









Comment	Description	Designator	Footprint	LibRef	Quantity
XH2.54-5P	通用 连接端子	BUTTONS_IN, BUTTON	XH2.54-5	XH2.54-5P	5
Capacitor Eletrolitico	Capacitor Eletrolitico	C1, C3	CAPACITOR ELETROLIT	Capacitor Eletrolitico	2
Capacitor Eletrolitico	Capacitor Eletrolitico	C2, C4	CAPACITOR ELETROLIT	Capacitor Eletrolitico	2
Capacitor Ceramico	Capacitor PTH	C5, C6, C7	Capacitor Ceramico	Capacitor Ceramico	3
1N4007-G	Diode	D1, D2	DIOAD1410W90L470	1N4007-G	2
LM317	Integrated Circuit	IC1	TO254P467X1016X19	LM317	1
X9C104PIZ	Integrated Circuit	IC2	DIP794W51P254L952	X9C104PIZ	1
ATMEGA328P-PU	Integrated Circuit	IC3	DIP794W53P254L346	ATMEGA328P-PU	1
Jack P4	Conector Femêa Jack	J1	CONECTOR_JACK_P4	Jack P4	1
Peltier	通用接 线端子	J2	KF301-5.08-2P	接线端子-2P	1
STOP_BUTTON	通用接 线端子	J7	KF301-5.08-2P	接线端子-2P	1
BUZZER	DC Buzzer	LS1	Buzzer	BUZZER	1
128x64 Dot Matrix OL	ED Module based on S	OLED	DISPLAY-OLED-128X64	DISPLAY-OLED-128X64	1
IRF540NLPBF	MOSFET (N-Channel)	Q1	TO254P483X1016X15	IRF540NLPBF	1
Res1	Resistor	R1, R2, R3, R4, R5, R6,	AXIAL-0.3	Res1	11
RGB_LED	Diode	RGB	KNIGHTBRIGHT-1.27P	L-154A4SURKQBDZGV	1
Chave Tact	Chave Tact	SW1, SW2, SW3	Chave TACT	Chave Tact	3
LM78L05ACZ	Undefined or Miscella	U1	TO260P419X476X877	LM78L05ACZ	1
XTAL	Crystal Oscillator	Y1	R38	XTAL	1