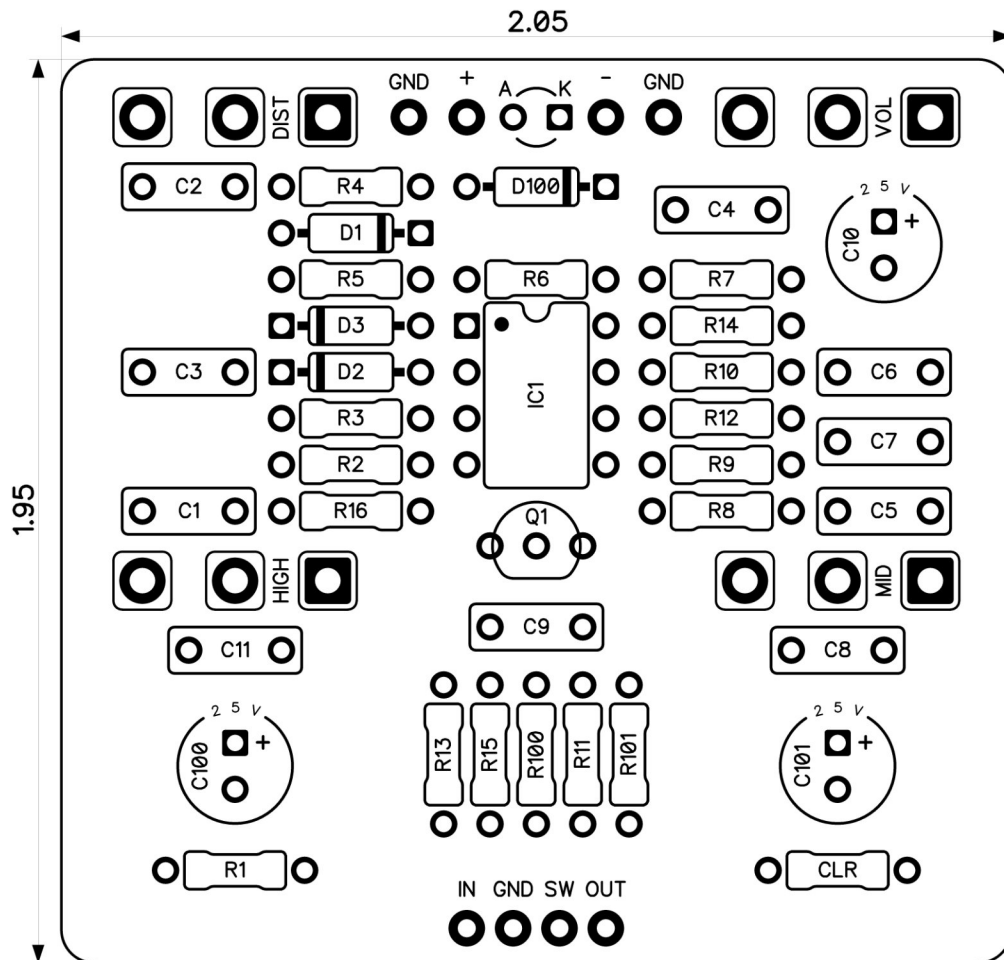


PedalPCB

Arcana Distortion

Revised 12/15/22



CONTROLS AND FEATURES

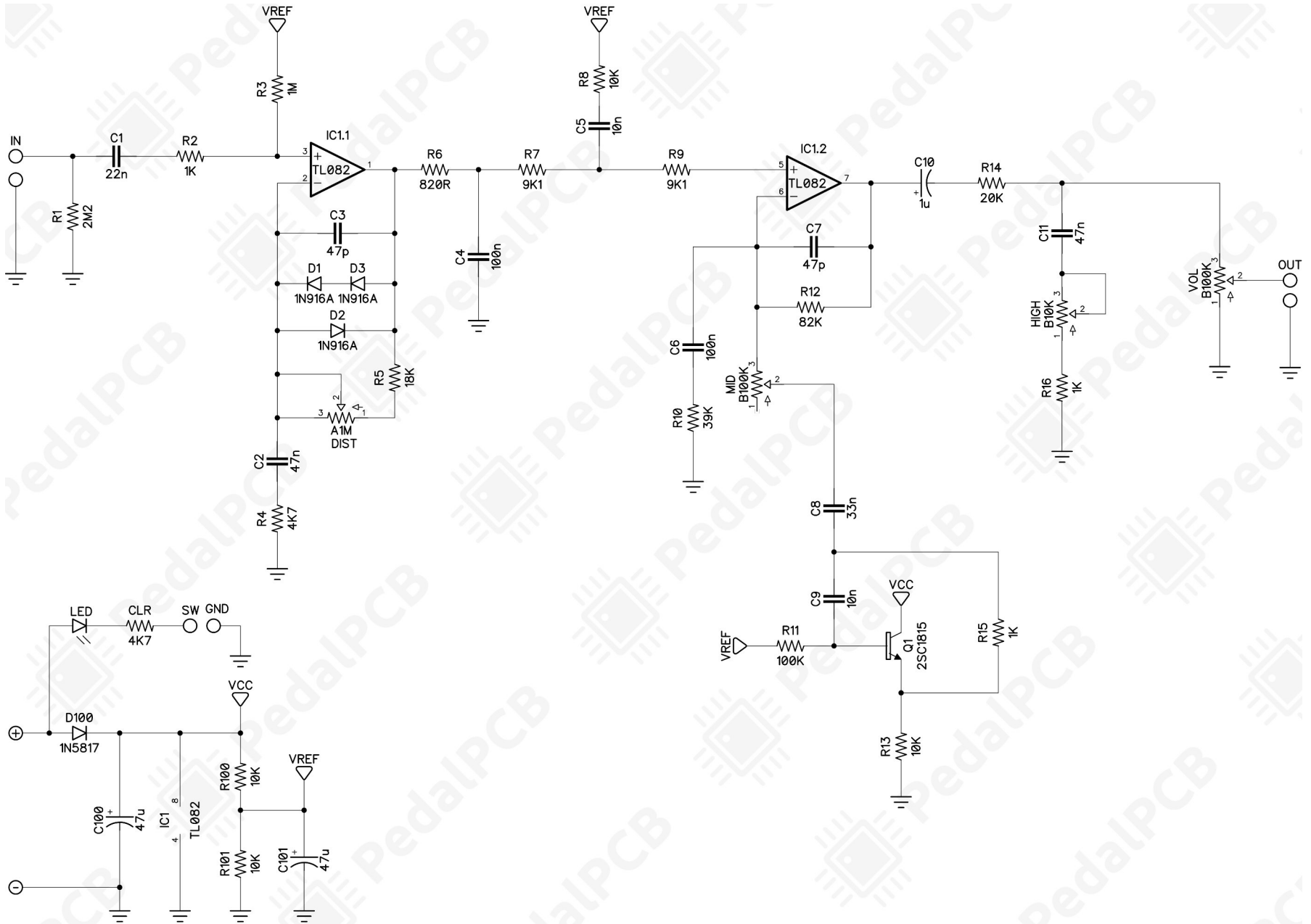
- Volume
- Distortion
- Mid
- High Cut

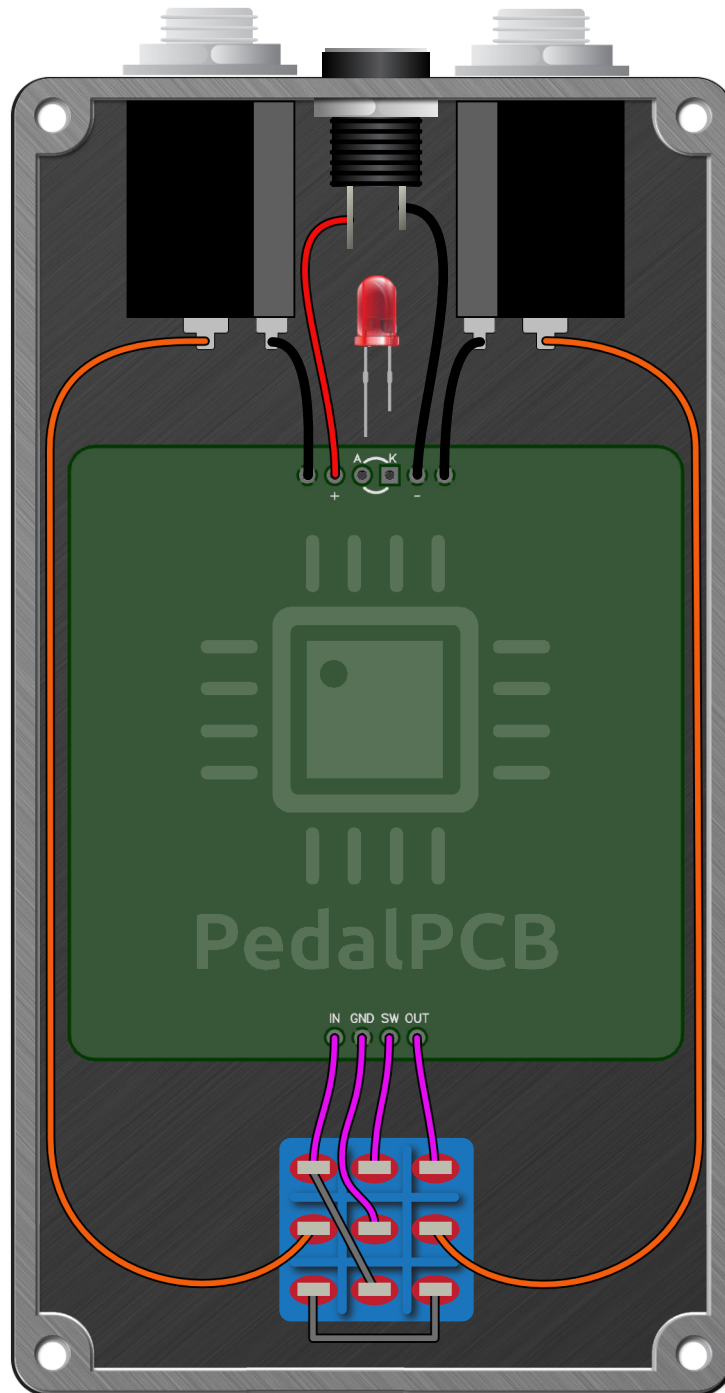
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LOCATION	VALUE	TYPE	NOTES
R1	2M2	Resistor, 1/4W	
R2	1K	Resistor, 1/4W	
R3	1M	Resistor, 1/4W	
R4	4K7	Resistor, 1/4W	
R5	18K	Resistor, 1/4W	
R6	820R	Resistor, 1/4W	
R7	9K1	Resistor, 1/4W	
R8	10K	Resistor, 1/4W	
R9	9K1	Resistor, 1/4W	
R10	39K	Resistor, 1/4W	
R11	100K	Resistor, 1/4W	
R12	82K	Resistor, 1/4W	
R13	10K	Resistor, 1/4W	
R14	20K	Resistor, 1/4W	
R15	1K	Resistor, 1/4W	
R16	1K	Resistor, 1/4W	
R100	10K	Resistor, 1/4W	
R101	10K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	22n	Film capacitor, 7.2 x 2.5mm	
C2	47n	Film capacitor, 7.2 x 2.5mm	
C3	47p	Ceramic disc capacitor	
C4	100n	Film capacitor, 7.2 x 2.5mm	
C5	10n	Film capacitor, 7.2 x 2.5mm	
C6	100n	Film capacitor, 7.2 x 2.5mm	
C7	47p	Ceramic disc capacitor	
C8	33n	Film capacitor, 7.2 x 2.5mm	
C9	10n	Film capacitor, 7.2 x 2.5mm	
C10	1u	Electrolytic capacitor, 5mm	
C11	47n	Film capacitor, 7.2 x 2.5mm	
C100	47u	Electrolytic capacitor, 6.3mm	
C101	47u	Electrolytic capacitor, 6.3mm	
D1	1N916A	Signal diode, DO-35	
D2	1N916A	Signal diode, DO-35	
D3	1N916A	Signal diode, DO-35	
D100	1N5817	Schottky diode, DO-41	
Q1	2SC1815	BJT transistor, NPN TO-92	
IC1	TL082	Dual op-amp, DIP8	
VOL	B100K	16mm right-angle PCB mount pot	
DIST	A1M	16mm right-angle PCB mount pot	
MID	B100K	16mm right-angle PCB mount pot	
HIGH	B10K	16mm right-angle PCB mount pot	

Arcana Distortion

Schematic Diagram





Arcana Distortion

Drill Template
125B Enclosure

