

Sl.no	Reference	Value	Package	Link	Quantity
1	C1, C3, C8, C10	10uF	Capacitor_SMD:C_0603_1608Metric	~	4
2	C2, C4, C5, C7, C9, C13	0.1uF	Capacitor_SMD:C_0603_1608Metric	~	6
3	C6	1nF	Capacitor_SMD:C_0603_1608Metric	~	1
4	C11, C12	1uF	Capacitor_SMD:C_0603_1608Metric	~	2
5	C14	100uF	Capacitor_SMD:CP_Elec_6.3x5.4	~	1
6	D1	SS14	Diode_SMD:D_SMA	~	1
7	J1	Conn_JST_PH	Connector_JST:JST_PH_B4B-PH-K_1x04_P2.00mm_Vertical	~	1
8	J2, J10, J11, J15	Conn_JST_PH	Connector_JST:JST_EH_B2B-EH-A_1x02_P2.50mm_Vertical	~	4
9	J3	Conn_01x5_Female_2.54mm	Connector_PinHeader_2.54mm:PinHeader_1x05_P2.54mm_Vertical	~	1
10	J6	Conn_JST_PH	Connector_JST:JST_PH_B5B-PH-K_1x05_P2.00mm_Vertical	~	1
11	J9	Conn_01x06_Female_2.54mm	Connector_PinHeader_2.54mm:PinHeader_1x06_P2.54mm_Vertical	~	1
12	J4, J5, J12-J14	LED_Conn_2.54mm	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical	~	5
13	JP1	SolderJumper_2_Bridged	Jumper:SolderJumper-2_P1.3mm_Bridged2Bar_Pad1.0x1.5mm	~	1
14	JP2	SolderJumper_2_Open	Jumper:SolderJumper-2_P1.3mm_Open_Pad1.0x1.5mm	~	1
15	L1	47uH	Inductor_SMD:L_Taiyo-Yuden_MD-5050	~	1
16	Q1	S8550	single_scale:SOT-23_modified	<a href="http://www.digikey.com.tw/data">www.digikey.com.tw/data</a>	1
17	R3, R16, R19	20k	Resistor_SMD:R_0603_1608Metric	~	3
18	R4	8.2k	Resistor_SMD:R_0603_1608Metric	~	1
19	R5, R6, R10	100R	Resistor_SMD:R_0603_1608Metric	~	3
20	R7, R15, R18	10k	Resistor_SMD:R_0603_1608Metric	~	3
21	R8	1.2k	Resistor_SMD:R_0603_1608Metric	~	1
22	R1, R2, R9, R11-R14, R17, R20	1k	Resistor_SMD:R_0603_1608Metric	~	9
23	U1	TP4056IC	single_scale:SOP-8		1
24	U2	HX711IC	Package_SO:SOP-16_4.55x10.3mm_P1.27mm		1
25	U3	FS8205A	Package_SO:TSSOP-8_4.4x3mm_P0.65mm		1
26	U4	DW01A	Package_TO_SOT_SMD:SOT-23-6		1
27	U5	ESP-WROOM-32	single_scale:MODULE_ESP32-WROOM-32		1
28	U6	AP2112-3.3_LDO	Package_TO_SOT_SMD:SOT-23-5		1
29	U7	BL8530	Package_TO_SOT_SMD:SOT-89-3		1