

Bill of Materials PCB Tubes Board NCT318 v1.0

#	Designator	Quantity	Comment	Footprint	
1	NX1, NX2, NX3, NX4, NX5, NX6	6	IN-18	NIXIE Tubes	NOT Include
2.1	DS2, DS3	2	IN-3	Variant 1- -Without Column-	Default
2.2	DS1, DS2, DS3, DS4	4	NE-2H/C2A	Variant 2 -With Column	Options
		2	Column 10x65mm	-DS2, DS4 solder legs-	Options
		2	Column Holder	at full length	Options
		8	Screw	DS1, DS3 solder below-	Options
		8	Nut M2,5	DS2, DS4	Options
2	Hex pillar M3x8mm IN-OUT	4			
3	Hex pillar M3x20mm IN-IN	4			
4	Hex pillar M3x30mm IN-IN	4			
5	Screw M3x6mm L=6mm	8			
6	MAIN1	1	PLD-18	PLD-18	
8	not marked on PCB	84	Socket pins	Socket for IN-18- Install to NX1-NX6	
9	not marked on PCB	2	PLCC-44	Socket for HV5122JP Install to U2, U3	
10	D1, D2, D3, D4, D5, D6, D7, D8	8	LED RGB 3528	LED RGB 3528	
11	U2, U3	2	HV5122JP	PLCC-44	
12	U1	1	CD4504BM	SOIC-16	
13	C1, C2, C3, C4	4	100nF 50V	0805	
14	R11-R18, R27-34	16	100 Ohm	0805	
15	R19-R26	8	150 Ohm	0805	
16	R5-R10	6	10k	1210	
17	R1-R4	4	150k	0805	
18	PCB TUBES NCT318 v1.0	1			