

Item	Reference(s)	Qty	Manufacturer	MPN	Value	Package	Type	Notes	
1	R1, R2	2	Vishay / Dale	CRCW060310M0FKEAC	10M	0603	SMD	Propose cheaper	
2	R4	1	Vishay / Dale	CRCW06031K00FKEAC	1k	0603	SMD	Propose cheaper	
3	R5	1	Vishay / Dale	CRCW06032K00FKEAC	2k	0603	SMD	Propose cheaper	
4	R6	1	Vishay / Dale	CRCW06033K00FKEAC	3k	0603	SMD	Propose cheaper	
5	C1, C4, C9, C14, C15, C16, C18	7	Samsung Electro-Mechanics	CL10B104KB8NNNC	100nF	0603	SMD	Propose cheaper	
6	C2, C3, C5	3	Taiyo Yuden	JMK107ABJ106MA-T	10uF	0603	SMD	Propose cheaper	
7	C6, C8, C11, C12, C13, C17	6	Samsung Electro-Mechanics	CL10B105KQ8NNNC	1uF	0603	SMD	Propose cheaper	
8	D1	1	Rohm Semiconductor	SML-D12V1WT86	Red	0603	SMD	Propose cheaper	
9	D2	1	Rohm Semiconductor	SML-D12M8WT86	Green	0603	SMD	Propose cheaper	
10	D3	1	Rohm Semiconductor	SML-D12D1WT86	Orange	0603	SMD	Propose cheaper	
11	J1	1	Amphenol ICC (FCI)	10118194-0011LF	10118194-0001LF		SMD	Propose cheaper	
12	J3	1	Molex	503182-1852	503182-1852		SMD	Propose cheaper	
13	SW1	1	C&K Switches	PCM12SMTR	OFF - ON		SMD	Propose cheaper	
14	SW2	1	C&K Switches	PCM13SMTR	OFF-0,7k-HI		SMD	Propose cheaper	
15	MOD1	1	Rigado, Inc.	BMD-300-A-R	BMD-300-A-R		SMD	Do not change	
16	U1	1	Nanjing Extension Microelectro	TP4057-42-SOT26-R	TP4057	SOT-23-6	SMD	Do not change	
17	U2, U7	2	STMicroelectronics	MP34DT05TR-A	MP34DT05-A	HCLGA (3 x 4 x	SMD	Do not change	
18	U4	1	Diodes Incorporated	AP7345D-3318RH4-7	AP7345D	X2-DFN1612-8	SMD	Do not change	
19	U5	1	TDK	ICM-20948	ICM-20948	24-Pin QFN	SMD	Do not change	
20	U6	1	NXP	NTS0104BQ,115	NTS0104	DHVQFN14 (SO	SMD	Do not change	
21	J4, J5	1	Link to aliexpress	503035	3.7V 500mAH Li-ion/Li-Po Rechargeat	Through hole		Any of same type/price	