

CubuSynth – EXHAUST BOM - Main PCB V1.1 Jul 2022



Quantity	Name	Description	Footprint
Resistors			
1	1k	R135,R176,R221,R232	R_AXIAL-0.3
1	4k7	R138,R235	R_AXIAL-0.3
6	10k	R137,R141,R143,R144,R153,R229,R230	R_AXIAL-0.3
2	20k	R167,R231	R_AXIAL-0.3
7	100k	R147,R154,R155,R177,R217,R218,R219,R220, R222,R223,R224,R225,R226,R233	R_AXIAL-0.3
1	470k	R136	R_AXIAL-0.3
Capacitors			
3	1n	C28,C29,C30	RAD-0.1
5	100n	C12,C14,C16,C19,C25,C31	RAD-0.1
Transistors / Diodes			
1	2N3904	Q18	TO-92-3_L5.1-W4.1-P1.27-L
2	1N4148	D8,D9	DO-35_BD2.0-L4.2-P8.20-D0.5-RD
Controls			
1	SPDT MINI TOGGLE	SUBOSC	MINI SPDT
ICs			
3	IC Socket 14Pin		DIP-14
1	CD4013	U14	DIP-14
2	TL074	U17,U18	DIP-14
Pin Headers			
1	HDR-M-2.54_2X5	H4	HDR-M-2.54_2X5
2	HDR-F-2.54_1x8	H7,H8	HDR-F-2.54_1X8
PCBs			
1	Exhaust PCB	1	EURORACK_PCB 8HP

CubuSynth – EXHAUST BOM – Control PCB V1.1 Jul 2022

Quantity	Name	Description	Footprint
Resistors			
3	1k	R135,R176,R221,R232	R_AXIAL-0.3
1	4k7	R138,R235	R_AXIAL-0.3
2	47k	R227,R228	R_AXIAL-0.3
7	100k	R147,R154,R155,R177,R217,R218,R219,R220, R222,R223,R224,R225,R226,R233	R_AXIAL-0.3
Transistors / Diodes			
1	LED-TH-3mm_W	LED13	LED-TH_BD3.0_White
Controls			
7	B100K	AM,EXT,REF,SEL1,SEL2,SUB/2,SUB/4	ALPHA 9MM VERTICAL POT
5	PJ-301M	J36,J37,J38,J39,J42	PJ-301M
7	Knobs (Knurled Shaft)		
Pin Headers			
2	HDR-M-2.54_1x8	J40,J41	HDR-M-2.54_1X8
PCBs			
1	Exhaust Front Panel	3	EURORACK_Panel 8HP
1	Exhaust PCB	2	EURORACK_PCB 8HP