













Comment	Designator	Quantity	Manufacturer	Manufacturer Part Number 1
4.7UF/ 10V	C1, C2, C7	3	KEMET	T491A475K010AT
0.1uF 50V	C3, C4, C8, C9, C11	5	KEMET	C0805C104K5RACTU
18pF/50V	C5, C6	2	KEMET	C0805C180J5GACTU
1 μ F /25 V	C10	1	TDK	C2012X5R1E105K125AA
Schottky Diode	D1	1	ON Semiconductor / Fairchild	BAT54HT1G
15 pin header	J1, J2	2		61301511121
6 pin	J3	1		67997-106HLF
USB-C	J4	1		USB4110-GF-A
LED Orange	LD1	1	Kingbright	APHCM2012SECK-F01
LED Red	LD2	1		APT1608SECK
LED GREEN	LD3	1	Kingbright	APHCM2012CGCK-F01
LED BLUE	LD4	1	Vishay Lite-On	LTST-C170TBKT
1K Ohm	R1, R3, R4	3	Yageo	RT0805BRD071KL
680 OHM	R2, R5	2	Panasonic	ERA-2AED681X
Tactile Switch	SW	1		B3U-1000P
ATMEGA168-20AU	U1	1		ATMEGA168-20AU
FT232RL	U2	1		FT232RL-REEL
voltage regulator	U3	1		UA78M05CDCYRG3
16MHz Crystal	Y1	1		ABM3-16.000MHZ-B2-T



