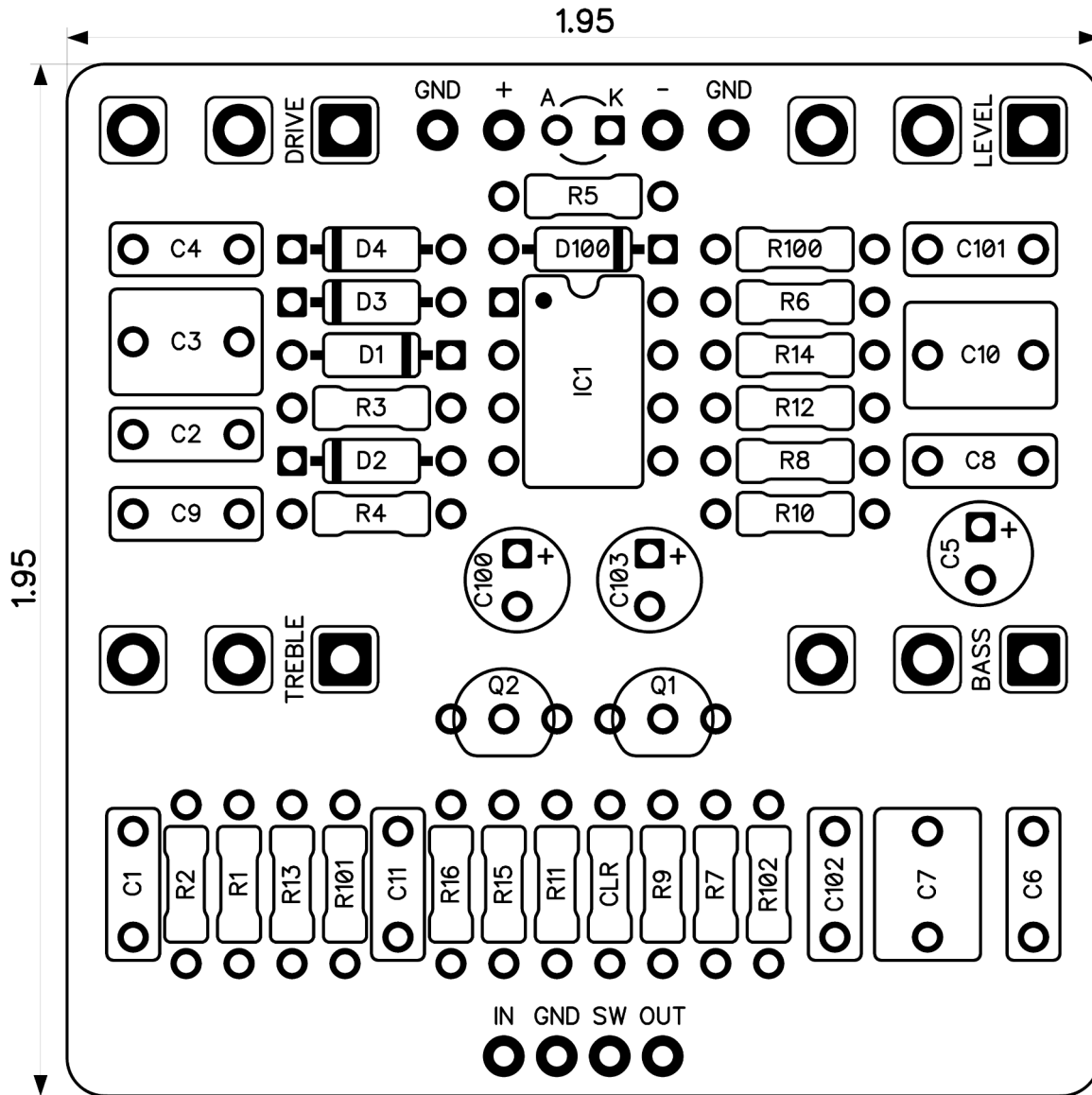




Sherwood Overdrive

Revised 12/15/23



CONTROLS AND FEATURES

- Level
- Drive
- Bass
- Treble

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	1K	Resistor, 1/4W	
R3	470K	Resistor, 1/4W	
R4	4K7	Resistor, 1/4W	
R5	4K7	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R7	6K2	Resistor, 1/4W	
R8	150K	Resistor, 1/4W	
R9	6K2	Resistor, 1/4W	
R10	1M	Resistor, 1/4W	
R11	33K	Resistor, 1/4W	
R12	150K	Resistor, 1/4W	
R13	6K2	Resistor, 1/4W	
R14	1K	Resistor, 1/4W	
R15	6K2	Resistor, 1/4W	
R16	33K	Resistor, 1/4W	
R100	100R	Resistor, 1/4W	
R101	47K	Resistor, 1/4W	
R102	47K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	100p	Ceramic capacitor	
C2	100n	Film capacitor, 7.2 x 2.5mm	
C3	220n	Film capacitor, 7.2 x 5.0mm	
C4	100p	Ceramic capacitor	
C5	10u	Electrolytic capacitor, 5mm	
C6	100n	Film capacitor, 7.2 x 2.5mm	
C7	1u	Film capacitor, 7.2 x 5.0mm	
C8	100p	Electrolytic capacitor, 5mm	
C9	4n7	Film capacitor, 7.2 x 2.5mm	
C10	1u	Film capacitor, 7.2 x 5.0mm	
C11	47n	Film capacitor, 7.2 x 2.5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	100n	Film capacitor, 7.2 x 5.0mm	
C102	100n	Film capacitor, 7.2 x 5.0mm	
C103	10u	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	
Q1	2N5089	BJT transistor, NPN TO-92	
Q2	2N5089	BJT transistor, NPN TO-92	
IC1	OPA2134PA	Dual op-amp, DIP8	
LEVEL	A100K	16mm right-angle PCB mount pot	
DRIVE	A1M	16mm right-angle PCB mount pot	
BASS	B100K	16mm right-angle PCB mount pot	
TREBLE	B100K	16mm right-angle PCB mount pot	

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Schematic Diagram

