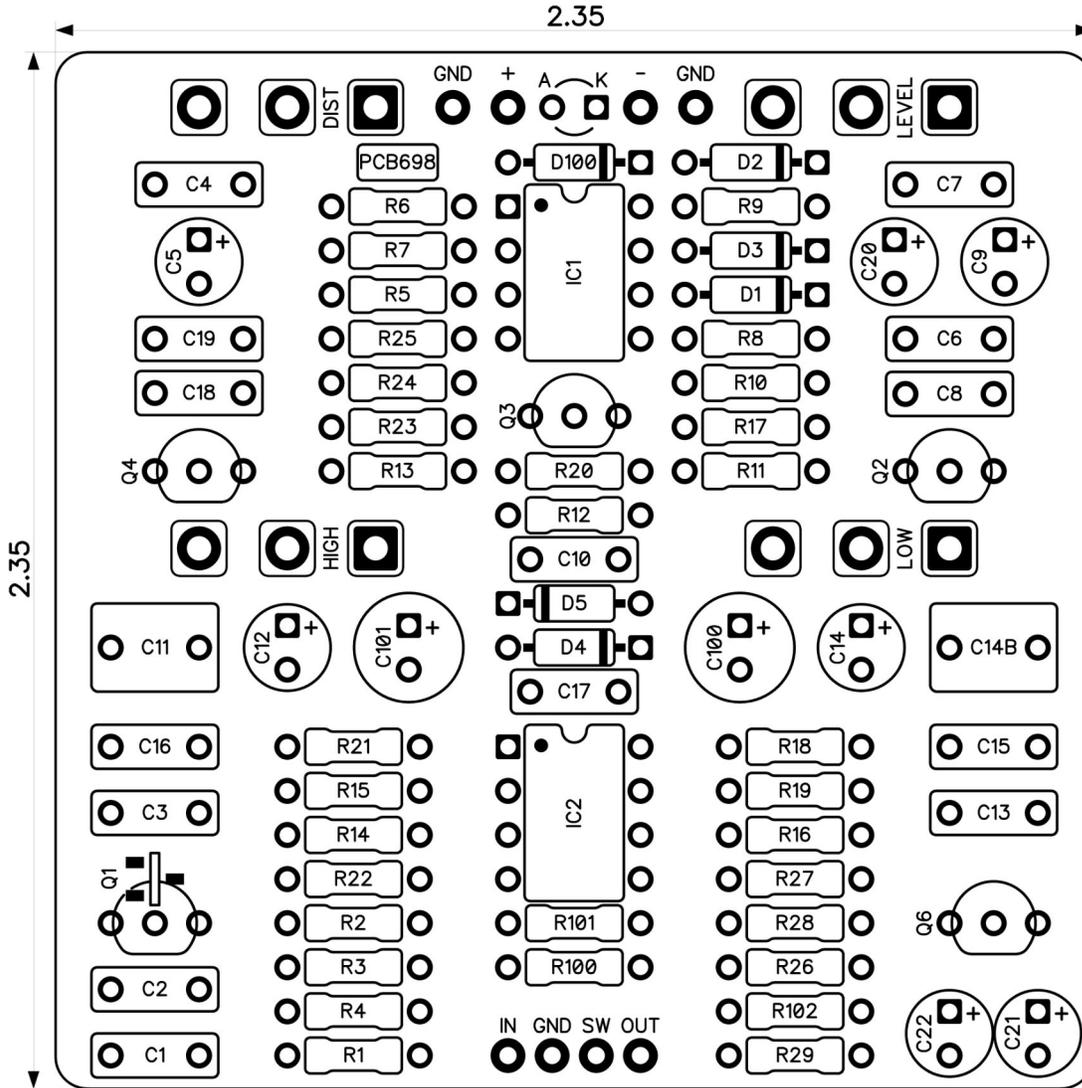


Samarium Distortion

Revised 7/10/25



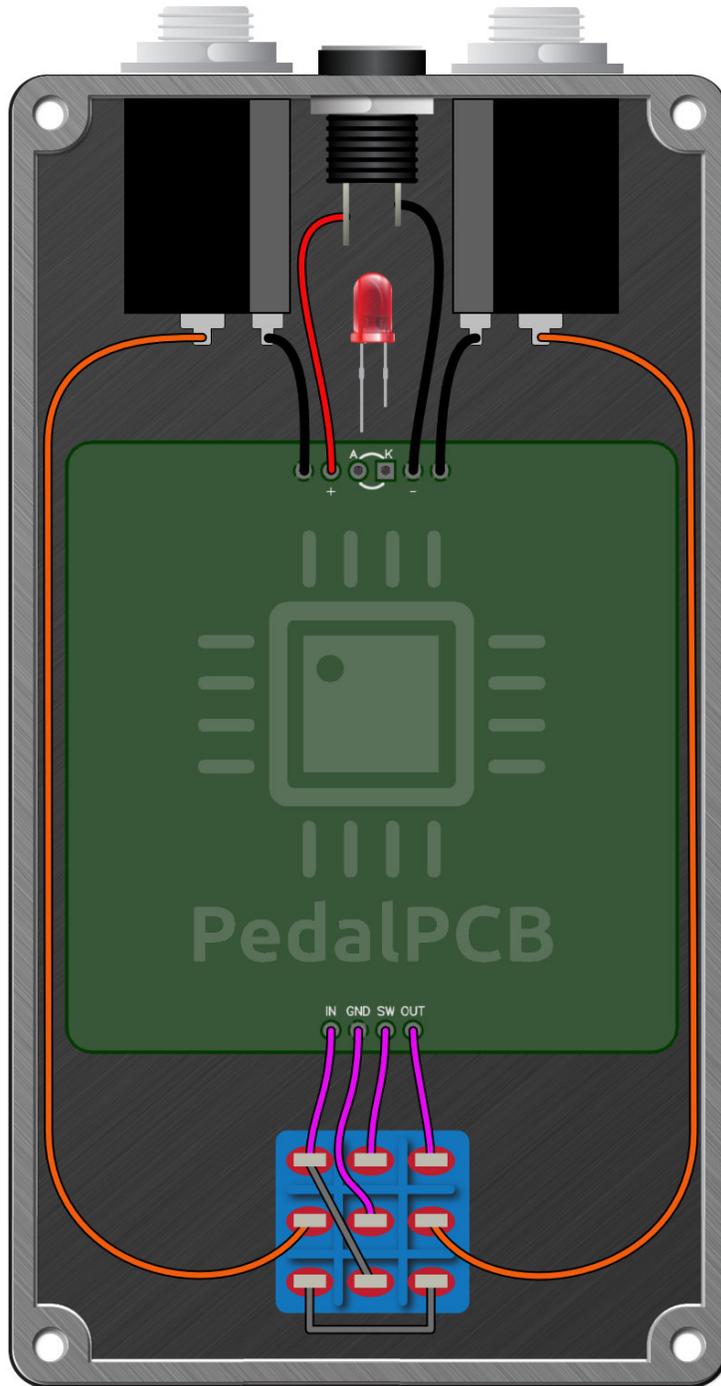
CONTROLS AND FEATURES

- Level
- Distortion
- Low
- High

LOCATION	VALUE	TYPE	NOTES
R1	10K	Resistor, 1/4W	
R2	1M	Resistor, 1/4W	
R3	10K	Resistor, 1/4W	
R4	4K7	Resistor, 1/4W	
R5	47K	Resistor, 1/4W	
R6	220R	Resistor, 1/4W	
R7	220R	Resistor, 1/4W	
R8	10K	Resistor, 1/4W	
R9	220K	Resistor, 1/4W	
R10	22K	Resistor, 1/4W	
R11	2K2	Resistor, 1/4W	
R12	10K	Resistor, 1/4W	
R13	5K6	Resistor, 1/4W	
R14	1M	Resistor, 1/4W	
R15	3K3	Resistor, 1/4W	
R16	3K3	Resistor, 1/4W	
R17	100K	Resistor, 1/4W	
R18	330R	Resistor, 1/4W	
R19	10K	Resistor, 1/4W	
R20	100K	Resistor, 1/4W	
R21	1K	Resistor, 1/4W	
R22	10K	Resistor, 1/4W	
R23	100K	Resistor, 1/4W	
R24	330R	Resistor, 1/4W	
R25	10K	Resistor, 1/4W	
R26	100K	Resistor, 1/4W	
R27	10K	Resistor, 1/4W	
R28	100K	Resistor, 1/4W	
R29	1K	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	* LED current limiting resistor
R101	10K	Resistor, 1/4W	
R102	10K	Resistor, 1/4W	
C1	47n	Film capacitor, 7.2 x 2.5mm	
C2	6n8	Film capacitor, 7.2 x 2.5mm	
C3	47n	Film capacitor, 7.2 x 2.5mm	
C4	47p	Ceramic capacitor	
C5	10u	Electrolytic capacitor, 5mm	
C6	10n	Film capacitor, 7.2 x 2.5mm	
C7	100p	Ceramic capacitor	
C8	47n	Film capacitor, 7.2 x 2.5mm	
C9	1u	Electrolytic capacitor, 5mm	
C10	10n	Film capacitor, 7.2 x 2.5mm	
C11	47n	Film capacitor, 7.2 x 2.5mm	
C12	1u	Electrolytic capacitor, 5mm	
C13	10n	Film capacitor, 7.2 x 2.5mm	
C14	1u	Electrolytic capacitor, 5mm	
C14B	470n	Film capacitor, 7.2 x 5.0mm	
C15	68n	Film capacitor, 7.2 x 2.5mm	
C16	39n	Film capacitor, 7.2 x 2.5mm	
C17	8n2	Film capacitor, 7.2 x 2.5mm	
C18	22n	Film capacitor, 7.2 x 2.5mm	
C19	1n2	Film capacitor, 7.2 x 2.5mm	
C20	10u	Electrolytic capacitor, 5mm	
C21	1u	Electrolytic capacitor, 5mm	
C22	10u	Electrolytic capacitor, 5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	100u	Electrolytic capacitor, 5mm	
		<i>Continued on next page...</i>	

Samarium Distortion

Wiring Diagram



Samarium Distortion

Drill Template
125B Enclosure

