



Value	Footprint	Comment	Designator	Description	Quantity
100R	0603_R	R0603	R10, R16, R17	Resistor	3
22R	0603_R	R0603	R6, R7	Resistor	2
22nF	0603_C	22nF	C7	Capacitor	1
20pF	0603_C	C0603	C1, C2	Capacitor	2
10K	0603_R	R0603	R1, R2, R3, R4, R5, R9	Resistor	6
8MHz	49SMD	XTAL	X1		1
1uF	0603_C	1uf	C4, C6	Capacitor	2
1K5	0603_R	R0603	R8, R11, R15	Resistor	3
0.1uF	0603_C	104	C5	Capacitor	1
0.1uF	0603_C	C0603	C3	Capacitor	1
0R	0603_R	R0603	R12	Resistor	1
	0603_LED	BLUE	D2	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
	0603_LED	RED	D1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
	FU 0805	Fuse 2	F1	Fuse	1
	HEADER_4x1	Header 4	P1	Header, 4-Pin	1
	HEADER_SMT_5	Header 5	J1, J2	Header, 4-Pin	2
	LQFP48_N	STM32F103C8T6	U1	LowPower MCU	1
	SOT23	S8550	Q1	PNP Bipolar Transistor	1
	SOT23-5	RT9193-33	U2		1
	USB_A_G	USB	USB1		1