



Comment	Description	Designator	Footprint	LibRef	Quantity
20pF		C1, C7, C15, C16	C0603	CAP	4
22uF		C2, C4	C0805	CAP	2
104		C3, C5, C6, C11, C12, C13, C14	C0603	CAP	7
105		C8	C0603	CAP	1
22pF		C9, C10	C0603	CAP	2
HDR1x4		CN1	HDR1x4	CON4	1
USB-Micro	USB-Micro	CN2	USB-MICRO-Lite	USB-Micro	1
BAT54C	DOUBLE SHOTKEY DIODES	D1	BAT54C	BAT54C	1
NSMD050	Ferrite Beads Inductors Impedance:120Ω±25% Rated Current:1500mA DC Resistance:0.095Ω	FB1	R1206	FB	1
Jumper2-2	Jumper2	JP1, JP2, JP3, JP4, JP5, JP7, JP9, JP10, JP11, JP12	HDR1X2/2.00MM	Jumper2-2	10
Jumper3	Jumper3	JP6	HDR1X3/2.00mm	Jumper3	1
LED-G		LED1	D0805	LED-G	1
WIKIGPIO-U	Header, 9-Pin, Dual row	P1	HDR2X10/2.54MM-WIKIGPIO-U	WIKIGPIO-U	1
WIKIPWR	PWR HDR	P2	WIKIPWR	WIKIPWR	1
WIKIPRHL-R	Header, 16-Pin, Dual row	P3	HDR2X16-WIKIPRHL-R	WIKIPRHL-R	1
Header 3X2	Header, 3-Pin, Dual row	P4	HDR2X3/2.54MM	Header 3X2	1
8050	NPN General Purpose Amplifier	Q1	SOT23-3L(123)	8050	1
10K	Resistor	R1, R7, R12, R13, R15	R0603		5
1M	Resistor	R2	R0603		1
22R	Resistor	R4, R6	R0603		2
1K5	Resistor	R11, R14	R0603		2
Circuit Breaker	Circuit Breaker	SB1, SB2, SB3, SB4	JP2_SMD	Circuit Breaker	4
TP	Test Point	T1, T2	TP	TP	2
LDO	General LDO SOT23-5	U1	SOT23-5	LDO-SOT23-5	1
STM32F103CxT	Cortex M3, 48-pin LQFP	U2	LQFP-48	STM32F103CxT	1
8MHz	Crystal	X1	XTAL_socket	CRYSTAL	1
32KHz	Crystal	X2	XTAL0602	CRYSTAL	1