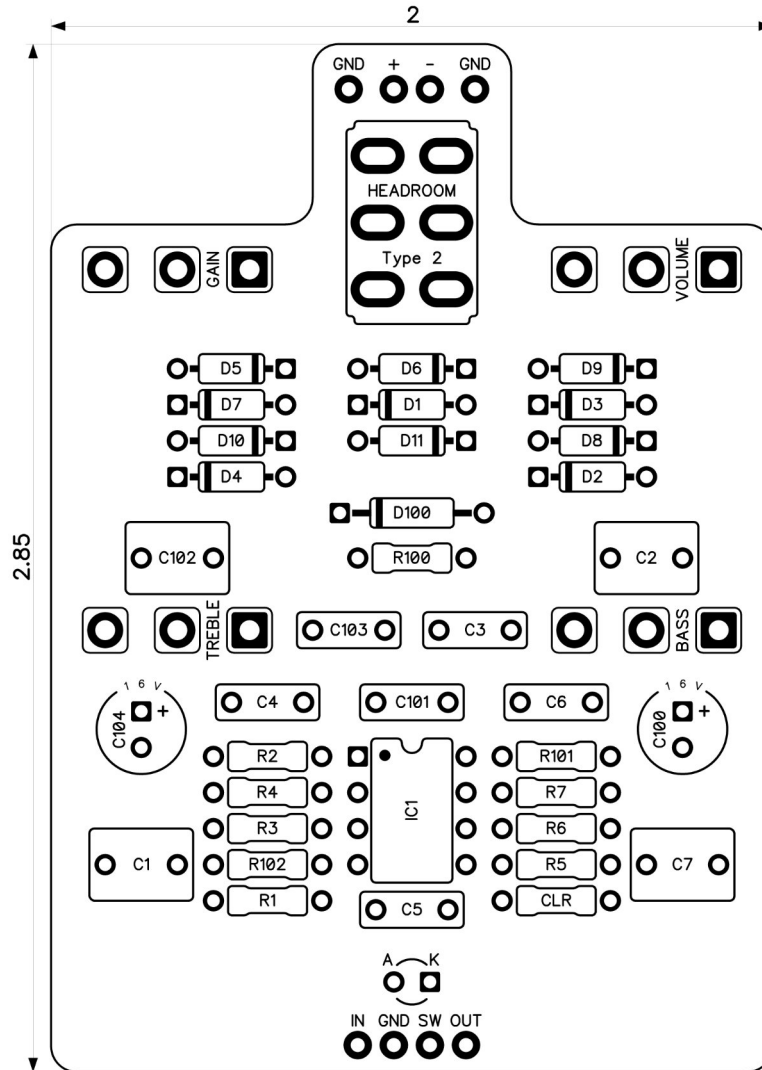


PedalPCB

Acer Overdrive

Revised 10/31/22



CONTROLS AND FEATURES

- Volume
- Gain
- Bass
- Treble
- Headroom (Toggle switch)

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	3K3	Resistor, 1/4W	
R3	1M	Resistor, 1/4W	
R4	3K3	Resistor, 1/4W	
R5	1K5	Resistor, 1/4W	
R6	3K3	Resistor, 1/4W	
R7	3K3	Resistor, 1/4W	
R100	100R	Resistor, 1/4W	
R101	10K	Resistor, 1/4W	
R102	10K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	<i>*LED current limiting resistor</i>
C1	47n	Film capacitor, 7.2 x 2.5mm	
C2	1u	Film capacitor, 7.2 x 5.0mm	
C3	33n	Film capacitor, 7.2 x 2.5mm	
C4	51p	Ceramic disc capacitor	
C5	47n	Film capacitor, 7.2 x 2.5mm	
C6	100p	Ceramic disc capacitor	
C7	1u	Film capacitor, 7.2 x 5.0mm	
C100	47u	Electrolytic capacitor, 5mm	
C101	100n	Film capacitor, 7.2 x 2.5mm	
C102	100n	Film capacitor, 7.2 x 2.5mm	
C103	100n	Film capacitor, 7.2 x 2.5mm	
C104	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	
D5	1N4148	Signal diode, DO-35	
D6	1N4148	Signal diode, DO-35	
D7	1N4148	Signal diode, DO-35	
D8	1N4148	Signal diode, DO-35	
D9	1N4148	Signal diode, DO-35	
D10	1N4148	Signal diode, DO-35	
D11	1N4148	Signal diode, DO-35	
D100	1N4007	Silicon rectifier diode, DO-41	
IC1	NE5532	Dual op-amp, DIP8	
VOLUME	A10K	16mm right-angle PCB mount pot	
GAIN	A500K	16mm right-angle PCB mount pot	
TREBLE	B10K	16mm right-angle PCB mount pot	
BASS	B50K	16mm right-angle PCB mount pot	
HEADROOM	DPDT	Toggle switch, DPDT	3-position Type 2 (ON/ON/ON)

Acer Overdrive

Schematic Diagram

