

It's a sine!

Simple tone generator for
your testing pleasure

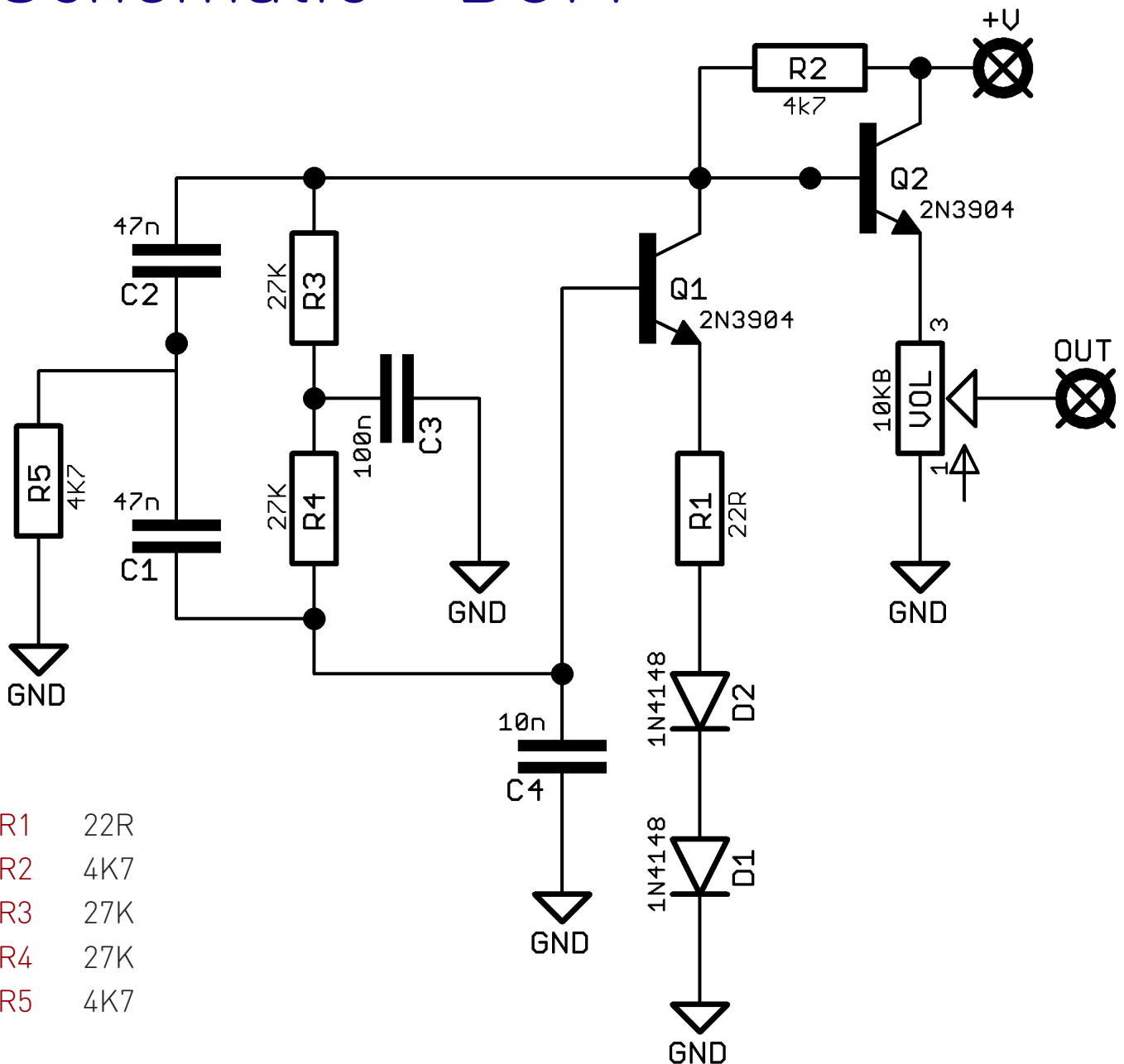


Before you dig in, ensure you download and read the **General Build Guide**.

It contains all the information you need for a successful outcome.



Schematic + BOM



R1	22R
R2	4K7
R3	27K
R4	27K
R5	4K7

C1	47n
C2	47n
C3	100n
C4	10n

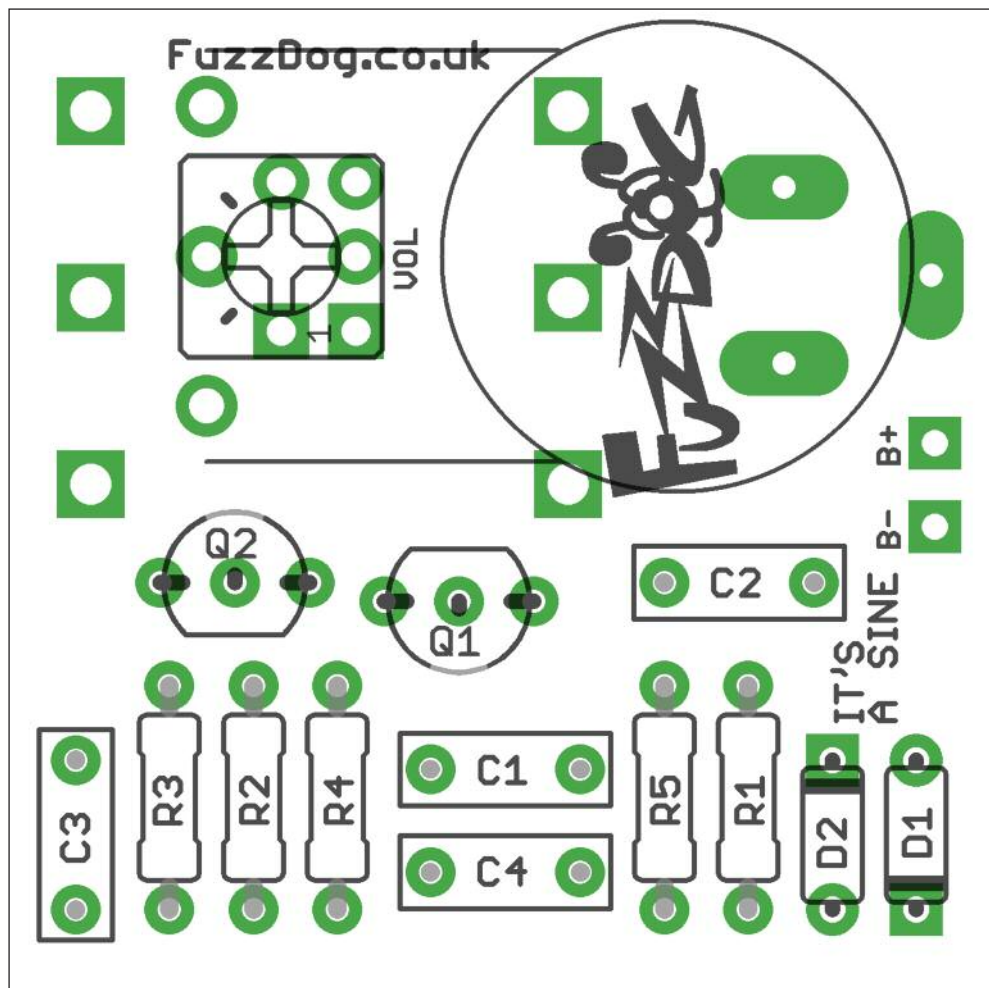
D1-2 1N4148

Q1-2 2N3904

VOL 10KB
or 10K trimmer

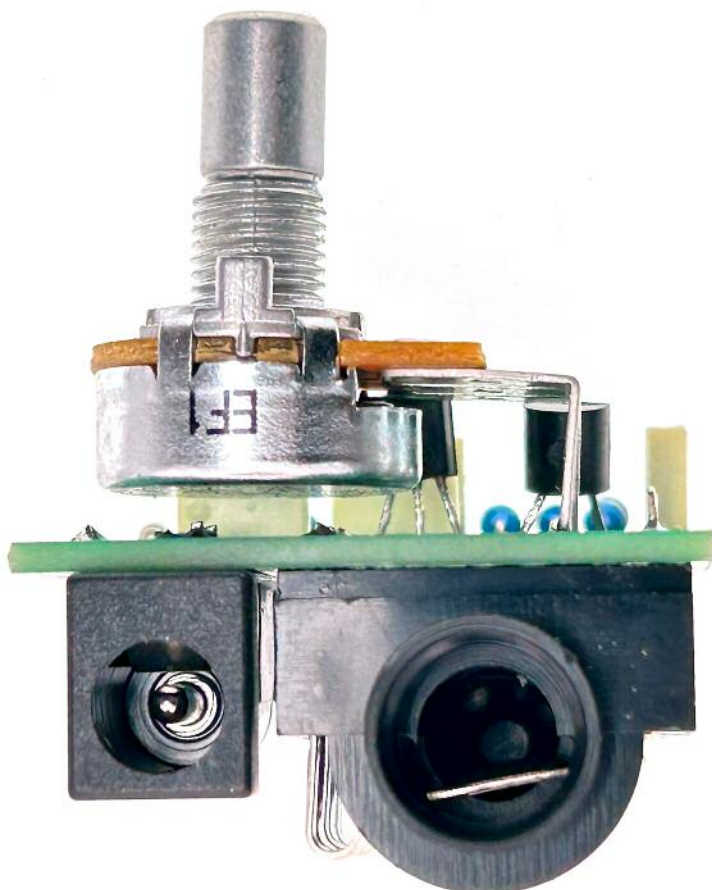
The board has been designed to be a self-contained unit without an enclosure. You can build it to go into a box, but we'd recommend wiring the DC and jack sockets offboard. More later.

If you are building it with the PCB-mounted jack and DC sockets you need to solder your volume pot or trimmer before the jack socket.



If you want to wire a battery, use the B+/- pads.

It'll only be connected when you insert a jack plug, so no worries about it running down.



Wiring Jack/DC offboard

This assumes you want to use a battery (connected to B+/-), which will be disconnected when there's no jack plug inserted into the output.

If you aren't using a battery, swap the TRS jack socket for a mono socket and ignore the green wire. You can also omit the right hand red wire.

There's no drill template as you can configure the enclosure however you like.

