

No.	Quantity	Comment	Designator	Footprint	Manufacturer Part	Supplier Part	Supplier
1	1	10uF	C1	C1206	CL31B106KBHNNNE	C89632	LCSC
2	5	100nF	C2,C4,C7,C8,C14	C0805	TCC0805X7R104K500DT	C282732	LCSC
3	1	47uF	C3	C1210	GRM32ER71A476KE15L	C84494	LCSC
4	1	10nF	C5	C0805	TCC0805X7R103K500DT	C282728	LCSC
5	1	1nF	C6	C0805	TCC0805X7R102M500DT	C713510	LCSC
6	1	1uF	C9	C0805	CL21B105KBFNNNE	C28323	LCSC
7	2	100nF	C10,C12	C0402	TCC0402X7R104K160AT	C392963	LCSC
8	2	10uF	C11,C13	C0805	CL21A106KPFNNNE	C17024	LCSC
9	1	AFC12-S08CCC-00	CN1	CONN-SMD_8P-P1.25-V-M_AFC12-S08CCC-0	AFC12-S08CCC-00	C395349	LCSC
10	1	JST1mm	CN2	CONN-SMD-6P-P1.00_BM06B-SRSS-TB-LF-SM	JST1mm	C160392	LCSC
11	1	SS54	D1	SMA_L4.4-W2.8-LS5.4-R-RD	SS54	C513478	LCSC
12	1	01550900M	F1	FUSE-SMD_L9.8-W5.0	01550900M	C108518	LCSC
13	1	BSMD1812-110-33V	F2	F1812	BSMD1812-110-33V	C883150	LCSC
14	1	ASMD0805-075	F3	F0805	ASMD0805-075	C135330	LCSC
15	1	OUTG	GNDOUT1	CONN-TH_6P-P5.08_DB2ER-5.08-6P-BK	OUTG	C430467	LCSC
16	1	HDR2.54-LI-2x4P	H1	HDR-TH_4P-P2.54-V-M	HDR2.54-LI-2x4P	C9900020145	LCSC
17	1	ALS-PT19-315C/L177/TR8	LDR1	SENSORS-SMD_ALS-PT19	ALS-PT19-315C/L177/TR8	C146233	LCSC
18	1	Power LED	LED1	LED0805-R-RD	NCD0805O1	C84262	LCSC
19	1	3.3 LED	LED2	LED0805-R-RD	NCD0805O1	C84262	LCSC
20	1	Fuse LED	LED3	LED0805-R-RD	NCD0805O1	C84262	LCSC
21	6	TDM3452	Q1,Q2,Q3,Q4,Q5,Q6	DFN-8_L5.7-W5.1-P1.27-LS6.1-BL-2	TDM3452	C380223	LCSC
22	1	23.7K	R1	R0805	23.7K	C17564	LCSC
23	2	3kΩ	R2,R3	R0805	0805W8F3001T5E	C17661	LCSC
24	3	4.7kΩ	R4,R5,R6	R0805	0805W8F4701T5E	C17673	LCSC
25	2	10kΩ	R7,R10	R0805	0805W8F1002T5E	C17414	LCSC
26	2	10Ω	R8,R9	R0805_NEW	0805W8F100JT5E	C17415	LCSC
27	1	Boot	SW1	SW-SMD_L6.0-W3.5-LS8.0	Boot	C2888456	LCSC
28	1	Touch 1	TOUCH1	CONN-TH_3P-P1.25_CAX_1.25-3A	Touch 1	C722597	LCSC
29	1	Touch 2	TOUCH2	CONN-TH_3P-P1.25_CAX_1.25-3A	Touch 2	C722597	LCSC
30	1	Touch 3	TOUCH3	CONN-TH_3P-P1.25_CAX_1.25-3A	Touch 3	C722597	LCSC
31	1	INA226AIDGSR	U1	MSOP-10_L3.0-W3.0-P0.50-LS5.0-BL-d1a	INA226AIDGSR	C49851	LCSC
32	1	ESP32-WROOM-32E-N8	U2	WIFI-SMD_ESP32-WROOM-32E	ESP32-WROOM-32E-N8	C701342	LCSC
33	1	K7805MT-1000R4	U3	PWRM-SMD_K78XXMT-1000R4	K7805MT-1000R4	C2692189	LCSC
34	1	MCP9700AT-E/TT	U4	SOT-23-3_L2.9-W1.3-P1.90-LS2.4-BR	MCP9700AT-E/TT	C127949	LCSC
35	1	SN74HCT244NSR	U5	SOIC-20_L13.3-W5.5-P1.27-LS7.8-BL	SN74HCT244NSR	C6777	LCSC
36	1	ME6217C33P5G	U6	SOT-89-5_L4.5-W2.5-P1.50-LS4.5-BR	ME6217C33P5G	C81592	LCSC
37	1	SHT40-AD1B-R2	U7	DFN-4_L1.5-W1.5-P0.8-TL-EP-d1s	SHT40-AD1B-R2	C2909890	LCSC
38	1	DS18B20	U8	TO-92-3_L4.9-W3.7-P1.27-L	DS18B20	C376006	LCSC
39	1	LINE IN	VIN1	CONN-TH_2P-P5.08_XY2500R-D5.08-2P	XY2500R-D-5.08-2P	C505824	LCSC
40	1	OUT	VINOUT1	CONN-TH_4P-P5.08_DB2ER-5.08-4P-OG	OUT	C430449	LCSC