Revised: Monday 12/21/2015
Revision: A

*All of the prices in the attached BOM are for 1 board.
**Items are from Digikey and included in shopping cart unless noted.
Digikey Cart   http://www.digikey.com/short/t0vcw8

Item	Quantity	Reference
1	1	CN1
2	1	CN3
3	2	C1,C2
4	3	C3,C21,C22
5	1	C4
6	1	C6
7	1	C7
8	2	C8,C9
9	5	C10,C12,C14,C15,C17
10	7	C11,C13,C16,C18,C19,C23, C24
11	1	D2
12	2	D3,D4
13	1	D5
14	1	D7
15	1	JP1
16	1	J9
17	1	LS1
18	1	L1
19	1	Q1
20	1	R1
21	1	R2
22	5	R3,R4,R25,R26,R27
23	2	R6,R36
24	2	R14,R37
25	7	R22,R29,R39,R40,R41,R42,R43
26	1	R23
27	1	R28
28	2	R30,R31
29	2	R34,R35

30	2	SW1,SW10
31	2	SW4,SW5
32	2	SW8,SW12
34	1	U1
35	1	U2
36	1	U5
37	1	U6
38	1	U7
39	1	U9
40	1	U11
41	1	PCB V1.0

Total $ 36.91

Part	Unit Cost	Extended Cost	Alternate Distributor
SJ1-3515N	$ 1.10	$ 1.10	
USB Micro	$ 0.68	$ 0.68	
4.7UF-6.3V-10%(0603)	$ 0.05	$ 0.10	
1.0UF-16V-10%(0603)	$ 0.02	$ 0.07	
22uF, Ceramic Capacitor, Low ESR (<50 mOhm), X5R	$ 0.29	$ 0.29	
0.1UF-25V(+80/-20%)(0603)	$ 0.02	$ 0.02	
10nF (16V)	$ 0.02	$ 0.02	
.1uF	$ 0.01	$ 0.02	
10uF, 6.3V, 10%, (603)	$ 0.04	$ 0.18	
0.1uF, 6.3V, 10%, (603)	$ 0.01	$ 0.08	
RED	$ 0.20	$ 0.20	
MBRA140	$ 0.37	$ 0.74	
1N4148	$ 0.13	$ 0.13	
CLMVB-FKA-CFHEHLCBB7A363	$ 0.32	$ 0.32	MOUSER
JST-2 (B2B-XH-KL)	$ 0.14	$ 0.14	
HEADER 3	$ 0.12	$ 0.12	
SDR08540M3-01	$ 3.59	$ 3.59	
2.2uH	$ 0.31	$ 0.31	
2SD1484KT146R	$ 0.26	$ 0.26	
330OHM,1/10W,1%(0603)	$ 0.01	$ 0.01	
2.0KOHM,1/10W,5%(0603)	$ 0.01	$ 0.01	
1KOHM,1/4W, 1%(0603)	$ 0.04	$ 0.22	
100k, 1/10W, 5% (603)	$ 0.01	$ 0.02	
4.7KOHM, 1/10W, 1%(0603)	$ 0.01	$ 0.02	
10kOHM,1/4W, 1%(0603)	$ 0.03	$ 0.21	
49.5KOHM,1/4W, 1%(0603)	$ 0.08	$ 0.08	
180OHM,1/4W, 1%(0603)	$ 0.08	$ 0.08	
150kOHM,1/4W, 1%(0603)	$ 0.05	$ 0.11	
22	$ 0.05	$ 0.11	

SS12SDH2	$ 1.41	$ 2.82	
TL3330AF260QG	$ 0.44	$ 0.88	
KMR211GLFS	$ 0.49	$ 0.99	
MCP73831	$ 0.56	$ 0.56	
MAX17043		$ -	
RT8008-33-GB	$ 0.56	$ 0.56	
lsm9ds1	$ 5.74	$ 5.74	
Photon P1	$ 12.00	12.00	Particle
TPA2005D1DRB	$ 1.35	$ 1.35	
AD5220	$ 2.77	$ 2.77	
PCB Assembly		$ -	

Link
http://www.mouser.com/ProductDetail/Cree-Inc/CLMVB-FKA-CFHEHLCBB7a363/?qs=xEJ61ozf1a03pP6vmpANQg%3D%3D

https://store.particle.io/?product=p0-particle-module-x10-&utm_source=Proto&utm_medium=Button&utm_content=P0&utm_campaign=Buy