





Comment	Description	Designator	Footprint	LibRef	Quantity
10UF	Capacitor/小容量电容	C1, C6	1206C	CAP	2
3.3pF	Capacitor/小容量电容	C2	0805C	CAP	1
4.7UF	Capacitor/小容量电容	C3	1206C	CAP	1
100NF	Capacitor/小容量电容	C4, C10, C11, C12, C13	0805C	CAP	5
4.7UF	Capacitor/小容量电容	C5	0805C	CAP	1
0.1UF	Capacitor/小容量电容	C7	0805C	CAP	1
20PF	Capacitor/小容量电容	C8, C9	0805C	CAP	2
DIODE-S	SCHOTTKY	D1, D2, D3, D4, D5	C_SMA_3216	DIODE-S	5
LED		D6	LED5050_RGB	LED_5050RGB	1
LED		D7, D8, D9, D10, D11, D12, D13, D14	0805D	LED	8
Li Battery - 3.7V		J1	P2_2.0-2	SIP2	1
M1		J2, J3, J4, J5	P2_2.0-1	SIP2	4
ST_LINK		J6	P4_2.54-1	SIP4	1
SIP3		J7	PC_3	SIP3	1
白		L1	D0805	LED	1
10UH		L2, L3	1206	L	2
INDUCTOR		L4	R0805	INDUCTOR	1
SI2302		Q1, Q2, Q3, Q4, Q5	SI2302	SI2302	5
RES	Semiconductor Resistor	R1, R2, R5, R7, R8, R9, R11, R12, R13, R14, R15, R16, R17, R19, R21, R22, R23, R24	R0805	RES	18
0R		R3	2512R - duplicate	Res_1	1
Res1	Resistor	R4	R0805	Res1	1
620K		R6	0805R	Res	1
200K		R10	0805R	Res	1
10k	8P4R_0603	R18	8P4R_0603	8P4R_0603	1
100R		R20	0805R	Res	1
SW-DPDT	Double-Pole, Double-Throw Switch	S1	KEY_KFT7.0	SW-DPDT	1
STM32F103C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U1	LQFP48_N	STM32F103C8T6	1
TPS6140		U2	SOT-23-5	TPS6140	1
AMS1117	Header, 2-Pin	U3	ZZ311	AMS1117	1
2.4G		U4	2.4G_mini	2.4G_mini	1
GY_86		U5	P8_2.54-1	GY_86	1
CRYSTAL1	CRYSTAL1	Y1	Y2	CRYSTAL1	1