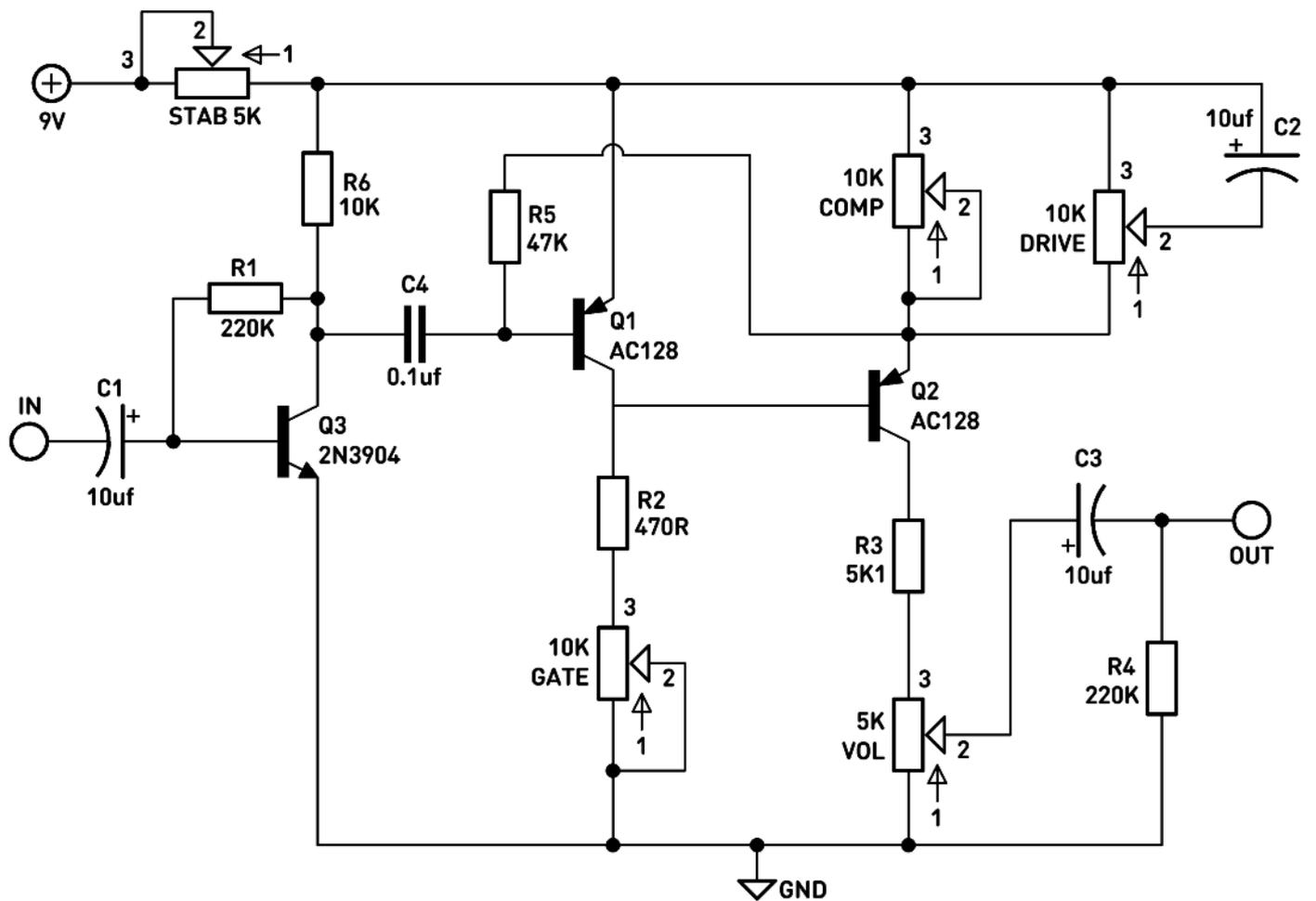


Filth Factory

Famous germanium
5-knobbed fuzz clone

PedalParts.co.uk

Schematic



BOM

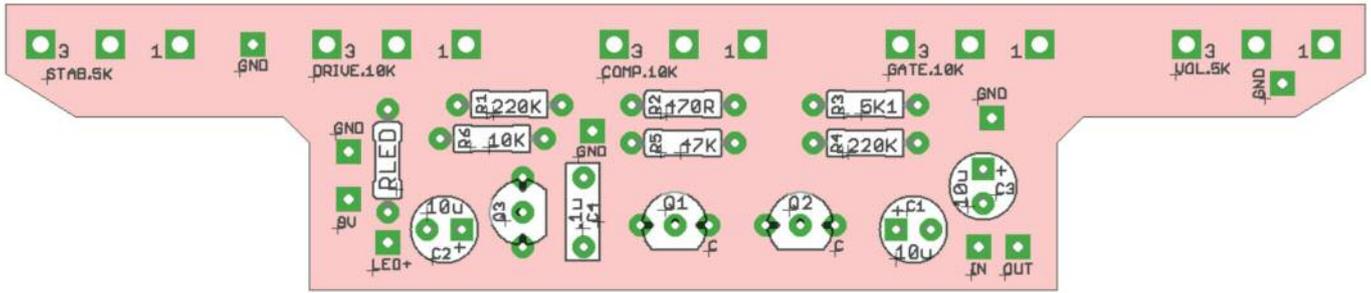
R1,4	220K	
R2	470R	
R3	5K1	
R5	47K	
R6	10K	
C1,2,3	10u	
C4	0.1u	

Q1,2	AC128/2N404
	or other PNP Germs
Q3	2N3904
STAB	5kB or C
DRIVE	10kB
COMP	10kB
GATE	10kB
VOL	5kB

Surely this beast needs no explanation? You want it... You NEED it!

In essence a Fuzz Face with a pre-booster and a load of controls, but what fun!

This version has board-mounted pots for super-simple assembly.



Pots should mount on the same side as the components.

It'll be easier to solder the wires before mounting the pots.

Collector of Q1 and Q2 is marked. Usually the shorter leg, and on the opposite side to the emitter which is marked with a metal tag on the can.

There are several GND pads to make it easier to wire up without having to daisy-chain your GND signal. Use the two furthest to the left and right for your jacks, the one just above the 100n cap for your footswitch, and one next to the 9V for the DC connector.

It makes sense to attach some of the wires to the underside of the PCB, i.e. the IN and OUT wires, the GND for the footswitch and the LED+. See pic below.

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

You **MUST** 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

