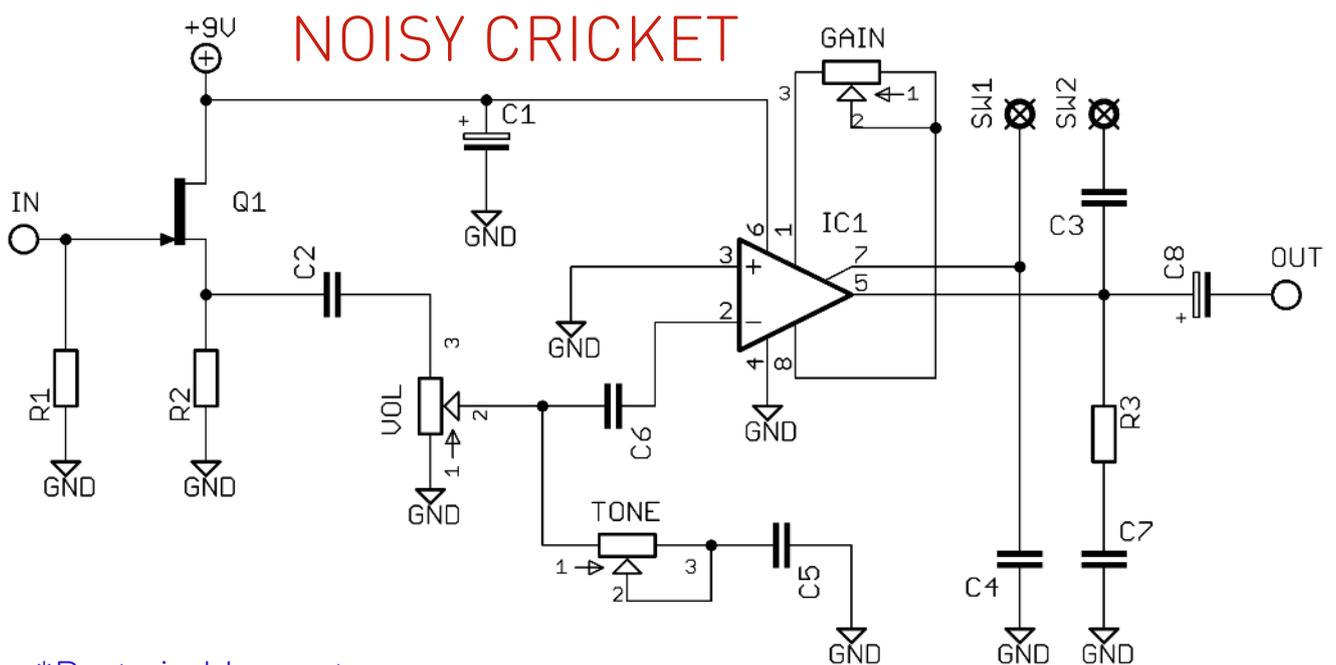
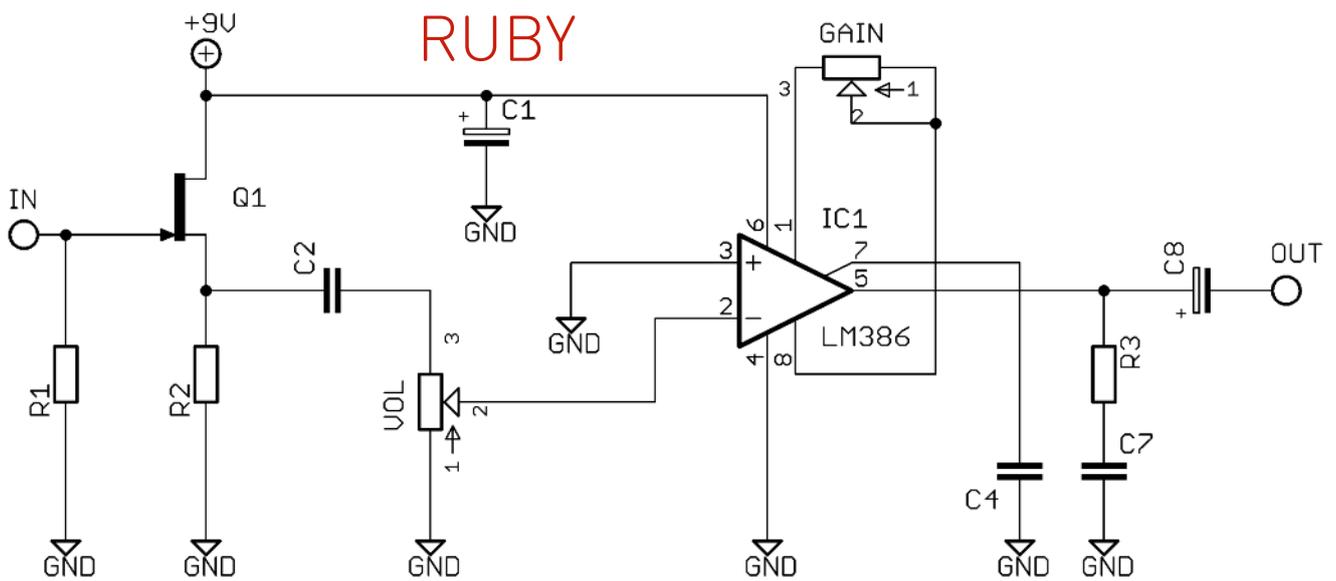


Ruby / Noisy Cricket

A right sexy pair of
little guitar amps

PedalParts.co.uk

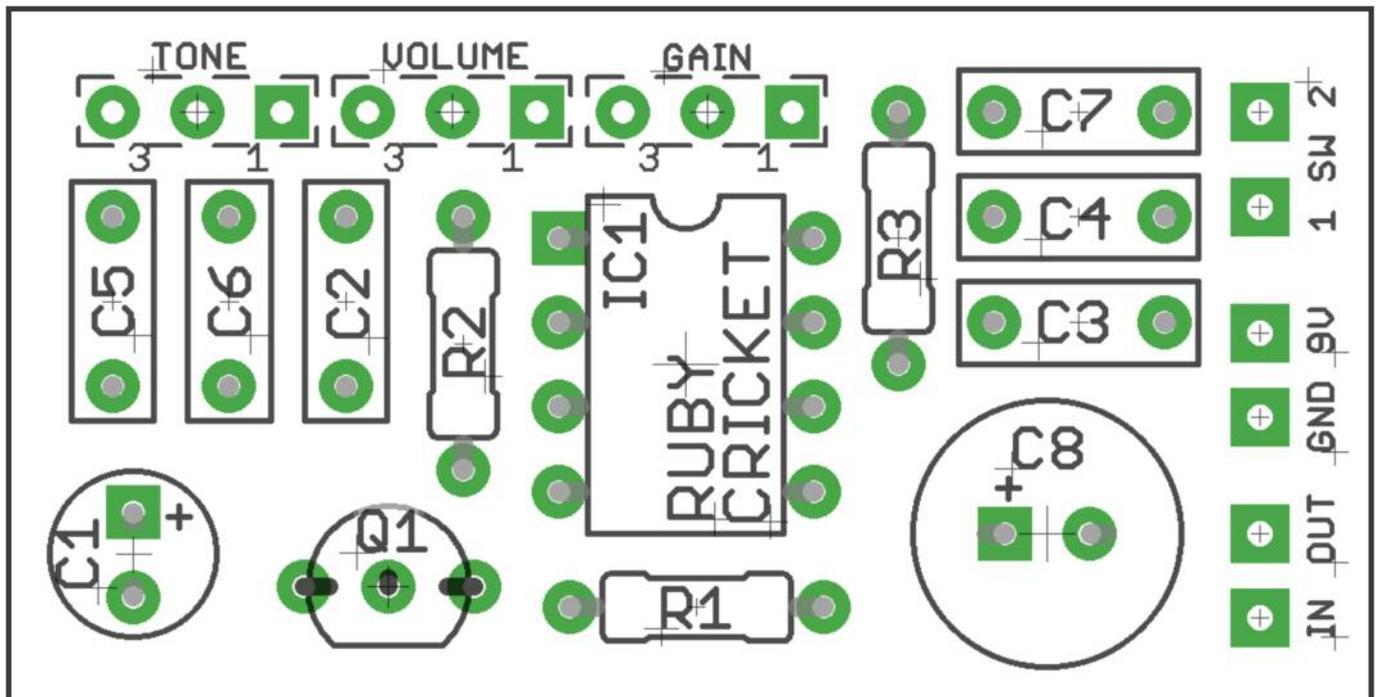
Schematics



*Parts in blue not required for RUBY

BOM

R1	1M	C1	100u elec	Q1	2N5457
R2	3K9	C2	47n	IC1	LM386
R3	10R	C3	100n*	VOL	10KB
		C4	100n	TONE	100KB*
		C5	100n*	GAIN	1KB
		C6	100n*	SW1	SPST*
		C7	47n		
		C8	100u elec		



The Noisy Cricket, built on the foundations of the Ruby by Beavis Audio, adds a tone control and a 'Grit' switch which adds a little bit more oomph. What you build is up to you. To be honest I don't see the point of the tone control on what is basically a low-fi practice amp, but whatever floats your boat.

Grit switch is SPST, but you can use anything that'll join/separate those two pad connections at the flip of a lever.

For **Noisy Cricket**, fill all those PCB spaces.

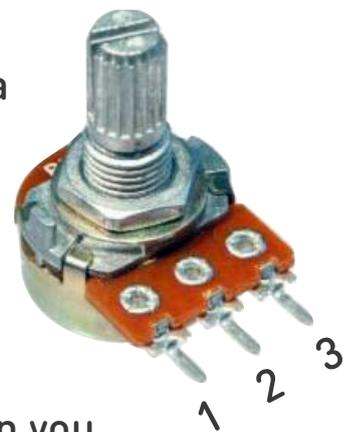
For **Ruby**, omit TONE, SW, C3, C5, C6, and place a jumper wire across the pads of C6.

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

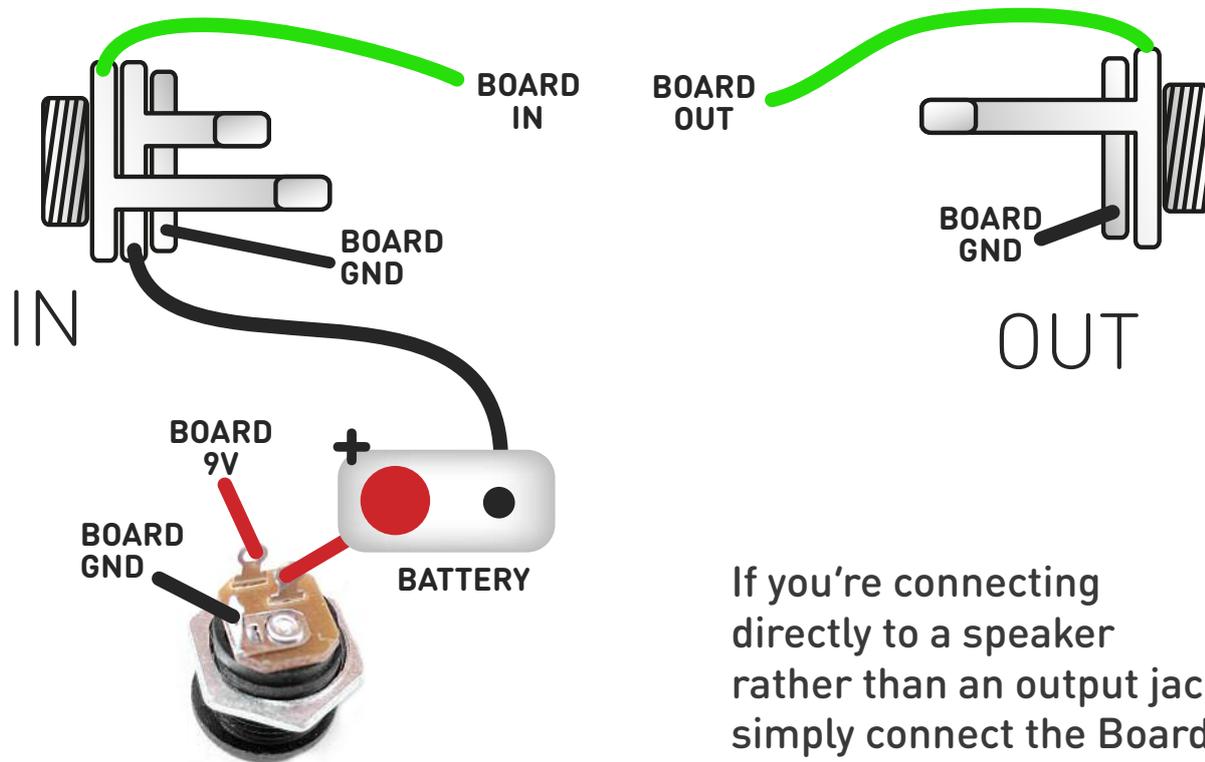
Use some kind of heat sink on the legs the transistor when soldering. They aren't keen on heat. Any more than 3-4 seconds of iron and its toast.

For more info on both the RUBY and the NOISY CRICKET head over to these wonderful sites:

runoffgroove.com beavisaudio.com



Wire it up



If you're connecting directly to a speaker rather than an output jack, simply connect the Board Out wire to the + terminal, and Board GND to -

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... CRANK THAT MOFO!

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