







Comment	Description	Designator	Footprint	LibRef	Quantity
105,0805	1uF	C1, C7	Capacitor,0805	105,0805	2
104,0603	0.1uF	C2, C5, C6, C8, C9, C10, C11	Capacitor,0603	104,0603	7
223,0603	22nF	C3	Capacitor,0603	223,0603	1
106,0805	10uF	C4	Capacitor,0805	106,0805	1
20pF,0603	20pF	C12, C13, C14, C15	Capacitor,0603	20pF,0603	4
LED,0603		D1, D2	LED,0603	LED,0603	2
01x20 Header		JP1, JP4	01x20 Header	01x20 Header	2
03X02 Header		JP2	03x02 Header	03x02 Header	1
01x04 Header		JP3	01x04 Header	01x04 Header	1
20R,0603	20 Ohm	R1, R2	Resistor,0603	20R.0603	2
4.7K,0603	4.7K Ohm	R3	Resistor,0603	4.7K,0603	1
100k,0603	100K Ohm	R4, R5	Resistor,0603	100k,0603	2
10k,0603	100K Ohm	R6	Resistor,0603	100k,0603	1
510R,0603	510 Ohm	R7, R8	Resistor,0603	510R,0603	2
1M,0603	1M Ohm	R9	Resistor,0603	1M,0603	1
Tactile Switch	SMD Tactile Switch, 3x6x2.5mm model- 4388	SW1	SMD Tactile Switch, 3x6x2.5mm	Tactile Switch	1
RT9193-33	Linear Voltage Regulator	U1	RT9193-33	RT9193-33	1
Micro USB	Micro USB 10118192- 0001LF	U2	Micro USB	Micro USB	1
STM32F103C8T6TR	Integrated Circuit	U3	STM32	STM32F103C8T6TR	1
8MHz	Crystal	Y1	8MHz Crystal	8MHz	1
32.768KHz	Crystal	Y2	32.768KHz Crystal	32.768KHz	1