

Comment	Description	Designator	Footprint	LibRef	Quantity
CAN		*1	CAN	CAN	1
BAT	Header, 2-Pin	Battery1	HDR1X2	BAT	1
10uF	贴片电容	C1, C3, C4, C5, C6	0603_C	0603 10uF (106) 10% 10V	5
100nF	贴片电容	C2, C11, C12, C13, C14, C15, C16, C17, C18, C19	0603_C	0603 100nF (104) 10% 50V	10
20pF	贴片电容	C7, C8, C9, C10	0603_C	0603 20pF (200) 5% 50V	4
1uF	贴片电容	C20	0603_C	0603 1uF (105) 10% 50V	1
红灯	发光二极管	D1	0603_LED_S1	0603 红灯	1
蓝灯	发光二极管	D2	0603_LED_S1	0603 蓝灯	1
绿灯	发光二极管	D3	0603_LED_S1	0603 绿灯	1
BUTTON		K1	BTN8.5*8.5	BUTTON	1
摇杆电位计		K2, K3	摇杆电位计	摇杆电位计	2
KEY		K4, K9, K15	旋转电位计	旋转电位计	3
KEY_M		K5, K6, K7, K8, K11, K12, K13, K17, K18, K19, RESET	KEY_M	KEY_M	11
KEY(LOCK)		K10, K14, K16, K20	自锁按键	自锁按键	4
10uH ±10%	贴片电感	L1	0603_L	0603 10uH 10%	1
Header 4	Header, 4-Pin	P1	HDR1X4	Header 4	1
USART	Header, 4-Pin	P2, P10	HDR1X4	Header 4	2
Header 3X2	Header, 3-Pin, Dual row	P3, P5, P6, P7	HDR2X3	Header 3X2	4
OLED	Header, 4-Pin	P4	HDR1X4	Header 4	1
Header 8	Header, 8-Pin	P8	HDR1X8	Header 8	1
Header 7	Header, 7-Pin	P9	HDR1X7	Header 7	1
Header 3	Header, 3-Pin	P11, P12	HDR1X3	Header 3	2
22Ω	贴片电阻	R1, R5	0603_R	0603 22Ω (22R0) 1%	2
470Ω	贴片电阻	R2, R3, R4	0603_R	0603 470Ω (4700) 1%	3
1.5KΩ	贴片电阻	R6	0603_R	0603 1.5KΩ (1501) 1%	1
10KΩ	贴片电阻	R7, R8, R9, R10, R11, R12, R13, R14, R16, R17, R18, R19, R20, R21, R23, R24, R25, R27, R28	0603_R	0603 10KΩ (1002) 1%	19
120Ω	贴片电阻	R15	0603_R	0603 120Ω (1200) 1%	1
0Ω (0R0) ±1%	贴片电阻	R22, R26	0603_R	0603 0Ω (0R0) 1%	2
CH340G	USB	U1	SOIC-16_150mil	CH340G_[C14267]	1
STM32F103VET6	ARM	U2	LQFP- 100_14x14x05P	STM32F103VET6	1
CAN/TJA1050T/CM	CAN	U3	SOIC-8_150mil	CAN/TJA1050T/CM [C6952]	1
USB-B(Mini)		USB_SLAVE	USB/SM0.8-6H5	USB5	1
HT7533-1	低压差线性稳压 (LDO)	VR1	SOT-89(SOT-89-3)	SOT-89 HT7533-1	1
HT7550-1	低压差线性稳压 (LDO)	VR2	SOT-89(SOT-89-3)	SOT-89 HT7550-1	1
12MHZ	贴片晶振	Y1	SMD-3225_4P	SMD-3225_4P 12MHZ 20PF 10PPM	1
8MHz ±20ppm 20pF	贴片晶振	Y2	SMD-5032_2P	SMD-5032_2P 8MHz	1