

Karltron VCA (v2.0.2) 20230228

Step	Qty	Reference(s)	Value	LibPart	Footprint
1	1	J9	Conn_02x05_C	Shrouded Power Header	A-2939
2	2	TRIM1, TRIM2	B100K	Pot_Bourns_3296W_Vertical	
3	8	J1, J2, J3, J4, J5, J6, J7, J8	JACK_2P	europi:Thonkiconn	PJ-3001F
4	2	RV1, RV2	B100K	Pot_Alpha_RD901F-40-00D	A-5623
5	2	SW1, SW2	SW_SPDT	Mini Toggle ON-ON	A-4567
pre-assembled	1	U1	TL074		
pre-assembled	14	R1, R2, R4, R7, R10, R11, R14, R15, R23, R24, R29, R30, R32, R35	100K		
pre-assembled	1	U2	LM13700		
pre-assembled	2	R27, R28	1M		
pre-assembled	5	R3, R6, R8, R9, R12	2K2		
pre-assembled	6	R13, R18, R19, R20, R21, R22	22K		
pre-assembled	2	R16, R17	33K		
pre-assembled	2	R33, R34	4K7		
pre-assembled	4	R25, R38, R41, R42	470K		
pre-assembled	3	R5, R31, R36	470R		
pre-assembled	2	R26, R39	47K		
pre-assembled	4	C1, C2, C3, C8	4u7		
pre-assembled	2	Q3, Q4	MMBT3906		
pre-assembled	2	D1, D2	1N5819WS		
pre-assembled	2	Q1, Q2	MMBT3904		
pre-assembled	2	R37, R40	560R		
pre-assembled	4	C4, C5, C6, C7	100n		

- 1 power cable
- 2 knobs
- 2 screws

Calibration: the trimmers offset the CV input, so you can set it to mute with no input CV