

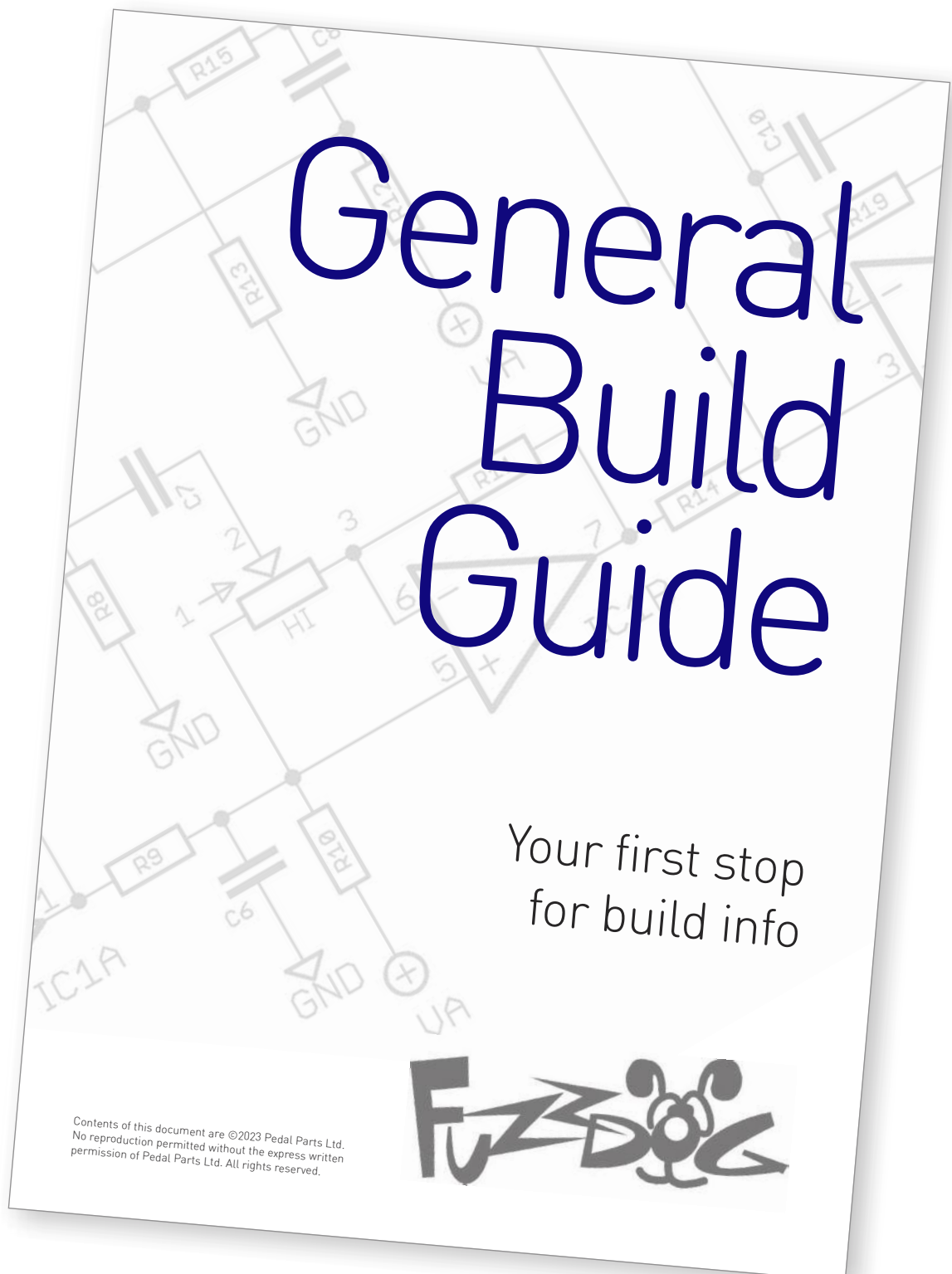
# disASS-KRACKle

Two fun fuzzes in one

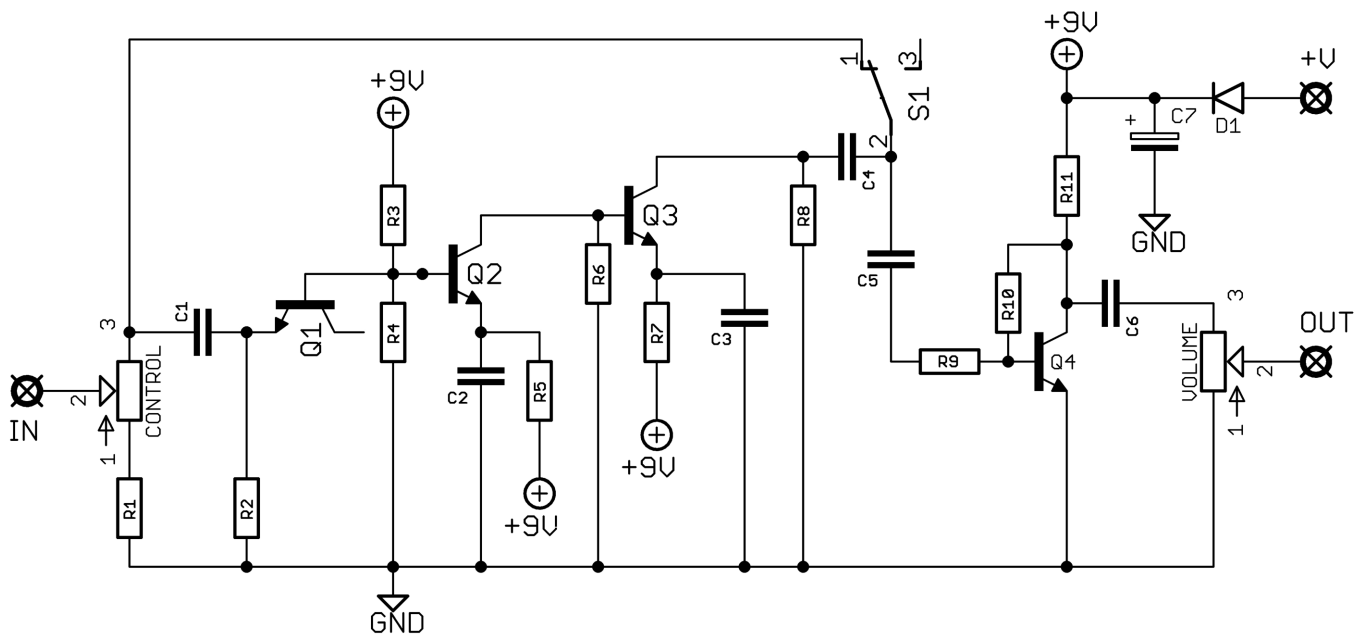


Before you dig in, ensure you download and read the **General Build Guide**.

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



# Schematic + BOM



R1	10K*
R2	3M3
R3	3M3
R4	10M
R5	3M3
R6	3M3
R7	3M3
R8	3M3
R9	220K
R10	2M2
R11	10K

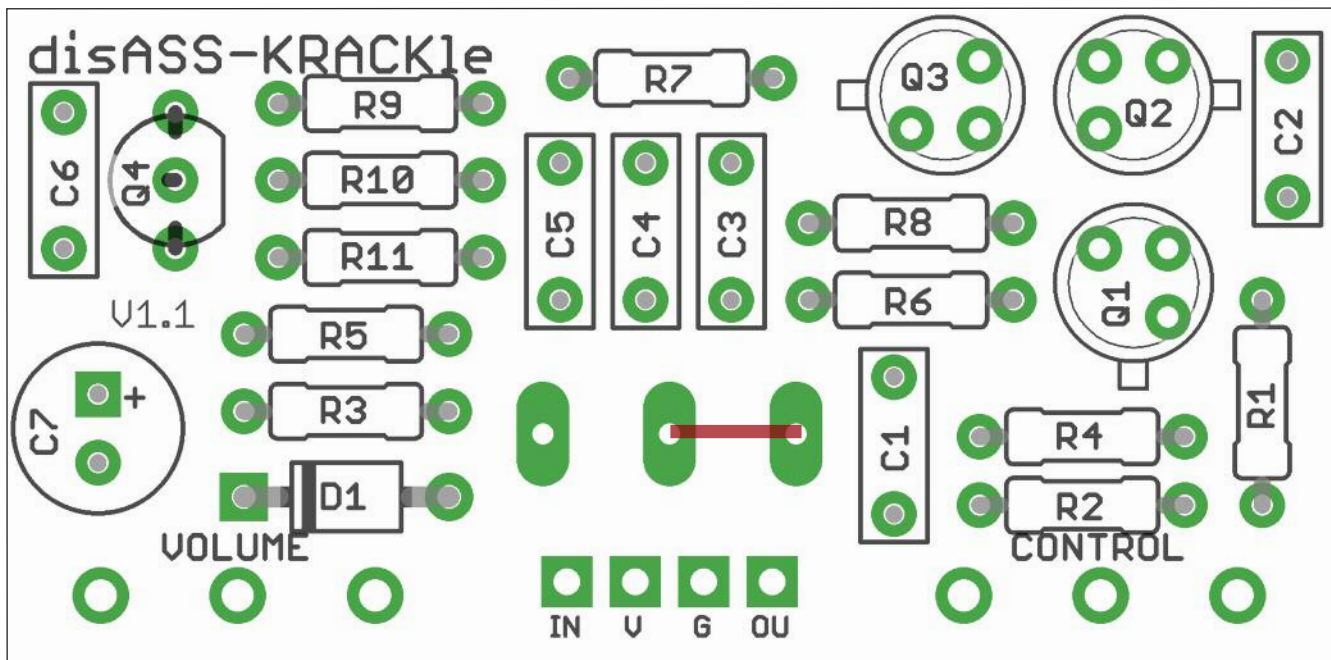
C1	10n
C2	22n
C3	22n
C4	10n
C5	10n
C6	10n
C7	100u elec

D1	1N5817
Q1	2N2222A**
Q2	2N2907
Q3	2N2907
Q4	MPSA18
CONT	100KB
VOL	100KA
S1	SPDT ON-ON***

\*Original is 1K but you lose signal altogether near the bottom of the Control sweep. 10K is better.

\*\*Requires a small hack, but we hate waste so we're sticking with these boards. See next page.

\*\*\*Optional. Include if you want both circuits, omit and add appropriate jumper if you only want one or the other.



Snap the small metal tag off the pots so they can be mounted flush in the box.

You should solder all other board-mounted components before you solder the pots.

Once they're in place you'll have no access to much of the board.

### Only one version? Leave out S1...

If you want the fairly 'normal' Krackle just leave out S1. No jumpers required.

For the spluttery bundle of fun that is the Disaster add a jumper as shown in red.

### Both at the flick of a switch...

Include S1. Once boxed up you'll have the Krackle with switch left, Disaster with it to the right.

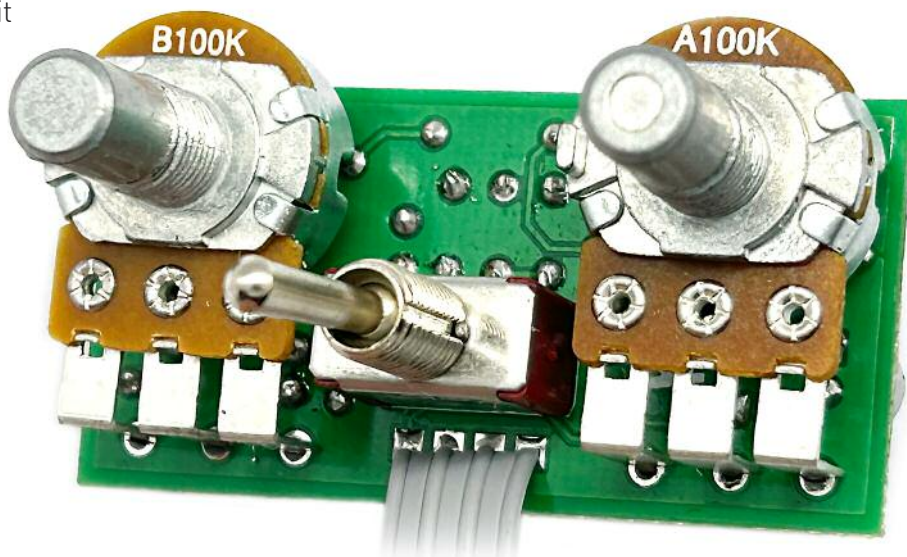
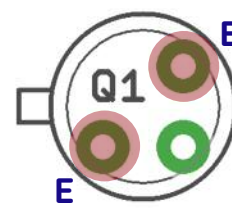
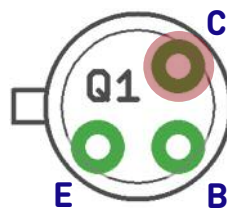
### Q1 hack

Sorry. We had the collector instead of base of Q1 connected to the base of Q2 instead. Simple enough to rectify.

Just cut the collector pin from your 2N2222 and put the base leg into the collector pad on the PCB. You don't HAVE to cut the collector off, but it keeps it out of harm's way.

Cut this leg off the transistor

Put emitter and base legs in these pads.



# Drilling template

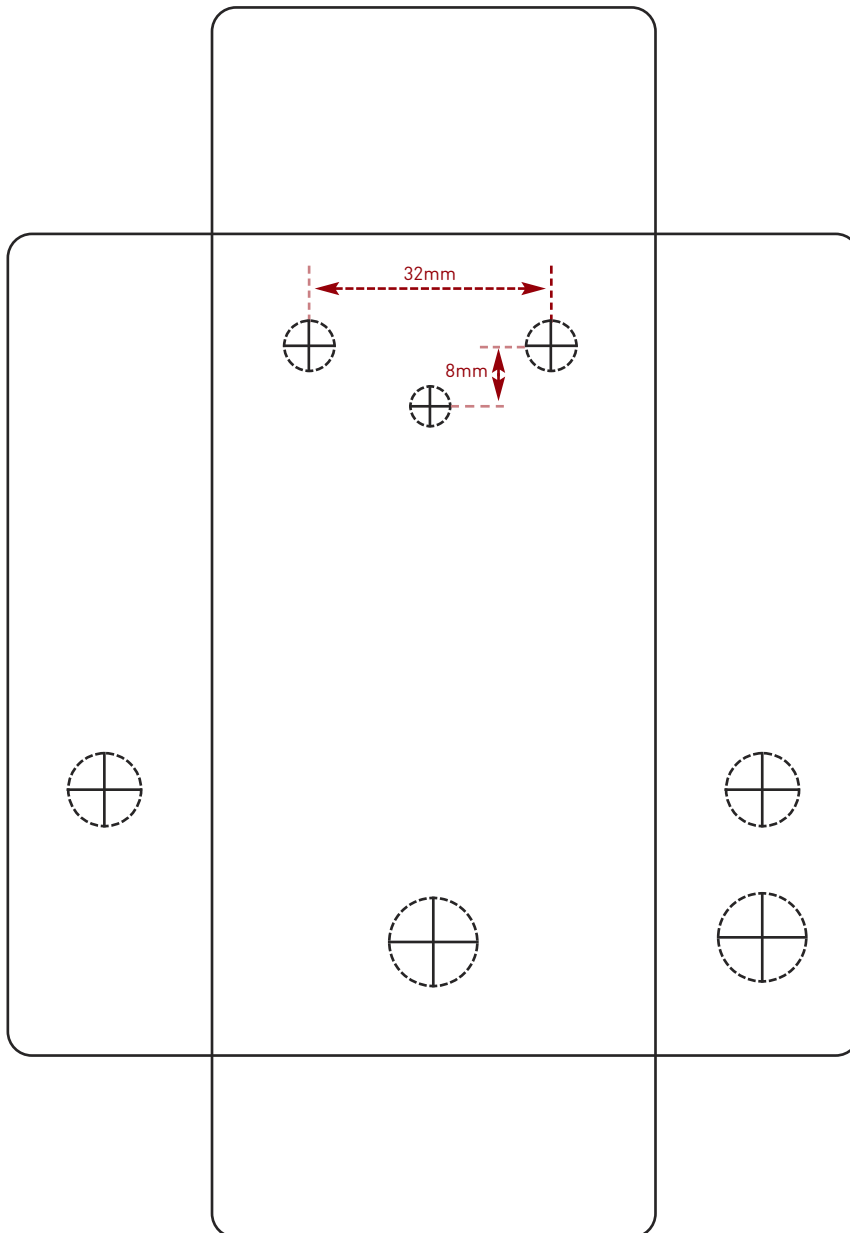
**Hammond 1590B - 60 x 111 x 31mm**

Drill sizes listed are minimum.

It's a good idea to add 1mm to anything mounted on the PCB that'll poke through the front of the enclosure.

Drill sizes:

Pots	7mm
Jacks	10mm
Footswitch	12mm
DC Socket	12mm
Toggle switches	6mm
Rotary switches	10mm



This template is a rough guide only. You should ensure correct marking of your enclosure before drilling. You use this template at your own risk.

Pedal Parts Ltd can accept no responsibility for incorrect drilling of enclosures.

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