



Comment	Description	Designator	Footprint	LibRef	Quantity
100uF (107) ±10% 6.3V	钽电容	C1, C9, C15	LC-CASE-B_3528	POCAP 3528 100uF (107) 10% 6.3V	3
1uF (105) 10% 50V	贴片电容	C2, C3, C4, C5, C7, C10, C13, C14, C25	LC-0603_C	CAP 0603 1uF (105) 10% 50V	9
1uF (105) 10% 50V	贴片电容	C6, C8	LC-0805_C	CAP 0805 1uF (105) 10% 50V	2
15pF (150) 5% 50V	贴片电容	C11, C12	LC-0603_C	CAP 0603 15pF (150) 5% 50V	2
10uF (106) 10% 25V	贴片电容	C16	LC-0805_C	CAP 0805 10uF (106) 10% 25V	1
22pF (220) 5% 50V	贴片电容	C17, C18, C23, C24	LC-0603_C	CAP 0603 22pF (220) 5% 50V	4
100nF (104) 10% 50V	贴片电容	C19	LC-0603_C	CAP 0603 100nF (104) 10% 50V	1
30pF (300) 5% 50V	贴片电容	C20, C21	LC-0603_C	CAP 0603 30pF (300) 5% 50V	2
4.7nF (472) 10% 50V	贴片电容	C22	LC-0603_C	CAP 0603 4.7nF (472) 10% 50V	1
LED DIP2-3MM-GREEN	发光二极管,绿灯	D1	DIP2-3MM-LED	LED DIP2-3MM-GREEN	1
LED DIP2-3MM-RED	发光二极管,红灯	D2	DIP2-3MM-LED	LED DIP2-3MM-RED	1
CAN PESD2CAN	CAN bus ESD protection diode	D3	LC-SOT-23-3L	CAN/PESD2CAN	1
Fuse MF-PSMF050X-2 500mA	Fuse PTC 6V 500mA lh 0805	F1	LC-0805_L	Fuse 500mA 0805	1
CONN USB TYPE B BLACK	USB - B 插座 连接器 4 位 通孔, 直角	J1	USB-B	USB-B DIP-4	1
BS0505S/D-1W	1000VDC 隔离 DC-DC 模块 DIP-4	P1	B_S-1W-DIP4	BS0505S/D-1W	1
Header 2H	Header, 2-Pin, Right Angle	P2	HDR1X2H	Header 2H	1
CON BLOCK HDR 3POS 90DEG 5.08MM	3 位 端接块 接头, 公引脚, 带罩 (2 面) 0.200" (5.08mm) 90°, 直角 通孔	P3	CONN_5_08-3P	CON BLOCK HDR 3POS 90DEG 5.08MM	1
Header 3X2	Header, 3-Pin, Dual row	P4	HDR2X3	Header 3X2	1
22Ω (22R0) ±1%	贴片电阻	R1, R3, R16, R17	LC-0603_R	RES 0603 22Ω (22R0) 1%	4
1.5KΩ (1501) ±1%	贴片电阻	R2	LC-0603_R	RES 0603 1.5KΩ (1501) 1%	1
330Ω (3300) ±1%	贴片电阻	R4, R11	LC-0603_R	RES 0603 330Ω (3300) 1%	2
1KΩ (1001) ±1%	贴片电阻	R5, R10, R21	LC-0603_R	RES 0603 1KΩ (1001) 1%	3
510Ω (5100) ±1%	贴片电阻	R8, R9	LC-0603_R	RES 0603 510Ω (5100) 1%	2
10KΩ (1002) ±1%	贴片电阻	R12, R14, R18	LC-0603_R	RES 0603 10KΩ (1002) 1%	3
1.0MΩ (1204) ±1%	贴片电阻	R13, R22	LC-0603_R	RES 0603 1.0MΩ (1004) 1%_1	2
120Ω (1200) ±1%	贴片电阻	R15	LC-0603_R	RES 0603 120Ω (1200) 1%	1
1.3KΩ (1301) ±1%	贴片电阻	R19, R20	LC-0603_R	RES 0603 1.3KΩ (1301) 1%	2
6N137S(TA)	贴片光耦	U1, U3	LC-SMD-8_6.3mm	6N137S(TA)	2
STM32F103C8T6	ARM	U2	LC-LQFP-48_7x7x05P	STM32F103C8T6	1
CAN/TJA1040T/CM	CAN	U4	LC-SOIC-8_150mil	CAN/TJA1040T/CM	1
MCP2515-I/TSSOP20	CAN	U5	LC-TSSOP-20	MCP2515-I/TSSOP20	1
AMS1117-3.3	低压差线性稳压 (LDO)	VR1	LC-SOT-223	LDO AMS1117-3.3	1
16MHz ±20ppm	贴片晶振	Y1, Y2	49S_SMD	CYS_49SMD_16MHz	2