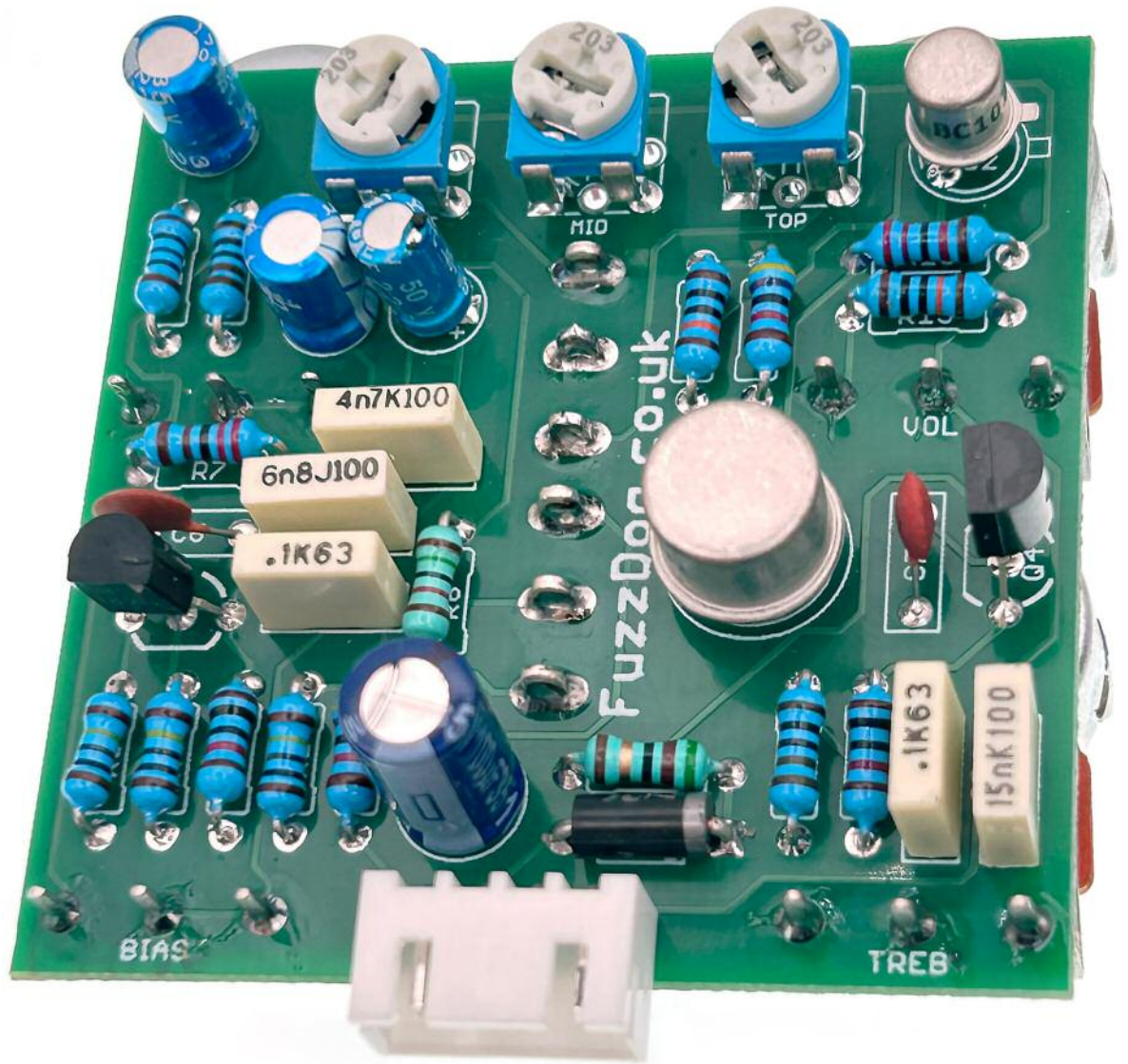




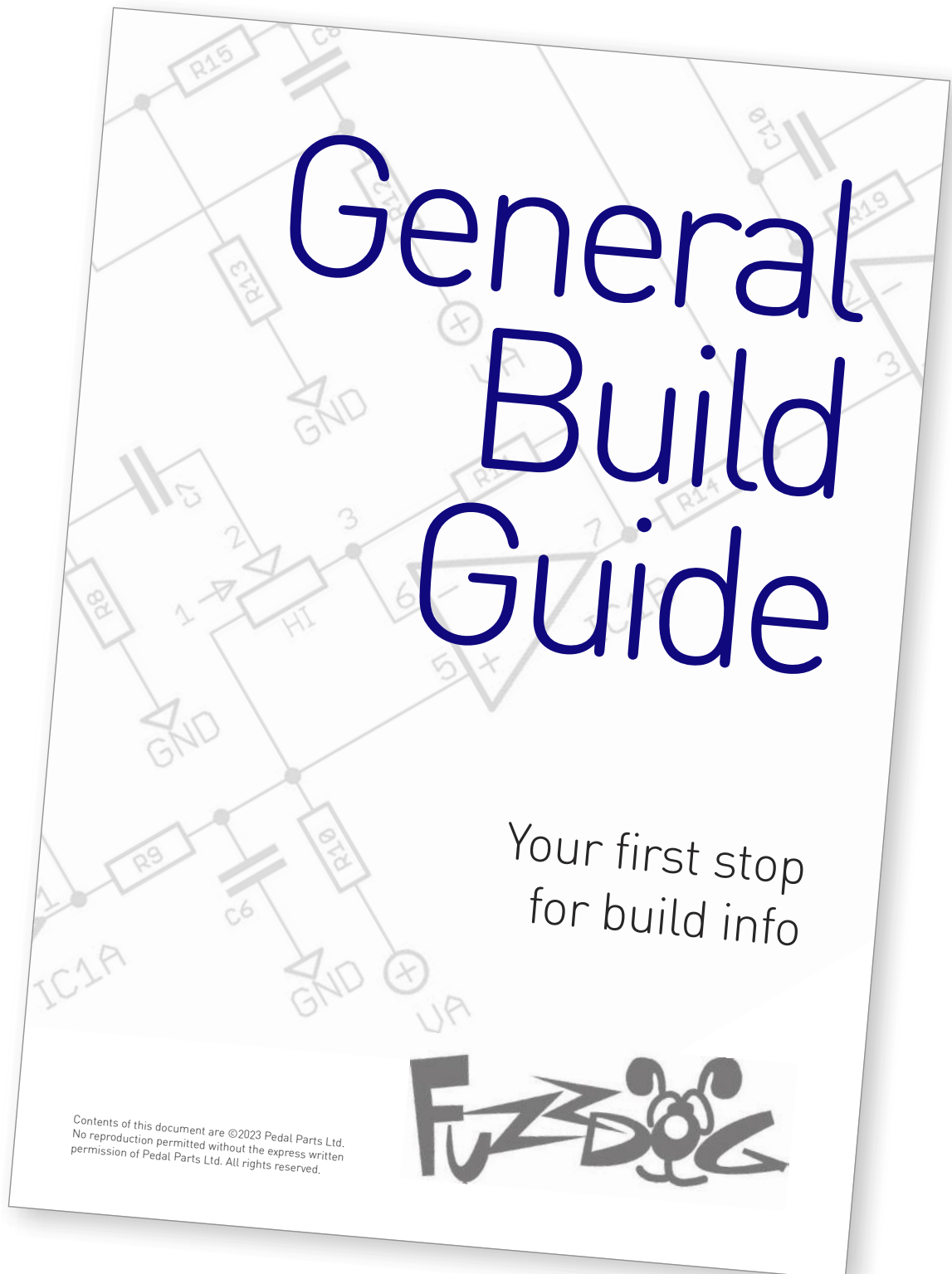
Sand of God

An altogether unholy
amount of grit

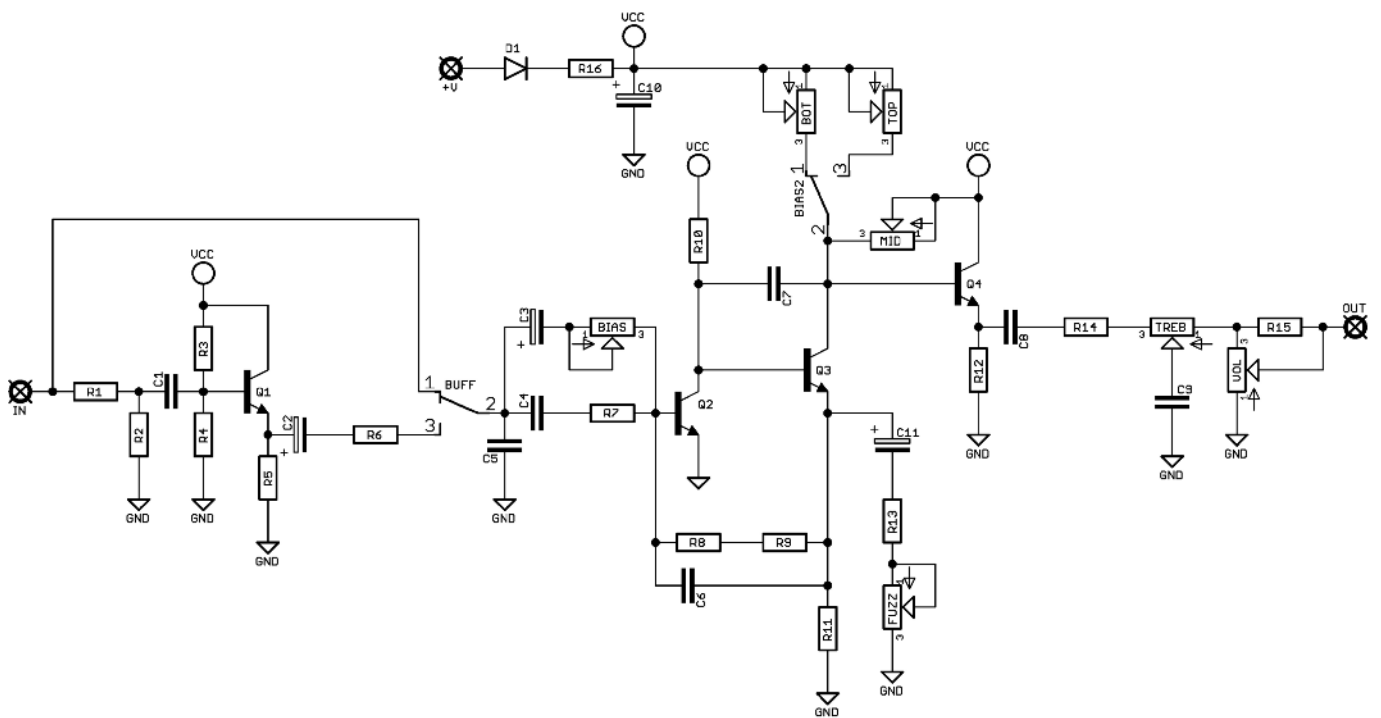


Before you dig in, ensure you download and read the **General Build Guide**.

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

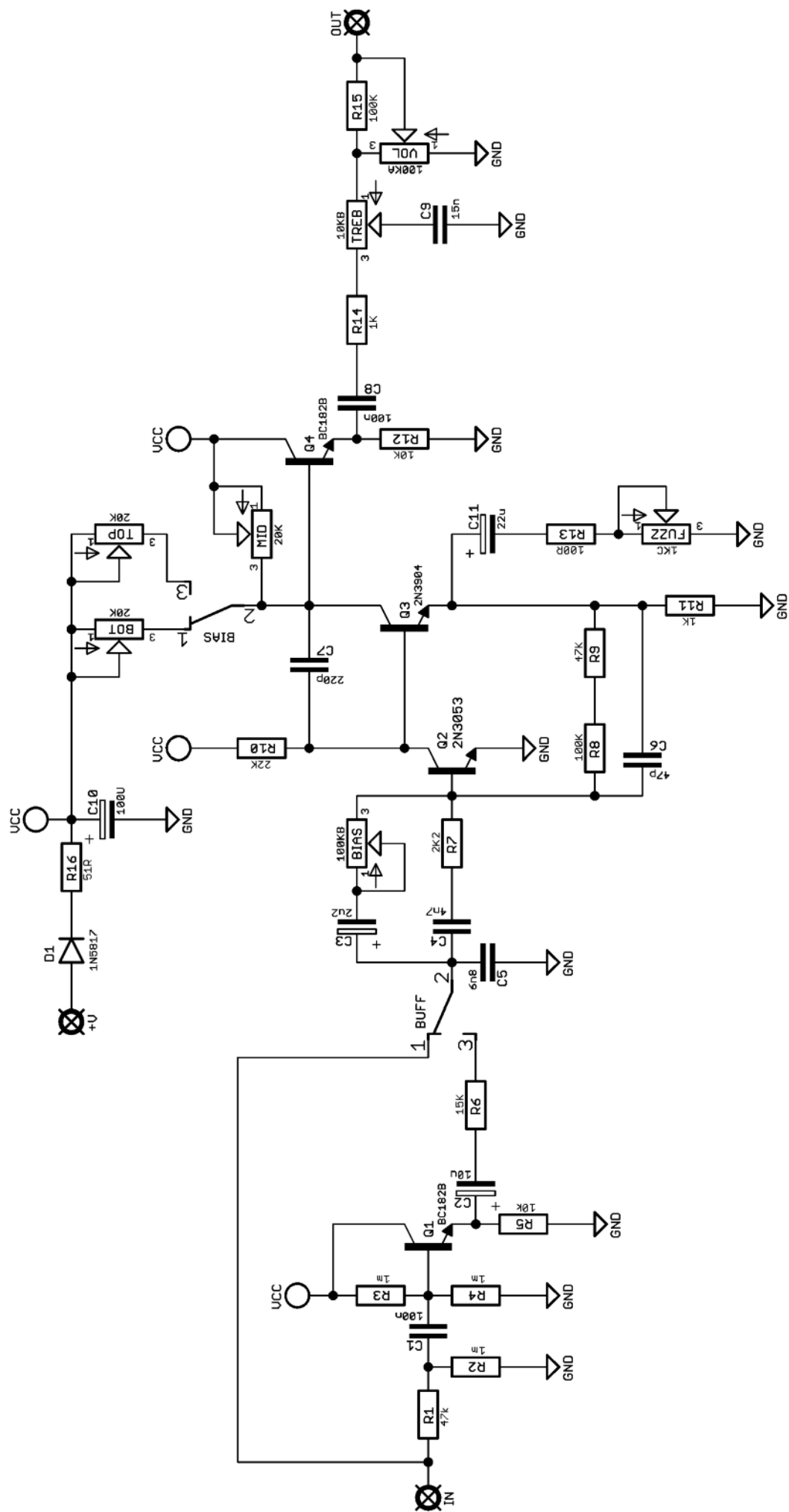


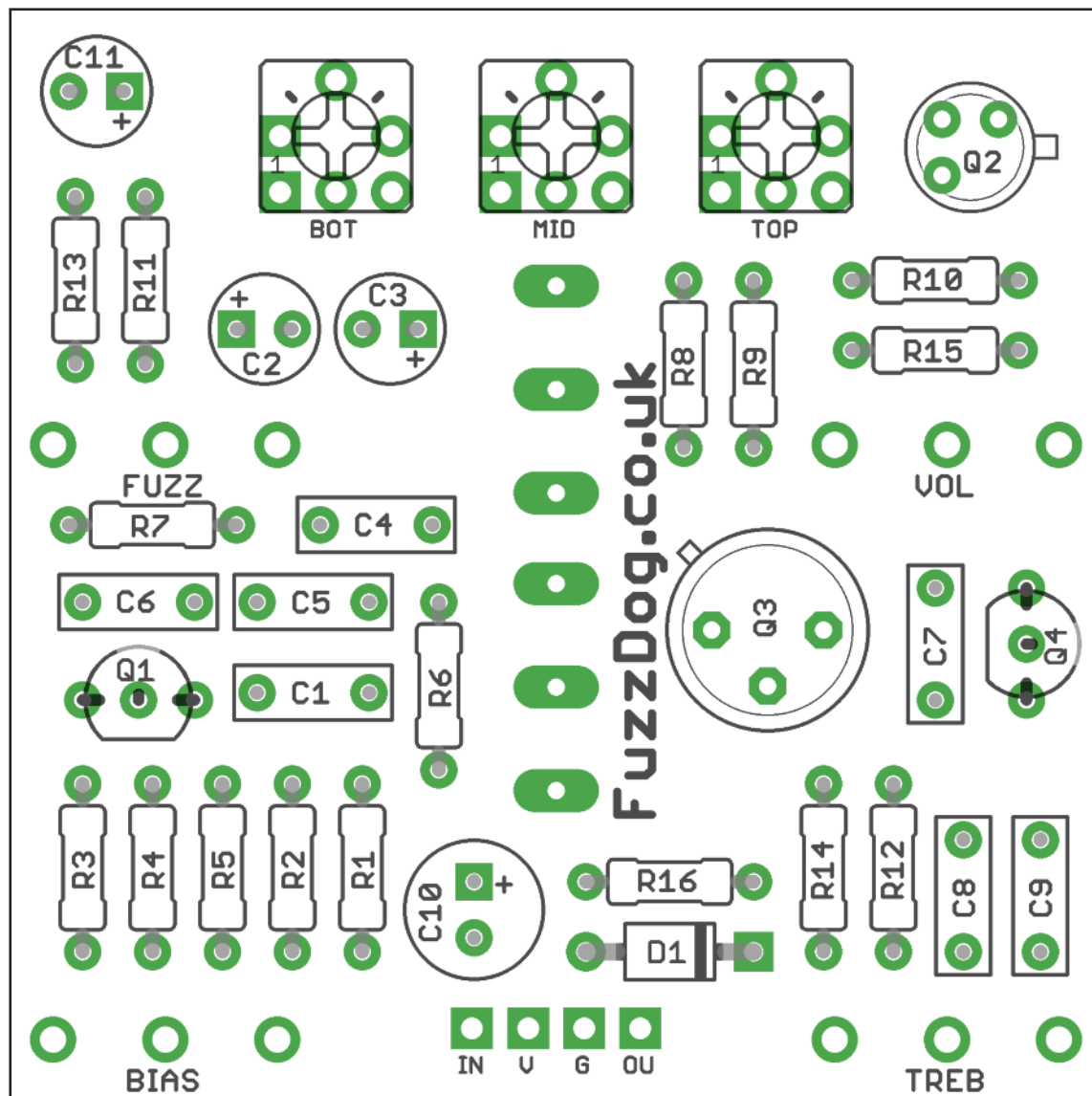
Schematic + BOM



R1	47K	C1	100n	D1	1N5817
R2	1M	C2	10u elec	Q1	BC182B
R3	1M	C3	2u2 elec	Q2	BC107A
R4	1M	C4	4n7	Q3	2N3053
R5	10K	C5	6n8	Q4	BC182B
R6	15K	C6	47p	BASS*	100KB
R7	2K2	C7	220p	FUZZ	1KC
R8	100K	C8	100n	TREB	10KB
R9	47K	C9	15n	VOL	100KA
R10	22K	C10	100u elec	S-BIAS	SPDT ON-OFF-ON
R11	1K	C11	22u elec	S-BUFF	SPDT ON-ON
R12	10K	BOT	20K Trimmer		
R13	100R	MID	20K Trimmer		
R14	1K	TOP	20K Trimmer		
R15	100K				
R16	51R				

*Mislabelled BIAS on PCB





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

TRIMMERS / TOGGLES

Top toggle is your BIAS settings. Tweak your trimmers with your meter measuring the voltage on the centre lug of the BIAS switch.

Switch in centre position:

Adjust MID for 2.1V

Switch down:

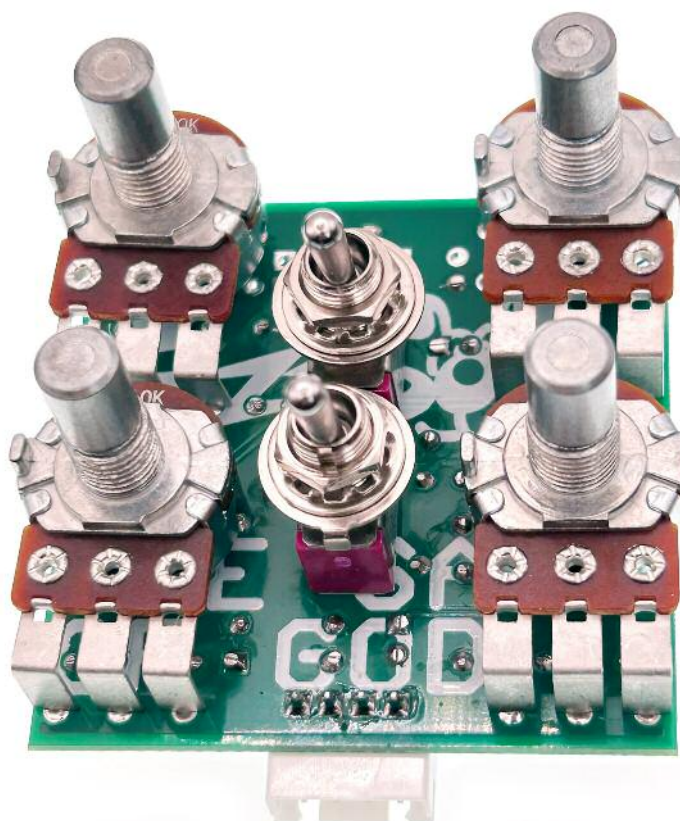
Adjust BOT for 4.2V

Switch up:

Adjust TOP for 5.8V

Buffer switch:

UP = buffer on, DOWN = bypassed



Drilling template

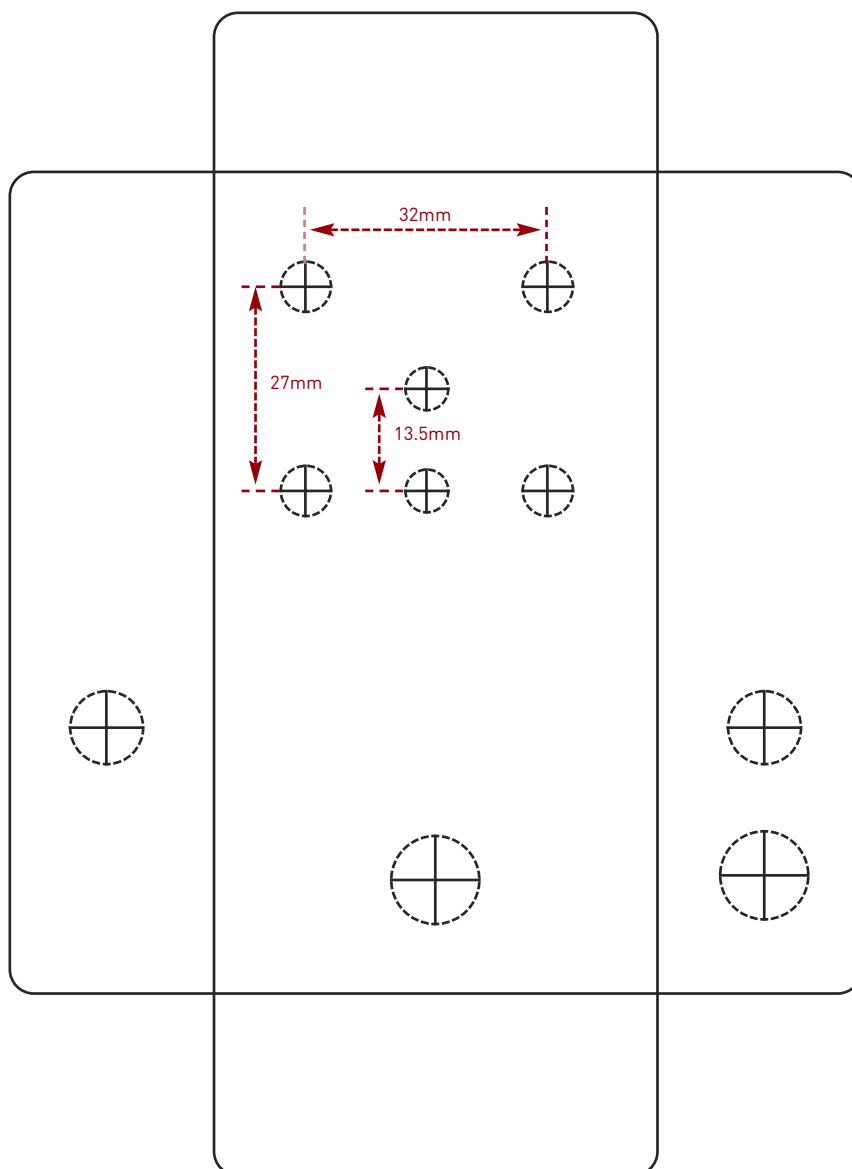
Hammond 1590B - 60 x 111 x 31mm

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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