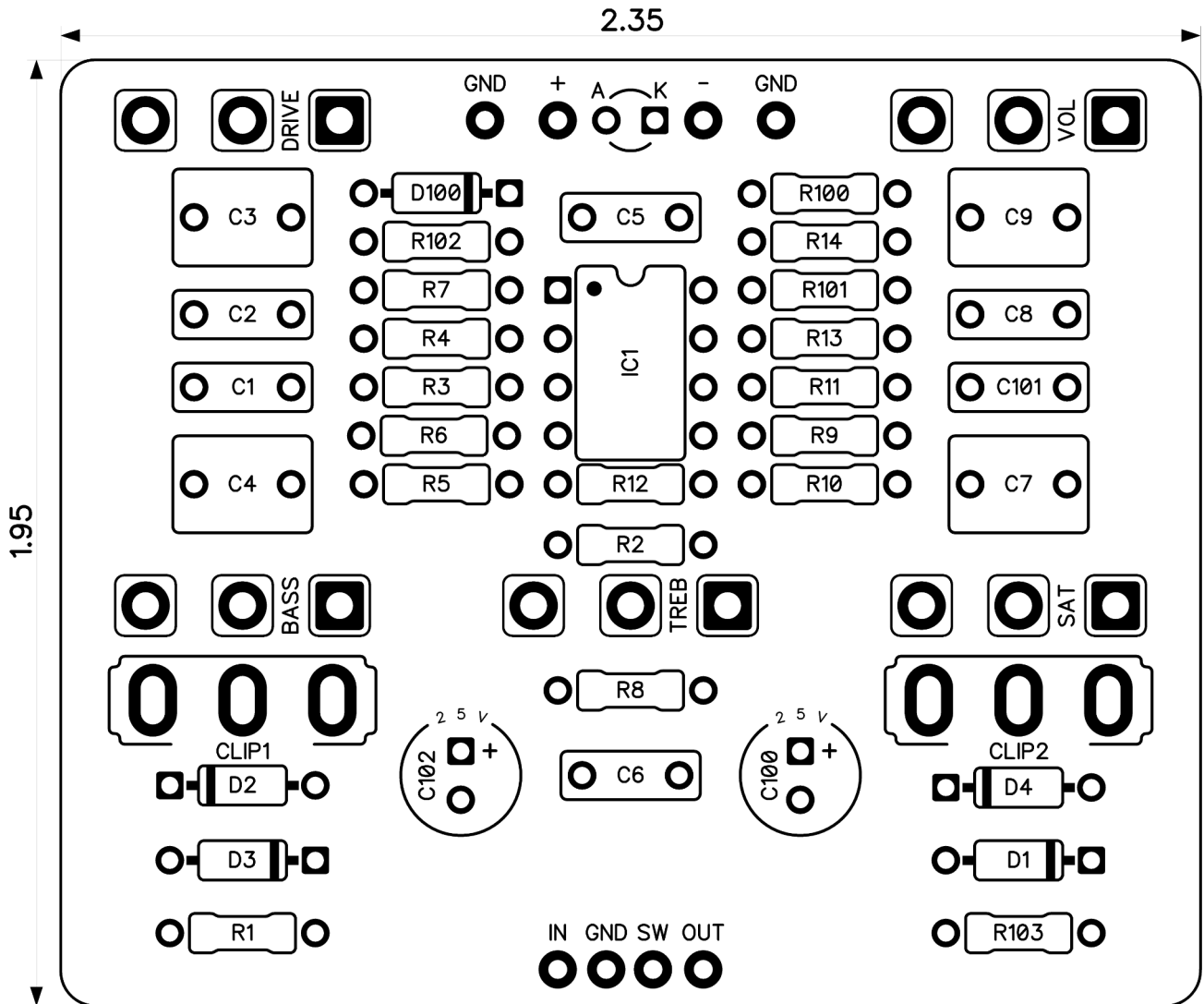


PedalPCB

Danae Overdrive

Revised 10/30/22



CONTROLS AND FEATURES

- Volume
- Drive
- Saturation
- Treble
- Bass
- Clip 1 / Clip 2 (Toggle switches)

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	1K	Resistor, 1/4W	
R3	1K	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	510K	Resistor, 1/4W	
R7	33K	Resistor, 1/4W	
R8	1K	Resistor, 1/4W	
R9	10K	Resistor, 1/4W	
R10	10K	Resistor, 1/4W	
R11	6K8	Resistor, 1/4W	
R12	4K7	Resistor, 1/4W	
R13	12K	Resistor, 1/4W	
R14	100R	Resistor, 1/4W	
R100	100R	Resistor, 1/4W	
R101	9K1	Resistor, 1/4W	
R102	7K5	Resistor, 1/4W	
R103	4K7	Resistor, 1/4W	<i>*LED current limiting resistor</i>
C1	27n	Film capacitor, 7.2 x 2.5mm	
C2	33n	Film capacitor, 7.2 x 2.5mm	
C3	22p	Ceramic disc capacitor	
C4	150n	Film capacitor, 7.2 x 5.0mm	
C5	51p	Ceramic disc capacitor	
C6	82n	Film capacitor, 7.2 x 2.5mm	
C7	1u	Film capacitor, 7.2 x 5.0mm	
C8	150p	Ceramic disc capacitor	
C9	1u	Film capacitor, 7.2 x 5.0mm	
C100	47u	Electrolytic capacitor, 5mm	
C101	100n	Film capacitor, 7.2 x 2.5mm	
C102	47u	Electrolytic capacitor, 5mm	
D1	1N4148	Signal diode, DO-35	
D2	1N4148	Signal diode, DO-35	
D3	1N4148	Signal diode, DO-35	
D4	1N4148	Signal diode, DO-35	
D100	1N5817	Schottky diode, DO-41	
IC1	OPA2134	Dual op-amp, DIP8	
CLIP1	ON/ON	Toggle switch, SPDT	2-position (ON/ON)
CLIP2	ON/ON	Toggle switch, SPDT	2-position (ON/ON)
VOL	B10K	16mm right-angle PCB mount pot	
DRIVE	A500K	16mm right-angle PCB mount pot	
BASS	B50K	16mm right-angle PCB mount pot	
TREB	B10K	16mm right-angle PCB mount pot	
SAT	B10K	16mm right-angle PCB mount pot	



Danae Overdrive

Schematic Diagram

