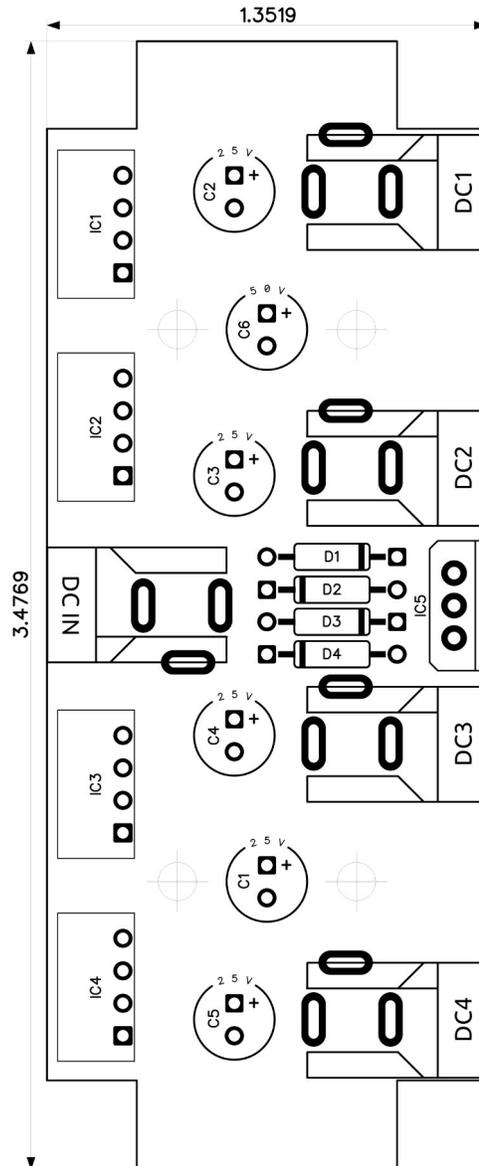


# PedalPCB

## 4-Tap DC Isolator

Revised 2/5/24



### CONNECTIONS

- DC Input (6.5VDC - 30VDC, 7 - 24VAC)
- Isolated DC Output 1 (+9VDC output, center negative)
- Isolated DC Output 2 (+9VDC output, center negative)
- Isolated DC Output 3 (+9VDC output, center negative)
- Isolated DC Output 4 (+9VDC output, center negative)

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LOCATION	VALUE	TYPE	NOTES
C1	100u	Electrolytic capacitor, 6.35mm	 50VDC Minimum
C2	100u	Electrolytic capacitor, 6.35mm	
C3	100u	Electrolytic capacitor, 6.35mm	
C4	100u	Electrolytic capacitor, 6.35mm	
C5	100u	Electrolytic capacitor, 6.35mm	
C6	100u	Electrolytic capacitor, 6.35mm	 50VDC Minimum
D1	1N5819	Schottky diode, DO-41	
D2	1N5819	Schottky diode, DO-41	
D3	1N5819	Schottky diode, DO-41	
D4	1N5819	Schottky diode, DO-41	
IC1	IEB0105S09	Isolated DC/DC Converter	<a href="#">(Link)</a>
IC2	IEB0105S09	Isolated DC/DC Converter	
IC3	IEB0105S09	Isolated DC/DC Converter	
IC4	IEB0105S09	Isolated DC/DC Converter	
IC5	L7805CV	+5V Linear Voltage Regulator	
DC1	DC JACK	2.1mm PCB Mount DC Jack	<a href="#">(Link)</a>
DC2	DC JACK	2.1mm PCB Mount DC Jack	
DC3	DC JACK	2.1mm PCB Mount DC Jack	
DC4	DC JACK	2.1mm PCB Mount DC Jack	
DC_IN	DC JACK	2.1mm PCB Mount DC Jack	



Mounting hardware not listed until drill template is complete