

Item	Quantity	Reference	Part	Package	Part Number	Manufacture	Part Number	Voltage	Notes
1	1	ANT1	2.4GHz Chip Antenna	2p0x1p2x0p85mm	140-00026-01	Taiyo Yuden	AH212M245001		
2	1	C5	2200pF 16V	201	110-00026-01	ECJ-ZEB1C222K			
3	1	C14	0.01uF 10V	201	110-00025-01	ECJ-ZEB1A103K			
4	16	"C118,C119,C120,C121,C122,C123,C124,C126,C189,C190,C191,C196,C197,C198,C199,C200"						0.1uF 6.3V	201 110-00008-01 GRM033R60J104KE19D
5	2	"C131,C193"	1.0uF 10V	402	110-00007-01	GRM155R61A105KE15D			
6	3	"C147,C148,C149"	0.1uF 10V	201	110-00042-01	ECJ-ZEB1A104M			
7	2	"C183,C184"	1.5pF	201	110-00032-01	Johanson 250R05L1R5BV4T			
8	1	C187	2.2uF 6.3V	402	110-00004-01	ECJ-0EBOJ225M			
9	1	C192	10pF 0201	201	110-00027-01	ECJ-ZEC1E100D			
10	2	"C194,C195"	15pF	201	110-00038-01	250R05L150FV4T			
11	2	"C201,C203"	4.7uF 6.3V	402	110-00012-01	GRM155R60J475ME87D			
12	1	C202	2.2uF 16V	603	110-00010-01	GRM188R61C225KE15D			
13	1	D103	HSMF-C114 SMD TriColor LED	1p6x1p5x0p35mm	130-00002-01	Avago HSMF-C114			
14	1	J3	"Receptacle, 20 Pin, 0.4mm "	recpt_20pin_smt	170-00053-01	Hirose DF30FB-20DS-0.4V			
15	3	"J4,J5,J6"	Pogo Pin 1.5 Out & 0.5 In Diameter	1p5mm_out_0p55mm_in	XXX-XXXXX-XX				DNS
16	2	"L5,L6"	180nH 0402	402	120-00039-01	MLG1005SR18J			
17	1	L7	2.2uH 805	120-00043-01	LQM21PN2R2				
18	1	L8	2.7nH 0201	201	120-00044-01	Taiyo Yuden HKQ0603S2N7C-T			
19	1	Q1	Dual P-Channel FET	microFET_2mmX2mm	180-00003-01	Fairchild FDMA1025P			
20	3	"R54,R57,R58"	510 ohm 0201	201	100-00043-01	ERJ-1GEF5100C			
21	7	"R109,R112,R128,R129,R196,R197,R198"	0.0 0201 201	100-00016-01	MCR006YZPJ000				
22	5	"R130,R131,R158,R159,R201"	DNS 0201	201	100-XXXXX-01				DNS
23	2	"R138,R176"	100K 0201	201	100-00019-01	ERJ-1GEF1003C			
24	5	"R142,R168,R169,R171,R200"	10K 0201	201	100-00008-01	ERJ-1GEF1002C			
25	8	"R149,R150,R151,R155,R160,R161,R163,R164"	10K 0201	201	100-00008-01	ERJ-1GEF1002C			
26	2	"R166,R167"	1K 0201 201	100-00009-01	ERJ-1GEF1001C				
27	1	R172	3.57K 0201	201	100-00083-01	ERJ-1GEF3571C			
28	16	"SP15,SP16,SP17,SP18,SP19,SP29,SP30,SP31,SP32,SP33,SP34,SP35,SP36,SP37,SP38,SP39"						PAD30X30	SP_30MILX30MIL XXX-XXXXX-XX
		DNS							
29	2	"S2,S3"	EVP-AA602W	SMT_3p5mmX2p9mm	160-00015-01	Panasonic EVP-AA602W			
30	1	U2	MPU-3050	QFN5_5S24P0_5T	150-00024-01	InvenSense MPU3050			
31	1	U11	KXTF9	LGA3_10P0_65	150-00015-01	Kionix KXTF9-1026			
32	1	U103	Bosch BMP085 Press/Temp	5p3x5p3mm	150-00035-01	Bosch BMP085			
33	1	U110	AK8975B Magnetometer 3-Axis	BGA_2mmX2mm	150-00084-01	AKM AK8975B			
34	1	U114	"3.3V, 500mA, Buck Regulator"	1mmX1p5mm	150-00142-01	TI TPS62237DRYT			
35	1	U118	24MHz 10ppm 10pF	2mmX1p6mm	140-00024-01	TXC Corp 8Y-24.000MEEQ-T			
36	1	U120	BCM20730A0KMLG	40pin_QFN	150-00135-01	Broadcom BCM20730A0KMLG			
37	1	U121	3-wire EEPROM 512K I2C	8-TSSOP_uChip	150-00164-01	MicroChip 24FC512-I/ST			