

BOM for Vactrol Crossfader v1.1

Part	Quantity	Value	Device	Package	Description	PROD_ID
A_IN1, A_IN2	8	THONKICONN	THONKICONNNEW	WQP-PJ301M-12_JACK	3.5mm socket for Eurorack modular synths	
C3, C4	2	1.0uF	CAP0805	805	Capacitor	
C5, C6	2	100n	CAP0805	805	Capacitor	
C25, C30	2	47u	CPOL-USD	PANASONIC_D	POLARIZED CAPACITOR, American symbol	
D3, D4, D5	4	Diffused red, green, yellow or similar	LED3MM	LED3MM	LEDs	DIO-08794
D7, D8	2	1N5819HW	DIODE-SOD123	SOD123	DIODE	
JP2	1	EURO_POWER_HEADERFAT_PADS	EURO_POWER_HEADERFAT_PADS	EURO_PWR_HEADER_FAT	Power Header	
LDR1, LDR2	4	4PIN SINGLE VACTROL	VACTROL_4PIN	VACTROL_4PIN_VTL5C	4 Pin Vactrol Resistive Photocoupler	
R1, R9, R10	6	4.7k	RESISTOR1206	1206	Resistor	
R2, R3, R7	6	1k	RESISTOR1206	1206	Resistor	
R4, R5, R6	6	22k	RESISTOR1206	1206	Resistor	
R8, R20	2	15k	RESISTOR1206	1206	Resistor	
R11, R23	2	220	RESISTOR1206	1206	Resistor	
R12, R24	2	150	RESISTOR1206	1206	Resistor	
T1, T2, T3	4		MMBT3904LT1-NPN-SOT23-BEC	SOT23-BEC	NPN Transistror	
U1	1	TL072_SMD	TL072_SMD	SO08	Generic Dual Op Amp	
VR1, VR4	2	20k trimmer	BOURNS_3362P_TRIMMERP	BOURNS_3362P_TRIMMER	3362 Series	