





Comment	Description	Designator	Footprint	LibRef	Quantity
22pF	无极性电容	C1, C2, C13, C15	0603_C	Cap	4
0.1uF	无极性电容	C3, C6, C7, C8, C9, C10, C11, C12, C14, C16	0603_C	Cap	10
1uF	无极性电容	C4, C5	0603_C	Cap	2
0.1uF	Capacitor	C17, C18, C19, C20	1206	普通电容	4
LED0	发光二极管	D1, D2, D3, D4	LED_0805_Blue	LED0	4
MAX6675ISA	Integrated Circuit	IC1	SOIC127P600X175-8N	MAX6675ISA	1
TPC817D	Integrated Circuit	IC2	DIP810W50P254L460H368Q4N	TPC817D	1
USB_M	MicroUSB接口	J1	USB	USB_M	1
5442918	Connector	J2, J3, J4	SHDR2W100POX508_1X2 1016X1120X1820P	5442918	3
69190-402HLF	Connector	J5	HDRV2W90POX254_1X2 508X241X858P	69190-402HLF	1
G3MB-202P-4_DC5	Relay or Contactor	K1	G3MB202P4DC5	G3MB-202P-4_DC5	1
TMB12A05	Loudspeaker or Buzzer	LS1	TMB12A05	TMB12A05	1
Header 3*2	接插件	P1	HDR3X2	Header 3*2	1
Header 4	接插件	P2	HDR4X1_A	Header 4	1
Header 16	Header16贴片	P3	HDR16X1_A	Header 16	1
SS8050	NPN贴片三极管	Q1, Q3, Q4	SOT-23	SS8050	3
SS8550	PNP贴片三极管	Q2	SOT-23	SS8550	1
10K	贴片电阻	R1, R2, R3, R4, R6, R8, R10, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47	0603_R	Res1	18
1K	贴片电阻	R5, R7, R9, R14, R15	0603_R	Res1	5
10K	[NoValue], Resistor	R11, R12, R13, R17, R18, R19, R20, R33	1206	RES2	8
4.7K	贴片电阻	R16	0603_R	Res1	1
1k	Resistor	R21	1206	Res2	1
10	Resistor	R22	1206	Res2	1
270	贴片电阻	R23, R24, R25, R26, R27, R30, R31, R32, R34, R35, R36	0603_R	Res1	11
470	Resistor	R28	1206	Res2	1
4.7K	Resistor	R29	1206	Res2	1
SW-PB	微动开关	S1	SW_PB2_A1	SW-PB	1
TS665CJ	Switch	S2, S3, S4, S5	TS665CJ	TS665CJ	4
ME6211		U1	SOT23-5	ME6211	1
CH340G	串口芯片	U2	SOP-16	CH340G	1
STM32F103C8T6	STM32单片机48引脚	U3	LQFP-48_M	STM32F103C8T6	1
C3131	Undefined or Miscellaneous	U4	C3131	C3131	1
VG039NCHXTB204	Variable Resistor	VR1	VG039NCHXTB204	VG039NCHXTB204	1
8M	晶振	Y1	5032	XTAL	1
12M	晶振	Y2	5032	XTAL	1