





























Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Pol2	Polarized Capacitor (Axial)	C1	CAP 3.5*8*11.5	Cap Pol2	1
Cap	Capacitor	C2, C4, C7, C8, C9, C10, C11, C12, C13, C14, C21	C 0805_M	Cap	11
Cap Pol2	Polarized Capacitor (Axial)	C3	CAP 2.5*6.3*11.2	Cap Pol2	1
Cap	Capacitor	C5, C6	C 0603_M	Cap	2
9pf	无极性贴片电容	C15, C20	C 0402_M	C	2
100nF	无极性贴片电容	C16, C17, C18, C19	C 0603_L	C	4
103	无极性贴片电容	C22, C27, C29	C 0805_L	C	3
104	无极性贴片电容	C23	C 0805_L	C	1
10uF	无极性贴片电容	C24	C 0805_L	C	1
0.1uF	无极性贴片电容	C25, C26	C 0805_L	C	2
47uF	无极性贴片电容	C28	CAP 2.0*5*11	C	1
LED1	Typical INFRARED GaAs LED	D1	PK0608	LED0	1
LED0	Typical INFRARED GaAs LED	D2	LED 0805R	LED0	1
LED1	Typical INFRARED GaAs LED	D3	LED 0805B	LED0	1
5V指示灯	Typical INFRARED GaAs LED	D4	LED 0805B	LED0	1
ss34		D5	DO -214AB	ss34	1
D202S		D6	D202S	D202S	1
LED0 绿色	Typical INFRARED GaAs LED	D7	LED 0805R	LED0_1	1
LM2596-5.0V	DC降压芯片	IC1	TO263-5A	LM2596-5.0	1
IP5303	1.0A 同步升压转换,1.2A 同步开关充电	IC2	ESOP8_M	IP5303	1
AMS-1117-3.3		IC3	SOT-223	AMS-1117-5.0	1
stm32f103c6t6		IC4	stm32f103c6t6	stm32f103c6t6	1
BISS0001		IC5	SOP16	BISS0001	1
Inductor	Inductor	L1	L-SMD-0630	Inductor	1
Inductor	Inductor	L2	CD54	Inductor	1
大功率LED底座		LB1	LED_BASE	LED_BASE	1
BAT	Header, 2-Pin	P1	HDR1X2	Header 2	1
太阳能供电	Header, 2-Pin	P2	HDR1X2	Header 2	1
5V输出	Header, 2-Pin	P3	HDR1X2	Header 2	1
Header 3X2	Header, 3-Pin, Dual row	P4	HDR2X3	Header 3X2	1
Header 4	Header, 4-Pin	P5	HDR1X4	Header 4	1
Header 2	Header, 2-Pin	P6	HDR1X2	Header 2	1
CJ3400	N-Channel MOSFET	Q1, Q2	SOT-23	CJ3400	2
Res2	Resistor	R1	1206R	Res2	1
Res2	Resistor	R2, R6, R7, R9	R 0603_M	Res2	4
Res2	Resistor	R3, R8, R11, R12	R 0805_L	Res2	4
Res2	Resistor	R4, R5	0805R	Res2	2
1M	贴片电阻	R10, R13, R18, R19, R21, R22	R 0805_L	R	6
47K	贴片电阻	R14, R23, R24	R 0805_L	R	3
1k	贴片电阻	R15, R20	R 0805_L	R	2
R_Light		R16	LDR3.5X5	R_Light	1
3K	贴片电阻	R17	R 0805_L	R	1
2k	贴片电阻	R25	R 0805_L	R	1
Switch_JUMPER		S1	Switch_JUMP	Switch_JUMPER	1
M3螺丝		SC1, SC2, SC3, SC4	M3 螺丝	M3 螺丝	4
贴片 16M晶振		X1	SMD3225 16M	SMD3225 16M	1