









Comment	Description	Designator	Footprint	LibRef	Quantity
Nut Nhan 2 Chan	Nut Nhan 2 Chan		Nut Nhan 2 Chan	Nut Nhan 2 Chan	
SMD 3x6x2.5	SMD 3x6x2.5	BT1 C1, C2, C3, C5, C14,	SMD 3x6x2.5	SMD 3x6x2.5 Tu 104, Tu 0805 104	1
104	Dán	C29, C34, C38, C39	Tu 0805	50V 10%	9
		C4, C6, C15, C16,			
106	Dán	C27, C28, C32, C33, C35, C36, C37	Tu 0805	Tu 0805 106 16V 10%	11
100	Daii	C35, C36, C37	10 0603	Tu Hoa 22uF 35V	- 11
22uF	Cắm	C26	tu hoa 5mm	5x11	1
				Tu 0805 224 50V	
226	Dán	C30, C31	tu 0805	10%, Tu 0805 226 16V 20%	2
				Diode SS14 (
SS14	Dán	D1	DIODE SMA	1N5819)	1
0.5W 5.1V	Dán	D2	DIODE ZENNER SMD SOD80	Diode Zener 5.1V	1
				Diode SS34 (
SS34	Dán	D6	DO_SMD_NEW	1N5822)	1
DHT22	FUSE POLYSWITCH	DHT1	DHT22	DHT22 Cau chi tu phuc hoi	1
3A 16V	RUE SERIES 3A 16V	F1	FUSE-RUEF250U-2	3A 16V	1
	Ferrite bead 120				
120R	Ohm at 100 MHz 2A 0603 SMD	ED1 ED2	INDC1608N	FERRITE_120R_2.5A-	2
Header 2P 2.54 Duc	0603 SIVID	FB1, FB2	INDC1606IN	0603 Header 2P 2.54 Duc	2
Thang	Cắm	H2	XH2.54M-2	Thang	1
W25Q16		IC1	W25Q16 -SOIC8	W25Q16	1
AMS1117 3.3V		IC6	SOT223	AMS1117 3.3V	1
MT3608		IC7	SOT23-6A	MT3608_Boost	1
DW01A		IC8	SOT23127P600-8N	DW01A	1
TP4056 1A		IC9	SOP8	TP4056 1A	1
FS8205A		IC10	SOT-23-6L	FS8205A JP 1x4 2.54 Cai	1
OLED 1.3INCH	Cắm	JP1	JP 1x4 CT - OLED	Thang	1
				JP 1x9 2.54 Duc	
JP 1x9 2.54	Cắm	JP2	JP 1x9 DT	Thang	1
	Fixed Inductors MSS1038 SMT				
	Shielded 15 uH 20			IND_22uH-3A-30%-	
IND_22uH-3A	% 3.8 A	L3	IND_22_12X12_SMD	SMD_1	1
LED SMD		LED1, LED6	SM-LED-0805-Blue	LED-SMD-0805	2
LED SMD	MOSFET P-CH 30V	LED4, LED5	SM-LED-0805-Red	LED-SMD-0805	2
AO3401 30V/4A	4A SOT23	Q2	SOT23_3	AO3401	1
		R1, R2, R3, R4, R5,			
		R6, R16, R17, R18, R25, R27, R29, R31,		Tro 0805 5% 10k,	
10k	Dán	R40, R41	tro smd 0805	Tro 0805 5% 12k	15
	_ ,	R7, R8, R9, R10, R11,			
47R	Dán	R12	tro smd 0805	Tro 0805 5% 47R	6
100k 4.7k	Dán Dán	R13	tro smd 0805	Tro 0805 5% 100k	1 2
T./N	Dall	R14, R15	tro smd 0805	Tro 0805 1% 10k Tro 0805 5% 100R,	2
1k	Dán	R19, R35, R36, R37	tro smd 0805	Tro 0805 5% 1k	4
1.8k	Dán	R26	tro smd 0805	Tro 0805 1% 1.8k	1
2.2k	Dán	R28	tro smd 0805	Tro 0805 5% 2.2k	1
100R	Dán	R30, R33	tro smd 0805	Tro 0805 5% 100R	2
0.5R	Dán	R34	tro smd 0805	Tro 0805 5% 0.5R	1
1.2k	Dán	R38	tro smd 0805	Tro 0805 5% 1.2k	1
910R	Dán	R39	tro smd 0805	Tro 0805 1% 910R	1
3.3k	Dán VARISTOR 7V 18A	R42, R43	tro smd 0805	Tro 0805 1% 3.3k	2
7D180K	DISC 7MM	R44	VARISTOR-7D180K	Varistor 7D180K	1
PMS7003		SS1	PMS7003	PMS7003	1
	Wi-Fi/BT BLE Module ESP32-				
ESP32-WROOM-32U		U1	ESP32-WROOM-32	ESP32-WROOM-32U	1
USB Micro 5p DIP	USB Type B	USB1	USB Micro 5p DIP	USB Micro 5p DIP	1
·			Bien Tro Tam Giac	Bien tro tam giac	
100K	Cắm	VR2	Dung	100K Dung	1