



Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Capacitor	C4, C7, C9, C10, C11, C19, C20, C24, C25, C26, C27, C28, C30	0603	CAP	13
10uF	Capacitor	C5, C6, C8, C17, C18, C21, C29	0603	CAP	7
22pF	Capacitor	C13, C14	0603	CAP	2
	Capacitor	C15, C16	0603	CAP	2
SS34	Diode	D2	DO-214AC	DIODE	1
LED	LED	D3	0603-P	LED	1
M7	Diode	D4	DO-214AC	DIODE	1
BAS516	Diode	D5, D6	0603-P	DIODE	2
F0603HI4000V032T	Fuse	F1	0603	FUSE	1
SW-PB		K1	KEY	SW-PB	1
HF49FD	继电器	K3	HFD49	HF49FD	1
10uH	INDUCTOR	L2	GDSD3316	INDUC	1
CON2	CON2	P1	XH2.5-2A	C	1
Header 2	Header, 2-Pin	P2, P3, P4, P6	XH-2PIN-S	Header 2	4
Header 8	Header, 8-Pin	P5	XH-8PIN-S	Header 8	1
Header 6	Header, 6-Pin	P7	FPC-6	Header 6	1
Header 7	Header, 7-Pin	P8	HDR1X7	Header 7	1
Header 3	Header, 3-Pin	P9, P10, P11, P14	XH-3PIN-S	Header 3	4
Header 6	Header, 6-Pin	P12	HDR1X6	Header 6	1
pMOS	pMOS	Q1, Q3, Q6	SOT23_P MOS	pMOS	3
NMOS	NMOS	Q2, Q5	SOT23_P MOS	NMOS	2
MMBT5551	NPN Transistor	Q4	SOT23-3	NPN	1
200k	RES	R2, R3	0603	RES	2
10k	RES, Resistor, Resistor	R5, R21, R22	0603	RES, Res2, Res2	3
RES	RES	R6	0603	RES	1
100k	RES	R7	0603	RES	1
51k	RES	R8, R10, R15, R35	0603	RES	4
4.7k	RES	R9, R16, R17, R32	0603	RES	4
3k	RES	R11, R24	0603	RES	2
11k	RES	R12	0603	RES	1
1k	RES	R13, R19	0603	RES	2
1.6k	RES	R18, R20	0603	RES	2
HT7533	LDO	U1	SOT89-3	BL8064	1
TPS61175-Q1	Boost	U2	TPS61175	TP	1
ESP-07		U3	ESP-07	ESP-07	1
STM32F103-C8T6		U4	LQFP-48	STM32F103-C8T6	1
AT24C128C-SS	EEPROM	U5	SOIC-8	AT24C128C-SS	1
8M	Crystal	Y1	XTAL	CRYSTAL	1