

Hype Fuzz V2

Multiple crazy fuzzes

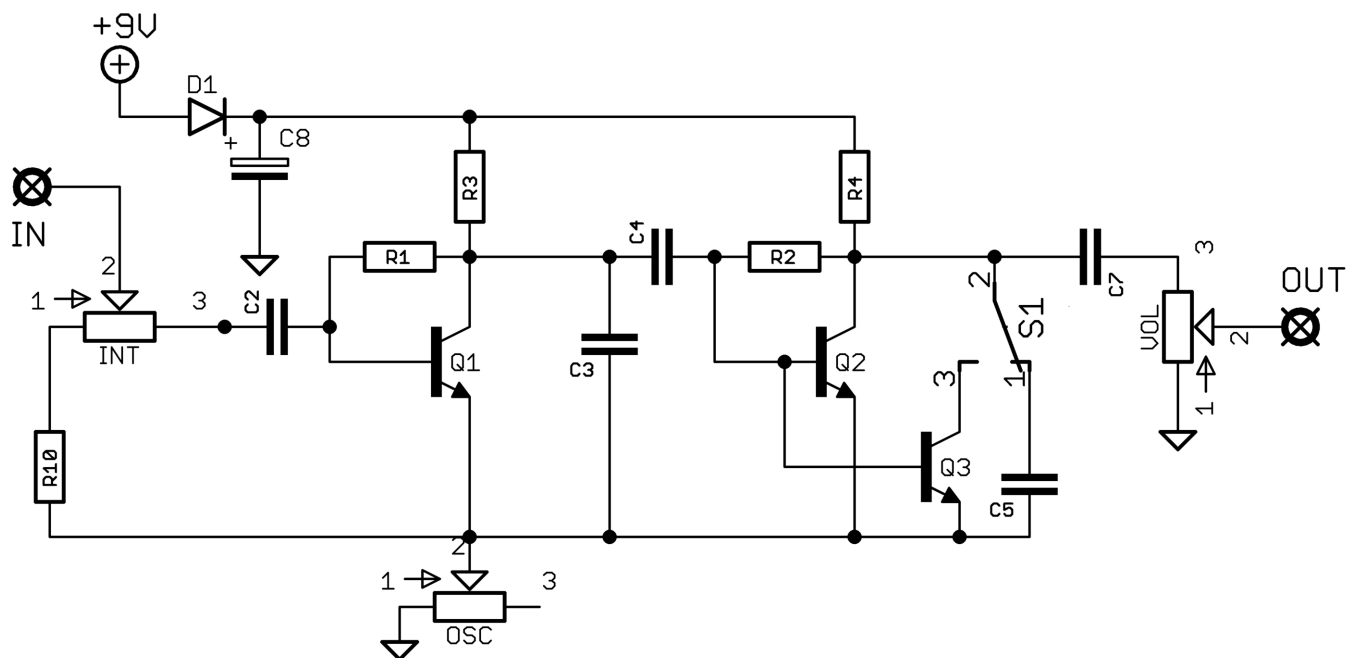


Before you dig in, ensure you download and read the **General Build Guide**.

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



Schematic + BOM



R1 2M2

R2 2M2

R3 10K

R4 10K

R10 1K

Jumpers are required on S1 and OSC if you aren't including them. See page 5.

The BOM shows the standard HYPE DRIVE fuzz.
Jumper required on S1 - see page 5.

C2 100n

C3 100n

C4 100n

C5 Empty (100n)*

C7 100n

C8 100u elec

You can also make a Destructor Drive or Destructor bass:

Destructor

Omit Q3**, S1 empty - no jumper

Destructor Bass

Include C5*, Omit Q3**, S1 empty - jumper (page 5).

D1 1N5817

Oscillation fun

***Adding the OSC pot lifts the fuzz circuit from ground, causing all kinds of chaotic wibbling. Fully CCW you will have normal grounding. The original uses a 100KB pot for this but it's only useful in the first part of the turn.

Q1 MPSA18

Q2 MPSA18

Q3 2N2907A (Empty)**

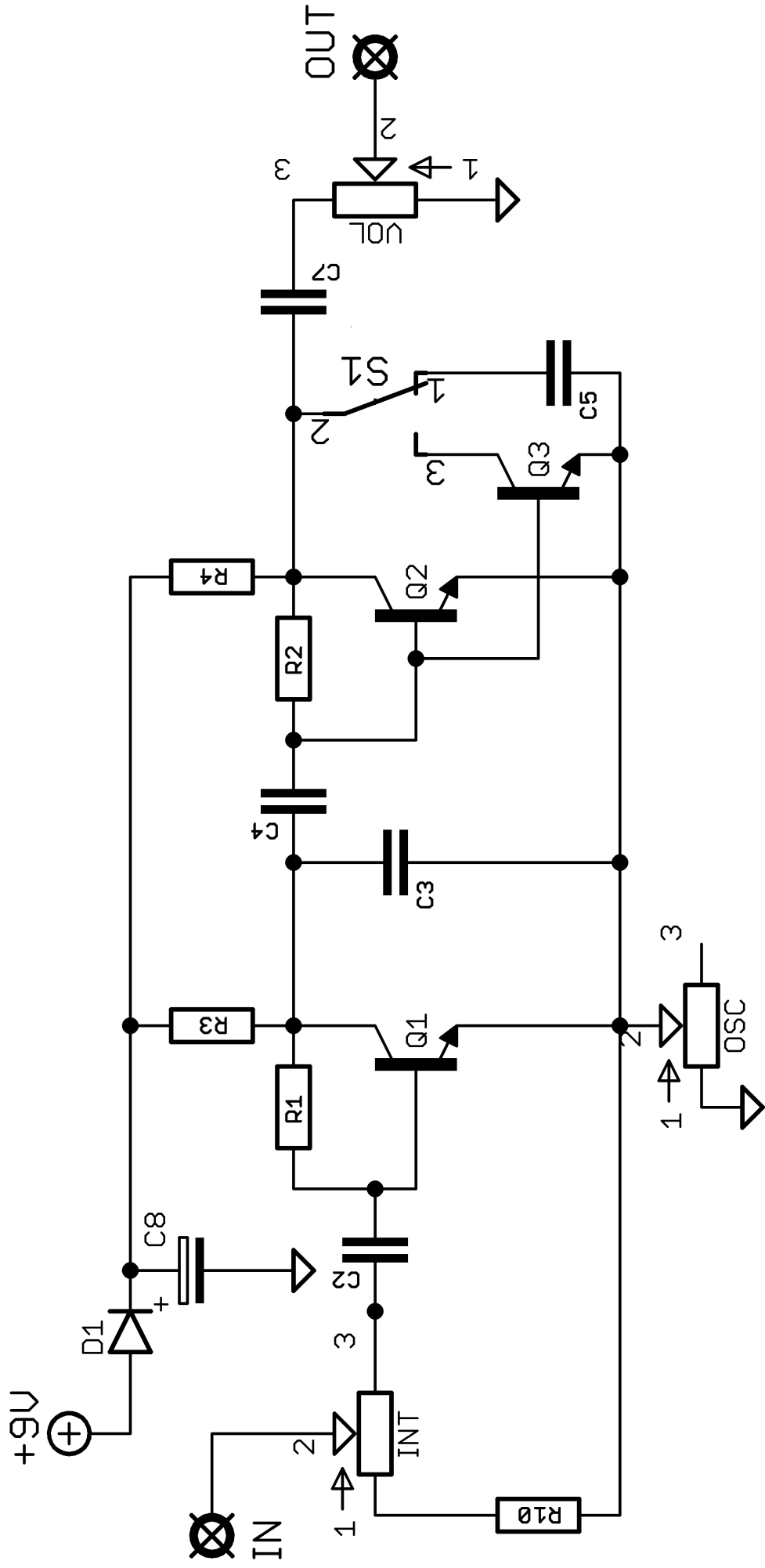
INT 100KB

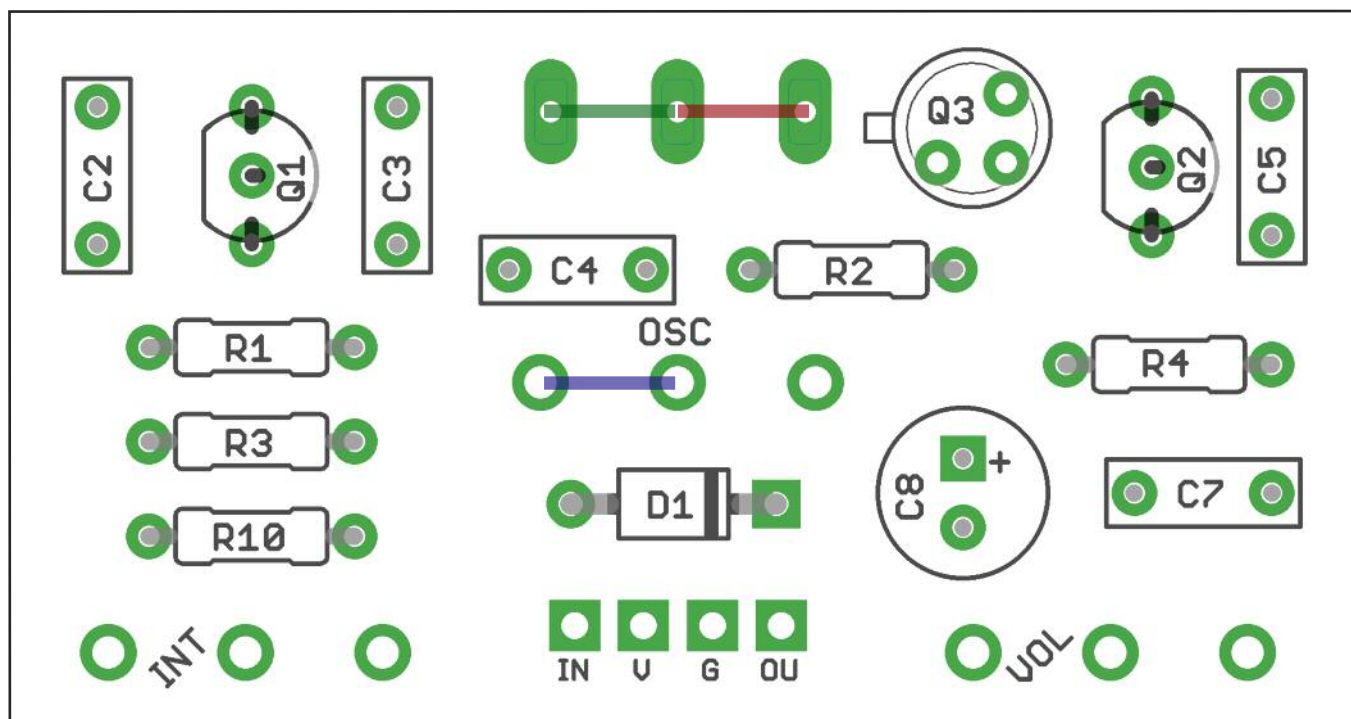
VOL 100KA

OSC 10KA***

MESS THINGS UP WITH COMBO BUILDS...

See page 6.





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.

No Oscillation Pot

Jumper OSC as shown in blue.

Single circuit build jumpers:

Hype Drive

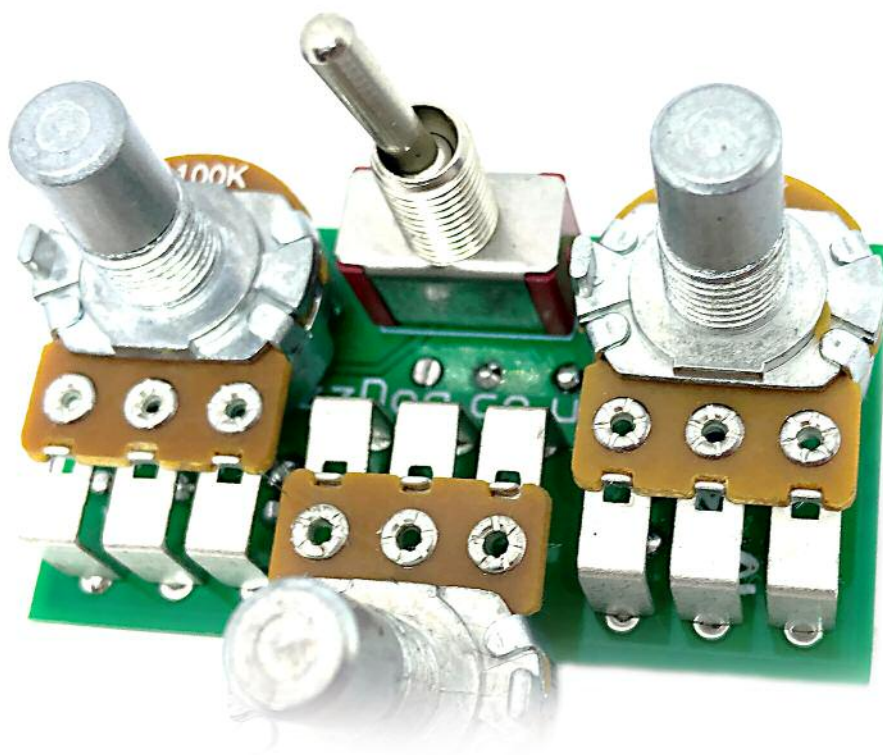
Jumper S1 as shown above in red.

Destruct Bass

Jumper S1 as shown above in green.

Destruct

No jumper required.



COMBOS

We've made it really simply to build a combination of any two or even all three of the circuits with a single toggle switch.

Destructor / Hype

Omit C5, use an ON-ON toggle switch.

Left = Destruct, right = Hype

Destructor / Destructor bass

Include C5, omit Q3, use an ON-ON toggle switch.

Left = Destruct Bass, right = Destruct

Destructor Bass / Hype

Include C5 and Q3, use an ON-ON toggle switch.

Left = Destruct Bass, right = Hype

Destructor Bass / Destructor / Hype

Include C5 and Q3, use an ON-OFF-ON toggle switch.

Left = Destruct Bass, centre = Destruct, right = Hype

Drilling template

Hammond 1590B

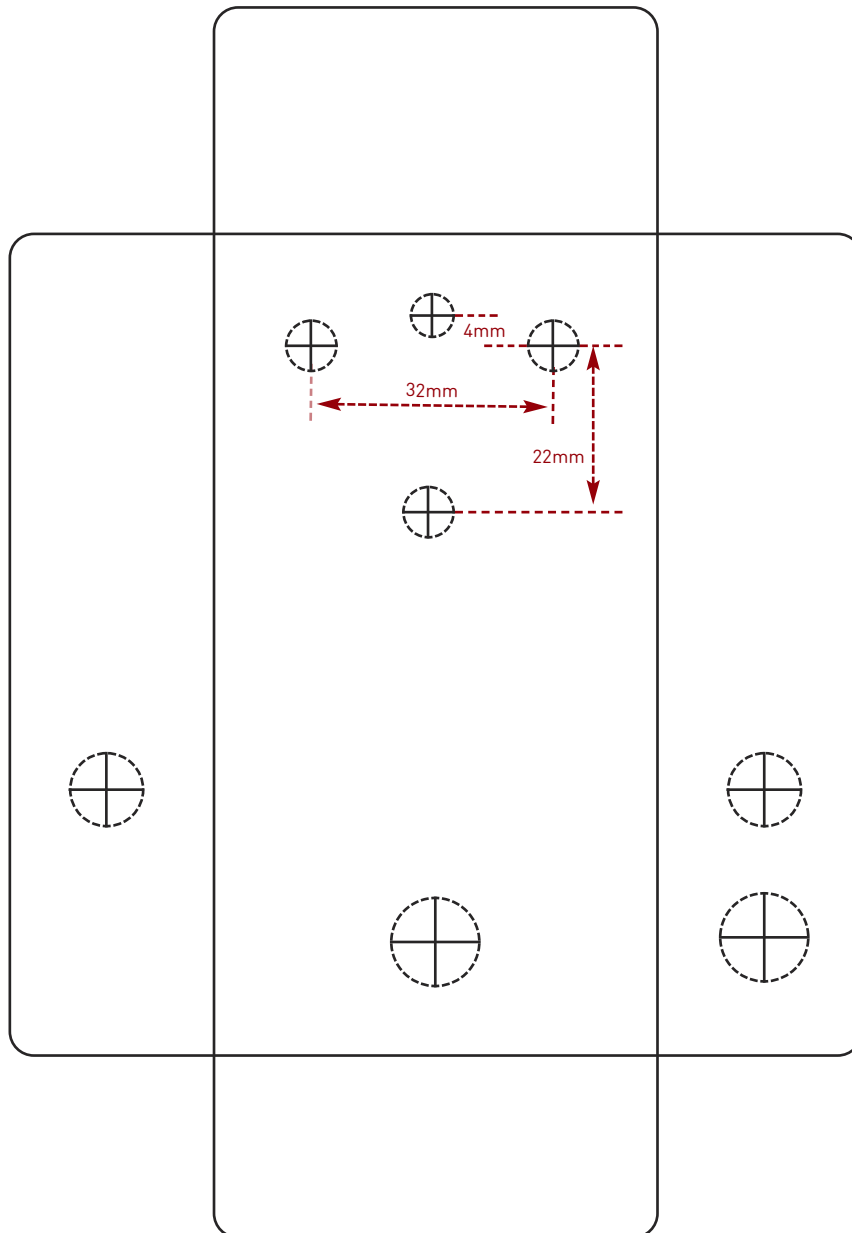
60 x 111 x 31mm

It's a good idea to drill the pot and toggle switch holes 1mm bigger if you're board-mounting them.

Wiggle room = good!

Recommended drill sizes:

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



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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