

RainbowNenoRed BOM

Name	Type	Designator	Value
LED	0603	LED_R	Red
	0603	LED_G	Green
	0603	LED_B, D1	Blue
Resistor	0603	R7, R9	0R
	0603	R1, R3, R4	680R
	0603	R10	1K
	0603	R2, R5, R6, R8	10K
Capacitor	0603	C2, C3	22pF
	0603	C1, C4, C5, C6, C7, C8, C9	0.1uF
Inductor	0603	L1	10mH
Switch	Bottom	S1, S2, S3	
IC	LQFP48	STM32	STM32F103C
Header	HDR1X1_180_2.54	VCC, GND, A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A15, B0, B1, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, B14, B15	
	HDR1X4_90F_2.54	SWD	
	HDR1X4_90F_2.54	UART	
Crystal	5032	XT1	8MHz