

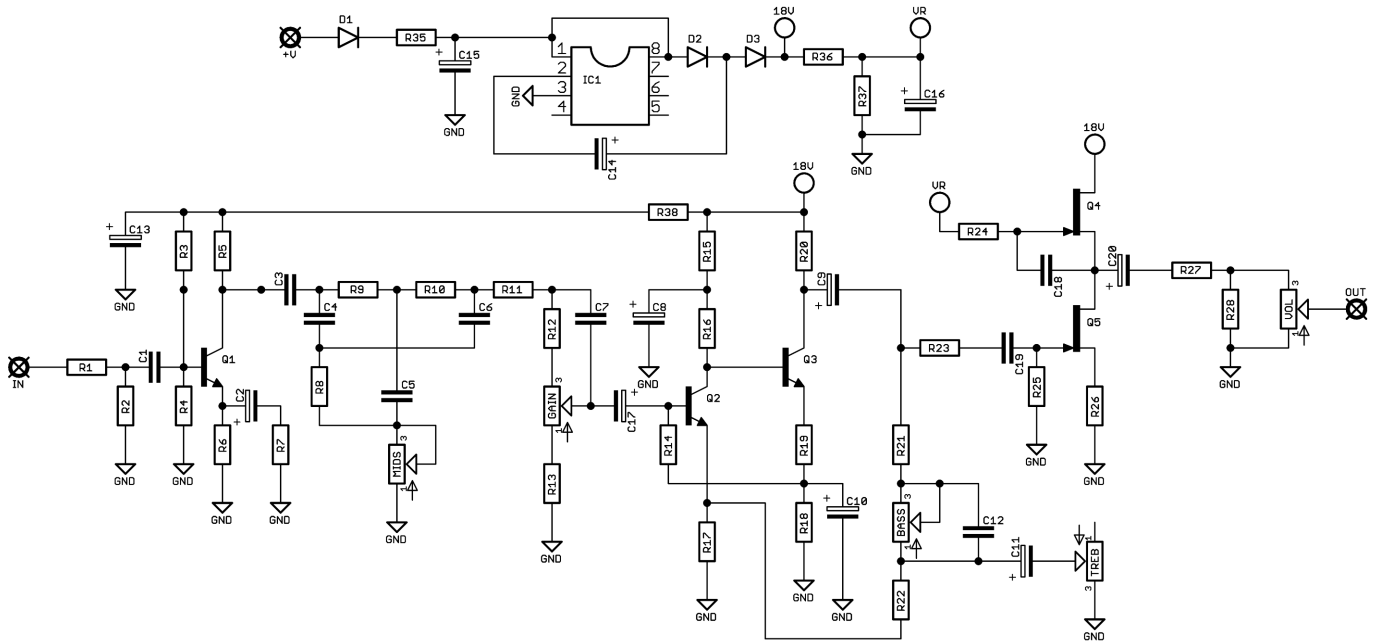


Before you dig in, ensure you download and read the **General Build Guide**.

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



# Schematic+ BOM



R1	33K	R24	5M1*	C1	22n
R2	27K	R25	1M	C2	10u elec
R3	348K*	R26	15K	C3	1u
R4	100K	R27	57K6*	C4	22n
R5	22K	R28	36K	C5	47n
R6	10K	R35	100R	C6	22n
R7	3K3	R36	10K	C7	3n9
R8	10K	R37	10K	C8	10u elec
R9	18K	R38	12K	C9	10u elec
R10	18K			C10	100u elec
R11	47K	D1-3	1N5817	C11	2u2 elec
R12	10K	Q1-3	2N2222A	C12	22n
R13	1K5	Q4-5	2N5457/MMBF5457	C13	47u elec
R14	220K	IC1	7660SEPA/LT1054	C14	10u elec
R15	33K			C15	100u elec
R16	27K	BASS	250KA**	C16	10u elec
R17	220R	GAIN	250KA	C17	10u elec
R18	150R	MIDS	25KA	C18	33n
R19	470R	TREB	5KB**	C19	10n
R20	1K5	VOL	500KA	C20	10u elec
R21	4K7				
R22	1K				
R23	1M				

See notes on next page.

# Notes

\*There are some funky resistor values which aren't really critical. We'll supply pairs of resistors to get you within tickling distance of these values, or you can go with the near-as-dammit highest value in the pair.

R3 - 330K + 18K

R24 - 4M7 + 390K

R27 - 56K + 1K5

Arrange them as shown.



\*\*Bass and Treble are internal trimmers in the original. We thought it'd be nice to put them where you can get at them.

## Boost section

The original has a second footswitch to kick in an alternative boost section at the end of the circuit. We've dispensed with that to give you all the tonal goodness in a smaller box. If you want to build with the more saturated boost, substitute these parts.

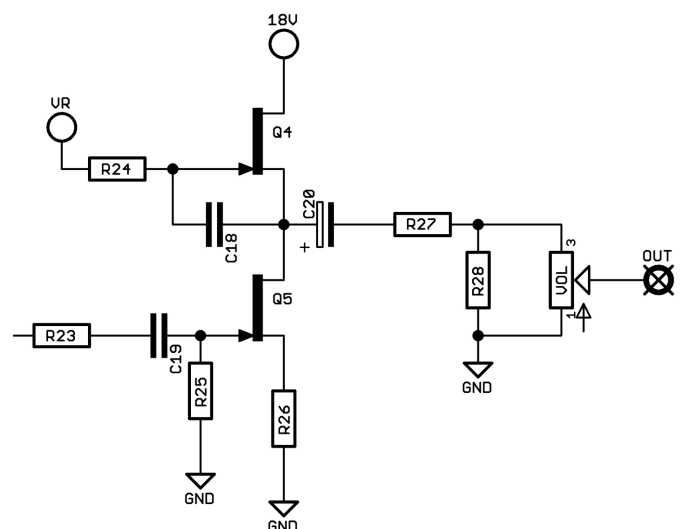
R26 10R

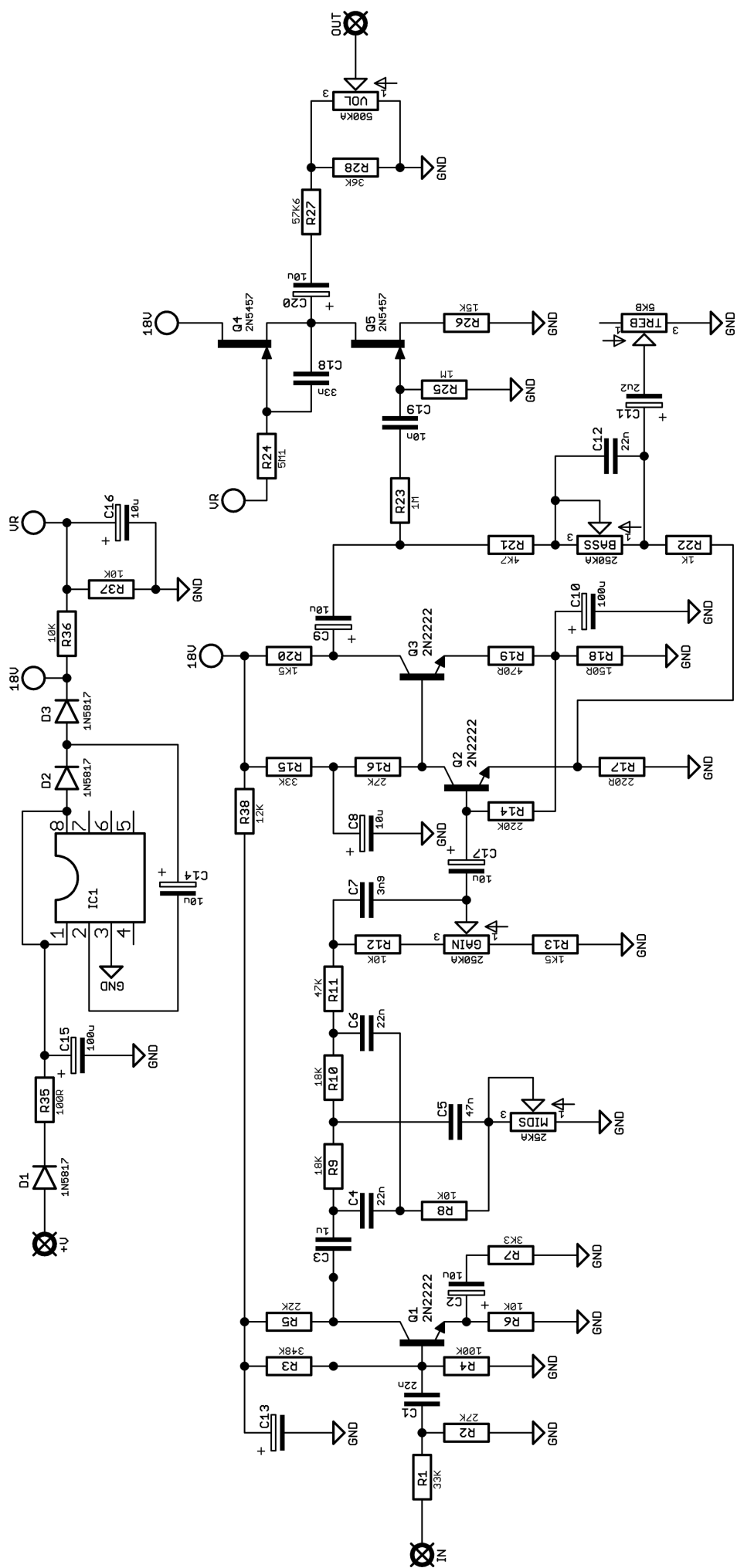
R27 68K

R28 27K

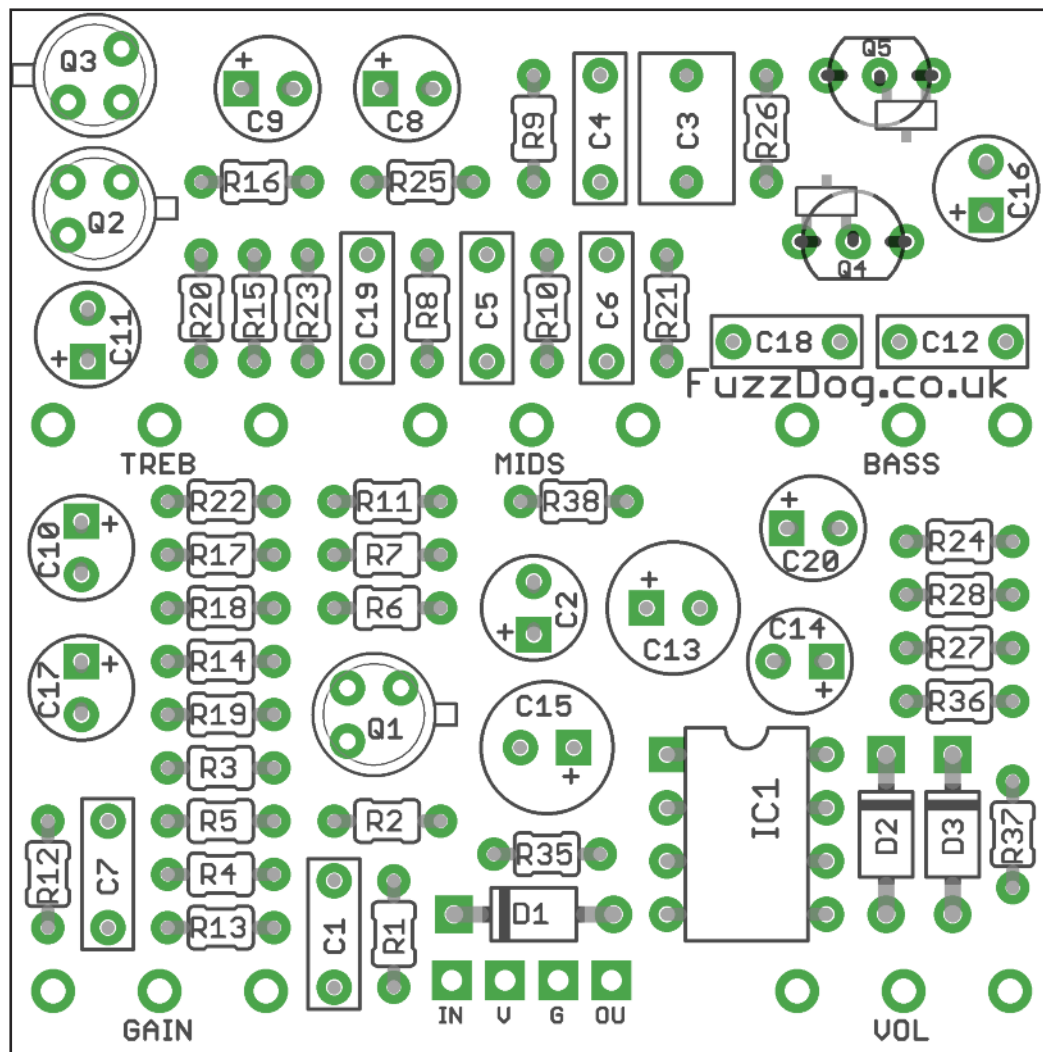
C18 8n2

C19 820p









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

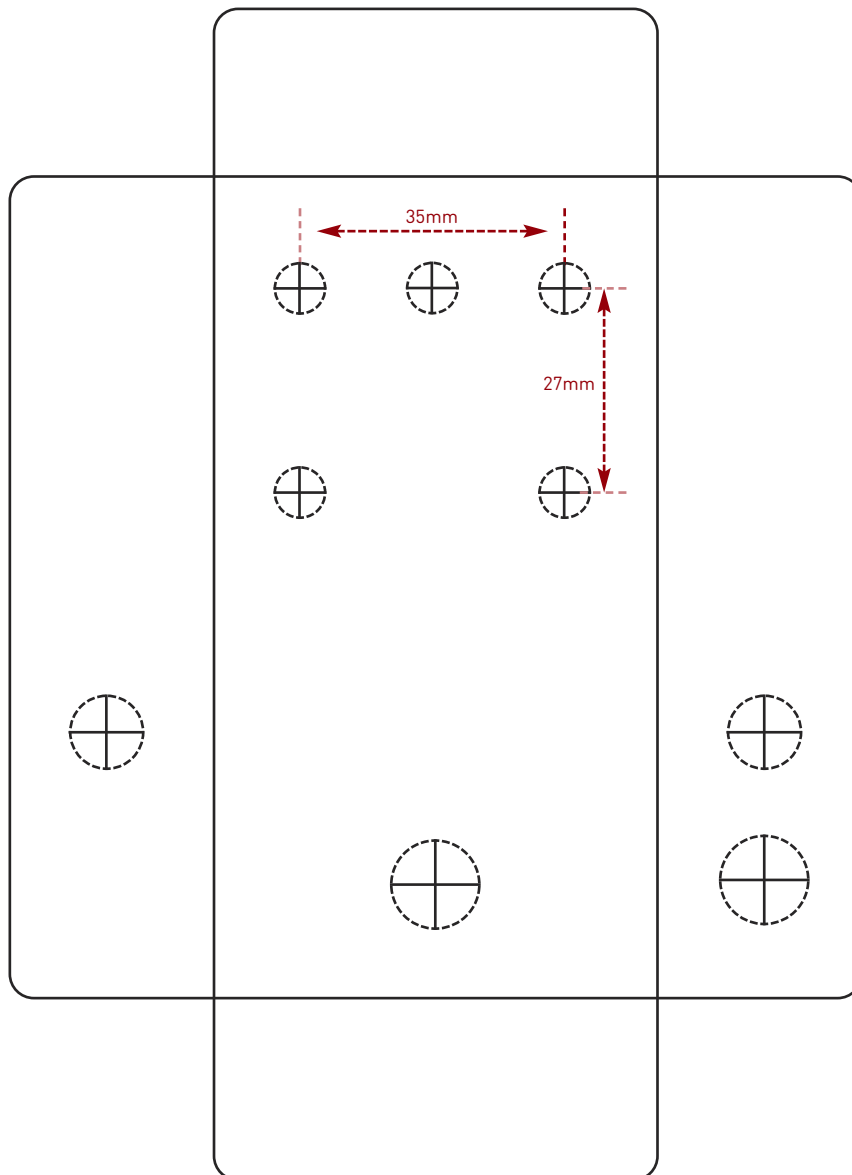
**Hammond 1590B - 60 x 111 x 31mm**

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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