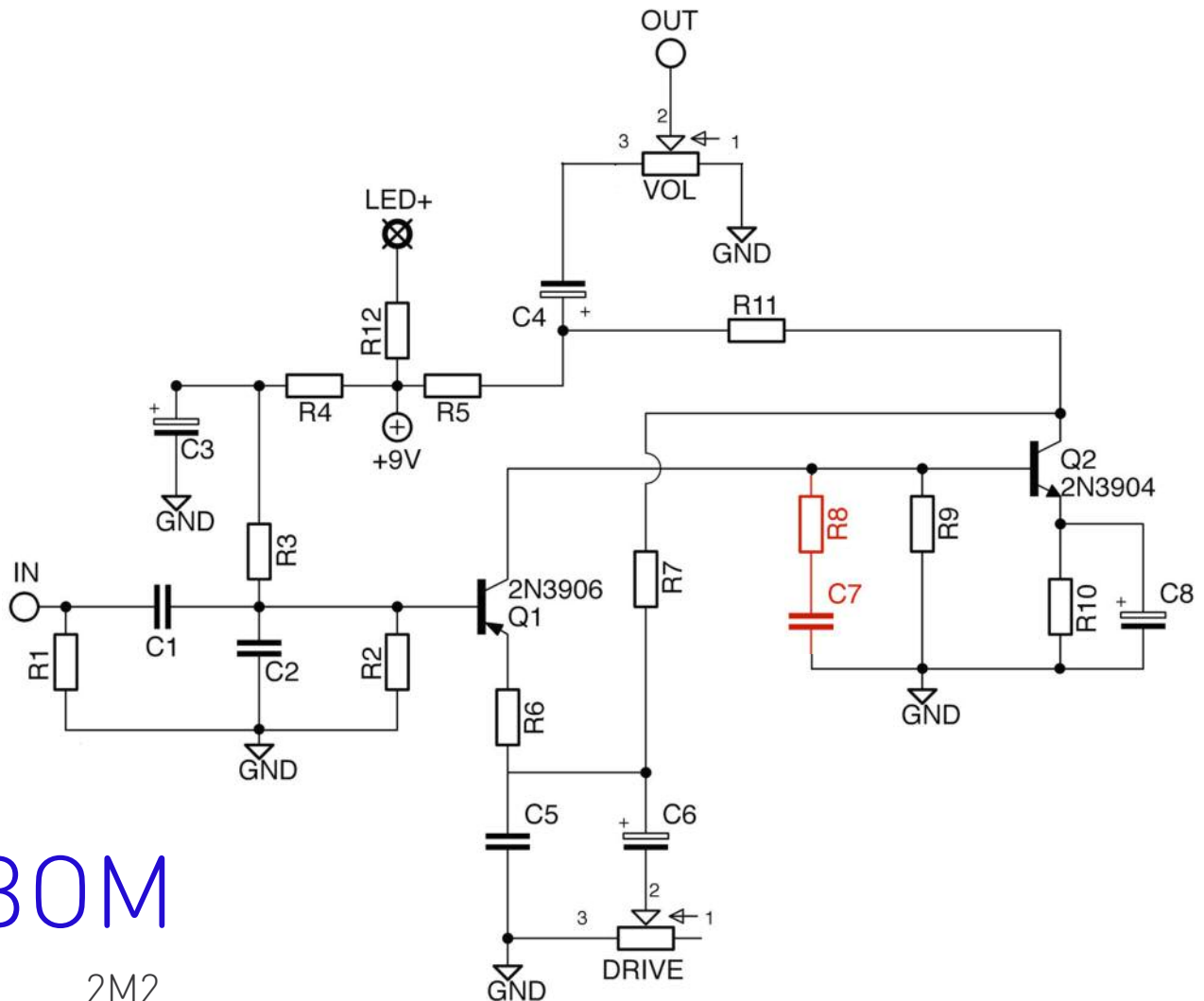


Axis Fuzz

Fuzzy Silicon
Screaming Beasty

PedalParts.co.uk

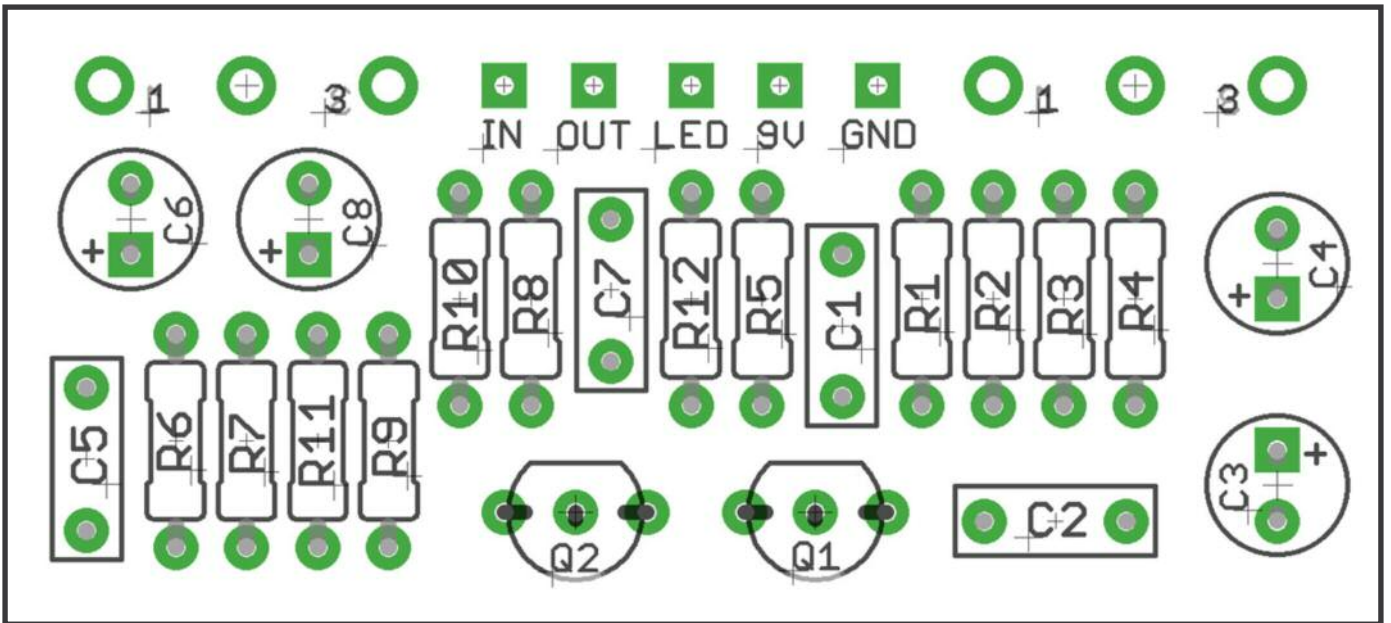
Schematic



BOM

R1	2M2	C1	100n	Q1	2N3906
R2	680K	C2	470p	Q2	2N3904
R3	820K	C3	22u	DRIVE	2KB
R4	180K	C4	2.2u	VOL	50KA
R5	10K	C5	100n		
R6	220R	C6	22u		
R7	47K	C7	1n		
R8	220R	C8	22u		
R9	100K				
R10	39K				
R11	22K				
R12	2K2*				

According to the good people over at Fuzz Central the circuit will sound better without R8 and C7 (in red on schematic). I wouldn't like to say, but since you have the parts anyway why not try with and without? you can always just snip them out.



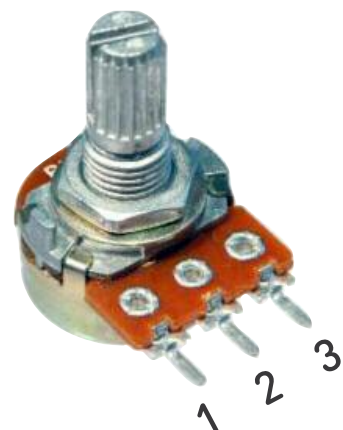
Pots mount on the rear of the PCB, opposite side to the components.

Wiring shown overleaf will disconnect the battery when you remove the jack plug from the input, and also when a DC plug is inserted.

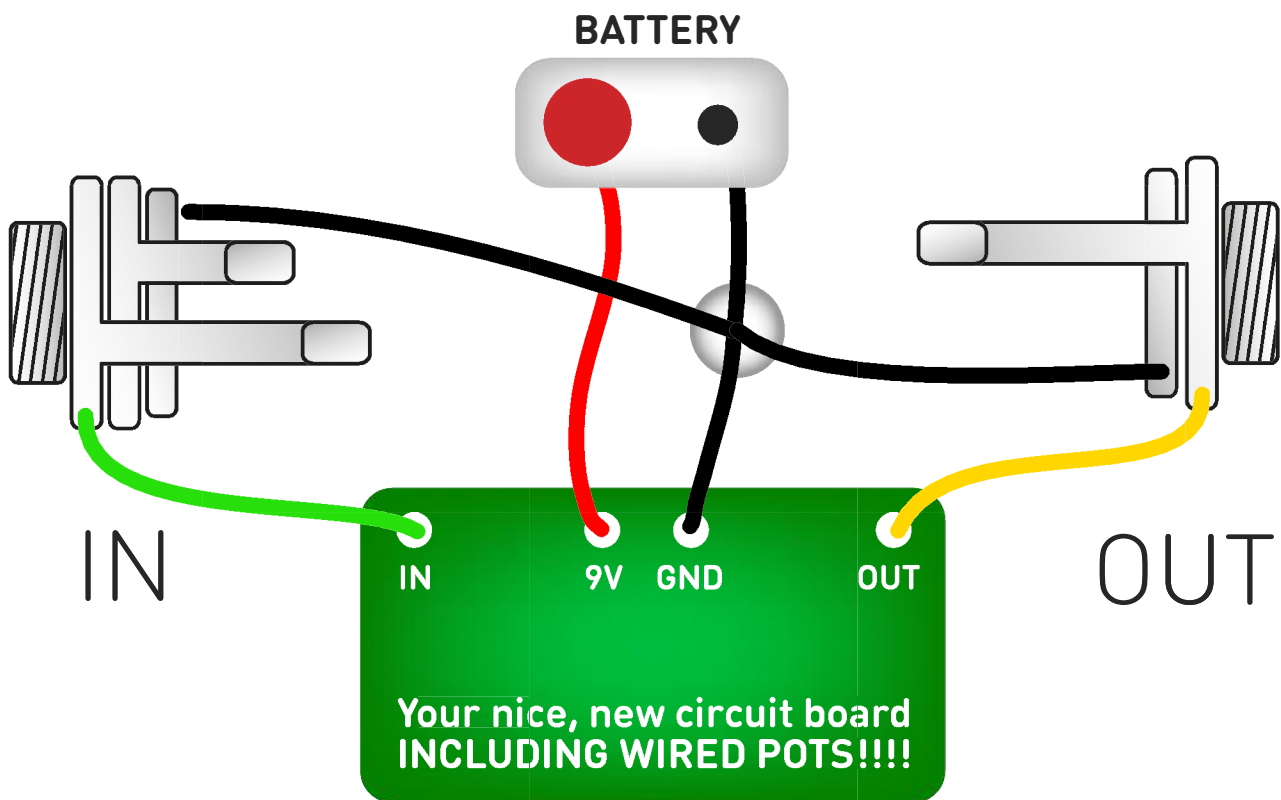
Snap the little metal tag off the pot to mount it flush in the box.

You should use some kind of heat sink on the legs of the transistors when soldering. They aren't keen on heat. Any more than 3-4 seconds of iron and they're toast.

Recommended assembly order:
Resistors, Caps, Transistors, Wires, Pots



Test the board!

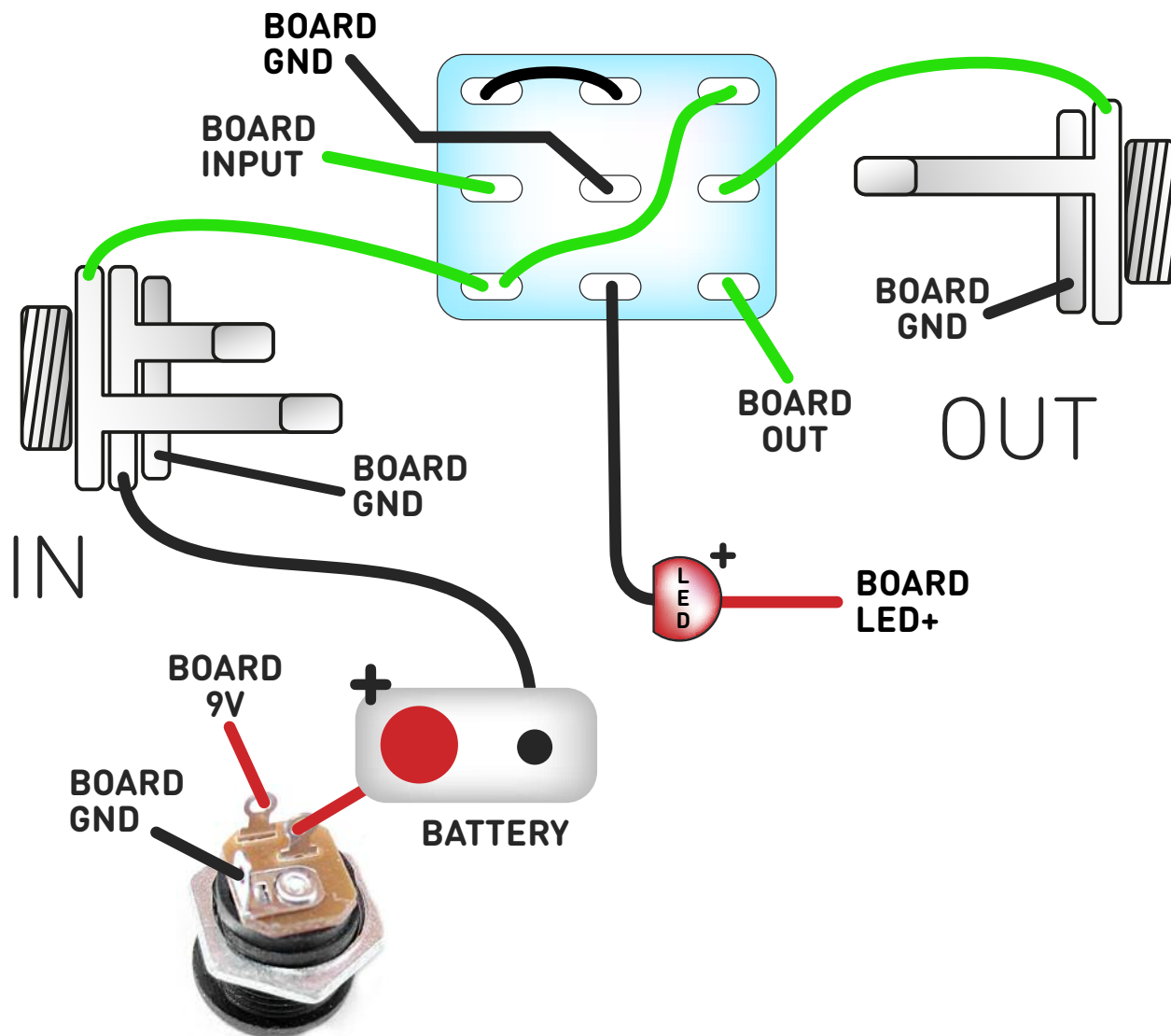


Once you've finished the circuit it makes sense to test it before starting on the switch and LED wiring. It'll cut down troubleshooting time in the long run. If the circuit works at this stage, but it doesn't once you wire up the switch - guess what? You've probably made a mistake with the switch.

Solder some nice, long lengths of wire to the board connections for 9V, GND, IN and OUT. Connect IN and OUT to the jacks as shown. Connect all the GNDs together (twist them up and add a small amount of solder to tack it). Connect the battery + lead to the 9V wire, same method. Plug in. Go!

If it works, crack on and do your switch wiring. If not... aw man. At least you know the problem is with the circuit. Find out why, get it working, THEN worry about the switch etc.

Wire it up



The Board GND connections don't all have to directly attach to the board. You can run a couple of wires from the DC connector, one to the board, another to the IN jack, then daisy chain that over to the OUT jack.

It doesn't matter how they all connect, as long as they do.

This circuit is standard, Negative GND. Your power supply should be Tip Negative / Sleeve Positive. That's the same as your standard pedals (Boss etc), and you can safely daisy-chain your supply to this pedal. Now... GO GET FUZZY!

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