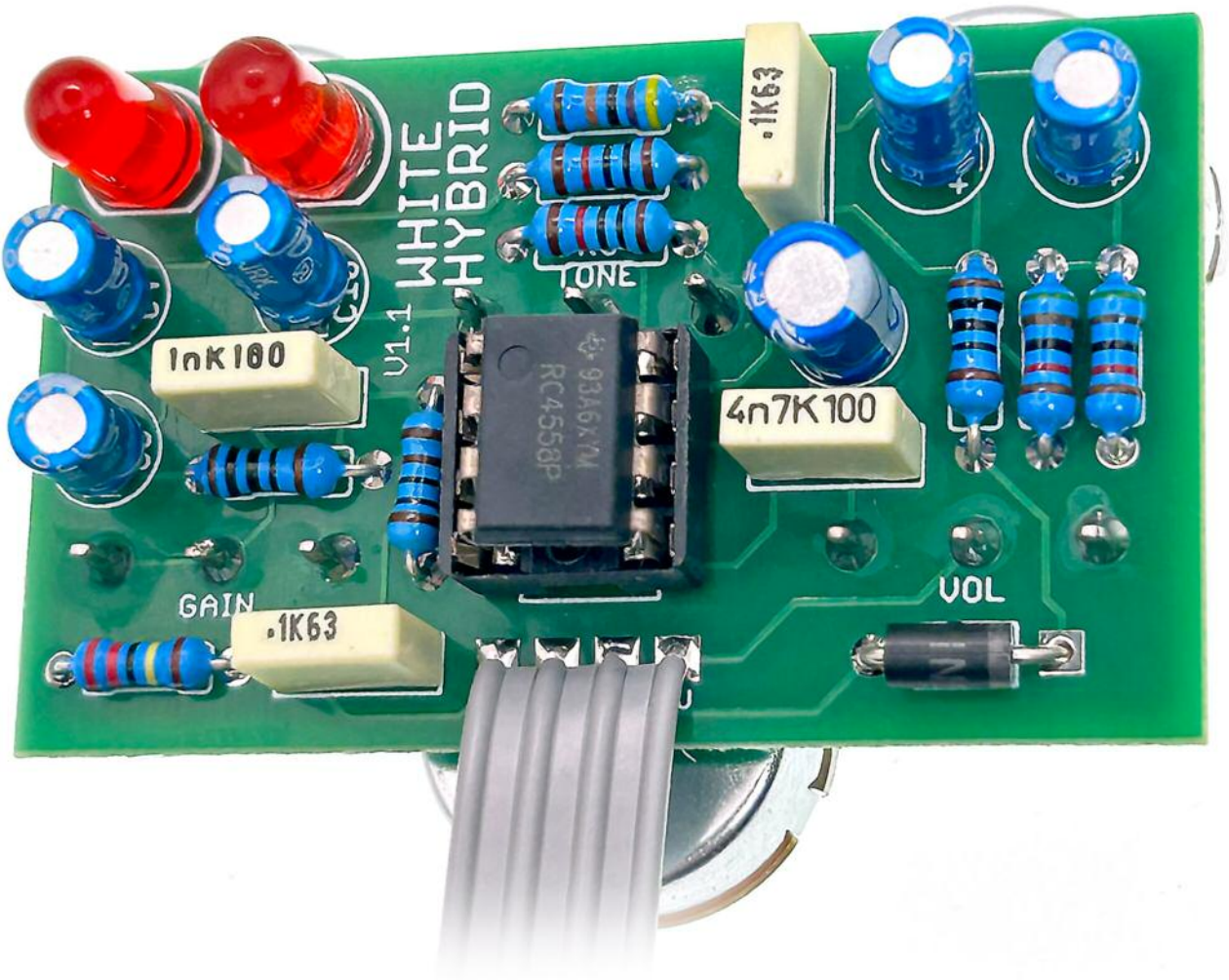
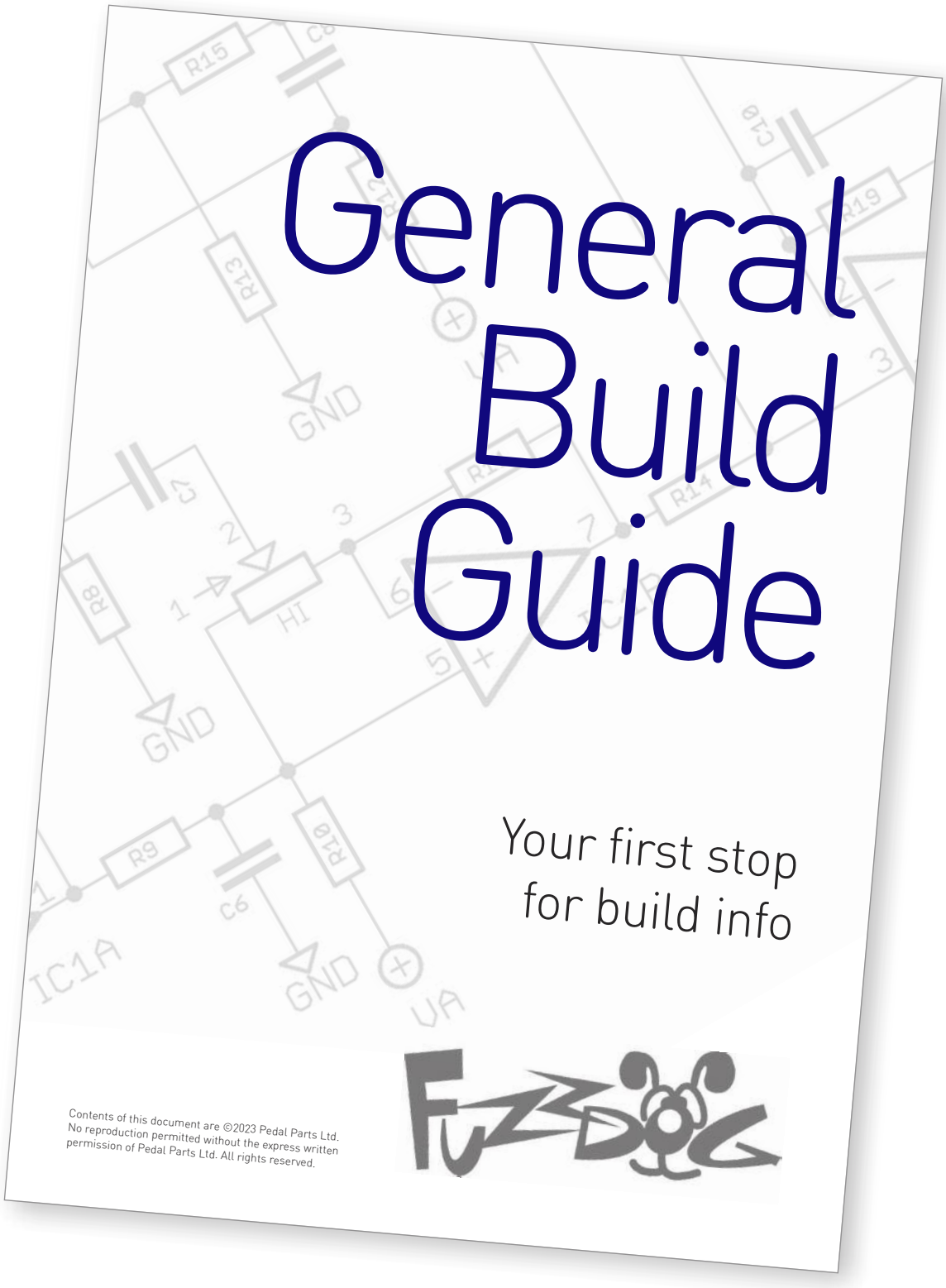


White Hybrid

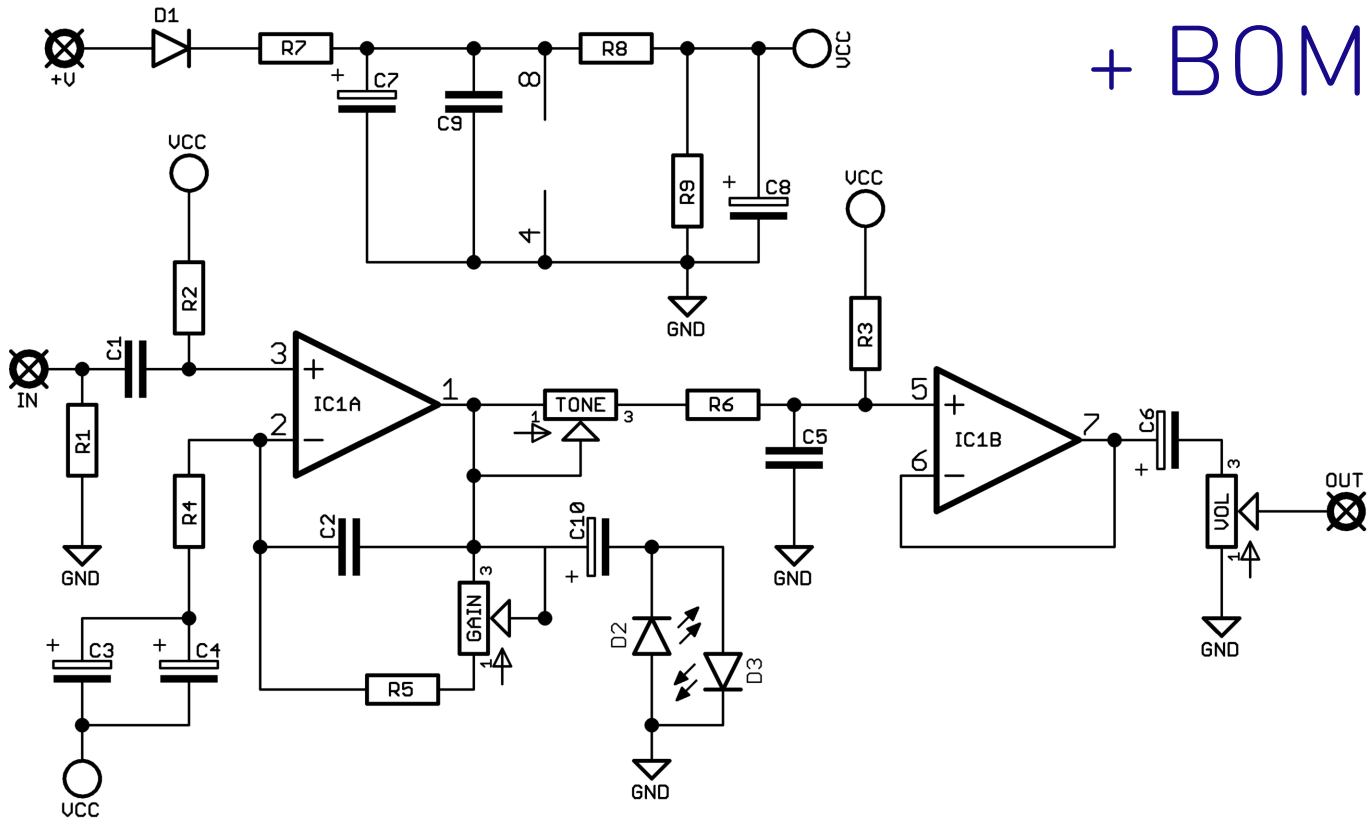
Heavy British-style gains with plenty of top end

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

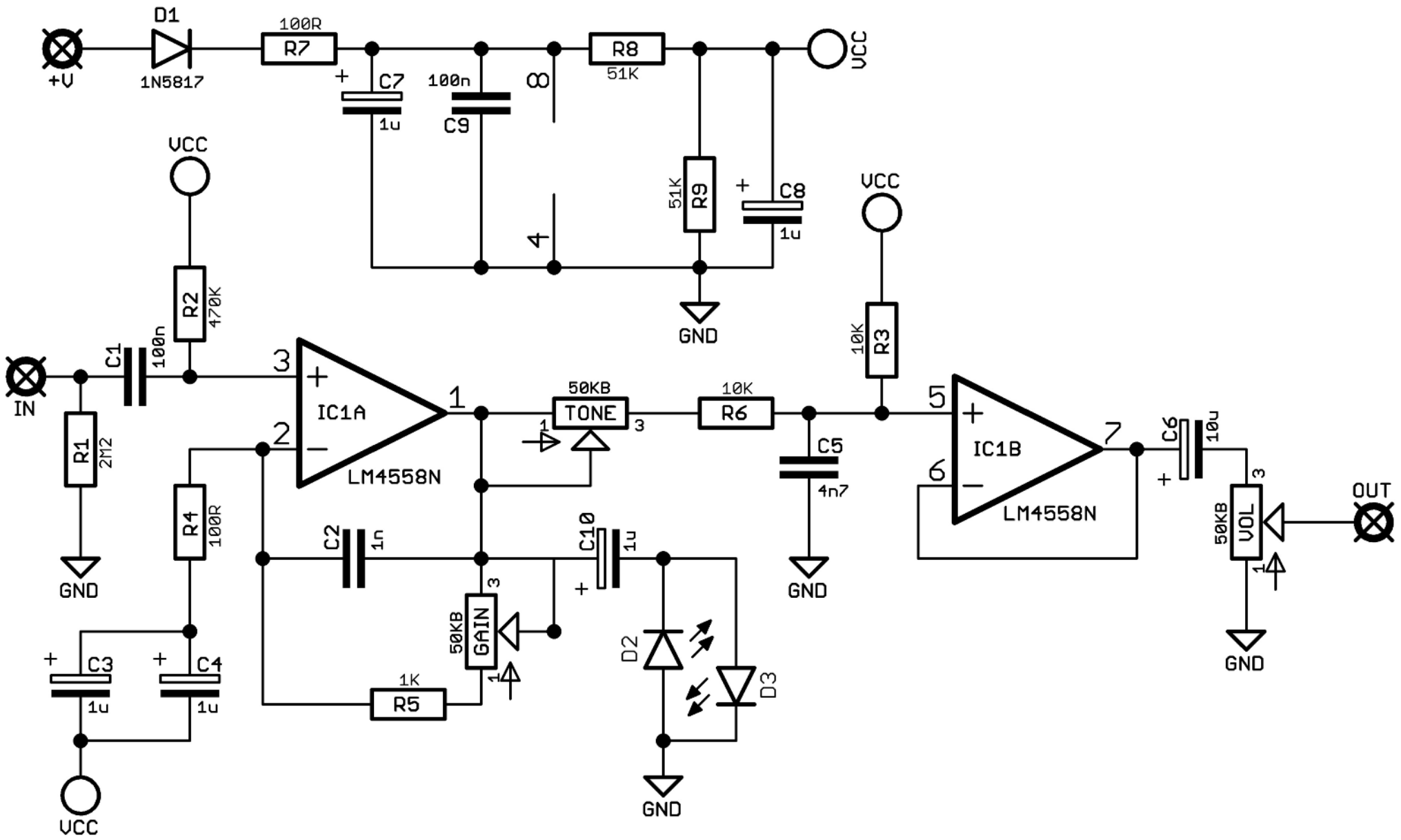
It contains all the information you need for a successful outcome.

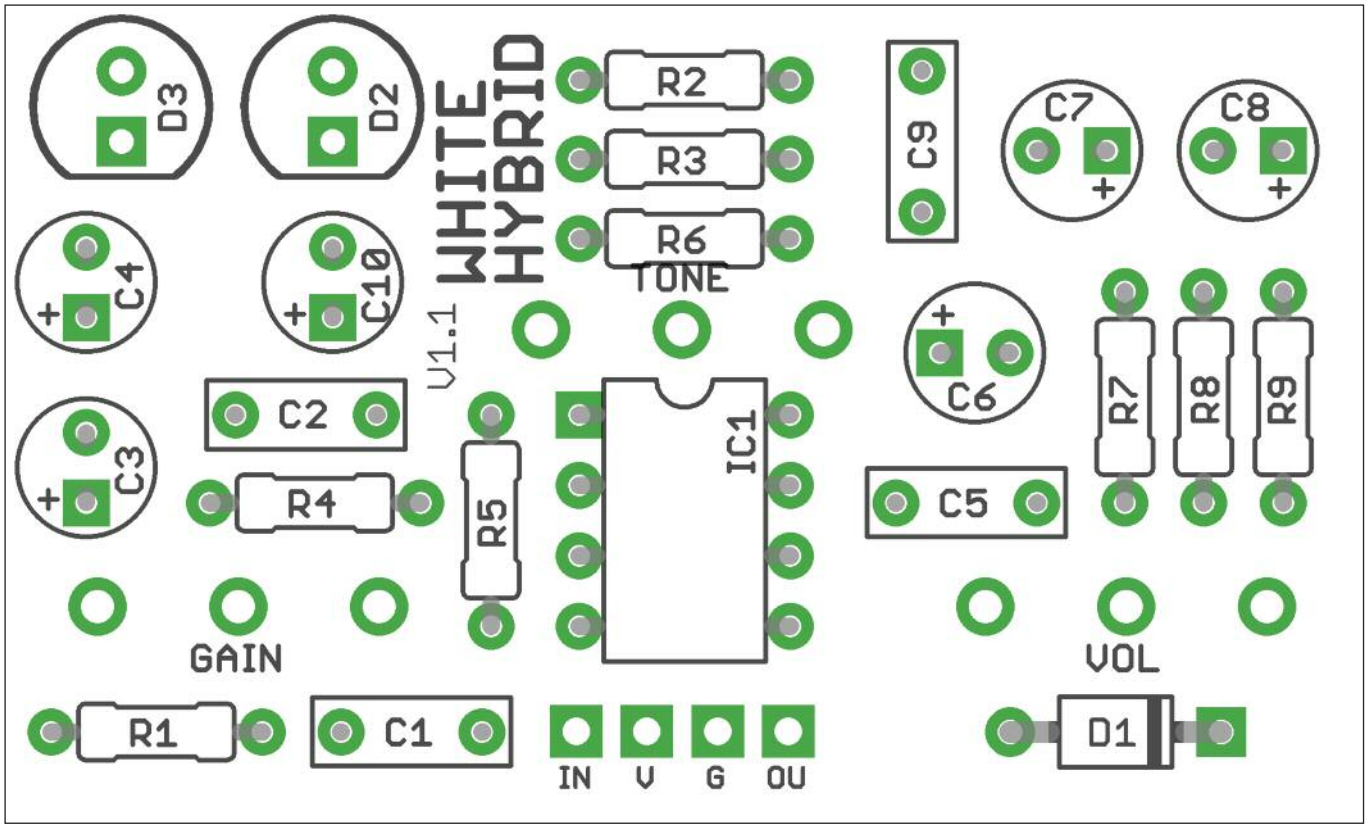


Schematic + BOM



R1	2M2	C1	100n	D1	1N5817
R2	470K	C2	1n	D2-3	5mm Red LED
R3	10K	C3	1u elec		
R4	100R	C4	1u elec	IC1	4558
R5	1K	C5	4n7		
R6	10K	C6	10u elec	GAIN	50KB
R7	100R	C7	1u elec	TONE	50KB
R8	51K	C8	1u elec	VAL	50KB
R9	51K	C9	100n		
		C10	1u elec		

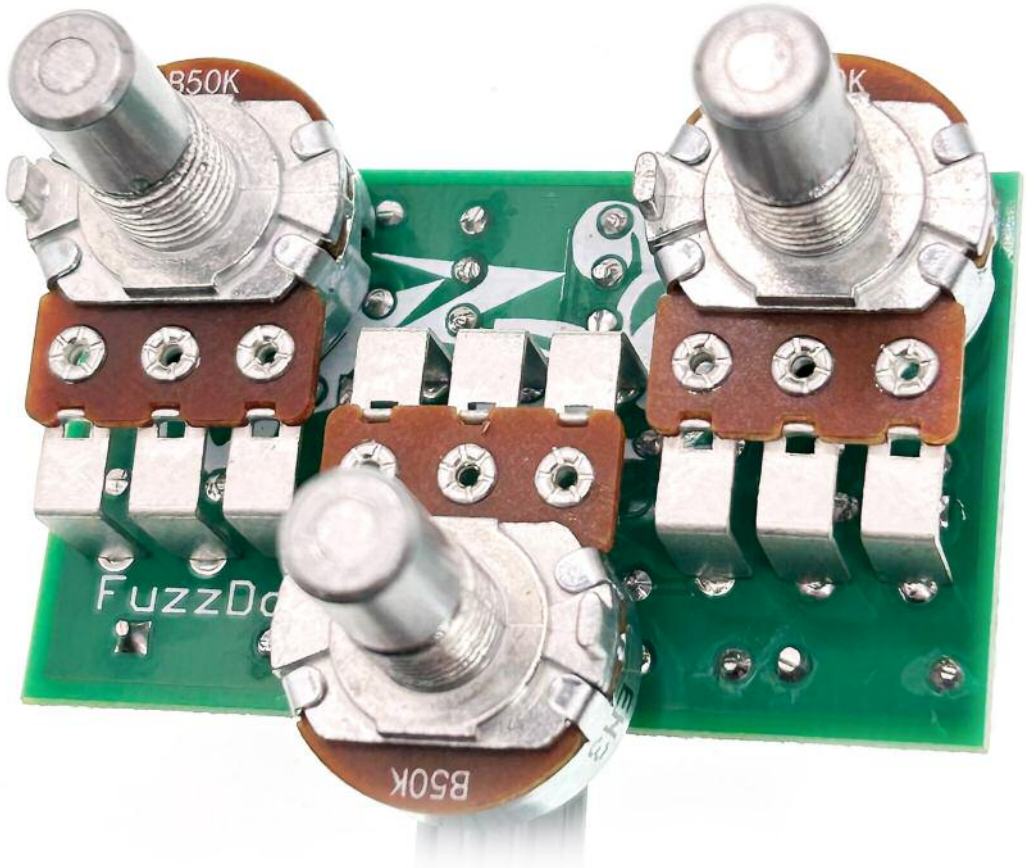

+V
D1
1N5817
100R
R7
C7
1u
100n
C9
8
4
R8
51K
VCC
51K
R9
C8
1u
GND
VCC
R2
470K
100n
C1
IN
R1
2M2
GND
3
2
IC1A
LM4558N
1
50KB
TONE
1
3
10K
R6
C5
4n7
GND
VCC
10K
R3
5
6
IC1B
LM4558N
7
C6
10u
50KB
VOL
3
1
OUT
GND
R4
100R
C2
1n
C10
1u
50KB
GAIN
3
1
1K
R5
D2
D3
GND
C3
1u
C4
1u
VCC



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.



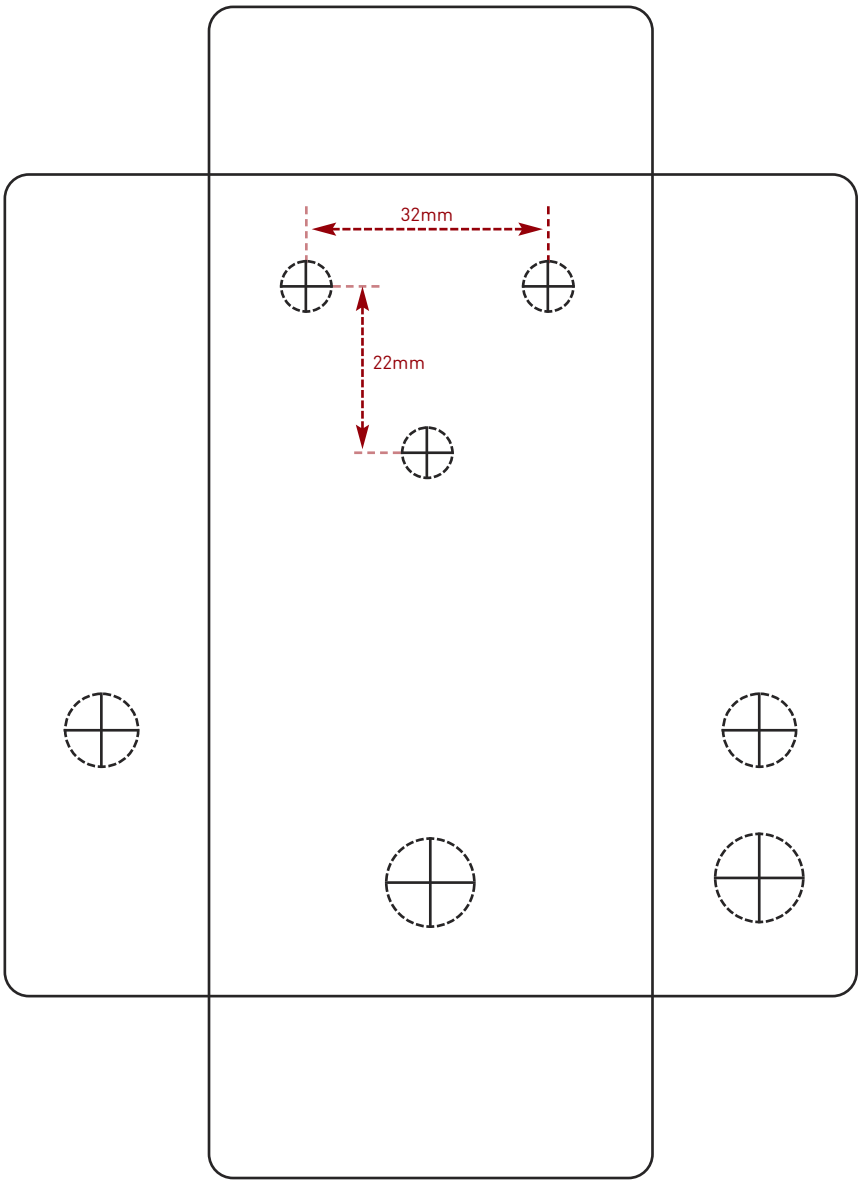
Drilling template

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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