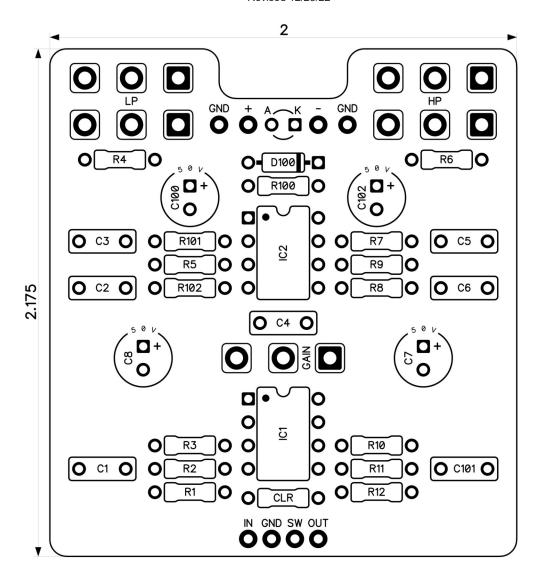


#### **Frequency Interchange**

Revised 12/23/22



#### **CONTROLS AND FEATURES**

- High-Pass Frequency
- Low-Pass Frequency
- Gain

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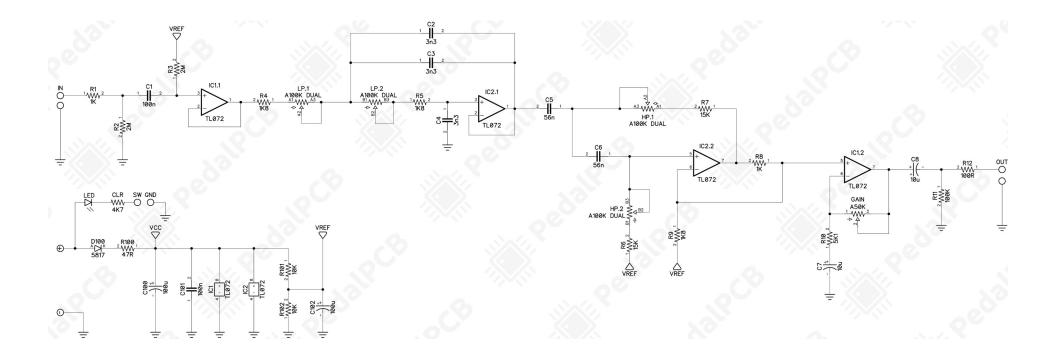


# PedalPCB Frequency Interchange Parts List (Page 1 of 1)

LOCATION	VALUE	TYPE	NOTES
R1	1K	Resistor, 1/4W	
R2	2M	Resistor, 1/4W	
R3	2M	Resistor, 1/4W	
R4	1K8	Resistor, 1/4W	
R5	1K8	Resistor, 1/4W	
R6	15K	Resistor, 1/4W	
R7	15K	Resistor, 1/4W	
R8	1K	Resistor, 1/4W	
R9	1K8	Resistor, 1/4W	
R10	5K1	Resistor, 1/4W	
R11	100K	Resistor, 1/4W	
R12	100R	Resistor, 1/4W	
R100	47R	Resistor, 1/4W	
R101	10K	Resistor, 1/4W	
R102	10K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
CLN	411/1	Resistor, 1/4VV	LED current inniting resistor
C1	100n	Film capacitor, 7.2 x 5.0mm	
C1 C2	3n3		
C2		Film capacitor, 7.2 x 5.0mm	
C3 C4 C5	3n3	Film capacitor, 7.2 x 5.0mm	
C5	3n3	Film capacitor, 7.2 x 5.0mm	
C5	56n	Film capacitor, 7.2 x 5.0mm	
C6 C7	56n	Film capacitor, 7.2 x 5.0mm	
C7	10u	Electrolytic capacitor, 5.0mm	
C8	10u	Electrolytic capacitor, 5.0mm	
C100	100u	Electrolytic capacitor, 6.3mm	
C101	100n	Film capacitor, 7.2 x 5.0mm	
C102	100u	Electrolytic capacitor, 6.3mm	
D.100	4115047		
D100	1N5817	Schottky diode, DO-41	
10.4	= = .	5.50	
IC1	TL072	Dual op-amp, DIP8	
IC2	TL072	Dual op-amp, DIP8	
HP	A100K DUAL	16mm right-angle PCB mount pot	* Dual-gang potentiometer
LP	A100K DUAL	16mm right-angle PCB mount pot	* Dual-gang potentiometer
GAIN	A50K	16mm right-angle PCB mount pot	

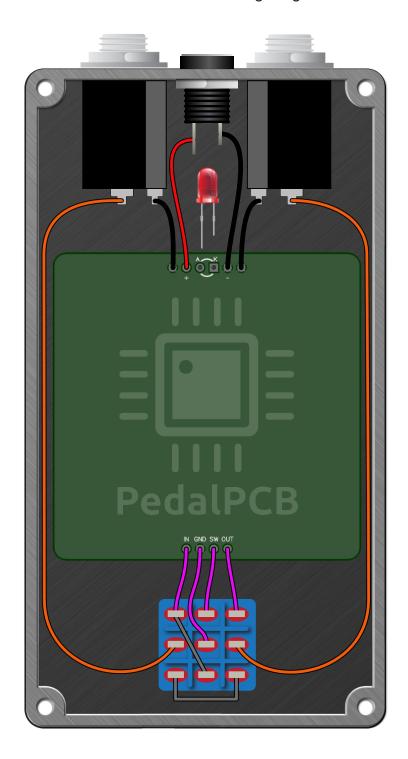


# PedalPCB Frequency Interchange Schematic Diagram





### PedalPCB Frequency Interchange Wiring Diagram



#### PedalPCB Frequency Interchange Drill Template

125B Enclosure

