





Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	贴片电容	C1	0603_C	0603 10uF (106) 10% 10V	1
22uF	贴片电容	C2	0603_C	0603 22uF (226) 20% 6.3V	1
1uF	贴片电容	C3, C4, C5, C6, C22	0603_C	0603 1uF (105) 10% 50V	5
100nF	贴片电容	C7, C8, C9, C10, C15, C16, C17, C18, C19, C20	0603_C	0603 100nF (104) 10% 50V	10
20pF	贴片电容	C11, C12	0603_C	0603 20pF (200) 5% 50V	2
2.2uF	贴片电容	C13, C23	0603_C	0603 2.2uF (225) 10% 16V	2
4.7uF	贴片电容	C14	0603_C	0603 4.7uF (475) 10% 16V	1
10nF	贴片电容	C21	0603_C	0603 10nF (103) 10% 50V	1
CAN	Connector	CAN1, CAN2	XH-2	CON2	2
红灯 0603	发光二极管	D1, PC2	0603_LED_S1	0603 红灯	2
绿灯 0603	发光二极管	D2	0603_LED_S1	0603 绿灯	1
10uH	贴片电感	L1	0603_L	0603 10uH 10%	1
Header 17X2	Header, 17-Pin, Dual row	P1, P2	HDR2X17	Header 17X2	2
白灯 0603	发光二极管	PC0	0603_LED_S1	0603 白灯	1
蓝灯 0603	发光二极管	PC1	0603_LED_S1	0603 蓝灯	1
黄灯 0603	发光二极管	PC3	0603_LED_S1	0603 黄灯	1
SW-PB	微动开关	PC4, PC5, RESET	SW_PB2_A1	SW-PB	3
BEEP		PD0	BELL-5	BEEP	1
BAT	Connector	POW	XH-2	CON2	1
SS8050 Y1	三极管	Q1	SOT-23(SOT-23-3)	SOT-23 SS8050 Y1	1
470Ω	贴片电阻	R1, R2	0603_R	0603 470Ω (4700) 1%	2
10KΩ	贴片电阻	R3, R5, R7, R9, R11	0603_R	0603 10KΩ (1002) 1%	5
120Ω	贴片电阻	R4, R6	0603_R	0603 120Ω (1200) 1%	2
1KΩ	贴片电阻	R8	0603_R	0603 1KΩ (1001) 1%	1
0Ω	贴片电阻	R10	0603_R	0603 0Ω (0R0) 1%	1
470Ω	贴片排阻	Rp1	0603_Rx4	0603*4 470Ω (471) 5%	1
SWD	Connector	SWD	PH-4	CON4	1
STM32F407VET6	ARM	U1	LQFP- 100_14x14x05P	STM32F407VET6	1
MAX232ESE	RS232	U2	SOIC-16_150mil	MAX232ESE_[C268 60]	1
CAN/TJA1050T/CM	CAN	U3, U4	SOIC-8_150mil	CAN/TJA1050T/CM _[C6952]	2
	Connector	UART1, UART2, UART3(232), UART6	XH-4	CON4	4
AMS1117-3.3	低压差线性稳压 (LDO)	VR1	SOT-223	SOT-223 AMS1117-3.3	1
8MHz	贴片晶振	Y1	SMD-5032_2P	SMD-5032_2P 8MHz	1