









Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C3, C4, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24	0603C	Cap	23
Fuse 1	Fuse	F1	0805F	Fuse 1	1
Inductor	Inductor	L1	0805L	Inductor	1
ETM12880	TL0350, 38P	LCD1	TL0350_38P	ETM12880	1
R	Typical RED LED	LED1	0603LED	LED2	1
G	Typical GREEN LED	LED2	0603LED	LED2	1
W	Typical White LED	LED3	1206LED	LED3	1
B	Typical Blue LED	LED4	0603LED	LED2	1
Header 20	Header, 20-Pin	P1, P2	HDR1X20	Header 20	2
SWD	Header, 4-Pin	P3	HDR1X4	Header 4	1
UART	Header, 4-Pin	P4	HDR1X4	Header 4	1
MICRO-USB-B	MicroUSB母座	P5	MICRO-USB-B	MICRO-USB-	1
S8050	NPN Bipolar Transistor	Q1	SOT-23	NPN	1
Res3	Resistor	R1, R2, R3, R4, R6, R7, R10, R11, R13, R14, R15, R16	0603R	Res3	12
Res3	Resistor	R5, R8, R9	0805R	Res3	3
SW-PB	Switch	S1, S2, S3, S4, S5	SPST-SM2	SW-PB	5
STM32F103C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48	STM32F103C8T6	1
XC6206	LDO-3.3V	U2	SOT-23	XC6206	1
W25Q64	SPI Flash	U3	SO8W	W25Q64	1
TP4057	锂电池充电IC	U4	SOT26A-6N	TP	1
XTAL_8M_4P	4脚贴片无源晶振	X1	XTAL_5032_4P	XTAL4P	1