

L850-GL-01-00 PCBA BOM

No	Part No	Ref. Des	Qty	Type	Main part			Replace part			Note
					Description	Package	Vendor	Part No	Description	Vendor	
1	34.9943.00.14.01	BB_IC401	1	MCU	PMB9943. P10/ES2. 1, X-GOLD736G ES2. 1, GSM/WCDMA/HSPA+/TD-SCDMA/LTE Baseband Controller, -30~85°C, WF2BGA-479BALL, 10.5*8.5*0.8mm	WF2BGA-479BALL	Intel				
2	31.5803.00.49.01	IC501	1	MCP	TC58NYGOS3HBAT6, 1Gb (128M*8bit) CMOS NAND E ² PROM, 1.8V, VFBGA67, 8.0*6.5*1.0mm, -40~85°C	VFBGA67	Toshiba				
3	31.6826.00.40.01	BB_IC800	1	PMU	PMB6826A. E200, X-PMU736, 2.5~5.0V, -30~85°C, WLB-64BALL, 3.24*3.24*0.6mm	WLB-64BALL	Intel				
4	31.5750.00.00.01	RF_IC100, RF_IC200	2	Transceiver	PMB5750. E220, GSM/WCDMA/HSPA+/TD-SCDMA/LTE RF Transceiver, 2.5~5.0V, -30~85°C, UFWLB-146BALL, 4.94*4.625*0.6mm	UFWLB-146BALL	Intel				
5	35.8113.00.11.01	RF_IC902	1	PA	SKY78113-14, RF PA, WCDMA/LTE Bands26/8/12/13/20/27/28/29, 2.5~4.5V, -20~80°C, LGA-50Pin, 7.0*6.0*0.8mm	LGA-50Pin	Skyworks				
6	35.7811.00.12.01	RF_IC500	1	PA	SKY78114-31, RF PA, WCDMA/LTE Bands1/2/3/66/25/34/39, 2.5~4.5V, -20~70°C, LGA-44Pin, 7.0*4.7*0.85mm	LGA-44Pin	Skyworks				
7	35.8117.00.13.01	RF_IC600	1	PA	SKY78117-14, RF PA, FDD/TDD LTE Bands7/30/38/40/41, 2.9~4.5V, -20~70°C, LGA-34Pin, 5.0*4.3*0.8mm	LGA-34Pin	Skyworks				
8	35.7791.01.14.01	RF_IC302	1	PA	SKY77791-12, RF PA, LTE Bands11/21, 2.7~4.5V, -20~85°C, LGA-8Pin, 2.0*1.8*0.75mm	LGA-8Pin	Skyworks				
9	35.7020.00.15.01	RF_IC300	1	PA DCDC	SKY87020-12, PA APT DCDC, Vin:2.5~5.5V, -30~85°C, LGA-16Pin, 2.005*2.005*0.695mm	LGA-16Pin	Skyworks				
10	31.1206.00.79.01	RF_IC304, RF_IC305, RF_IC306, RF_IC501, RF_IC701	5	SWITCH	SPDT BGS12SN6, Supply Voltage=1.8V~3.5V, TSNP-6-2, 1.1mm*0.7mm*0.375mm, -40~85°C	TSNP-6-2	Infineon				
11	33.2526.01.02.01	RF_FIL601	1	Diplexer	DPX252690DT-5225A1, Multilayer Diplexer, 699~2170/2300~2690MHz, -40~85°C, 2520, 2.5*2.0*0.9mm	2520	TDK				
12	33.1043.00.15.01	RF_DUP300	1	Duplexer	SAYEY1G43BA0FOA, SAW Duplexer for Band11, Unbalanced, -30~85°C, 1814, 1.8*1.4*0.6mm	1814	Murata				
13	33.1045.00.15.01	RF_DUP301	1	Duplexer	SAYEY1G45BA0FOA, SAW Duplexer for Band21, Unbalanced, -20~85°C, 1814, 1.8*1.4*0.6mm	1814	Murata				
14	33.2018.00.13.01	RF_FIL301	1	Diplexer	DPX201880DT-4061A2, Multilayer Diplexer, 698~1511/1710~2700MHz, -40~85°C, 2012, 2.0*1.25*1.0mm	2012	TDK				
15	33.2026.00.13.01	RF_FIL300	1	Diplexer	DPX202690DT-4084A1, Multilayer Diplexer, 1710~2170/2500~2690MHz, -40~85°C, 2012, 2.0*1.25*1.0mm	2012	TDK				
16	33.9500.00.11.01	RF_DUP900	1	Duplexer	SKY95000-11, SAW Duplexer for Band13, Unbalanced, -30~90°C, 1713, 1.7*1.3*0.35mm	1713	Skyworks				

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17	33.1620.01.20.01	RF_FIL502	1	Filter	DEA162025LT-5046C1, Low Pass Filter for Band34/39, -40~85°C, 1608, 1.6*0.8*0.7mm	1608	TDK				
18	33.2026.01.13.01	RF_FIL503, RF_FIL702	2	Diplexer	DPX202690DT-4082A1, Mutlilayer Diplexer, 699~960/1427~2690MHz, -40~85°C, 2012, 2.0*1.25*0.9mm	2012	TDK				
19	33.1030.00.15.01	RF_DUP600	1	Duplexer	TQQ1030, Band 30 BAW Duplexer, Unbalanced, -20~90°C, 1814, 1.8*1.4*0.73mm	1814	Qorvo				
20	33.2035.01.19.01	RF_FIL600	1	Filter	SAFEA2G35MH0FOA, SAW Single Filter for Band40, Unbalanced, -20~85°C, 1411, 1.35*1.05*0.5mm	1411	Murata				
21	33.2149.00.15.01	RF_FIL602	1	Diplexer	ACFM-2149, Antenna Diplexer for Band39/41, -35~90°C, 1814, 1.8*1.4*0.8mm	1814	Avago				
22	33.3750.00.23.01	RF_IC703	1	DIV-FEM	SKY13750-11, ES4.0, MB/HB Div FEM for Bands1/3/4/7/25/30/39/40A/41B, 2.7~3.0V, -30~85°C, LGA-24pin, 5.0*4.0*0.8mm	LGA-24pin	Skyworks				
23	33.3713.00.23.01	RF_IC702	1	DIV-FEM	SKY13713-21, RX Div FEM for Bands8/12/13/20/26/28A/28B/29, 2.85V, -30~85°C, LGA-24pin, 4.0*3.0*0.7mm	LGA-24pin	Skyworks				
24	33.2650.00.12.01	RF_FIL706	1	Filter	SAFFB2G65AA0FOA, SAW Single Filter for Band7, Unbalanced, -30~85°C, 1109, 1.1*0.9*0.5mm	1109	Murata				
25	33.1048.00.12.01	RF_FIL705	1	Filter	SAFFB1G48KA0FOA, SAW Single Filter for Band11, Unbalanced, -30~85°C, 1109, 1.1*0.9*0.5mm	1109	Murata				
26	33.1050.00.12.01	RF_FIL703	1	Filter	SAFFB1G50KA0FOA, SAW Single Filter for Band21, Unbalanced, -30~85°C, 1109, 1.1*0.9*0.5mm	1109	Murata				
27	33.2014.01.12.01	RF_FIL704	1	Filter	SAW filter, SAW FILTER FOR BAND1/BAND4 RX, unbalanced, -30~85°C, 1109, 1.1*0.9*0.5mm, SAFFB2G14AA0FOA	1109	Murata				
28	31.0716.00.79.02	RF_IC903	1	LNA	BGA7H1N6, Low Noise Amplifier for LTE, 1.5~3.3V, -40~85°C, TSNP-6-2, 1.1*0.7*0.4mm	TSNP-6-2	Infineon				
29	31.2100.00.10.01	IC1400	1	GPS	WCS2100, Independent GPS/GLONASS/BeiDou/Galileo Receiver, 2.5~4.8V, -30~85°C, WLCSP-48BALL, 3.46*3.46*0.575mm	WLCSP-48BALL	Intel				
30	33.8813.00.12.01	FIL1400	1	Filter	B8813, SMD GPS/GNSS saw, -30~85°C, Package1109, Height 0.45mm	1109	EPCOS				
31	31.1607.00.17.01	IC1401	1	RF-Modules	RDALN1607, GPS/GNSS Low Noise Amplifier, 1.6~2.8V, -40~85°C, 1107, 11*0.7*0.5mm	1107	RDA				
32	33.9162.00.11.01	FIL1402	1	Filter	B39162B8666L210, SAW Extractor BeiDou/GPS/Glonass, -30~85°C, 1713, 1.7*1.3*0.6mm	1713	EPCOS				

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33	15.8180.03.00.01	RF_CON501, RF_CON701	2	RF Connector	SMD RF Connector:818004607, 4pin, 2020, 2.0mm*2.0mm*0.7mm, -40°C~85°C	2020	ECT	15.2044.03.00.01	SMD RF Connector:20449-001E, 4pin, 2020, 2.0mm*2.0mm*0.7mm, -40°C~85°C	I-PEX	
34	18.2600.01.14.01	RF_X100	1	Crystal	1XXG26000PDA, TC Crystal Oscillator (VC-TCXO), 26MHz±1.5ppm, 1.7~1.9V, -30~85°C, 1612, 1.6*1.2*0.55mm	1612	KDS				
35	18.8100.01.00.01	BB_X700	1	Crystal	SMD crystal CM8V-T1A, Crystal 32.768kHz, 12.5pF±20ppm, 2.0*1.2*0.6mm, -40~85°C	2012	Micro Crystal	18.0064.01.13.01	SMD crystal EXS00A-MU00644, 32.768KHz±20ppm, 12.5pF, -40°C~85°C, Package:2012, 2.0mm*1.2mm	NDK	
36	18.3840.01.05.01	X1400	1	Crystal	1XXD38400MFA, TCXO, 38.4MHz±1.5ppm, 10pF, 1.7~1.9V, -30~85°C, 2016, 2.0*1.6*0.8mm	2016	KDS				
37	31.2102.01.00.01	BB_IC702	1	Voltage Translator	FXMAR2102UMX, Dual-Supply, 2-Bit Voltage Translator/Isolator for I2C, VCCA/VCCB:1.65~5.5V, -40~85°C, UMLP, 1.4*1.2*0.55mm	UMLP	Fairchild				
38	31.2034.00.00.01	BB_IC703	1	buffer	74LVC2G54G, Dual buffer gate, 1.65~5.5V, -40~125°C, X2SON6, 1.0*0.8*0.35mm	X2SON6	NXP				
39	31.7411.00.50.01	BB_IC704	1	buffer	74LVC1G125GF, UHS Buffer with Three-State Output, 1.65~5.5V, -40~125°C, SOT891, 1.0*1.0*0.5mm	SOT891	NXP	31.7411.00.00.01	74LVC1G125GS, UHS Buffer with Three-State Output, 1.65~5.5V, -40~125°C, SOT1202, 1.0*1.0*0.35mm	NXP	
40	16.1002.03.18.01	BB_T702	1	N-MOS	RV1C002UN, N-MOSFET, Vdss=20V, Rds=2Ω, Id=150mA, -55~150°C, VML0806, 0.8*0.6*0.39mm	VML0806	Rohm				
41	14.3005.00.27.01	BB_D701, BB_D702, BB_D704, BB_D705	4	Diode	PMEG3005EL, Schottky Diode, VF=0.2V/1mA, VR=30V, -65~150°C, SOD882, 1.0*0.6*0.5mm	SOD882	NXP				
42	10.1003.06.01.01	RF_R600	1	Thermistor	NTC RESISTOR, 10K±1%, 5550K±1%, -40~125°C, 0603, 1.0*0.6*0.35mm, NCP99WH0603EPI	0201	Murata				
43	13.0105.05.03.01	L1401	1	Power inductor	SMD Power inductor, 1.0uH±20%, 950mA, -40~85°C, 0603, Height 0.95mm, DCRO. 20ohm, LQM18PN1ROMFR	0603	Murata				

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44	13.0474.05.10.04	BB_L801	1	Power inductor	SMD Power inductor, AHP201610HF-R47M, 0.47uH±20%, DCR:0.037Ω, 5.2A, -40~+125°C, 0806, Height 1.0mm	0806	台庆	13.05.0474.10.01	SMD Power inductor, VLS201610 HBX-R47M, 0.47uH±20%, DCR:0.034Ω, 4.0A, -40~+105°C, 0806, Height 1.0mm	TDK	
45	13.0105.05.10.06	BB_L802, BB_L804, BB_L805	3	Power inductor	SMD Power inductor, AHP201610HF-1R0M, 1uH±20%, DCR:0.05Ω, 3.85A, -40~+125°C, 0806, Height 1.0mm	0806	台庆	13.0105.05.10.03	SMD Power inductor, TFM201610 GHM-1R0MTAA, 1.0uH±20%, DCR:0.05Ω, 3.8A, -40~85°C, 0806, Height 1.0mm	TDK	
46	13.0225.05.10.02	BB_L803	1	Power inductor	SMD Power inductor, AHP201610HF-2R2M, 2.2uH±20%, DCR:0.1Ω, 2.1A, -40~+125°C, 0806, Height 1.0mm	0806	TAI-TECH	13.0225.05.10.03	SMD Power inductor, DFE201610 E-2R2M, 2.2uH±20%, DCR:0.117Ω, 1.7A, -40~+125°C, 0806, Height 1.0mm	TOKO	
47	13.0155.05.09.01	RF_L301	1	Power inductor	SMD Power inductor, DFE252008C-1R5M, 1.5uH±20%, DCR 0.126Ω, 2.0A, 1008, Height 0.8mm, -40~+85°C	1008	TOKO				
48	13.0360.11.01.01	RF_MP102	1	Bead	BLM03AX601SN1D, Chip Ferrite Bead, 600Ω±25%/100MHz, DCR:0.85Ω, 250mA, -55~125°C, 0201, Height 0.33mm	0201	Murata				
49	13.1510.11.02.01	L1400	1	Bead	BLM15BD102SN1D, Chip Ferrite Bead, 1KΩ±25%/100MHz, DCR:0.9Ω, 200mA, -55~125°C, 0402, Height 0.55mm	0402	Murata				
50	13.1822.11.03.01	RF_L302	1	Bead	BLM18EG221SN1D, Chip Ferrite Bead, 220Ω±25%/100MHz, DCR:0.05Ω, 2000mA, -55~125°C, 0603, Height 0.95mm	0603	Murata				
51	11.0003.04.01.01	RF_MP711	1	SMD CAP	SMD capacitor, 0.5pF±0.05pF, 50V, -55~125°C, 0201, Height 0.33mm	0201	Murata				
52	11.0005.10.01.01	RF_MP327	1	SMD CAP	0.5pF±0.05pF, 50V, COG, -55~125°C, 0201, Height 0.33mm	0201	Murata				
53	11.0007.10.01.01	RF_MP407, RF_MP505, RF_MP516, RF_MP518, RF_MP701, RF_MP715	6	SMD CAP	0.7pF±0.05pF, 50V, COG, -55~125°C, 0201, Height 0.33mm	0201	Murata				
54	11.0008.09.01.01	RF_MP619	1	SMD CAP	SMD capacitor, 0.8pF±0.1pF, 50V, -55~125°C, 0201, Height 0.33mm	0201	Murata				
55	11.0010.05.01.00	RF_MP436, RF_MP515, RF_MP522, RF_MP533, RF_MP602, RF_MP629	6	SMD CAP	SMD capacitor, 1pF±0.1pF, 50V, COG, 0201, Height 0.3mm, GRM0335C1H1R0BA01D	0201	Murata				

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56	11.0015.04.01.01	RF_MP404, RF_MP719	2	SMD CAP	1.5pF±0.1pF, 50V, -55~125°C, 0201, Height 0.33mm, GRM0335C1H1R5BA01D	0201	Murata				
57	11.0022.04.01.01	C1100, RF_MP426	2	SMD CAP	2.2pF±0.1pF, 50V, -55~125°C, 0201, Height 0.33mm, GRM0335C1H2R2BA01D	0201	Murata				
58	11.0027.09.01.01	RF_MP447	1	SMD CAP	SMD capacitor, 2.7pF±0.1pF 50V CJ 0201, Height 0.3mm, GRM0335C1H2R7BA01D	0201	Murata				
59	11.0033.08.01.01	RF_MP626	1	SMD CAP	3.3pF±0.25pF, 50V, COG, -55~125°C, 0201, Height 0.33mm, GRM0335C1H3R3BA01D	0201	Murata				
60	11.0039.08.01.02	RF_MP445	1	SMD CAP	3.3pF±0.25pF, 50V, COG, -55~125°C, 0201, Height 0.33mm, GRM0335C1H3R3BA01D	0201	Murata				
61	11.0068.08.01.00	RF_MP425, RF_MP604	2	SMD CAP	SMD capacitor, 6.8pF±0.25pF 50V COG, 0201, GRM0335C1H6R8CD01D	0201	Murata				
62	11.0082.08.01.01	RF_MP700	1	SMD CAP	8.2pF±0.25pF, 50V, COG, -55~125°C, 0201, Height 0.33mm	0201	Murata				
63	11.0100.04.01.01	RF_C520, RF_C622, RF_C781, RF_MP422, RF_MP431	5	SMD CAP	10pF_5%, 25V, COG, 0201, GRM0335C1E100JA01D	0201	Murata				
64	11.0120.04.01.01	RF_MP538	1	SMD CAP	SMD capacitor, 12pF_5%, NPO, 25V, 0201, GRM0335C1E120JA01D	0201	Murata				
65	11.0180.03.01.01	C1404, RF_C315, RF_C316, RF_C318, RF_C530, RF_C701, RF_C911, RF_MP510, RF_MP325	9	SMD CAP	SMD Capacitor, 18pF±2%, 50V, 55~125°C, 0201, Height 0.33mm, GRM0335C1H180GA01D	0201	Murata				
66	11.0220.04.01.02	BB_C701, BB_C702, BB_C703, RF_MP632	4	SMD CAP	SMD capacitor, 22pF+/- 5%, 25V, COG, 0201, GRM0335C1E220JA01	0201	Murata				
67	11.0330.04.01.02	RF_MP316, RF_MP322	2	SMD CAP	SMD capacitor, 33pF±5%, 25V, COG, 0201, Height 0.3mm	0201	Murata				
68	11.0390.04.10.01	RF_MP617	1	SMD CAP	SMD capacitor, 39pF±5%, 16V, -55~125°C, 01005, Height 0.22mm, GRM0225C1C390JA03D	0201	Murata				
69	11.0470.04.01.01	BB_C531, BB_C532, BB_C706, RF_MP943	4	SMD CAP	SMD capacitor, 47pF±5%, 50V, COG, 0201, Height 0.3mm, GRM0335C1H470JA01	0201	Murata				
70	11.0820.04.01.01	RF_MP520	1	SMD CAP	SMD Capacitor, 25V, 82PF_5%, -55~125°C, COG, 0201, Height 0.3mm, GRM0335C1E820J	0201	Murata				
71	11.0101.04.01.01	RF_C105, RF_C205, RF_C528, RF_C782	4	SMD CAP	SMD capacitor, 100pF±5%, 25V, COG, 0201, Height 0.3mm, GRM0335C1E101JA01	0201	Murata				
72	11.0102.05.01.00	C1407, RF_C506, RF_C522, RF_C604, RF_C620, RF_C704, RF_C705, RF_C902, RF_C904, RF_C910	10	SMD CAP	SMD capacitor, 1nF+/-10%, 25V, X7R, 0201, GRM033R71E102KA01D	0201	Murata				
73	11.0472.05.01.00	RF_C110, RF_C210	2	SMD CAP	SMD capacitor, 4.7nF +/-10% 10V X7R 0201, GRM033R71A472KA01D	0201	Murata				
74	11.0562.04.01.01	RF_C111	1	SMD CAP	SMD capacitor, 5.6nF±5%, 10V, -55~125°C, 0201, Height 0.33mm, GRM033R71A562KA01D	0201	Murata				
75	11.0103.05.01.00	BB_C628, BB_C828, RF_C314, RF_C317, RF_C706, RF_C707	6	SMD CAP	SMD capacitor, 10nF+/-10% 10V X5R 0201, GRM033R71A103KA01D	0201	Murata				
76	11.0813.05.01.01	C1409	1	SMD CAP	SMD capacitor, 15nF±10%, 6.3V, -55~85°C, 0201, Height 0.33mm, GRM033R60H150KF01D	0201	Murata				

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77	11.0223.05.01.00	RF_C116, RF_C117, RF_C118, RF_C216, RF_C217, RF_C218	6	SMD CAP	SMD capacitor, 22nF ±10%, 6.3V, X5R, 0201, Height 0.3mm, GRM033R60J223KE01	0201	Murata				
78	11.0104.05.01.01	BB_C400, BB_C401, BB_C528, BB_C555, BB_C600, BB_C601, BB_C603, BB_C607, BB_C608, BB_C611, BB_C616, BB_C619, BB_C620, BB_C624, BB_C625, BB_C627, BB_C632, BB_C633, BB_C634, BB_C635, BB_C827, BB_C830, BB_C831, BB_C832, C1403, C1408, RF_C106, RF_C107, RF_C108, RF_C109, RF_C112, RF_C113, RF_C114, RF_C206, RF_C207, RF_C208, RF_C209, RF_C212, RF_C213, RF_C214, RF_C300, RF_C301, RF_C307, RF_C310, RF_C313, RF_C319, RF_C521, RF_C523, RF_C524, RF_C621, RF_C623, RF_C624, RF_C900, RF_C901, RF_C903, RF_C905	56	SMD CAP	SMD capacitor, 100nF 10%, 10Vdc, X5R, 0201, Height 0.3mm, GRM033R61A104KE15D	0201	Murata				
79	11.0224.05.01.00	BB_C810, BB_C812, RF_C219	3	SMD CAP	SMD capacitor, 220nF +/-10% 6.3V X5R 0201, GRM033R60J224ME15D	0201	Murata				
80	11.0047.06.01.01	BB_C623, BB_C629, RF_C104, RF_C204, RF_C306	5	SMD CAP	SMD CAP, 0.47uF ±20%, 6.3V, X5R, -55~85°C, 0201, Height 0.3mm, GRM033R60J474ME90	0201	Murata				
81	11.0105.06.01.01	BB_C539, BB_C612, BB_C615, BB_C621, BB_C622, BB_C631, BB_C636, BB_C806, BB_C809, BB_C814, BB_C821, BB_C822, BB_C829, C552, C1405, C1410, RF_C100, RF_C119, RF_C200	19	SMD CAP	SMD capacitor, 1uF 20%, 6.3V, X5R, 0201, GRM033R60J105MEA2D	0201	Murata				
82	11.0225.06.01.01	BB_C614, BB_C811, C1402	3	SMD CAP	SMD capacitor, 2.2uF ±20%, 50V, -55~85°C, 0201, Height 0.39mm, GRM033R60J225ME47	0201	Murata				
83	11.0104.05.02.07	RF_C304	1	SMD CAP	SMD Capacitor, 100nF ±10%, 25V, -55~85°C, 0402, Height 0.55mm, GRM155R61E104KA87	0402	Murata				
84	11.0225.05.02.03	BB_C533, BB_C538	2	SMD CAP	SMD Capacitor, 2.2uF ±10%, 10V, -55~85°C, 0402, Height 0.55mm, GRM155R61A225KE95	0402	Murata				
85	11.0475.06.02.02	BB_C813, BB_C823, BB_C824, C1401, C1406, RF_C909	6	SMD CAP	SMD capacitor, 4.7uF 20%, 6.3V, X5R, 0402, GRM155R60J475ME87D	0402	Murata				
86	11.0106.06.02.02	BB_C805, BB_C807, RF_C102, RF_C103, RF_C202, RF_C203	6	SMD CAP	SMD Capacitor, 10uF ±20%, 10V, -55~85°C, 0402, Height 0.55mm, GRM155R61A106ME11	0402	Murata				
87	11.0105.05.03.03	RF_C305	1	SMD CAP	SMD 陶瓷电容, 1uF ±10%, 无方向性, 25V, X5R, 0603, Height 0.9mm, CC0603KRX5R8BB105	0603	Yageo				
88	11.0475.06.03.01	RF_C302	1	SMD CAP	4.7uF +/-20% 10V X5R 0603, GRM188R61A475KE15D	0603	Murata				
89	11.0106.06.03.07	BB_C815	1	SMD CAP	10uF ±20%, 10V, X5R, -55~125°C, 0603, Height 0.9mm, CC0603MRX5R6BB106	0603	Yageo				

No	Part No	Ref. Des	Qty	Type	Main part			Replace part			Note
					Discription	Package	Vendor	Part No	Discription	Vendor	
90	11.0226.06.03.02	BB_C801, BB_C803, BB_C817, B B_C818, BB_C819, BB_C820	6	SMD CAP	SMD Capacitor, 22µF±20%, 10V, -55~85 °C, 0603, Height 1.0mm, GRM188R61A226ME15	0603	Murata				
91	11.0476.06.03.01	BB_C816	1	SMD CAP	SMD Capacitor, 47µF±20%, 6.3V, -55~85 °C, 0603, Height 1.0mm, GRM188R60J476ME15	0603	Murata				
92	13.0062.08.01.01	RF_MP412	1	SMD IND	SMD Inductor, 0.8nH±0.1nH, 800mA, 55~+125°C, 0201, Height 0.33mm, LQP03TN08B02D	0201	Murata				
93	13.0081.08.01.01	RF_MP723	1	SMD IND	SMD Inductor, LQP03TN08B02D, 0.8nH± 0.1nH, 800mA, -55~+125°C, 0201, Height 0.33mm	0201	Murata				
94	13.0102.08.01.02	C1411, RF_MP523, RF_MP535	3	SMD IND	SMD Inductor, 1nH±0.1nH, 600mA, -55~+125 °C, 0201, Height 0.33mm, LQP03TG1N0B02D	0201	Murata				
95	13.0010.08.01.00	RF_MP418, RF_MP932	2	SMD IND	SMD Inductor, 1nH+/-0.1nH 400mA, 0201, LQP03TN1N0B0	0201	Murata				
96	13.0122.08.01.01	RF_MP416, RF_MP615	2	SMD IND	SMD Inductor, 1.2nH+/- 0.1nH, 750mA, 0201, LQP03TN1N2B02	0201	Murata				
97	13.0122.08.01.02	RF_C312	1	SMD IND	SMD Inductor, 1.2nH±0.1nH, 600mA, - 55~+125°C, 0201, Height 0.33mm, LQP03TG1N0B02D	0201	Murata				
98	13.0015.08.01.01	RF_MP420, RF_MP429, RF_MP44 8, RF_MP638	4	SMD IND	1.5nH+/-0.1nH, 600mA, 0201 LQP03TG1N5B02D	0201	Murata				
99	13.0015.08.01.00	RF_MP403	1	SMD IND	SMD Inductor, 1.5nH+/-0.1nH 280mA, 0201, LQP03TN1N5B0	0201	Murata				
100	13.0162.08.01.01	RF_MP415	1	SMD IND	SMD Inductor, 1.6nH +/- 0.1nH, 280mA, Q=13, 0201, LQP03TN1N6B02D	0201	Murata				
101	13.0182.08.01.03	RF_MP716	1	SMD IND	SMD Inductor, 1.8nH±0.1nH, 500mA, - 55~+125°C, 0201, Height 0.33mm, LQP03TG1N0B02D	0201	Murata				
102	13.0202.08.01.02	RF_MP450, RF_MP512, RF_MP42 3	3	SMD IND	SMD Inductor, 2nH±0.1nH, 450mA, -55~+125 °C, 0201, Height 0.33mm, LQP03TG2N0B02D	0201	Murata				
103	13.0022.08.01.01	RF_MP417, RF_MP419	2	SMD IND	SMD Inductor, 2.2nH±0.1nH, 220mA, 0201, LQP03TN2N2B02	0201	Murata				
104	13.0222.08.01.01	RF_MP428	1	SMD IND	SMD Inductor, 2.2nH±0.1nH, 450mA, - 55~+125°C, 0201, Height 0.33mm, LQP03TG2N0B02D	0201	Murata				
105	13.0242.08.01.02	RF_MP409, RF_MP514, RF_MP93 0	3	SMD IND	SMD Inductor, 2.4nH±0.1nH, 450mA, - 55~+125°C, 0201, Height 0.33mm, LQP03TG2N0B02D	0201	Murata				
106	13.0027.08.01.00	RF_MP413, RF_MP446	2	SMD IND	SMD Inductor, 2.7nH± 0.1nH, 220mA, 0201, LQP03TN2N7B0	0201	Murata				
107	13.0272.08.01.03	RF_MP438	1	SMD IND	SMD Inductor, 2.7nH±0.1nH, 450mA, - 55~+125°C, 0201, Height 0.33mm, LQP03TG2N0B02D	0201	Murata				
108	13.0292.08.01.01	RF_MP401	1	SMD IND	SMD coil Inductor, 2.9nH± 0.1nH, 500mA, 0201, Height 0.33mm, LQP03TN2N9B02D	0201	Murata				
109	13.0033.08.01.00	RF_MP627, RF_MP714	2	SMD IND	SMD Inductor, 3.3nH+/- 0.1nH, 190mA, 0201, LQP03TN3N3B0	0201	Murata				
110	13.0332.08.01.01	RF_MP517, RF_MP941, RF_MP32 4, RF_MP441	4	SMD IND	SMD Inductor, 3.5nH±0.1nH, 400mA, 55~+125°C, 0201, Height 0.33mm, LQP03TG2N0B02D	0201	Murata				
111	13.0362.08.01.01	RF_MP439, RF_MP442	2	SMD IND	SMD coil Inductor, 3.6nH±0.1nH, 400mA, - 55~+125°C, 0201, Height 0.33mm, LQP03TN3N6B02	0201	Murata				

No	Part No	Ref. Des	Qty	Type	Main part			Replace part			Note
					Discription	Package	Vendor	Part No	Discription	Vendor	
112	13.0362.08.01.02	RF_MP318, RF_MP618	2	SMD IND	SMD coil Inductor, 3.6nH±0.1nH, 350mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG3N6B02D	0201	Murata				
113	13.0432.07.01.02	RF_MP605	1	SMD IND	SMD Inductor, 4.3nH±3%, 300mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG4N3H02D	0201	Murata				
114	13.0472.07.01.01	RF_MP406	1	SMD IND	4.7nH +/-3%, Q=14 LQP03TN4N7H02	0201	Murata				
115	13.0472.07.01.02	RF_MP451, RF_MP718	2	SMD IND	SMD Inductor, 4.7nH±3%, 250mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG4N7H02D	0201	Murata				
116	13.0562.07.01.01	RF_MP710	1	SMD IND	SMD Inductor, 5.6nH±3%, 250mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG5N6H02D	0201	Murata				
117	13.0622.07.01.03	RF_MP449, RF_MP536	2	SMD IND	SMD Inductor, 6.2nH±3%, 200mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG6N2H02D	0201	Murata				
118	13.0082.07.01.02	RF_MP434, RF_MP606, RF_MP630	3	SMD IND	SMD Inductor, 8.2nH 3%, 250mA, 0201, LQP03TN8N2H0	0201	Murata				
119	13.0912.07.01.01	RF_MP935	1	SMD IND	SMD Inductor, 9.1nH 3%, Q=14, 0201, LQP03TN9N1H02	0201	Murata				
120	13.0123.07.01.02	RF_MP410, RF_MP539, RF_MP929	3	SMD IND	SMD Inductor, 12nH±3%, 180mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG12NH02D	0201	Murata				
121	13.0123.07.01.01	RF_MP724	1	SMD IND	SMD Inductor, 12nH±/-3%, 250mA, 0201, LQP03TN12NH02	0201	Murata				
122	13.0153.07.01.02	RF_MP934	1	SMD IND	SMD Inductor, 15nH 3%, 250mA, 0201, LQP03TN15NH0	0201	Murata				
123	13.0183.03.01.01	L1402, RF_MP435, RF_MP722	3	SMD IND	Inductor 18nH-5%, 300mA, LQP03TN18NJ	0201	Murata				
124	13.0183.07.01.02	RF_MP524	1	SMD IND	SMD Inductor, 18nH±3%, 160mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG18NH02D	0201	Murata				
125	13.0203.07.01.01	RF_MP444	1	SMD IND	SMD inductor, 20nH±3%, 150mA, -55~+125°C, 0201, Height 0.33mm, LQP03TN20NH02D	0201	Murata				
126	13.0223.07.01.01	RF_MP432, RF_MP609	2	SMD IND	SMD Inductor, 22nH±3%, 150mA, -55~+125°C, 0201, Height 0.33mm, LQP03TN22NH02D	0201	Murata				
127	13.0223.07.01.02	RF_MP317, RF_MP939, RF_MP323	3	SMD IND	SMD Inductor, 22nH±3%, 140mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG22NH02D	0201	Murata				
128	13.0273.07.17.01	RF_MP634	1	SMD IND	SMD Inductor, 27nH±3%, 120mA, -55~+125°C, 01005, Height 0.22mm, LQP02TN27NH02D	0201	Murata				
129	13.0273.07.01.01	RF_MP511	1	SMD IND	SMD Inductor, 27nH±3%, 120mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG27NH02D	0201	Murata				
130	13.0393.03.01.01	RF_MP928	1	SMD IND	SMD Inductor, 39nH±5%, 120mA, -55~+125°C, 0201, Height 0.33mm, LQP03TN39NJ02D	0201	Murata				
131	13.0473.03.01.02	RF_MP521, RF_MP944, RF_MP945, RF_MP946, RF_MP947	5	SMD IND	SMD Inductor, 47nH±5%, 100mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG47NJ02D	0201	Murata				
132	13.0683.03.01.04	RF_MP717	1	SMD IND	SMD Inductor, 68nH±5%, 90mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG68NJ02D	0201	Murata				
133	13.0823.03.01.02	RF_MP633	1	SMD IND	SMD Inductor, 82nH±5%, 90mA, -55~+125°C, 0201, Height 0.33mm, LQP03TG82NJ02D	0201	Murata				
134	13.0562.06.02.01	MP1400	1	SMD IND	SMD Inductor, 5.6nH±0.3nH, 300mA, -55~+125°C, 0402, Height 0.5mm, LQG15HS5N6S02D	0402	Murata				

No	Part No	Ref. Des	Qty	Type	Main part			Replace part			Note
					Description	Package	Vendor	Part No	Description	Vendor	
135	10.0000.03.01.00	BB_R833, RF_MP311, RF_MP507, RF_MP527, RF_MP608, RF_MP622, RF_MP624, RF_MP726, RF_MP728, RF_MP918, RF_MP919, RF_MP925, RF_MP937	13	SMD RES	SMD resistor, 0Ω 5%, 1/20W, -55~155℃, 0201, Height 0.23 ±0.03mm, RC0201JR-070RL	0201	Yageo				
136	10.0100.03.01.01	BB_R703, RF_MP640	2	SMD RES	SMD resistor, RC0201JR-0710RL, 10Ω ±5%, 1/20W, 0201, Height 0.23mm	0201	Yageo				
137	10.0330.01.01.02	RF_MP923	1	SMD RES	SMD resistor, 33Ω 1%, 1/20W, 0201, Height 0.23 ±0.03mm, RC0201FR-0733RL	0201	Yageo				
138	10.0490.01.01.01	RF_MP721, RF_MP731	2	SMD RES	SMD resistor, 49.9Ω 1%, 1/20W, 0201, Height 0.23 ±0.03mm	0201	Yageo				
139	10.0680.03.01.01	RF_MP532	1	SMD RES	SMD resistor, 68Ω 5%, 1/20W, 0201, Height 0.23±0.03mm, RC0201JR-0768RL	0201	Yageo				
140	10.0100.03.01.00	RF_MP530, RF_MP531	2	SMD RES	SMD resistor, 100Ω 5%, 1/20W, -55~125℃, 0201, Height 0.23 ±0.03mm, RC0201JR-07100RL	0201	Yageo				
141	10.0181.01.01.01	RF_MP922, RF_MP924	2	SMD RES	RC0201FR-07180RL, SMD resistor, 180Ω 1%, 1/20W, Package0201	0201	Yageo				
142	10.0201.01.01.01	BB_R420, BB_R481	2	SMD RES	SMD resistor, RC0201FR-07200RL, 200Ω ±1%, 1/20W, 0201, Height 0.3mm	0201	Yageo				
143	10.0241.01.01.01	BB_R531	1	SMD RES	SMD resistor, RC0201FR-07240RL, 240Ω ±1%, 1/20W, 0201, Height 0.3mm	0201	Yageo				
144	10.0102.03.01.00	BB_R705, BB_R715, BB_R716, R416, R429	5	SMD RES	SMD resistor, 1KΩ 5%, 1/20W, -55~125℃, 0201, Height 0.23 ±0.03mm, RC0201JR-071KL	0201	Yageo				
145	10.0182.03.01.01	BB_R417, BB_R444	2	SMD RES	SMD resistor, 1.8KΩ ±5%, 1/20W, 0201, Height 0.23mm, RC0201JR-071K8L	0201	Yageo				
146	10.0472.03.01.00	BB_R428, BB_R709	2	SMD RES	SMD resistor, 4.7KΩ ±5% 1/20W 0201, RC0201JR-074K7L	0201	Yageo				
147	10.0103.03.01.01	BB_R631, BB_R717, BB_R822, BB_R823, BB_R831, RF_R117	6	SMD RES	SMD resistor, 10KΩ 5%, 1/20W, -55~125℃, 0201, Height 0.23 ±0.03mm, RC0201JR-0710KL	0201	Yageo				
148	10.0103.01.01.02	RF_R500	1	SMD RES	SMD resistor: 0201Package, 10K±1%, 1/20w, 0.6*0.3*0.23mm, -55~125℃, RC0201FR_0710KL	0201	Murata				
149	10.0273.02.01.01	RF_R116	1	SMD RES	SMD resistor 27k +/-1%, 1/20W 0201, RC0201FR-0727KL	0201	Yageo				
150	10.0104.03.01.01	BB_R704, BB_R832, RF_R212	3	SMD RES	SMD resistor, 100KΩ 5%, 1/20W, -55~125℃, 0201, Height 0.23 ±0.03mm, RC0201JR-07100KL	0201	Yageo				
151	10.0394.03.01.01	BB_R706	1	SMD RES	SMD resistor, 390KΩ 5%, 1/20W, 0201, Height 0.23±0.03mm, RC0201JR-07390KL	0201	Rohm				
152	10.0564.03.01.01	BB_R820, BB_R821	2	SMD RES	SMD resistor, 560KΩ ±5%, 1/20W, -55~125℃, 0201, Height 0.25mm, RC0201JR-07560KL	0201	Yageo	10.5600.03.01.01	SMD resistor, 560KΩ 5%, 1/20W, 0201, RC0201FR07560KL	Yageo	

No	Part No	Ref. Des	Qty	Type	Main part			Replace part			Note
					Description	Package	Vendor	Part No	Description	Vendor	
153	10.0000.03.02.01	RF_MP301	1	SMD RES	SMD resistor, 0Ω_5%, 1/16W, -55~155℃, 0402, Height 0.35±0.05mm, RC0402JR-070RL	0402	Rohm				
154	60.0850.07.00.01		1	L850-GL-01-00_PCB	L850-GL-01-00_PCB_V1.0.4, panel 3*2, panel dimension 110*86mm, Immersion Gold, halogen free, 10 Layers, Thickness 0.8mm, green		CCTC				
155	72.0102.00.00.01		1	L850-GL-01_Cover	L850-GL-01_Cover, V1.0, ME part (metals), Two piece type, Stainless steel, Dimension 33.63×*29.38*1.1±0.05mm, Smoothness≤0.1mm, Thickness 0.10mm, silvery white		Bevin				
156	72.0101.00.00.01		1	L850-GL-01_Case	L850-GL-01_Case, V1.2, ME part (metals), Two piece type, Copper-Nickel-Zinc Alloy, Dimension 29.15*33.4*1.225±0.025mm, Smoothness≤0.08mm, Thickness 0.2mm, silvery white		Bevin				
					Fibocom Wireless Inc.		0755-26944126				
					Name: L850-GL-01-00 PCBA		Module: L850-GL-01-00				
					Product No: 61.0850.01.00.01		BOM Version: V1.1.3		ERP BOM Version: V1.1.3		
					Design: Lisenhao		Date:		2016-1-19		
					Checkd:		Date:				
	Change indicator	Total quantity	385		Approved:		Date:				

Fibocom-R&D-QP-02-Form-07

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