

Comment	Description	Designator	Footprint	LibRef	Quantity
220uF	极性电容	C1	TAJ-B	Cap Pol2	1
104	Capacitor	C2, C4, C9, C10, C11, C12, C13, C14, C15	0603p	C	9
106	Capacitor	C3	0603p	C	1
22pf	Capacitor	C5, C6, C7, C8	0603p	C	4
LED0	Typical INFRARED GaAs LED	D1, D2	LED0805	LED0	2
Key		key1	Key	Key	1
Header 4	Header, 4-Pin	P1, P3, P8, P9	HDR1X4	Header 4	4
SWD	Header, 4-Pin	P2	HDR1X4	Header 4	1
Header 3	Header, 3-Pin	P5	HDR1X3	Header 3	1
Header 5	Header, 5-Pin	P6, P7	HDR1X5	Header 5	2
10K	Resistor	R1, R2, R3, R6, R8, R10	R0805	R	6
360R	Resistor	R4, R5	R0805	R	2
120R	Resistor	R7	R0805	R	1
4.7K	Resistor	R9	R0805	R	1
STM32F103 C8T6	STM32F103 C8T6	U1	LQFP48	STM32F103 C8T6	1
AMS1117-3.3		U2	AMS1117	AMS1117	1
SP3485		U3	SOP-8	MAX3485	1
8M	Crystal Oscillator	Y1	49SMD	XTAL	1
32.768K	Crystal Oscill	Y2	XTAL32	XTAL	1