		C8,C35,C49,C61,C62		CAP, CHIP, 0.01 UF, +/-10%, 50V, X7R, 0402	B			
15	1CF751-226	7		C19,C20,C32,C33,C80,C81,C82		CAP, CHIP, 22 UF, +/-20%, 6.3V, X5R, 0805	C			
16	1CF755-106	5		C15,C76,C77,C78,C79		CAP, CHIP, 10 UF, +80%/-20%, 50V, Y5V, 1210	A1			
17	1CF766-225	1		C16		CAP, CHIP, 2.2 UF, +80%/-20%, 50V, Y5V, 1206	A			
18	1CF790-105	1		C38		CAP, CHIP, 1.0 UF, +/-10%, 6.3V, X5R, 0402	A			
19	1DF145-360	1		D1		DIODE, RECTIFIER, 600V, 3.0A, GALLS PASSIVATED, SMT	A1			
20	1DF145-SMBI33A	1		D2		TRANSIENT VOLTAGE SUPPRESSOR, DO-214AA (WAS: 71964-SMBI33A)	C1			
21	1DF149-A23C3V3	1		D9		DIODE, ZENER, COMMON ANODE, 3.3V, 300MW, SOT-23	A			
22	1DF149-B340A	2		D3,D11		DIODE, SCHOTTKY, 3A, SMA, B340A	A			
23	1DF248-121UD	1		D5		LED, SUPERBRIGHT ORANGE, WATER CLEAR LENS, RT ANGLE, SMD	C			
24	1DF248-121USD	1		D7		LED, ULTRA BRIGHT RED, WATER CLEAR LENS, RT ANGLE, SMD	B			
25	1DF248-121UYG	1		D6		LED, SUPERBRIGHT YELLOW GREEN, WATER CLEAR LENS, RT ANGLE, SMD	B			
26	1DF374-4148SE	3		D4,D8,D10		DIODE, SMALL SIGNAL, MMBD4148SE	A			
27	1JF155-53048-0410	1		J2		CONN, 4P, THRU-HOLE, PICO BLADE, 1.25MM, RT ANGLE, 53048	A			
28	1JF465-20279	1		J11		CONN, RF, RECEPTACLE, MHF SERIES MICRO COAXIAL, SMD	C			
29	1JF724-08965	1		J4		CONN, SIM CARD HOLDER	A			
30	1JF724-SIMSHIELD	1		SHD1		SIM SHIELD, CARD, WIDE SLOT OPENING, 10 15.35 IN	B			
31	1LF176-1N8	1		L2		INDTR, 1.8NH, +/-0.2NH, FIXED, 0603 SMD	A			
32	1LF627-472TY	1		L3		INDTR, SMT POWER, 4.7UH, 2.7A, 6028, NR TYPE	A			
33	1LF627-473	1		L4		INDTR, SMT POWER, 47UH, 10%, 280MA, 1812, LQ43C	A			
34	1QF122-32F103REV6	1		U5		IC, ARM 32-BIT MCU, 512KB FLASH, WLCSP64, STM32F103	A			
35	1QF123-25Q32CVSSIG	1		U7		FLASH, SPI, SERIAL, 32 MBIT, 8-SOP	A1			
36	1QF126-NC7S200	1		U9		IC, SINGLE, 2 INPUT NAND GATE, SOT23-5, NC7S200MSX	A			
37	1QF126-LIS3DH	1		U8		IC, SENSOR, ACCELEROMETER, MEMS, LOW POWER, 3 AXIS, LGA16-3X3	A			
38	1QF127-AP13933	2		U1 U6		IC, LDO, LOW NOISE CMOS, 3.3V, 300MA, SOT23-5	B1			
39	1QF127-MICS159	1		U4		IC, LDO, ADJUSTABLE, EXT PFET, SOT23-6	A			
40	1QF127-MP2565Q	1		U2		IC, STEP-DOWN CONVERTER, 2.5A, 4 MHZ, 50V, QFN10	C			
41	1QF158-6375	1		Q5		XSTR, MOSFET, P-CHANNEL, 2.5V, -8A SMD, 508	A			
42	1RF103-000	1		R66		RES, CHIP, 00 OHM, +/-5%, 1206 (WAS: 75232)	B			
43	1RF105-000	2		R12,R157		RES, CHIP, 00 OHM, +/-5%, 0603 (WAS: 75361; C806-0000-001; 1R105-0R0)	A			
44	1RF560-000	1		R70		RES, CHIP, 00 OHM, +/-5%, 0402 (WAS: 75906-000)	A			
45	1RF560-101	3		R11,R16,R22		RES, CHIP, 100 OHM, +/-5%, 0402 (WAS: 75906-101)	A1			
46	1RF560-102	5		R14,R19,R33,R37,R51		RES, CHIP, 1.0K OHM, +/-5%, 0402 (WAS: 75906-102)	A			
47	1RF560-103	4		R9,R15,R20,R28		RES, CHIP, 10K OHM, +/-5%, 0402 (WAS: 75906-103)	A			
48	1RF560-105	1		R13		RES, CHIP, 1M OHM, +/-5%, 0402 (WAS: 75906-105)	A			
49	1RF560-204	1		R32		RES, CHIP, 200K OHM, +/-5%, 0402	B			
50	1RF560-220	1		R1		RES, CHIP, 22 OHM, +/-5%, 0402 (WAS: 75729)	A			
51	1RF560-331	6		R29,R30,R31,R41,R43,R45		RES, CHIP, 330 OHM, +/-5%, 0402 (WAS: 75888)	B			
52	1RF560-560	1		R25		RES, CHIP, 56 OHM, +/-5%, 0402	A			
53	1RF786-1003	34		R2,R7,R8,R10,R17,R21,R23,R24,R26,R34,R35,R36,R38,R39,R40,R42,R47,R48,R49,R50,R52,R54,R55,R56,R57,R58,R59,R60,R61,R62,R63,R64,R65,R68		RES, CHIP, 100K OHM, +/-1%, 0402 (WAS: 75708)	A			
54	1RF786-1503	1		R44		RES, CHIP, 150K OHM, +/-1%, 0402	A			
55	1RF786-2053	1		R3		RES, CHIP, 205K OHM, +/-1%, 0402	A			
56	1RF786-2212	1		R27		RES, CHIP, 22.1K OHM, +/-1%, 0402 (WAS: 75876-2212)	A			
57	1RF786-3902	2		R4,R6		RES, CHIP, 39K OHM, +/-1%, 0402	A			
58	1RF786-5101	1		R46		RES, CHIP, 5.1K OHM, +/-1%, 0402	A			
59	1RF786-9092	1		R5		RES, CHIP, 90.9K OHM, +/-1%, 0402	A			
60	1TF153-BSS138	5		Q1,Q2,Q4,Q7,Q9		XSTR, N-CHANNEL, 50V, 220 MA, SMD, SOT-23 (WAS: 77189-BSS138)	A1			
61	1TF158-BSS84	1		Q3		XSTR, P-CHANNEL, ENHANCED-MODE, DMOS, SOT-23	A			
62	1XF415-MSMF150	1		F1		FUSE, PTC, RESETABLE, 3A, 24V, SMD, 1812	B1			
63	1YF496-12.0000	1		Y1		CRYSTAL, 12.0000 MHZ, 30 PPM, 18PF, -40 TO +85, SMT 3.2X2.5MM CERAMIC	B			
64	4G546-LEONG65	1		U3		UBLOX, IC, GPS MODULE, LEONG65	B			
65	79-00319	1		SEE ASSEMBLY DRAWING NOTE 6		ADH, LOCTITE 3609	B			