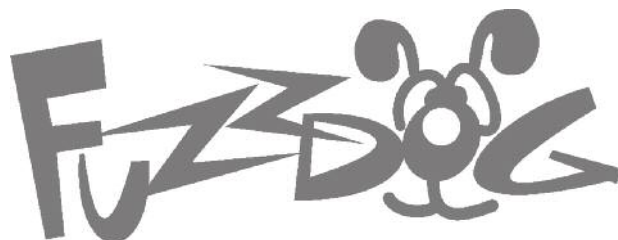


Mini Bad Mofo

Awesomely versatile bass overdrive preamp with blend

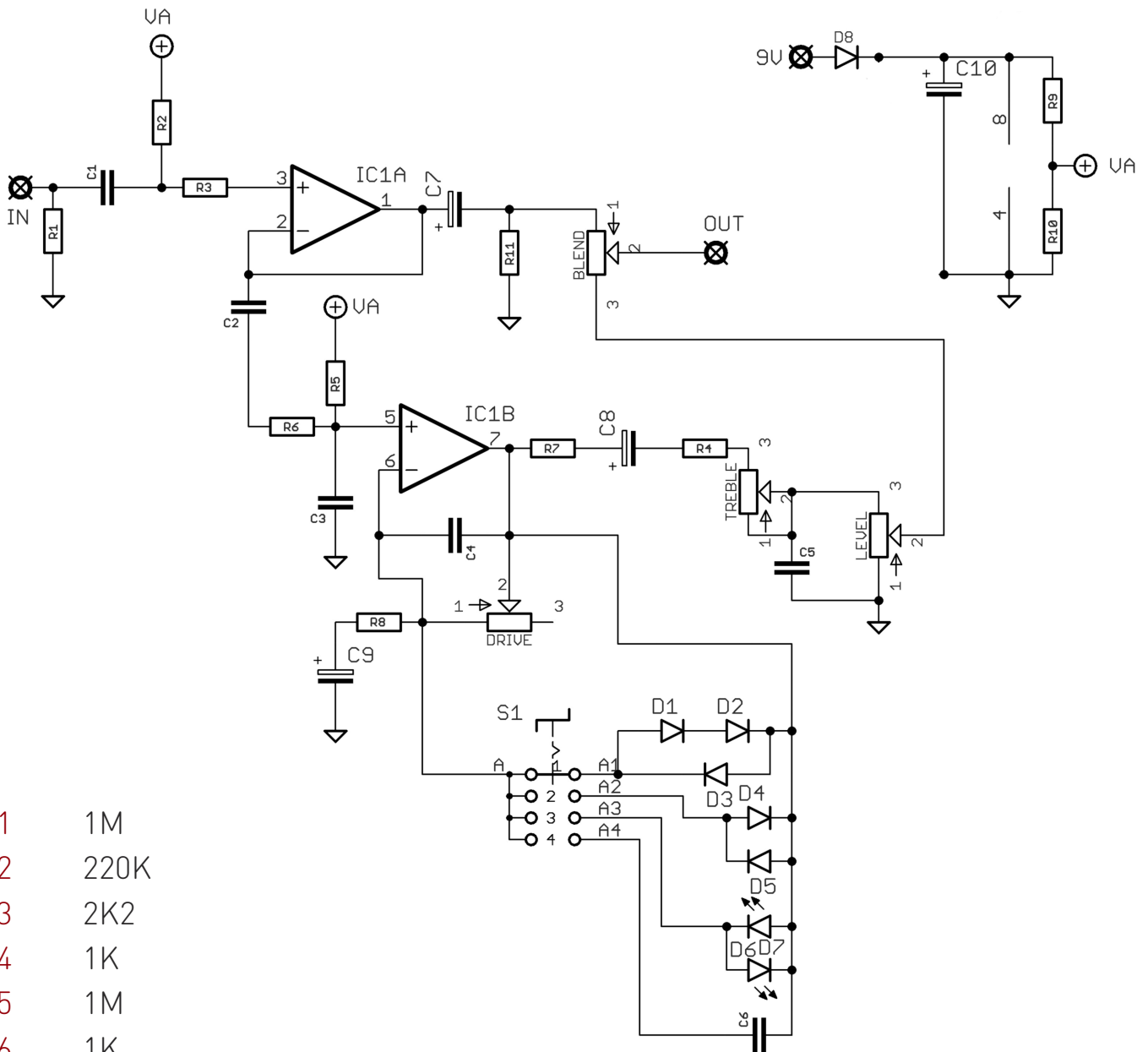


Before you dig in, ensure you download and read the **General Build Guide**.

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



Schematic + BOM



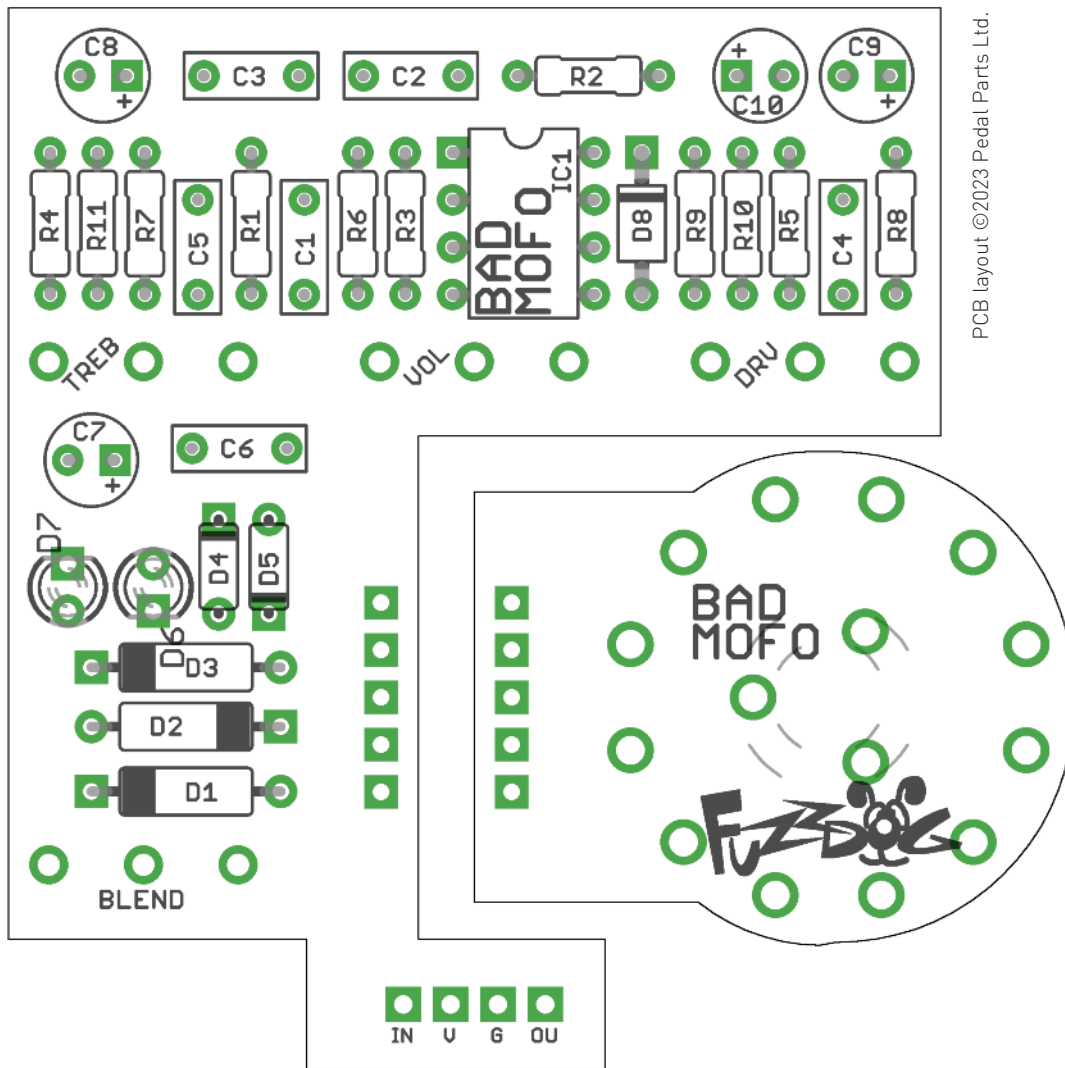
R1	1M
R2	220K
R3	2K2
R4	1K
R5	1M
R6	1K
R7	1K
R8	470R
R9	100K
R10	100K
R11	100K

C1	100n
C2	220n
C3	2n2
C4	470p
C5	10n
C6	470p
C7	10u elec
C8	10u elec
C9	10u elec
C10	47u elec

IC1	JRC4562*
D1-3	Germanium
D4-5	1N4148
D6-7	3mm Red LED
D8	1N5817

*Now obsolete. Other dual op amps will work - 4559 sounds identical

DRIVE	100KB
LEVEL	100KA
TREBLE	100KB
BLEND	100KB
SWITCH	3P4T rotary



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.

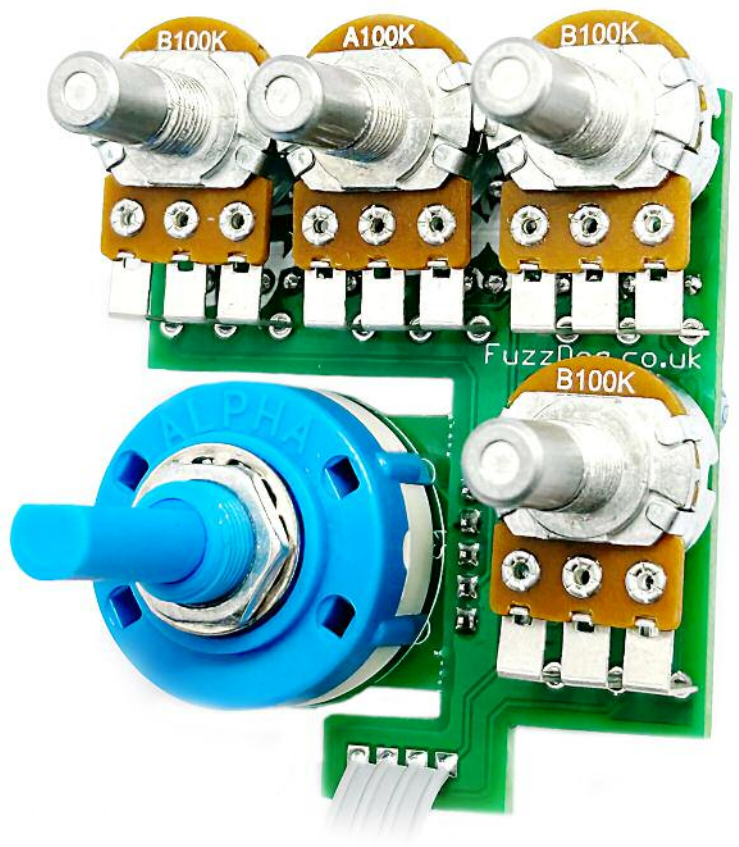
Align the switch so the round locator tab on the top side is in the same position as the marking on the board >>>



You'll have to snap this off to mount the switch flush in the enclosure.

The board set has been designed to join together with header pins. If you fully insert these so the plastic spacer is flush against both boards, the pots should align nicely with the rotary switch.

You can use wires to connect the corresponding pads if you prefer, though there's no advantage to this unless you want your rotary in a different position.



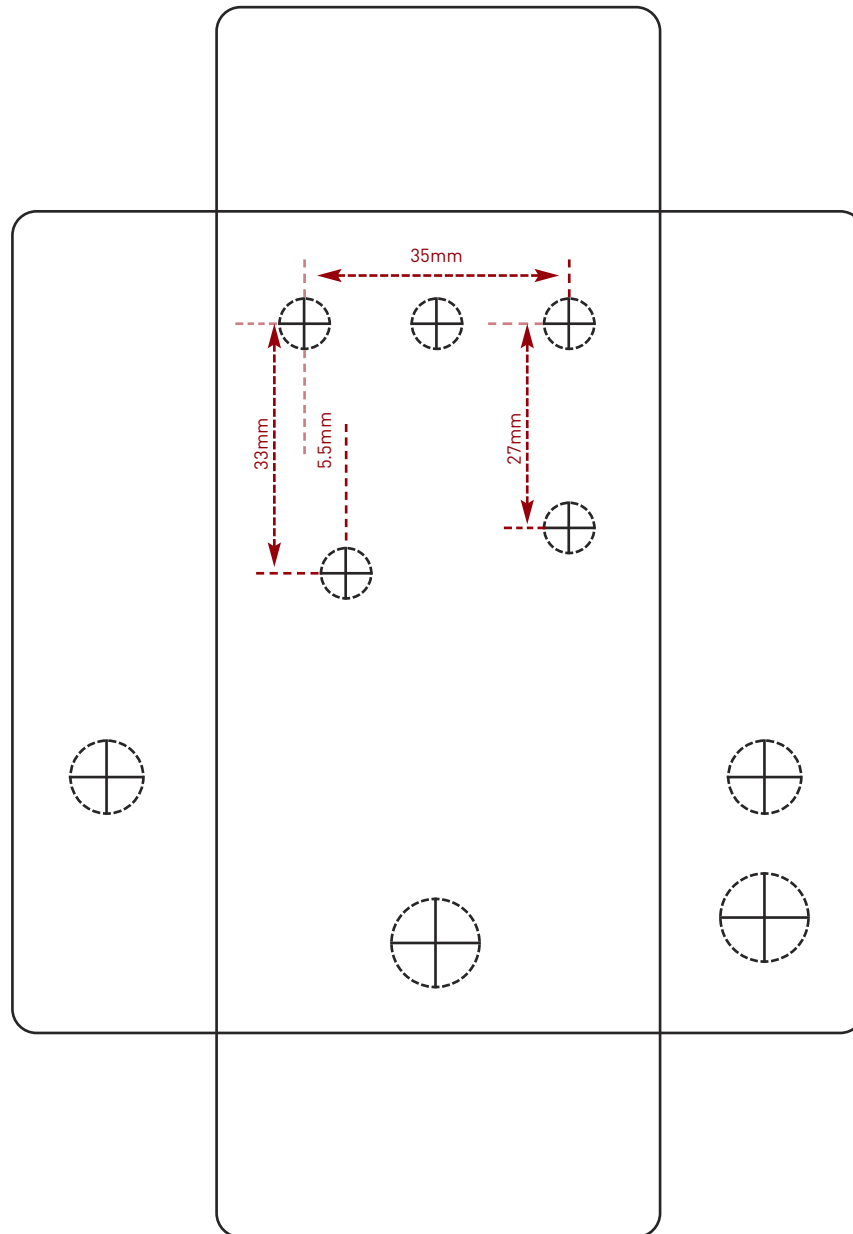
Drilling template

Hammond 1590B
60 x 111 x 31mm

Recommended drill sizes:

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

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



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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