



Comment	Description	Designator	Footprint	LibRef	Quantity
22PF	贴片电容	C1, C5	C0603	C0603	2
10UF	贴片电容	C2, C7	C0603	C0603	2
100NF	贴片电容	C3, C4, C6, C8, C9, C10, C11, C12	C0603	C0603	8
3.3V稳压管	稳压管	D1	D1206	TVS-SMA	1
LED灯条-10P	LED灯条	D3, D4, D5, D6	LED-10	LED-10	4
DIC16	连接器	P1	141V-8P	DIC16	1
SIP8	连接器	P2	SIP8	SIP8	1
SIP4	连接器	P5	SIP4	SIP4	1
1K	贴片电阻	R1, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45	R0603	R-0603	41
10R	贴片电阻	R4	R0603	R-0603	1
LM1117-3.3	芯片	U1	SOT223	1117	1
STM32F103-48		U3	LQFP48	STM32F103-48	1
74HC595PW	芯片	U4, U5, U6, U7, U8	TSSOP16	74HC595	5
无源晶振-8M	无源晶振-8M	Y1	XTAL-3225-4	XTAL-4-W	1