

PERFORMANCE FILTER 1.0 BOM

Designator	Package	Quantity	Designation	LINKS
C1,C6,C16	Ceramic Capacitor	3	1nf	https://www.rapidonline.com/suntan-ts170r2a102ksbba0r-1000pf-10-100v-x7r-2
C4,C5	Electrolytic Capacitor	2	10uf	https://www.rapidonline.com/forever-10uf-20-35v-105-c-p-2mm-radial-electroly
C8	Ceramic Capacitor	1	4n7	https://www.rapidonline.com/suntan-ts170r2a472ksbba0r-4700pf-10-100v-x7r-2
C9	Ceramic Capacitor	1	470nf	https://www.rapidonline.com/suntan-ts170r1h474msbfa0r-0-47uf-20-50v-y5v-2
CUTOFF1	Alpha Pot	1	4K7 linear	https://www.thonk.co.uk/shop/alpha-9mm-pots/
CV1,CV2,INPUT1,INPUT2,INPUT3, RES	Alpha Pot	6	100K linear	https://www.thonk.co.uk/shop/alpha-9mm-pots/
D1	LED 5.0mm	1	LED	https://www.rapidonline.com/kingbright-l-53id-5mm-red-led-diffused-50mcd-55
D2	LED 5.0mm	1	LED	https://www.rapidonline.com/kingbright-l-53id-5mm-red-led-diffused-50mcd-55
D13,D14	DIODE 1N4004	2	1N4004	https://www.rapidonline.com/dc-components-1n4004-1a-400v-silicon-rectifier-c
HPF/LPF1	Miniature DPDT toggle switch	1	SW_DPDT_x2	https://www.rapidonline.com/salecom-t8011-sebq-h-dpdt-on-on-min-toggle-sw
J1,J2,J4,J5,J6,J7,J8	2 Pin Molex (or just solder directly)	7		
J3	EURORACK STYLE POWER CONNECTOR	1	POWER	https://www.rapidonline.com/truconnect-10-way-idc-straight-boxed-header-2-5
J1,J2,J3,J4,J5,J6,J7,J8	6.35mm Jack Sockets	7		https://www.rapidonline.com/truconnect-3-pole-box-style-jack-socket-20-1397
Q1,Q2	Transistor BC558	2	BC558	https://www.ebay.co.uk/itm/BC558B-PNP-Small-Signal-Silicon-Transistors-Pac
R1,R9,R10,R40,R41,R42,R43	Metal Film Resistor (or any it doesn't really matter)	7	100k	
R2,R44	Metal Film Resistor (or any it doesn't really matter)	2	1K8	
R3,R4	Metal Film Resistor (or any it doesn't really matter)	2	10R	
R8,R11,R24,R26	Metal Film Resistor (or any it doesn't really matter)	4	220R	
R14,R16,R25,R28,R30	Metal Film Resistor (or any it doesn't really matter)	5	10K	
R18	Metal Film Resistor (or any it doesn't really matter)	1	470K	
R5	Metal Film Resistor (or any it doesn't really matter)	1	4K7	
U5	TL074	1	TL074	
U6	LM13700	1	LM13700	
RV1	Preset Potentiometer	1	10K TRIMPOT	https://www.rapidonline.com/suntan-tsr-3296w-103r-10k-wr3296w-10-3-8-cern