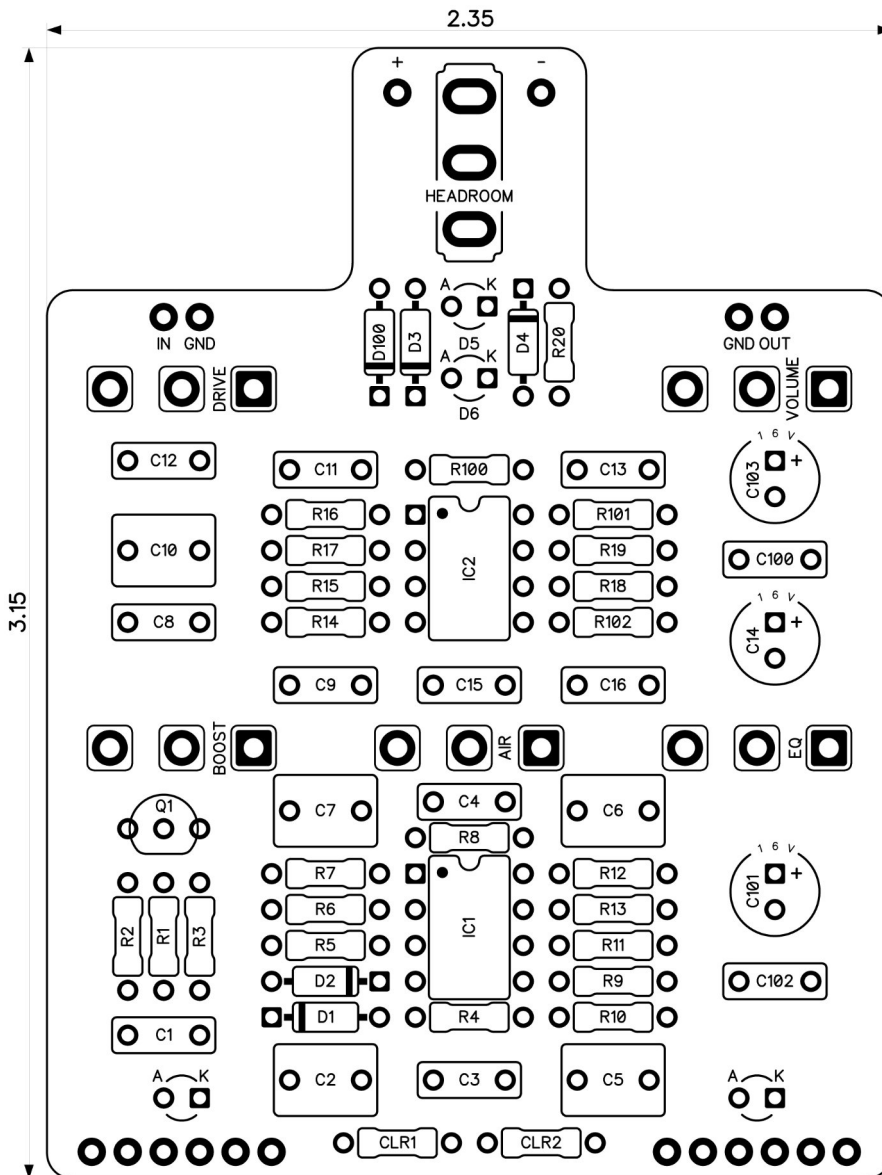


PedalPCB

Angry Andy Plus Overdrive

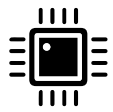
Revised 1/7/24



CONTROLS AND FEATURES

- Volume
- Drive
- EQ
- Air
- Boost
- Headroom (Toggle switch)

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LOCATION	VALUE	TYPE	NOTES
R1	1K	Resistor, 1/4W	
R2	510K	Resistor, 1/4W	
R3	10K	Resistor, 1/4W	
R4	4K7	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	51K	Resistor, 1/4W	
R7	22K	Resistor, 1/4W	
R8	1K	Resistor, 1/4W	
R9	6K8	Resistor, 1/4W	
R10	220R	Resistor, 1/4W	
R11	3K6	Resistor, 1/4W	
R12	10K	Resistor, 1/4W	
R13	1K	Resistor, 1/4W	
R14	1M	Resistor, 1/4W	
R15	1K	Resistor, 1/4W	
R16	1M	Resistor, 1/4W	
R17	1K	Resistor, 1/4W	
R18	10K	Resistor, 1/4W	
R19	1M	Resistor, 1/4W	
R20	470R	Resistor, 1/4W	
R100	10R	Resistor, 1/4W	
R101	22K	Resistor, 1/4W	
R102	22K	Resistor, 1/4W	
CLR1	4K7	Resistor, 1/4W	* LED current limiting resistor (Boost)
CLR2	4K7	Resistor, 1/4W	* LED current limiting resistor (Drive)
C1	22n	Film capacitor, 7.2 x 2.5mm	
C2	1u	Film capacitor, 7.2 x 5.0mm	
C3	47n	Film capacitor, 7.2 x 2.5mm	
C4	50p	Ceramic capacitor	
C5	220n	Film capacitor, 7.2 x 5.0mm	
C6	220n	Film capacitor, 7.2 x 5.0mm	
C7	1u	Film capacitor, 7.2 x 5.0mm	
C8	22n	Film capacitor, 7.2 x 2.5mm	
C9	1n	Film capacitor, 7.2 x 2.5mm	
C10	220n	Film capacitor, 7.2 x 5.0mm	
C11	100p	Ceramic capacitor	
C12	100n	Film capacitor, 7.2 x 2.5mm	
C13	100p	Ceramic capacitor	
C14	2u2	Electrolytic capacitor, 5mm	
C15	22n	Film capacitor, 7.2 x 2.5mm	
C16	22n	Film capacitor, 7.2 x 2.5mm	
C100	100n	Film capacitor, 7.2 x 2.5mm	
C101	100u	Electrolytic capacitor, 5mm	
C102	100n	Film capacitor, 7.2 x 2.5mm	
C103	100u	Electrolytic capacitor, 5mm	
D1	1N4148	Signal diode, DO-35	
D2	1N4148	Signal diode, DO-35	
D3	1N4004	Standard recovery diode, DO-41	
D4	1N4004	Standard recovery diode, DO-41	
D5	RED	3mm Red LED, Diffused	
D6	RED	3mm Red LED, Diffused	
D100	1N5817	Schottky diode, DO-41	
Q1	BC549C	BJT transistor, NPN TO-92	
IC1	RC4558	Dual op-amp, DIP8	
IC2	LM833	Dual op-amp, DIP8	
HEADROOM	ON/OFF/ON	Toggle switch, SPDT	3-position (ON/OFF/ON)
VOLUME	A100K	16mm right-angle PCB mount pot	
DRIVE	B100K	16mm right-angle PCB mount pot	
BOOST	B100K	16mm right-angle PCB mount pot	
AIR	B25K	16mm right-angle PCB mount pot	
EQ	B10K	16mm right-angle PCB mount pot	



Schematic Diagram



