

CubuSynth – Quad VCLFO Shopping List – PCB V1.2 Dec2022
 (SMD pre-soldered)



Quantity	Name	Description	Footprint
Capacitors			
4	4.7uf (0.1-10u*)	You can choose capacitor value by liking*	CAP-D5.0×F2.0

Controls			
4	B100K	RV4,RV3,RV2,RV1	9MM POT
4	B100K	RT4,RT3,RT2,RT1	TALL TRIMMER
9	PJ-301M	J9,J8,J7,J6,J5,J4,J3,J2,J1	PJ-301M

LEDs			
4	LED Green		LED_3mm
4	LED Black		LED_3mm

Pin Header / Screws / cable			
1	EURORACK10	Power Connector 10pin IDC	2x5pin 2.54mm IDC
4	M3 Screw Black Nylon	M3 Nylon screw 6mm	
1	16-10pin Power cable		

PCBs			
1	10HP_PCB	SMD pre-soldered	PCB_10HP
1	10HP_Panel		Panel_10HP

*LFO speed for Capacitor Values:

cap. Value	seconds	frequency (hz)
10uf:	140~5 sec	0.007~0.2 hz
4.7uf:	70~2.5 sec	0.014~0.4 hz
1uf:	14~0.5 sec	0.07~2 hz
0.1uf:	0.5~0.014 sec	2~70 hz

- LFO 1 – capacitor C12
- LFO 2 – capacitor C13
- LFO 3 – capacitor C14
- LFO 4 – capacitor C15