



Comment	Description	Designator	Footprint	LibRef	Quantity
Nut Nhan 2 Chan SMD 3x6x2.5	Nut Nhan 2 Chan SMD 3x6x2.5	BT2	Nut Nhan 2 Chan SMD 3x6x2.5	Nut Nhan 2 Chan SMD 3x6x2.5	1
100n		C1, C2, C5, C6, C7, C8	CN-SMD-1206	CN	6
10u	Polarized Capacitor (Axial)	C3, C4	CAP-ALU-SMD-5.5x5.5	CN-SMD	2
Header4	Header IDC, 4 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	C9, C10	HDR4	Header4	2
Header6	Header IDC, 6 x 1 Pin Vertical 2.54mm Pitch (Non-Boxed, Male)	C11	HDR6	Header6	1
5.1V	Dán	D1	DIODE ZENNER SMD SOD80	Diode Zener 5.1V	1
LED		LED1	LED-1206-Red	LED SMD	1
LED	LED Single colour Green and Red	LED2	LED-5MM-GREEN	LED	1
s8050_smd	Bipolar (BJT) Transistor NPN 25 V 500 mA 150MHz 300 mW Surface Mount SOT-23	Q1, Q2	SOT-23	s8050_smd	2
1k	Resistor	R1	RES-SMD-1206	Res-SMD	1
470	Resistor	R2, R6, R7	RES-SMD-1206	Res-SMD	3
10k	Resistor	R3, R4	RES-SMD-1206	Res-SMD	2
SW	Switch button 2 pin	SW1	SW1-DIP-12x12x8-Red	SW2	1
ESP32-WROOM-32D-N4	Bluetooth, WiFi 802.11b/g/n, Bluetooth v4.2 +EDR, Class 1, 2 and 3 Transceiver Module 2.4GHz ~ 2.5GHz Integrated, Trace Surface Mount	U1	MODULE_ESP32-WROOM-32D-N4	ESP32-WROOM-32D-N4	1
LM1117-3.3V	800mA Low-Dropout Linear Regulator	U2	SOT223	LM1117	1
CH340C	High and Low Side Driver	U3	SO16	CH340C	1
USB Micro 5p DIP	USB Type B	USB1	USB Micro 5p DIP	USB Micro 5p DIP	1