

No.	Part No.	Quantity	Remark
1	CAP_0402_0.1uF_10P_16V	16	C1 C4 C5 C7 C9 C12 C14 C15 C16 C17 C18 C19 C21 C24 C25 C30
2	CAP_E 100uF 16V RC5X7-2.5 20P	1	C2
3	CAP_0402_10uF_20P_6.3V	3	C11 C20 C23
4	DIODE_BAT54C_30V_0.2A_SOT-23	1	D1
5	CON_Red_DIP-8x2_P2.54	1	J2
6	RES_0402_1/16W_499R_1P	1	R14
7	RES_0402_1/16W_10K_1P	14	R2 R3 R4 R7 R8 R9 R11 R12 R13 R15 R16 R17 R19 R20
8	IC_ESP32-S2_QFN56	1	U7
9	XTAL_32.768K_12pF_20PPM_Radial- SMD	1	X1
10	XTAL_40M_12pF_10PPM_SMD-3225	1	X2
11	CAP_0402_18pF_5P_50V	4	C13 C22 C26 C29
12	CAP_0402_2.4pF_±0.25pF_50V	1	C27
13	CAP_0402_2.7pF_±0.25pF_50V	1	C28
14	RES_0402_1/16W_100R_1P	1	R18
15	IND_0402_2nH_±0.1nH_0.5A_70mR	2	L2 L3
16	FUSE_PTC_8V_2A_SMD1812	1	F1
17	CAP_0402_12pF_5P_50V	2	C6 C8
18	SW_KEY_SMD-4.5x4.5x5	1	K1
19	DIODE_LED-0603_RED	1	LED1
20	DIODE_LED-0603_GREEN	1	LED2
21	RES_0402_1/16W_68K_1P	1	R6
22	RES_0402_1/16W_0R_1P	1	R21
23	RES_0402_1/16W_1.5K_1P	1	R22
24	RES_0402_1/16W_3.6K_1P	3	R1 R10 R23
25	RES_0402_1/16W_6.8K_1P	1	R24
26	RES_0402_1/16W_12K_1P	1	R25
27	IC_XCA201A06BCR_DFN2×2-6L	1	U5
28	RES_0402_1/16W_100K_1P	1	R26
29	IC_MAX809S_SOT-23	1	U1
30	RES_0402_1/16W_316K_1P	1	R5
31	IC_BM8563ESA_SOP-8	1	U3
32	DIODE_1N4007_1KV_1A_SOD123	1	D2
33	BAT_CR1220_DIP	1	BAT1
34	CON_2P_P7.62_DIP_DSK_KF7.62	1	J1
35	IC_74HC245PW_TSSOP-20	2	U2 U4
36	IC_XM25QH64C_SOP-8	1	U6
37	IND_2520_2.2uH_2A_90mR	1	L1
38	SMT IC FM6353High brush	24	RU1-RU8 GU1- GU8 BU1-BU8
39	SMT IC TC4953 SMD SOP-8	8	U2-U9

40	SMT IC SMD SOP-16	1	U1
41	patch exclusion	32	RN1-RN32
42	patch exclusion $\Omega, \pm 1\%$ -S0603	8	RR1-RR8
43	patch exclusion $\Omega, \pm 1\%$ -S0603	8	RG1-RG8
44	patch exclusion $\Omega, \pm 1\%$ -S0603	8	RB1-RB8
45	104P SMD 0603	27	C3 C5-C30
46	PH2.54 2*8P SMD	2	HUB75
47	220UF/10V SMD	4	C35-C38
48	P3.96 ,4Ppower seat	1	J3