

Comment	Description	Designator	Footprint	LibRef	Quantity
AMS1117-3.3		AMS-1	SOT-223	AMS1117	1
C_0603	Capacitor	C1, C2, C3, C6, C7, C8, C9, C12, C13, C16, C17, C18	C0603	C_0603	12
100nF	Surface mount capacitor 0402	C4	C0603	SMT_C_0402	1
100uF	Capacitor	C5	1206	Cap	1
10uF	Capacitor	C10, PWR_C3	1206	Cap	2
104	Capacitor	C15, C20	C0603	Cap	2
4.7uF	Capacitor	C19	C0603	Сар	1
MBR0530	Diode	D1, D2, D3	SOD123	DIODE	3
1N5819	1 Amp General Purpose Rectifier	D4	SOD-323	Diode 1N	1
PFC24/0.5MM	Connector	J2	24PIN ZZ - up	CON24	1
CON3	Connector	J3	SWITCH2-1 7P	CON3	1
THT_Male_P_1x15	THT Male pin header strip 1x15	J4, J5	HEADER SMT 15X1 2.54 B	THT_Male_P_1x15	2
68uH		L1	inductance	Inductance	1
LED_0805		LED1	0805_LED	LED_0805	1
waveshare_logo		logo1	WS_symbol_M_new	waveshare_logo	1
104	Capacitor	PWR_C2	0603	Сар	1
Si1304BDL		Q1	SOT-23(SC70)	MOSFET N	1
10K	Resistor	R2, R3, R4, R5, R6, R7, R8, R10, R11, R12, R13, R15, R16, R17	0603	Res1	14
R_0603	Resistor	R9	0603	R_0603	1
NC	Resistor	R18	0603	Res1	1
OR	Resistor	R19	0603	Res1	1
KEY_RST/USER		S1	SMT_SW_PTS_820	KEY	1
KEY_FLASH		S2	SMT_SW_PTS_820	KEY	1
CP2102	CP2102	U1	CP2102_QFN28	CP2102	1
ESP_12_E	ESP-12 Wi-Fi Module by Al-Thinker	U4	ESP_12_E_L	ESP_12_E	1
USB		USB.J1	MICRO USB 5P - DUPLICATE	USB	1
S8050		VT1, VT2	SMT_TRIODE_NPN	NPN_SOT23	2