





Comment	Description	Designator	Footprint	LibRef	Quantity
TEST	测试点	48V_GND	TEST0_3MM	T	2
Cap	无极性电容	C1, C2, C3, C5, C6, C7, C8	0805-2	Cap	7
Cap Pol	极性电解电容	C4	C-RB-6	Ca	1
Header 3	Header, 3-Pin	CEP	HDR1X3	Header 3	1
SWIM	Header, 4-Pin	CRP	HDR1X4	Header 4	1
Diode-Z	稳压二极管	D1	DIODE-AXL	Dio	1
Diode-Z	稳压二极管	D2, D3	DIODE-AXL_10mm	Dio	2
Diode	二极管	D4	DIODE-AXL_10mm	Diode	1
LED0	发光二极管	D5	LED_A2	LED0	1
TVS	TVS保护	L2, L3	DIODE-1206	TVS	2
CC4	Header, 3-Pin	NIU	HDR1X3	Header 3	1
NIU	电池接口	NIU1	NIU	NIU	1
Res1	贴片电阻	R1, R2, R8, R9, R10, R11, R13	0805-2	R	7
Res1	贴片电阻	R3, R4, R5, R6, R7, R14	AXIAL-20-0.8	R	6
Res1	贴片电阻	R12	2010	R	1
STM8S103XPXX	ST 8-bit Microcontroller	U1	TSSOP20 - duplicate	STM8S103F2P6	1
TP8485E		U2	SOIC-8P	TP8485E	1
ASM1117	3.3V稳压芯片	U3	SOT-223	ASM1117	1
78M05	5V 0.5A	U4	TO-252	78M05	1