

Blessed Digit

Medium-gain box of
bad-ass rock tones

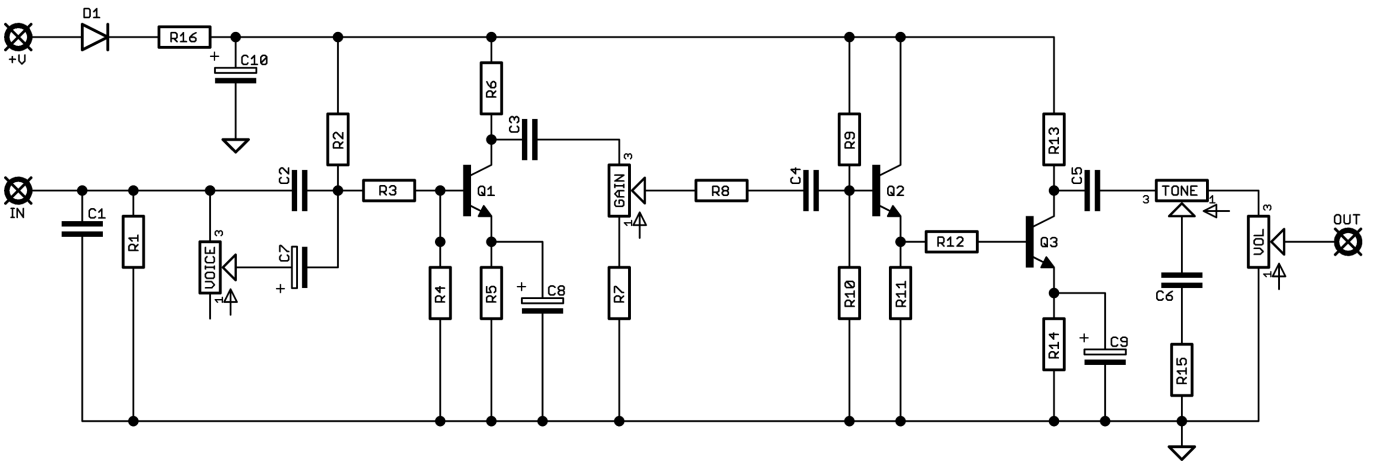


Before you dig in, ensure you download and read the **General Build Guide**.

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



Schematic + BOM



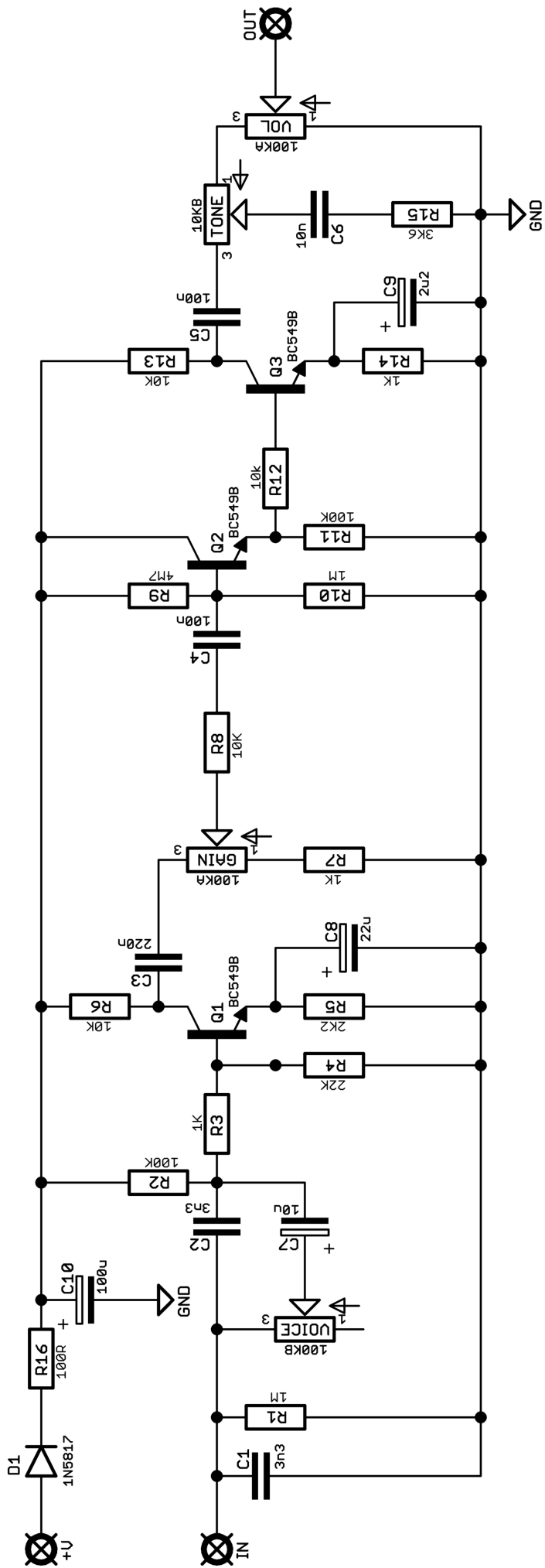
R1	1M	C1	3n3	D1	1N5817
R2	100K	C2	3n3		
R3	1K	C3	220n	Q1-3	Low gain BJT*
R4	22K	C4	100n		
R5	2K2	C5	100n	GAIN	100KB
R6	10K	C6	10n	TONE	1KC
R7	1K	C7	10u elec	VOICE	10KB**
R8	10K	C8	22u elec	VOL	100KA
R9	4M7	C9	2u2 elec		
R10	1M	C10	100u elec		
R11	100K				
R12	10K				
R13	10K				
R14	1K				
R15	3K6				
R16	100R				

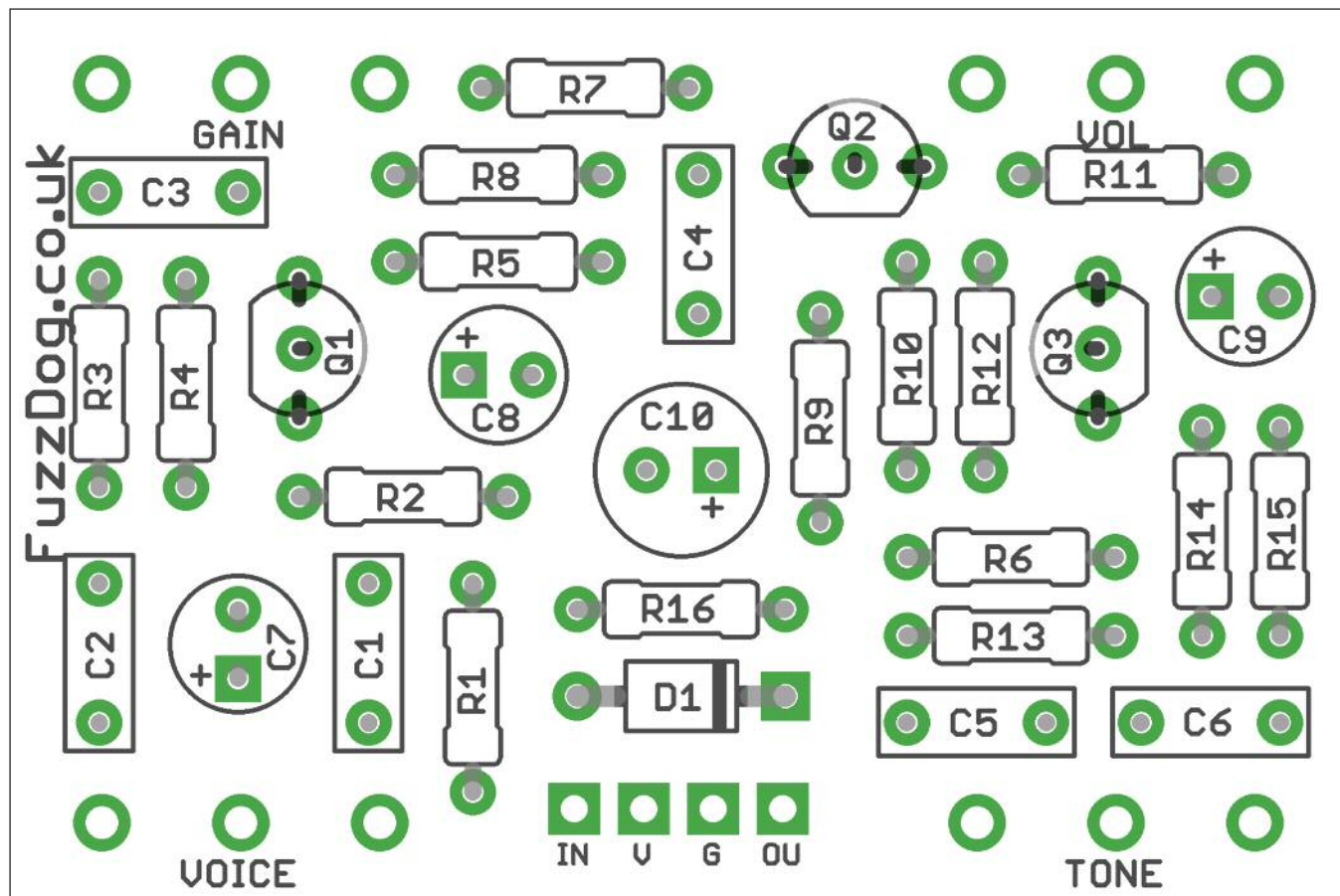
*The board has been designed for BC549B. These have

*The board has been designed for BC549B. These have the reverse pinout of 'standard' BJTs such as 2N3904, 2N5088 etc, so if you're using any of those you need to reverse them on the PCB.

****Do not connect pin 1 of VOICE to the PCB.**

Bend the leg back out of the way. It was accidentally connected to ground on the PCB.





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.



Drilling template

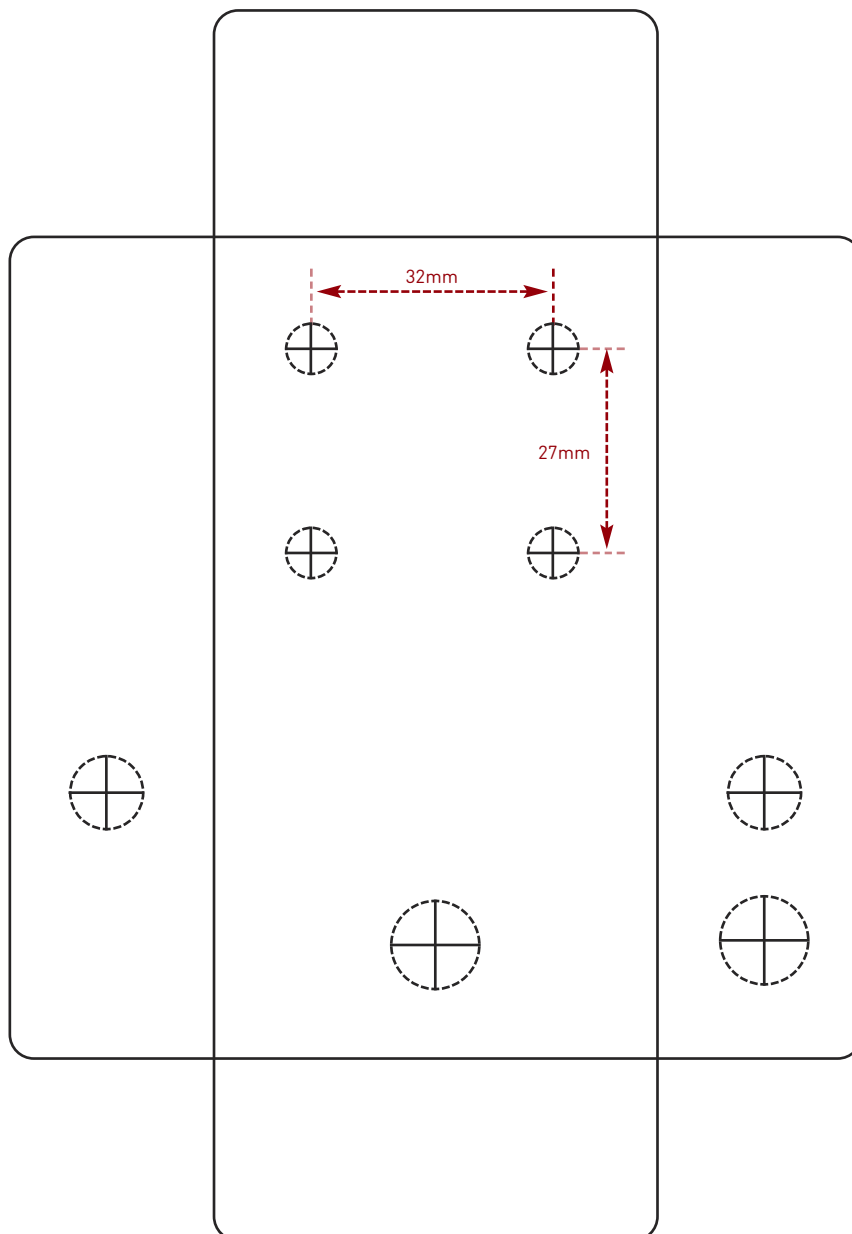
Hammond 1590B - 60 x 111 x 31mm

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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