

Item	QTY	Reference	Part Discription	Footprint	MFR (or Equivalent)	P/N (or Equivalent)
1	2	D1,D2	LED RED Color	Through Hole	Everlight	MV5752
2	2	J1,J2	HEADER MALE 1X1	Through Hole		
3	2	J8,J12	HEADER FEMALE LONG TAIL 1X8 0.1" SP	Through Hole		
4	1	J10	HEADER FEMALE LONG TAIL 1X6 0.1" SP	Through Hole		
5	1	J14	HEADER FEMALE LONG TAIL 1X10 0.1" SP	Through Hole		
6	2	R3,R4	Resistors 1K OHM 1/16W	Through Hole		
7	1	SW2	Pushbutton Switch 3.5x6mm	Through Hole	Mountain Switch	101-TS4311T3202-EV

Optional Reset Circuit

8	1	SW1	Pushbutton Switch 3.5x6mm	Through Hole	Mountain Switch	101-TS4311T3202-EV
9	1	C1	CAP 0805 0.1uF 16V 10%	0805	KEMET	C0603C104K4RACTU
10	1	R1	Resistors 0805 1K OHM	0805	Panasonic	301-1.0K-RC
11	1	J4	HEADER MALE 1X1	Through Hole		

Optional Pullups for I2C

12	4	R5,R6,R7,R8	Resistor - Pullup for I2C	0603 or Through Hole		
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Optional (Parts included in the Kit)

Optional (User Defined option) - Pullup Resistor (Parts not included in the kit)