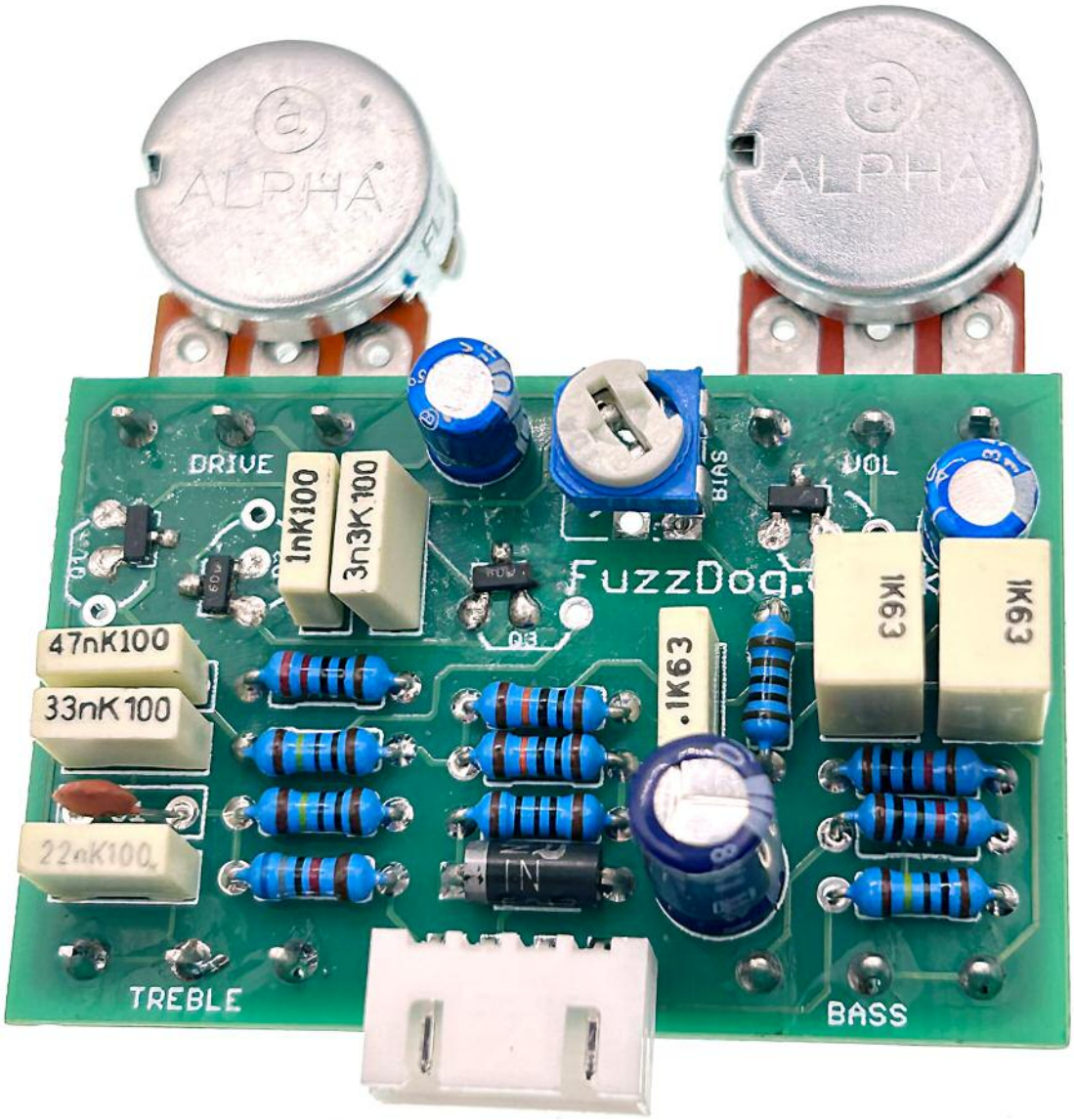


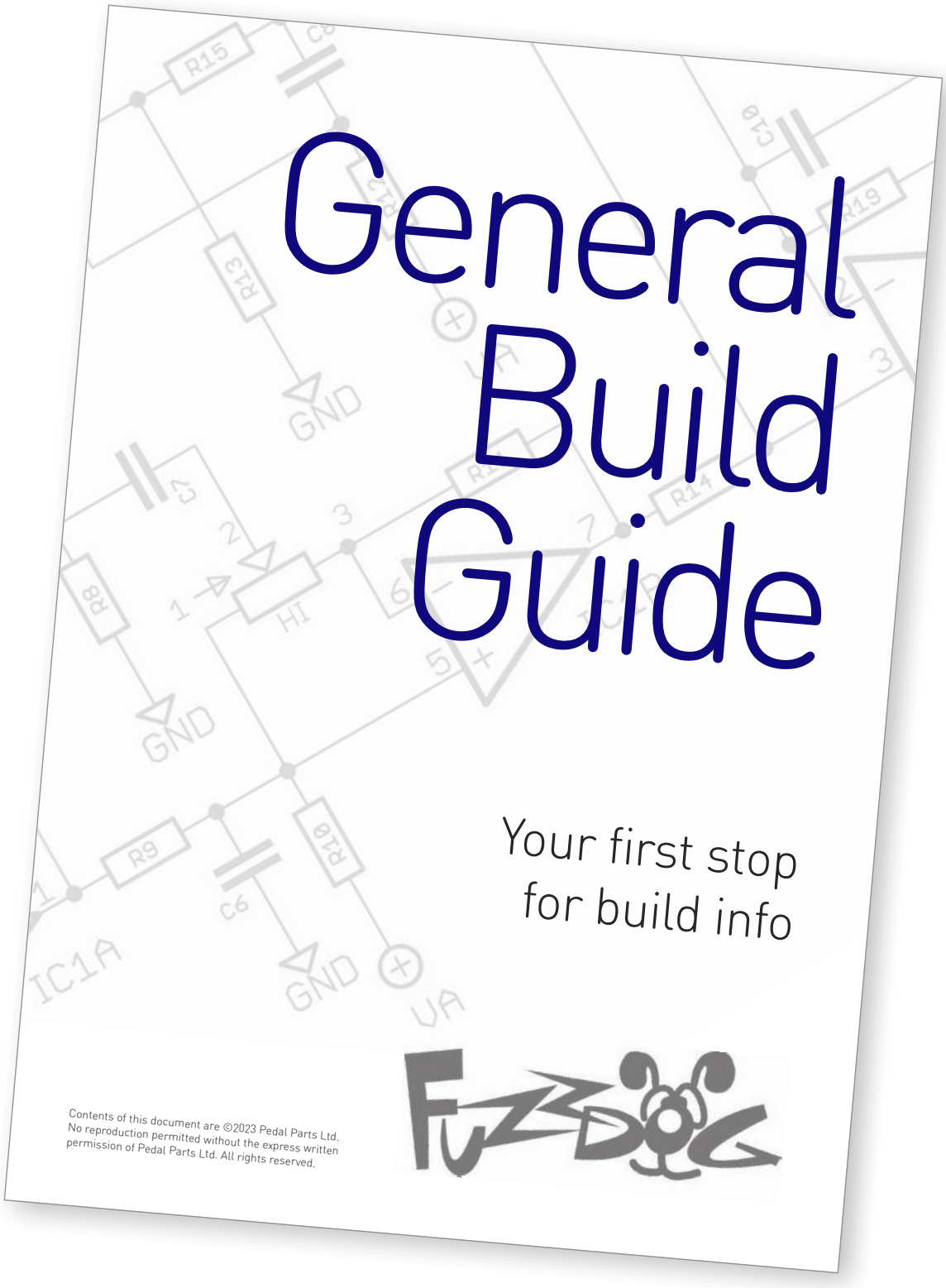
Fat BOO!

Class A oomph to pump that tone

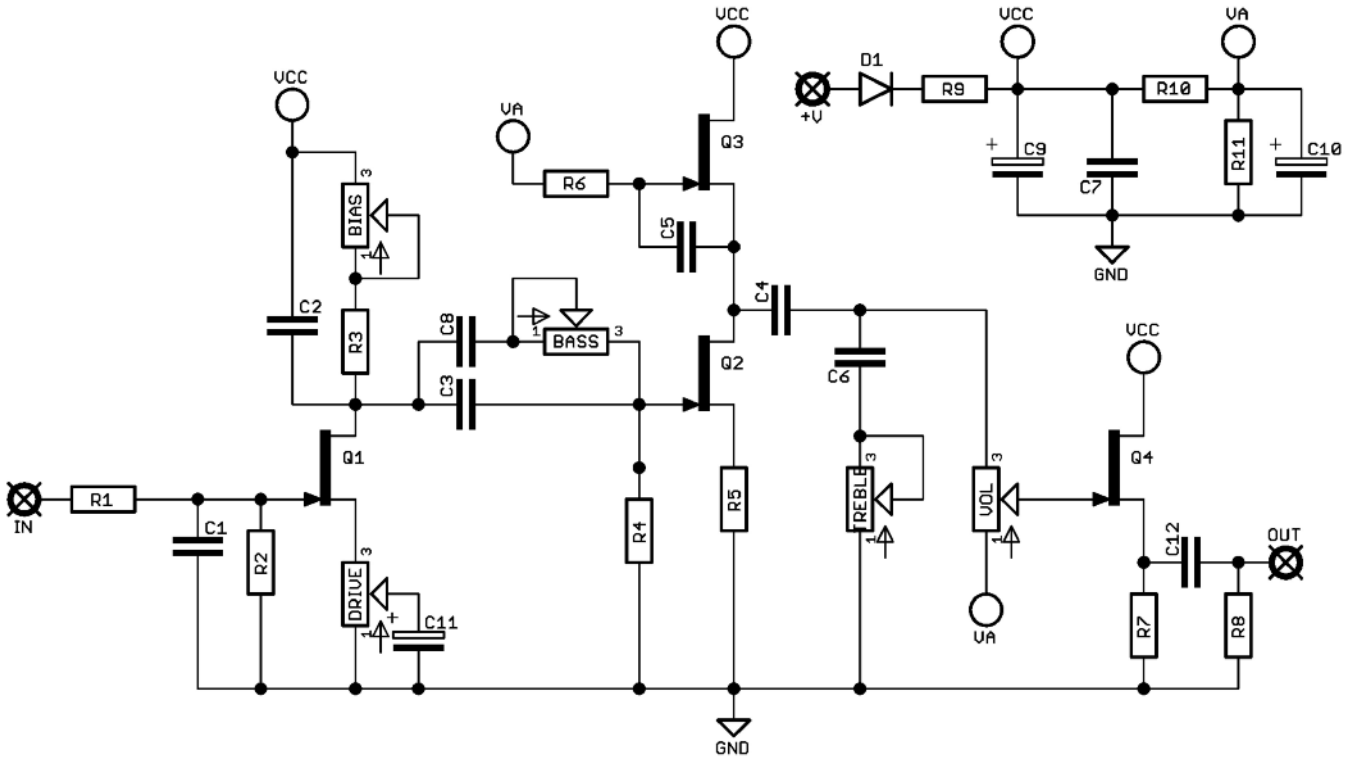
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Before you dig in, ensure you download and read the **General Build Guide**.

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

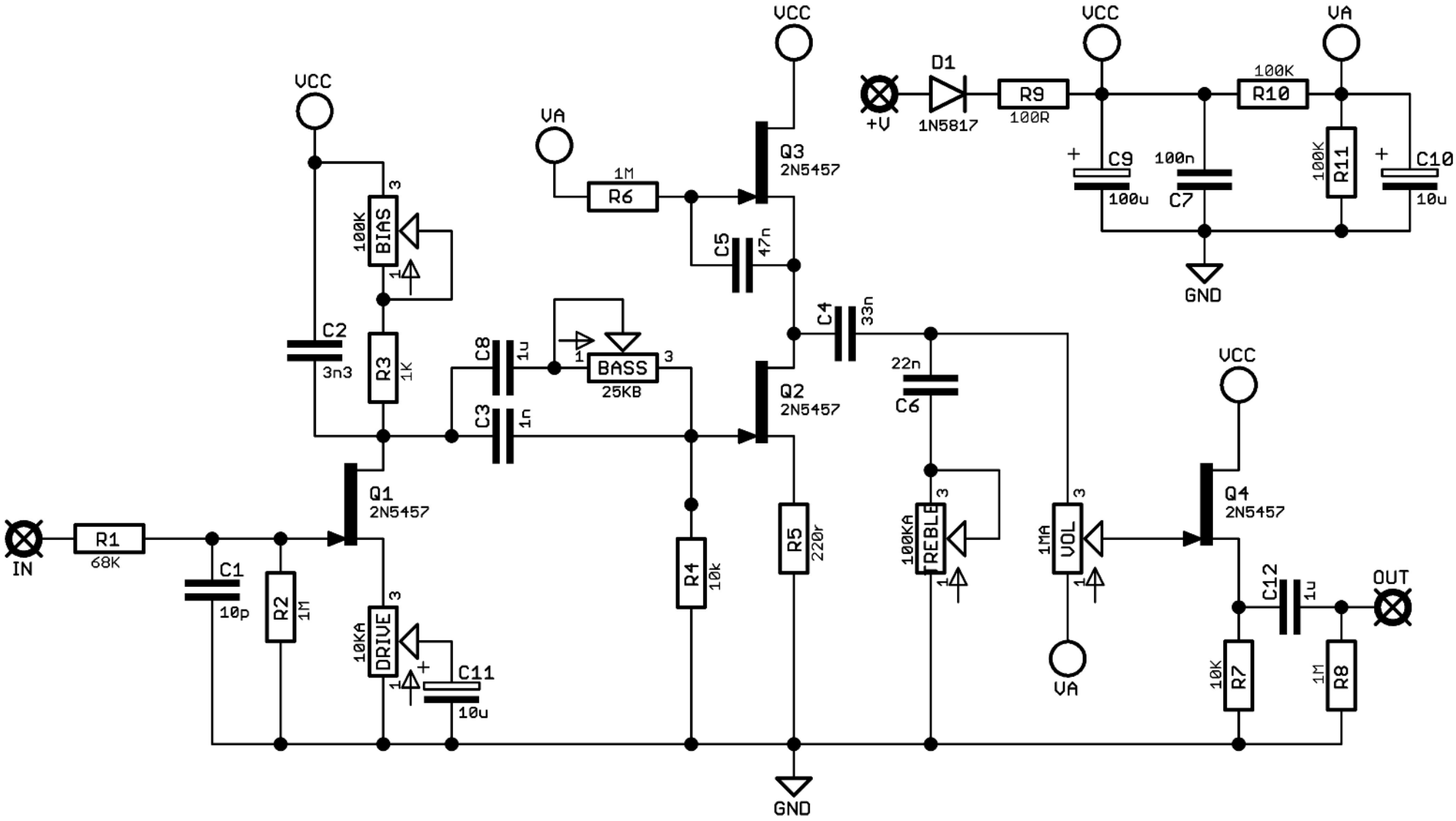


Schematic + BOM

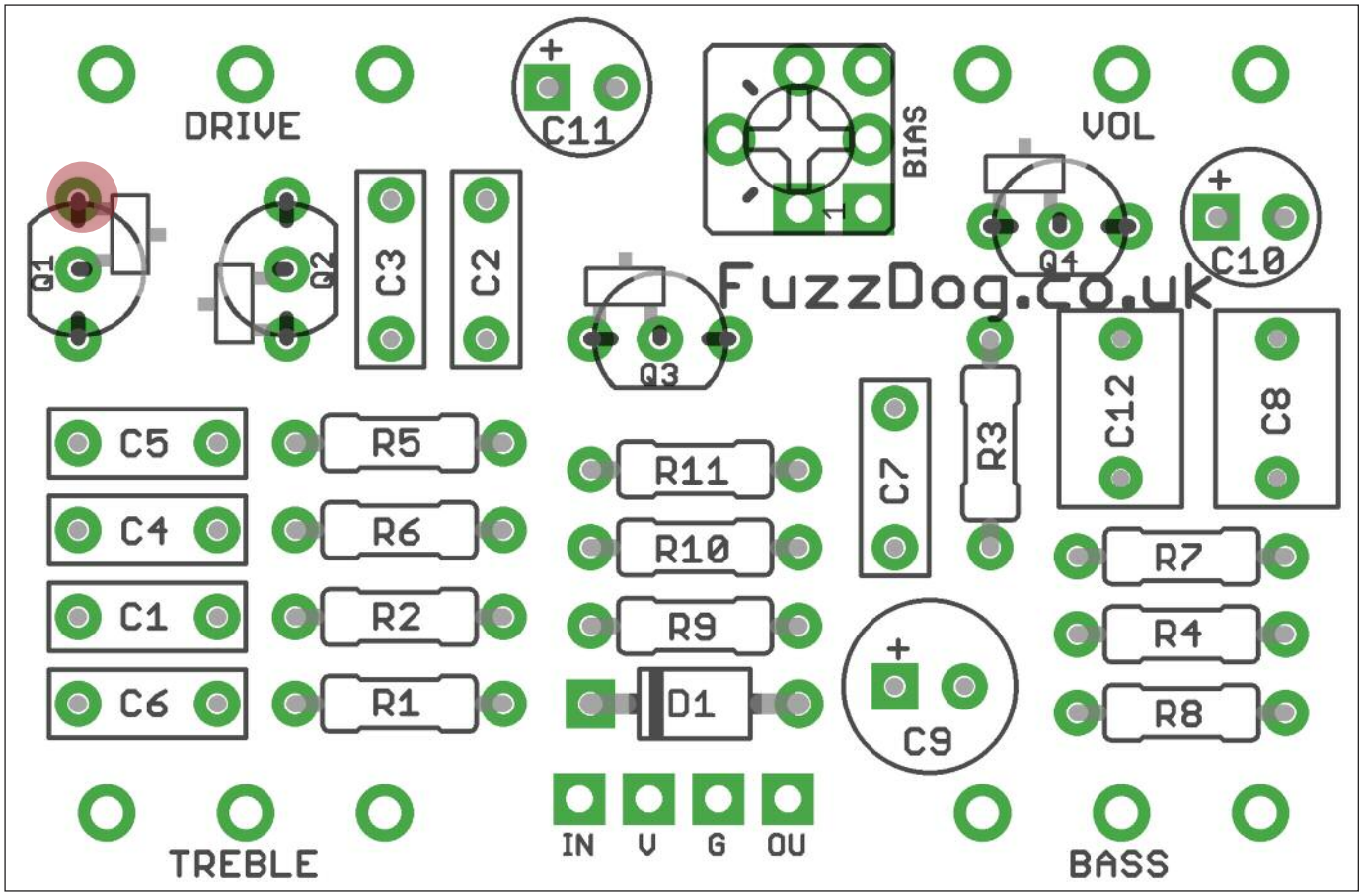


R1	68K	C1	10p	Q1-4	2N5457
R2	1M	C2	3n3		/MMBF5457
R3	100R	C3	1n	D1	1N5817
R4	10K	C4	33n		
R5	220R	C5	47n	BASS	25KB
R6	1M	C6	22n	DRIVE	10KA*
R7	10K	C7	100n	TREB	100KA
R8	1M	C8	1u	VOL	1MA
R9	100R	C9	100u elec		
R10	100K	C10	10u elec	BIAS	100K Trimmer
R11	100K	C11	10u elec		
		C12	1u		

*Linear on the original but Log is better.

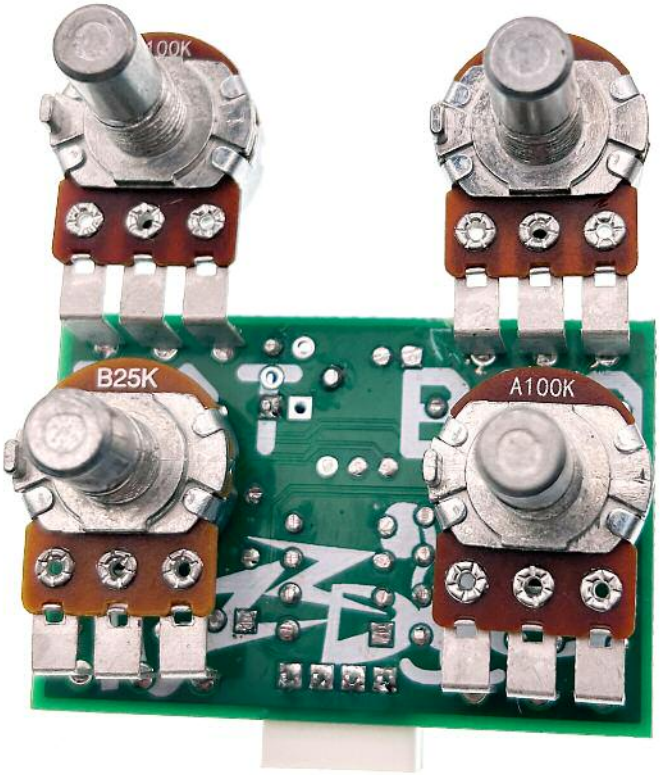

VCC
VA
+V
D1
1N5817
R9
100R
C9
100u
C7
100n
R10
100K
R11
100K
C10
10u
GND
Q3
2N5457
1M
R6
C5
47n
C4
33n
22n
C6
C8
1u
BASS
25KB
C3
1n
Q2
2N5457
BIAS
100K
C2
3n3
R3
1K
Q1
2N5457
IN
R1
68K
C1
10p
R2
1M
DRIVE
10KA
C11
10u
R4
10k
R5
220r
TREBLE
100KA
VOL
1MA
Q4
2N5457
C12
1u
OUT
10K
R7
1M
R8

PCB layout ©2026 Pedal Parts Ltd.



BIASING

Adjust the trimmer until you get around half your supply voltage (approx 4.5V on a 9V supply) on the pin of Q1 marked. Feel free to tweak it a bit either way until you get the sound you want.



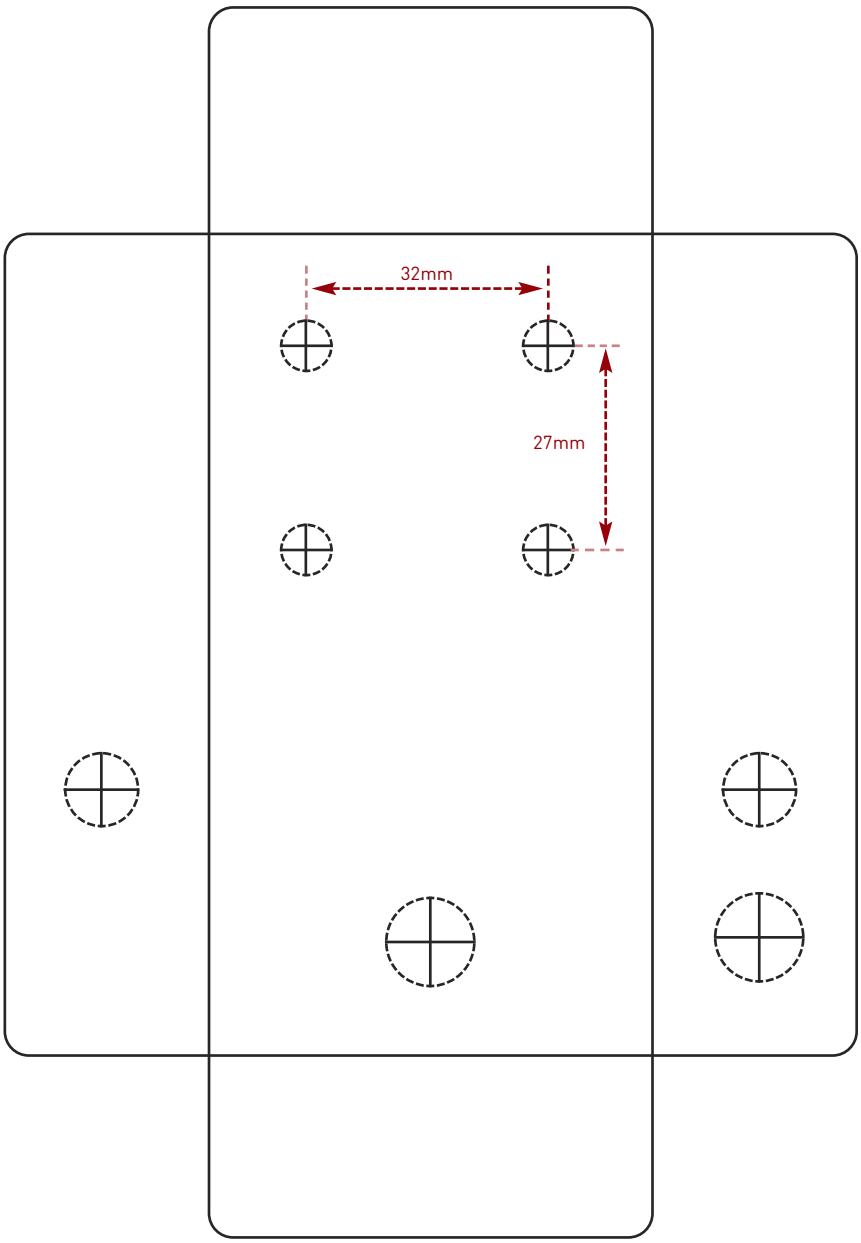
Drilling template

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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