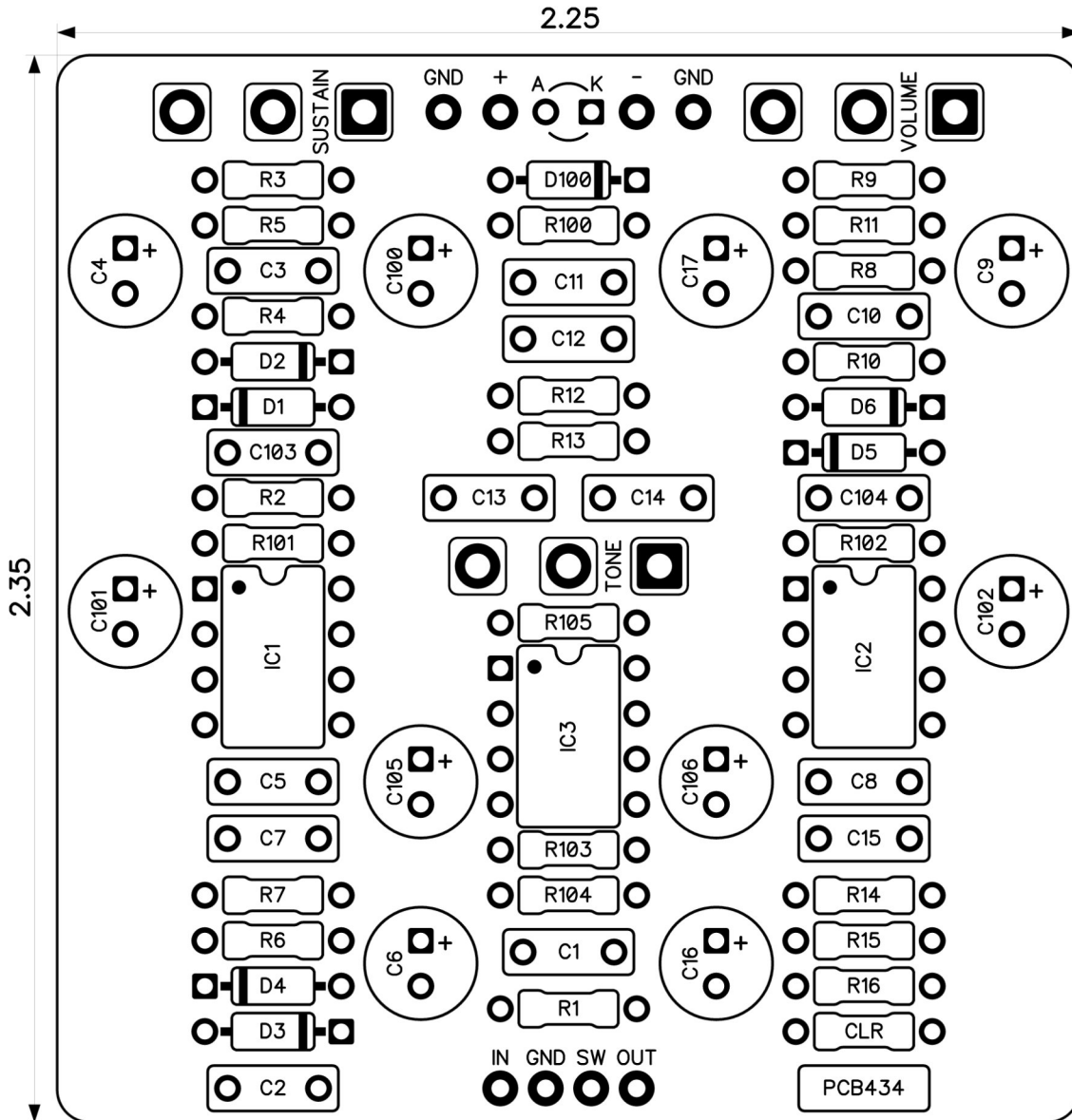


PedalPCB

Red Muffin Fuzz

Revised 1/15/26



CONTROLS AND FEATURES

- Volume
- Tone
- Sustain

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	133K	Resistor, 1/4W	
R3	4K7	Resistor, 1/4W	
R4	470K	Resistor, 1/4W	
R5	4K7	Resistor, 1/4W	
R6	47K	Resistor, 1/4W	
R7	470K	Resistor, 1/4W	
R8	4K7	Resistor, 1/4W	
R9	47K	Resistor, 1/4W	
R10	470K	Resistor, 1/4W	
R11	4K7	Resistor, 1/4W	
R12	27K	Resistor, 1/4W	
R13	27K	Resistor, 1/4W	
R14	240K	Resistor, 1/4W	
R15	10K	Resistor, 1/4W	
R16	10K	Resistor, 1/4W	
R100	10R	Resistor, 1/4W	
R101	100R	Resistor, 1/4W	
R102	100R	Resistor, 1/4W	
R103	100K	Resistor, 1/4W	
R104	100K	Resistor, 1/4W	
R105	51R	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	47p	Ceramic capacitor	
C2	100n	Film capacitor, 7.2 x 2.5mm	
C3	470p	Ceramic capacitor	
C4	4u7	Electrolytic capacitor, 5mm	
C5	4n7	Film capacitor, 7.2 x 2.5mm	
C6	4u7	Electrolytic capacitor, 5mm	
C7	470p	Ceramic capacitor	
C8	4n7	Film capacitor, 7.2 x 2.5mm	
C9	4u7	Electrolytic capacitor, 5mm	
C10	470p	Ceramic capacitor	
C11	4n7	Film capacitor, 7.2 x 2.5mm	
C12	3n3	Film capacitor, 7.2 x 2.5mm	
C13	10n	Film capacitor, 7.2 x 2.5mm	
C14	100n	Film capacitor, 7.2 x 2.5mm	
C15	100n	Film capacitor, 7.2 x 2.5mm	
C16	47u	Electrolytic capacitor, 5mm	
C17	10u	Electrolytic capacitor, 5mm	
C100	220u	Electrolytic capacitor, 5mm	
C101	100u	Electrolytic capacitor, 5mm	
C102	100u	Electrolytic capacitor, 5mm	
C103	100n	Film capacitor, 7.2 x 2.5mm	
C104	100n	Film capacitor, 7.2 x 2.5mm	
C105	47u	Electrolytic capacitor, 5mm	
C106	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	
D100	1N5817	Schottky diode, DO-41	
IC1	RC4558	Dual op-amp, DIP8	
IC2	RC4558	Dual op-amp, DIP8	
IC3	TL071	Single op-amp, DIP8	(Original used SMD OPA1677)
VOLUME	B10K	16mm right-angle PCB mount pot	
TONE	B100K	16mm right-angle PCB mount pot	
SUSTAIN	B100K	16mm right-angle PCB mount pot	

Red Muffin Fuzz

Schematic Diagram

