

BOM
Ring
v1_0

Qty	Ref	Description	Value	Manufacturer	Part Num	Mouser	Package	Other	Other Part Num	Cost	Total Cost
4	D1, D2, D3, D4	Ring Diodes	1N4002	Diodes Incorporated	1N4002-T	621-1N4002-T	DO-41	Experiment With Diodes		\$ 0.19	\$ 0.76
2	D5, D6	Schottky Diodes & Rectifiers Vr/40V Io/1A T/R	1N5819	Diodes Incorporated	1N5819HW-7-F	621-1N5819HW-F	SOD-123			\$ 0.44	\$ 0.88
2	IC1, IC2	Op Amp	TL074	ST Microelectronics	TL074CDT	511-TL074CDT	SO-14			\$ 0.43	\$ 0.86
16	R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20	Resistor 1%	100k	Vishay	CRCW0603100KFKEAC	71-CRCW0603100KFKEAC	0603			\$ 0.10	\$ 1.60
1	R21	Resistor 5%	1k	Yageo	RC0603JR-071KL		0603			\$ 0.10	\$ 0.10
2	R1, R2	Resistor 5%	47k	KOA	RK73B1JTTD473J	660-RK73B1JTTD473J	0603			\$ 0.10	\$ 0.20
4	C3, C4, C5, C6	Capacitor	100n	TDK	CGA3E2X7R1E104K080AA	810-CGA3E2X7R1E104K	0603			\$ 0.10	\$ 0.40
2	C1, C2	Electrolytic Capacitor (Panasonic B)	10u	Panasonic	EEE-1VA100WR	667-EEE-1VA100WR	S-V			\$ 0.34	\$ 0.68
2	R3, R4	9mm Vertical Alpha Pot	100kB					Thonk	B100k	\$ 1.78	\$ 3.56
3	J1, J2, J3	Thonkiconn Jack (Don't forget nuts)	PJ398SM					Thonk		\$ 0.50	\$ 1.50
1	JP1	5x2 2.54 Eurorack Header (No Shroud)	M05X2PTH	Harwin	M20-9760546	855-M20-9760546	M20			\$ 0.36	\$ 0.36
1	PCB	Printed Circuit Board								\$ 1.00	\$ 1.00
1	Panel	Front Panel								\$ 1.00	\$ 1.00
Total										\$	12.90