NTHU_TEST_BOARD BOM

Item	Quantity	Reference	零件參數
1	1	C1	
2	1	C2	
3	1	C3	
4	1	C4	
5	1	C5	
6	1	C6	
7	1	C7	
8	1	C8	
9	1	C9	
10	1	C10	
11	1	C11	
12	1	C12	47uF
13	2	C13,C18	22uF
14	4	C14,C15,C22,C25	0.1uF
15	4	C16,C17,C23,C28	10uF
16	4	C19,C20,C27,C29	1uF
17	1	C21	2.2pF
18	1	C24	1000pF
19	1	C26	100uF
20	2	DPS1,DPS2	LED
21	4	D1,D2,D3,D4	155124BS73200
22	1	D5	VEMD5060X01
23	8	FD1,FD2,FD3,FD4,FD5,FD6,FD7,FD8	FD_040(SMT用光學點)
24	4	H1,H2,H3,H4	CON(銅柱孔)
25	1	J1	Battery_Case
26	1	J2	USB TYPE C FEMALE
27	1	J3	CON4(4pin排針)

Item	Quantity	Reference	零件參數
28	1	L1	
29	4	Q1,Q2,Q3,Q4	AO3400A
30	1	R1	
31	1	R2	
32	1	R3	
33	1	R4	
34	1	R5	
35	1	R6	
36	1	R7	
37	1	R8	
38	1	R9	
39	1	R10	
40	1	R11	
41	1	R12	
42	1	R13	
43	1	R14	
44	3	R15,R28,R35	10k
45	7	R16,R21,R24,R29,R30,R31,R36	100R
46	4	R17,R22,R25,R32	220R
47	4	R20,R23,R26,R33	100k
48	1	R27	100M
49	1	R34	0.1R
50	2	R37,R38	47R
51	1	SW1	SW1
52	2	SW2,SW3	Tactile_Switch
53	1	U1	TPS61023
54	1	U2	BQ24074
55	1	U3	
56	1	U4	ESP32-WROOM-32E

Item	Quantity	Reference	零件參數
57	1	U5	EC50117KBG
58	1	U6	LP5907MFX-3.3/NOPB
59	1	U7	LTC6655BHMS8-2.5#PBF
60	1	U8	LMP7721
61	1	U9	ADS8866IDGS