

ID	Name	Designator	Footprint	Quantity	Manufacturer Part	Manufacturer	Supplier	Supplier Part	_Price	LCSC Assembly
1	HEADER-FEMALE-2.54_1X4 TH	ESP_PROG1	HDR-4X1/2.54	1	Header-Female-2.54_1x4	LCSC	LCSC	C44527	\$0.0323	
2	Header_Female_1x3	U6	HEADER_FEMALE_1X3	1						
3	M-WifiEsp8266	MW1	M-WIFIESP8266	1	ESP-12F(ESP8266MOD)	Ai-Thinker	tostratonic	BTMWESP		
4	100nF	AS3_C5,AS3_C13	C0402	2	CC0402ZRY5V7BB104P	YAGEO	LCSC	C327414	\$0.0027	Yes
5	ARDUINO_NANO	U1	ARDUINO_NANO	1						
6	CON_TERMINAL_BLOCK_02	J1	TERMINAL_BLOCK_2P_5	1						
7	4 pin push button	ESP_RST1	4 PIN PUSH BUTTON	1						
8	1K	AS3_R4	R0603	1						
9	whiteLEDSMD	AS3_LED4	LED-0805	1	whiteLEDSMD	KENTO	LCSC	C34499	\$0.015	Yes
10	Micro-SD-Module	U3	MICRO_SD_CARD_MODULE	1						
11	TX Jumper	TX_JUMP1	HDR-TH_2P-P2.54-V	1	826629-2	TE Connectivity	LCSC	C86471	\$0.209086	
12	RX Jumper	RX_JUMP1	HDR-TH_2P-P2.54-V	1	826629-2	TE Connectivity	LCSC	C86471	\$0.209086	
13	PROG JUMPER	PROG_JUMP1	HDR-TH_2P-P2.54-V	1	826629-2	TE Connectivity	LCSC	C86471	\$0.209086	
14	1K Resistor	R1	1KOHM RESISTOR	1						
15	10K Resistor	R3	1KOHM RESISTOR	1						
16	2K Resistor	R2	1KOHM RESISTOR	1						
17	AMS1117 3.3V	U4	AMS1117 3.3V	1	AMS1117-3.3	AMS	LCSC	C6186	\$0.099528	Yes
18	BMP180	U2	PIN_STRIP_4	1						
19	OLED 0.91" I2C	OLED	OLED 0.91 INCH I2C	1			LCSC	C44527	\$0.0323	
20	CR2032-BS-2-1	B1	BAT-TH_BS-2-1	1	BS-2-1	Q&J	LCSC	C70376	\$0.060935	
21	10uF	AS3_C4,AS3_C3	C0805	2	CL21A106KPFNNNG	Samsung Electro-Mechanics	LCSC	C307523	\$0.0232	Yes
22	DS3231SN#	U5	SOIC-16_L10.3-W7.5-P1.27-LS10.3-BL	1	DS3231SN	MAXIM	LCSC	C9866	\$2.134688	