

ID	Name	Designator
1	1. 25T-6P-WT	CN2
2	MT6816CT-AKD	U4
3	1u/50V	C1, C3, C9, C10, C11, C7, C8
4	100n	C2, C5, C12
5	47u/10V	C4
6	X8821WR-06S-NOSN	CN1
7	4. 7uH	L2
8	LED-0603 B	LED2
9	22uF	MC3, MC4, MC5, MC6, MC7, MC8, MC1, MC2
10	SS54	MD1
11	OR10	MR1, MR2
12	OR	R1, R14, R10, R11
13	10k	R2, R3, R7, R5, R6
14	52. 3k	R4
15	1k	R8, R9, R12, R13, R15, R17, R18
16	390	R16, R19, R20
17	ESP32-PICO-D4	U1
18	EL3H7 (B) (TA)-G	U5
19	TLP2168 (TP, F)	U6
20	LED-0603 R	LED1
21	10k	RT1
22	JW5026	U2
23	XC6210B332MR	U3
24	AN9520-245	L1
25	A4950	MU1, MU2
26	TS-1088R-02026	SW1, SW2
27	4. 7u/50V	C6
28	SMBJ30CA	MD2

Footprint	Quantity	Manufacturer Part
CONN-SMD 6P-P1.25 1.25T-6P-WT	1	1.25T-6P-WT
SOP-8 L5.0-W4.0-P1.27-LS6.2-BL	1	MT6816CT-AKD
C0603 SMALL	7	CL10A105KB8NNNC
C0603 SMALL	3	CC0603KRX7R9BB104
C1206 SMALL	1	CL31A476MPHNNNE
CONN-TH 6P-P2.50 X8821WR-06S-N2SN	1	X8821WR-06S-NOSN
IND-SMD L2.5-W2.0	1	MPIH252010-4R7M-LF
LED0603 BLUE SMALL	1	19-217/BHC-ZL1M2RY/3T
C1210	8	
SMB L4.6-W3.6-LS5.3-R-RD	1	SS54
R1206	2	STE1206A1WOR100F
R0603 SMALL	4	0603WAFJ0000T5E
R0603 SMALL	5	0603WAF1002T5E
R0603 SMALL	1	0603WAF5232T5E
R0603 SMALL	7	0603WAF1001T5E
R0603 SMALL	3	0603WAF3900T5E
QFN-48 L7.0-W7.0-P0.50-BL-EP5.1	1	ESP32-PICO-D4
SOP-4 L4.4-W2.8-P1.27-LS7.0-TL	1	EL3H7 (B) (TA) -G
SO-8 L4.9-W3.9-P1.27-LS5.9-BL	1	TLP2168 (TP, F)
LED0603 VIOLET SMALL	1	19-217/R6C-AL1M2VY/3T
R0603 SMALL	1	NTCG164BH103JT1
SOT-23-6 L2.9-W1.6-P0.95-LS2.8-BR	1	JW5026
SOT-23-5 L3.0-W1.7-P0.95-LS2.8-BR	1	XC6210B332MR
ANT-SMD L9.5-W2.1	1	AN9520-245
HSOP-8 L5.0-W4.0-P1.27-LS6.2-TL-EP	2	A4950ELJTR-T
SW-SMD L3.9-W3.0-P4.45	2	TS-1088R-02026
C1206 SMALL	1	12065C475KAT4A
SMB L4.6-W3.6-LS5.3-BI	1	SMBJ15CA

Manufacturer	Supplier	Supplier Part	Price
HRO	LCSC	C97377	0.7664
Magn Tek	LCSC	C879561	24.11
SAMSUNG	LCSC	C15849	0.0366
YAGEO	LCSC	C14663	0.0164
SAMSUNG	LCSC	C96123	0.58
KKB Enterprise	LCSC	C388743	0.231
microgate	LCSC	C490449	0.2813
EVERLIGHT(台湾亿光)	LCSC	C72041	0.0982
	LCSC	C171750	0.8456
MDD	LCSC	C32513	0.6058
Walter Elec	LCSC	C388443	0.4853
UniOhm	LCSC	C15402	0.0059
UniOhm	LCSC	C25804	0.0066
UniOhm	LCSC	C23198	0.007
UniOhm	LCSC	C21190	0.0062
UniOhm	LCSC	C23151	0.0069
Espressif Systems	LCSC	C193707	19.87
EVERLIGHT	LCSC	C32565	0.4243
TOSHIBA	LCSC	C99480	6.37
EVERLIGHT(台湾亿光)	LCSC	C72044	0.0846
TDK	LCSC	C524451	0.4972
JoulWatt Tech	LCSC	C185109	1.1516
Torex Semicon	LCSC	C424705	1.643
Rainsun	LCSC	C99665	2.76
ALLEGRO	LCSC	C82404	67.23
XUNPU	LCSC	C455280	0.2886
AVX	LCSC	C141667	0.9989
Shenzhen Jinkaisheng Elec	LCSC	C362083	0.2429