



Comment	Description	Designator	Footprint	LibRef	Quantity
LED1	Typical INFRARED GaAs LED	1	0805	LED0	1
LED2	Typical INFRARED GaAs LED	2	0805	LED0	1
LED3	Typical INFRARED GaAs LED	3	0805	LED0	1
LED4	Typical INFRARED GaAs LED	4	0805	LED0	1
1uF	Capacitor	C1, C2, C5, C17	0805	Cap	4
100UF		C3, C4	C0805 铝电容	CAP	2
104	Capacitor	C6, C18	0805	Cap	2
0.1UF	Capacitor	C7, C8, C9, C10, C13, C15	0805	Cap	6
22	Capacitor	C11, C12	0805	Cap	2
10nF	Capacitor	C14, C16	0805	Cap	2
Diode	Default Diode	D1, D2, D3, D4	贴片1N4007	Diode	4
BATTERY	Header, 2-Pin	P3	HDR1X2	Header 2	1
Motor1	Header, 2-Pin	P4	HDR1X2	Header 2	1
Motor2	Header, 2-Pin	P5	HDR1X2	Header 2	1
Motor3	Header, 2-Pin	P6	HDR1X2	Header 2	1
Motor4	Header, 2-Pin	P7	HDR1X2	Header 2	1
SWD	Header, 4-Pin	P11	HDR1X4	Header 4	1
Header 5	Header, 5-Pin	P13	HDR1X5	Header 5	1
BMP280	Header, 6-Pin, Right Angle	P14	HDR1X6	Header 6H	1
XC6206	Header, 3-Pin	P15	SOT-89	Header 3	1
MOS1	N-Channel MOSFET	Q1	SOT-23	MOSFET-N	1
MOS2	N-Channel MOSFET	Q2	SOT-23	MOSFET-N	1
MOS3	N-Channel MOSFET	Q3	SOT-23	MOSFET-N	1
MOS4	N-Channel MOSFET	Q4	SOT-23	MOSFET-N	1
4.7K	Resistor	R1, R23	0805	Res2	2
10K	Resistor	R2, R3, R4, R5, R7, R9, R11, R13	0805	Res2	8
100R	Resistor	R6, R8, R10, R12	0805	Res2	4
680R	Resistor	R14, R15, R16, R17	0805	Res2	4
0R	Resistor	R24	0805	Res2	1
ON/OFF		S2	BTN7*7	单刀开关	1
STM32F103C8T6	Medium-density performance line ARM-based 32-bit MCU with 64KB Flash, USB, CAN, 7 timers, 2 ADCs	U1	LQPF48	STM32F103C8T6	1
NRF24L01		U2	HDR2X4	Component_2	1
MPU6050		U3	QFN24	Component_1	1
8M	Crystal Oscillator	Y2	XTAL	XTAL	1