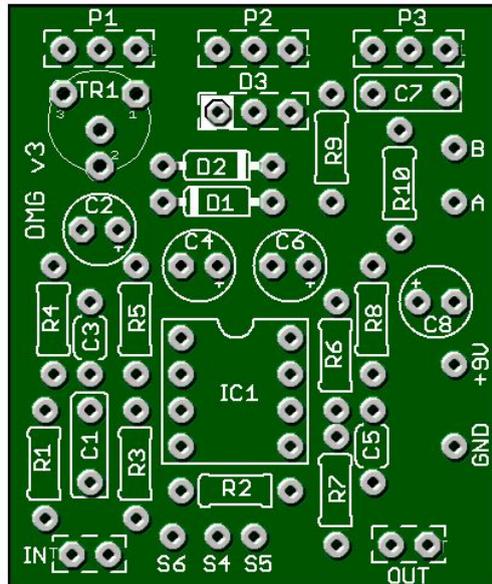
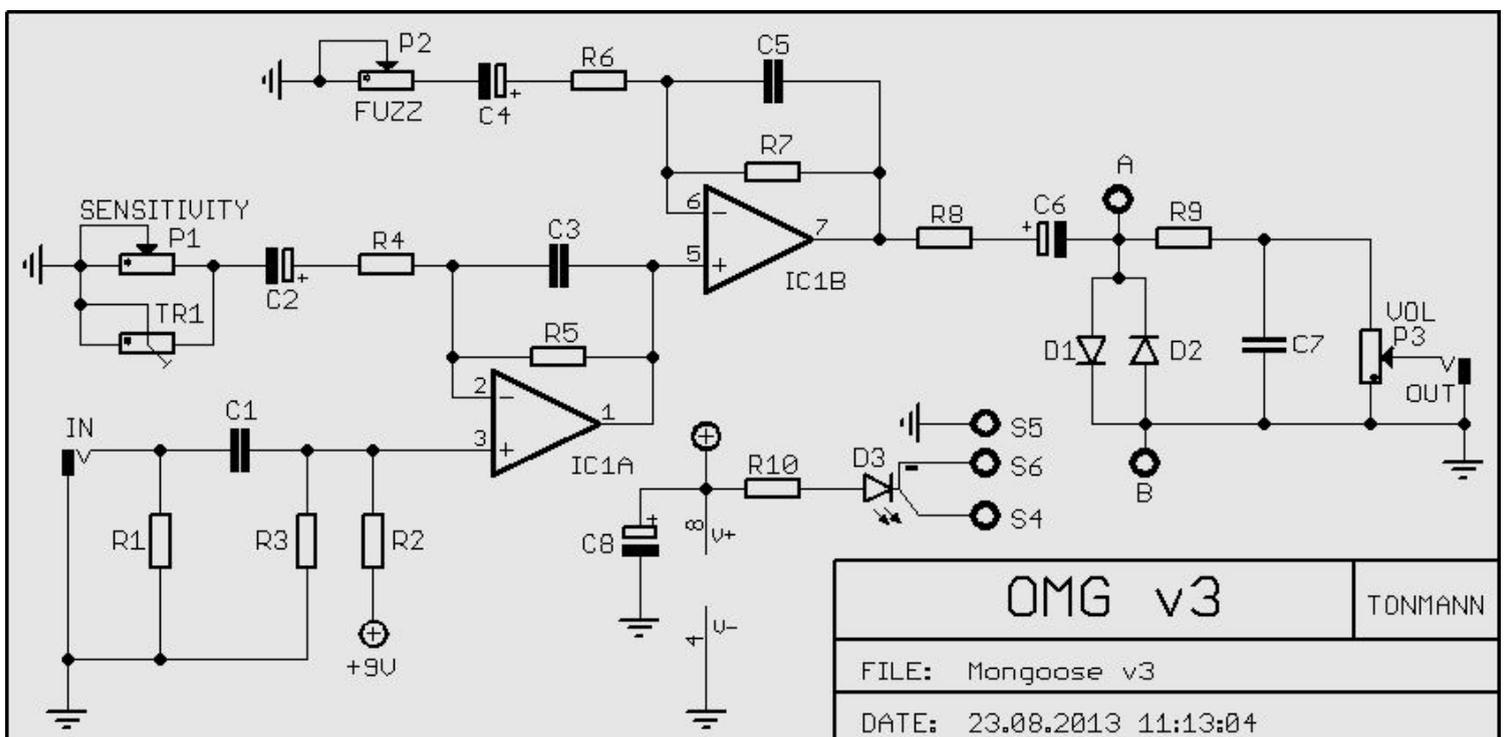


OMG - Mongoose Fuzz v3

Based off of the rare late 80's early 90's Mongoose Fuzz™ by Roger Mayer. Made famous by the likes of Joe Perry. This version uses a Dual Opamp and added Sensitivity control while retaining much of the Fuzz Vibe. Additionally this board features GuitarPCBs unique A/B pad system. Features our opamp design for build simplicity and quiet operation. It cleans up with Humbuckers so vintage wound Single Coil pickups response is extra sweet.



Board Dimensions (W x H) 1.36" x 1.63" ca. 34.6mm x 41.3mm



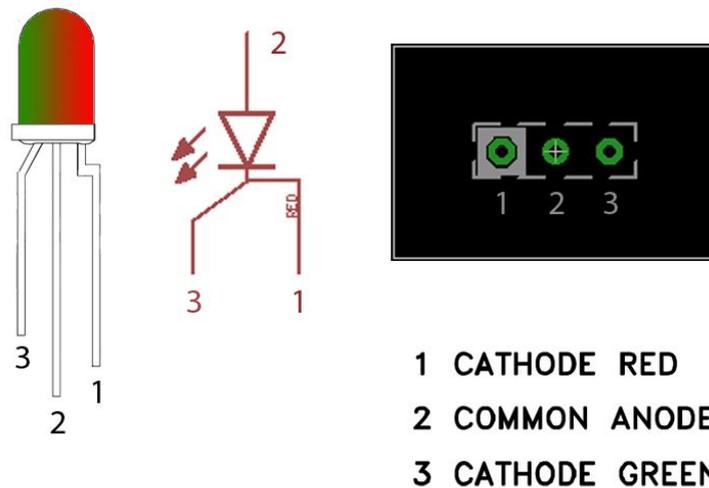
R1	1M	C1	100n	63V	IC1	TL072
R2	1M	C2	2 μ 2	16V		
R3	1M	C3	560p		D1 D2	1N4148
R4	2k2	C4	2 μ 2	16V	D3	CA Bi-colour LED
R5	100k	C5	560p			
R6	100R	C6	2 μ 2	13V	TR1	100k*
R7	100k	C7	3n3	63V		
R8	10k	C8	47 μ	16V	P1	100k Lin*
R9	1k5				P2	10k Anti-Log**
R10	1k5				P3	100k Log

***Either TR1 or P1 is installed but not both.**

**** A 10k antilog pot offers better control, a 10k Lin pot can also be used with great results.**

STATUS LED

D3 is a common anode bi-colour LED



The diagram above shows the pin-out, schematic symbol and pad connection for a common anode LED. The pin-out for the bi-colour LED is as follows:

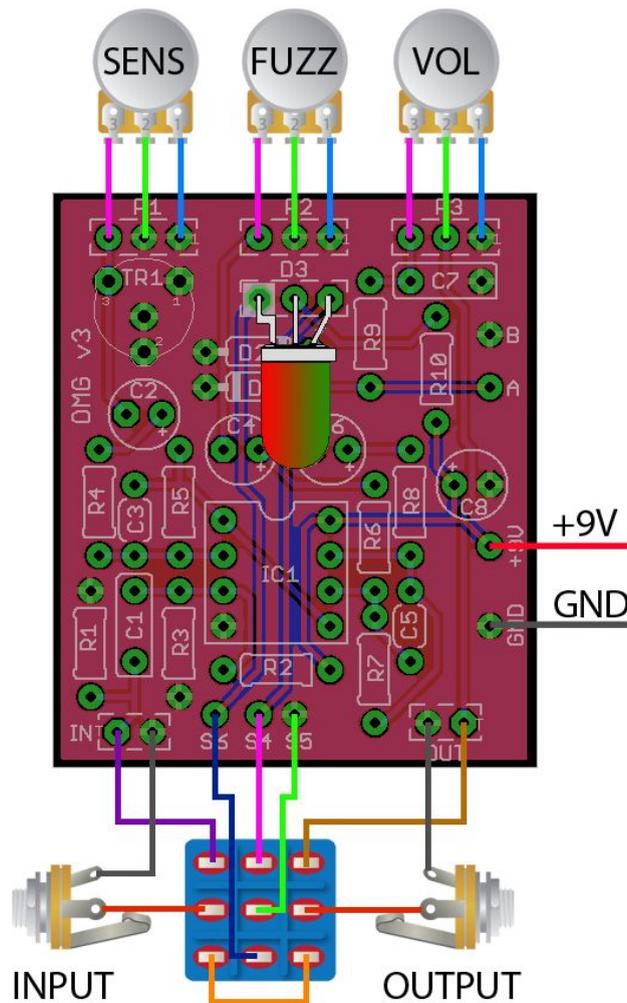
1 st Colour Cathode	90 degree bend in the lead
Common Anode	Middle lead
2 nd Colour Cathode	45 degree bend in the lead

The pad for lead 1 on the circuit board is marked with a white box.

When connected correctly D3 will light red when power is applied and the circuit is in bypass mode and light green when the circuit is in effects mode.

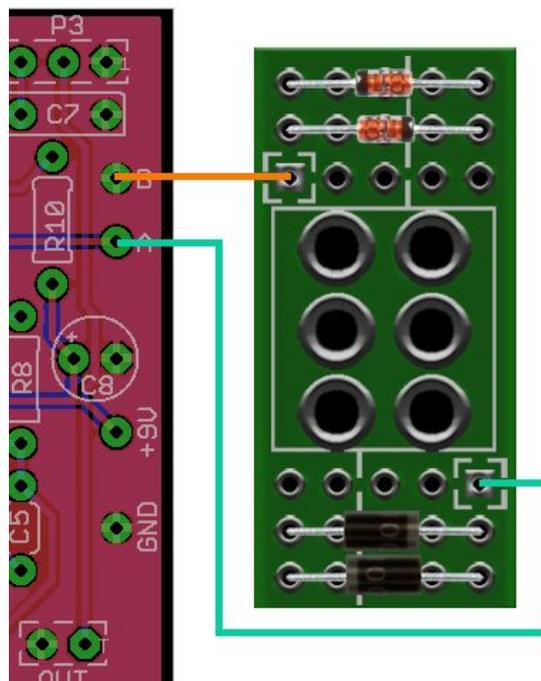
If you wish to use a standard LED the anode is connected to the middle pad and the cathode to the right (non-white) pad.

WIRING



Pads A and B have been included to allow diode (D1 and D2) switching modifications to be made to the circuit.

The following is an example using GuitarPCB's DPDT Wiring Board:



[Soldering Tutorial on Youtube](#)



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If they do not have a KIT listed send them a note asking if they can help you out.



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