

Item	Quantity	Reference Designator	Part
1	1	CN1	SJ1-3515N
2	1	CN3	USB Micro
3	2	C1,C2	4.7UF-6.3V-10%(0603)
4	3	C3,C21,C22	1.0UF-16V-10%(0603)
5	1	C4	22uF, Ceramic Capacitor, Low ESR (<50 mOhm), X5R, 6.3V (0603)
6	1	C6	0.1UF-25V(+80/-20%)(0603)
7	1	C7	10nF (10000pF)-16V (0603)
9	5	C10,C12,C14,C15,C17	10uF, 6.3V, 10%, (0603)
10	9	C8,C9, C11,C13,C16,C18,C19,C23, C24	0.1uF, 25V, 10%, (0603)
11	1	D2	RED(0603)
12	2	D3,D4	MBRA140, 40V,1A,(DO-214AC)
13	1	D5	1N4148, 100V, 150mA,(SOD-123)
14	1	D7	CLMVB-FKA-CFHEHLCBB7A363, 20mA(PLCC-4)
15	1	JP1	JST-2, R/A PIN, 2MM TH
16	1	J9	HEADER 3POS, R/A PIN, 2.54MM TH
17	1	LS1	SDR08540M3-01
18	1	L1	2.2uH, 1.5A, 72MOHM
19	1	Q1	2SD1484KT146R (SOT346)
20	1	R1	330OHM,1/10W,1%(0603)
21	1	R2	2.0KOHM,1/10W,5%(0603)
22	5	R3,R4,R25,R26,R27	1KOHM,1/4W, 1%(0603)
23	2	R6,R36	100k, 1/10W, 5% (603)
24	2	R14,R37	4.7KOHM, 1/10W, 1%(0603)
25	7	R22,R29,R39,R40,R41,R42,R43	10KOHM,1/4W, 1%(0603)
26	1	R23	47KOHM,1/4W, 1%(0603)
27	1	R28	180OHM,1/4W, 1%(0603)
28	2	R30,R31	150kOHM,1/4W, 1%(0603)
29	2	R34,R35	22 Ohm, 1/4W,5% (0603)
30	1	SW10	SS12SDH2
31	2	SW4,SW5	TL3330AF260QG
32	2	SW8,SW12	KMR211GLFS
34	1	U1	MCP73831 (SOT23-5)
35	1	U2	MAX17043
36	1	U5	RT8008-33-GB (SOT23-5)
37	1	U6	lsm9ds1
38	1	U7	Photon P1
39	1	U9	TPA2005D1DRB
40	1	U11	AD5220