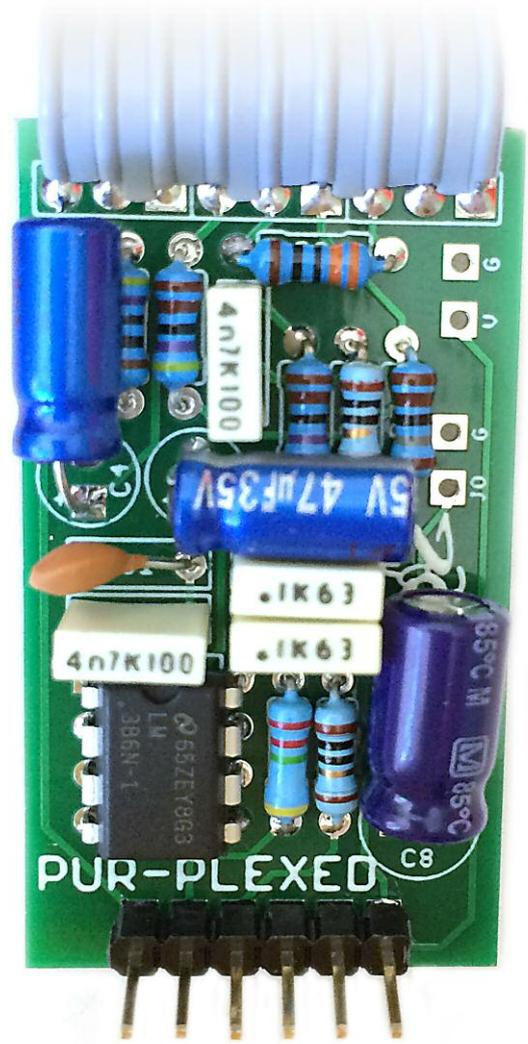
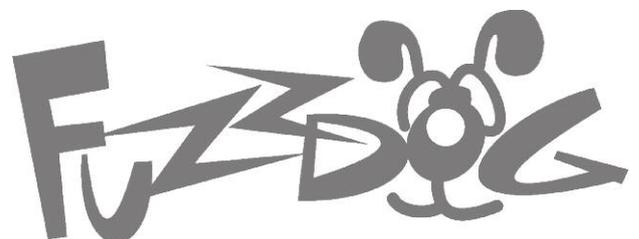


FUZZPUP



Pink Plexi

Marshall tone in a purple box,
not pink. That'd be silly.

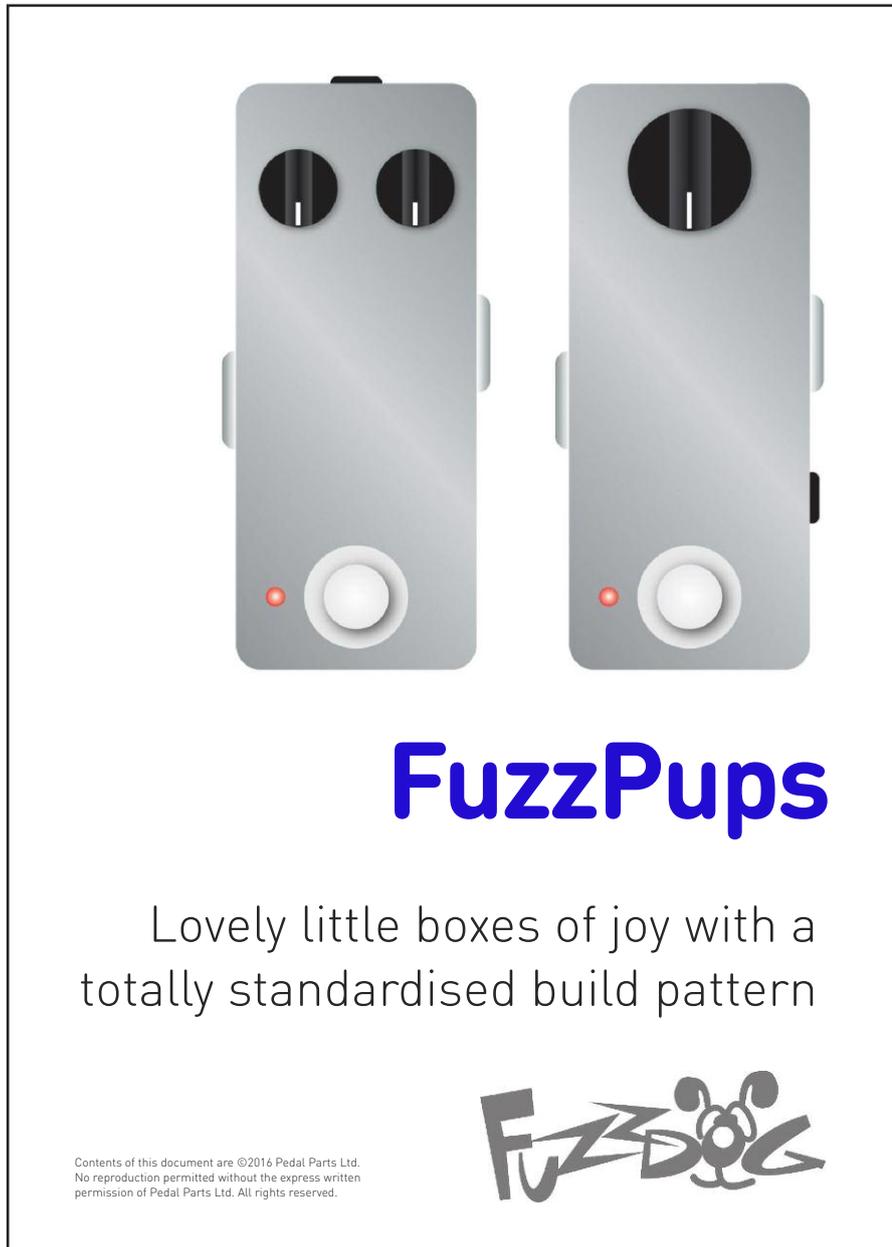


IMPORTANT

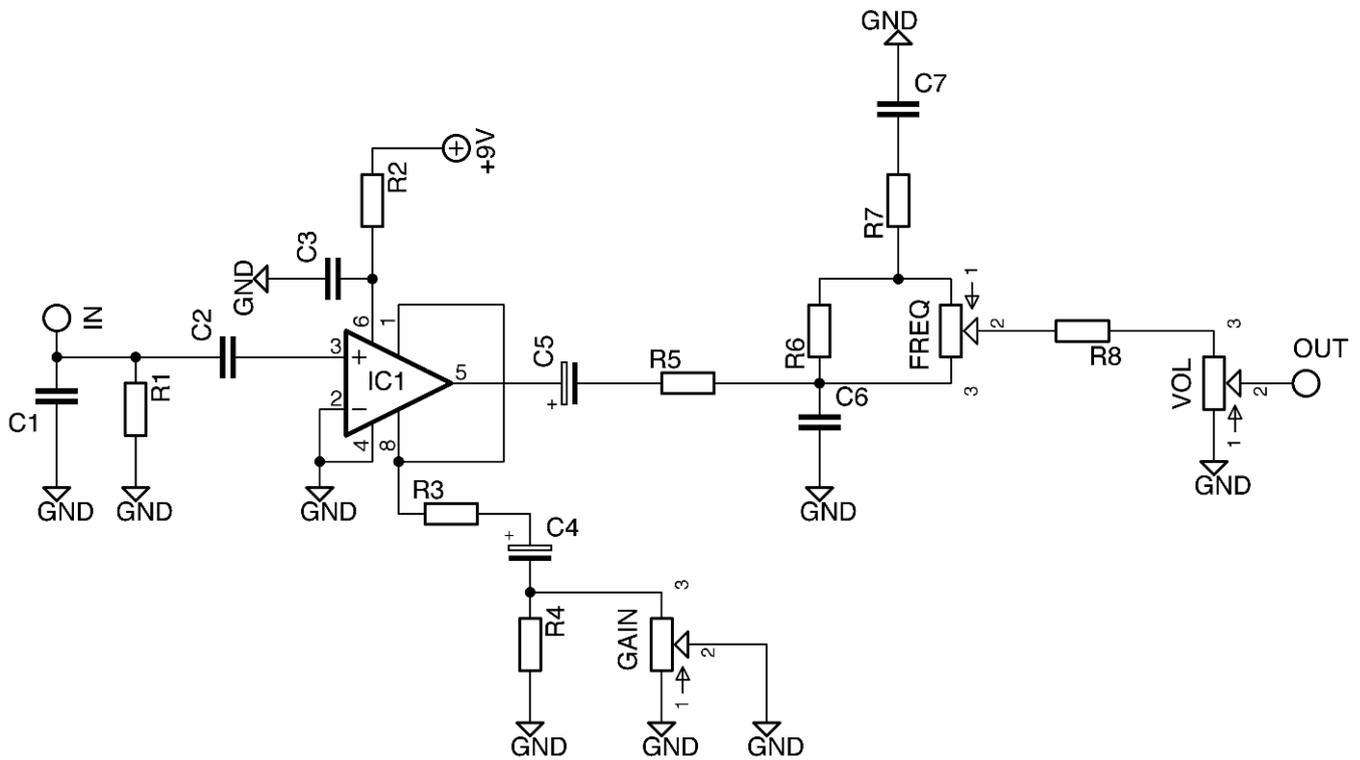
Before you start...

Grab the general build doc that covers all FuzzPup builds. Most of the information you need for this build is in there.

Read it? OK, carry on.



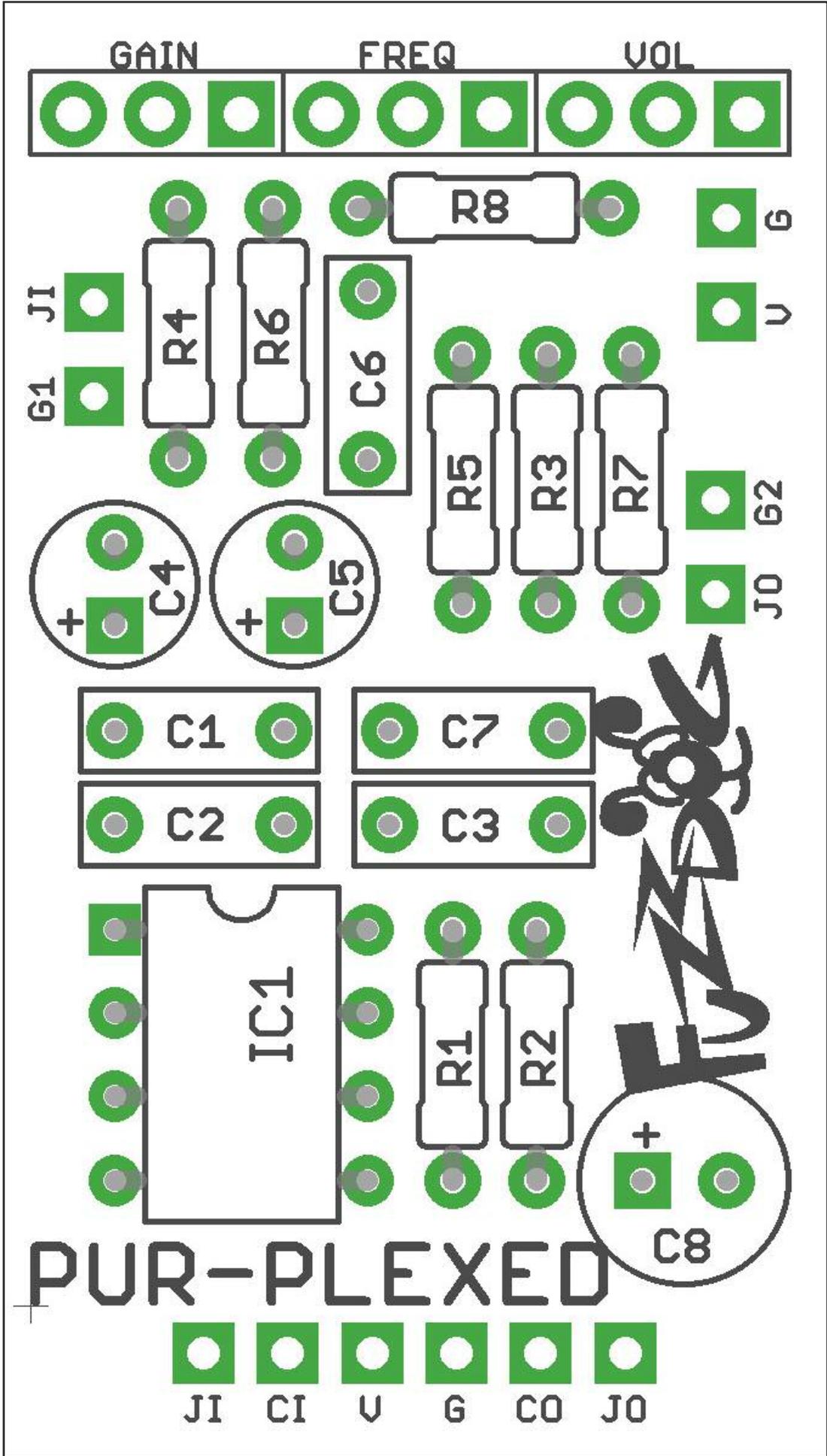
Schematic + BOM



R1	2M2		
R2	10R		
R3	10R		
R4	470R	C1	390p
R5	4K7	C2	4n7
R6	4K7	C3	100n
R7	1K8	C4	47u
R8	330R	C5	47u
R9	2K2 (CLR)	C6	4n7
		C7	100n
GAIN	1KB*	C8	100u elec**
FREQ	5KB		
VOL	100KB	IC	LM386

*Gain control is pretty much all or nothing. This is down to the original design. It can be helped a little by using a 1KC pot if you can find one.

**C8 is a power smoothing cap not in the original circuit. Though not shown on the schematic, it connects between 9V and GND.



Notes

Large electrolytic capacitors

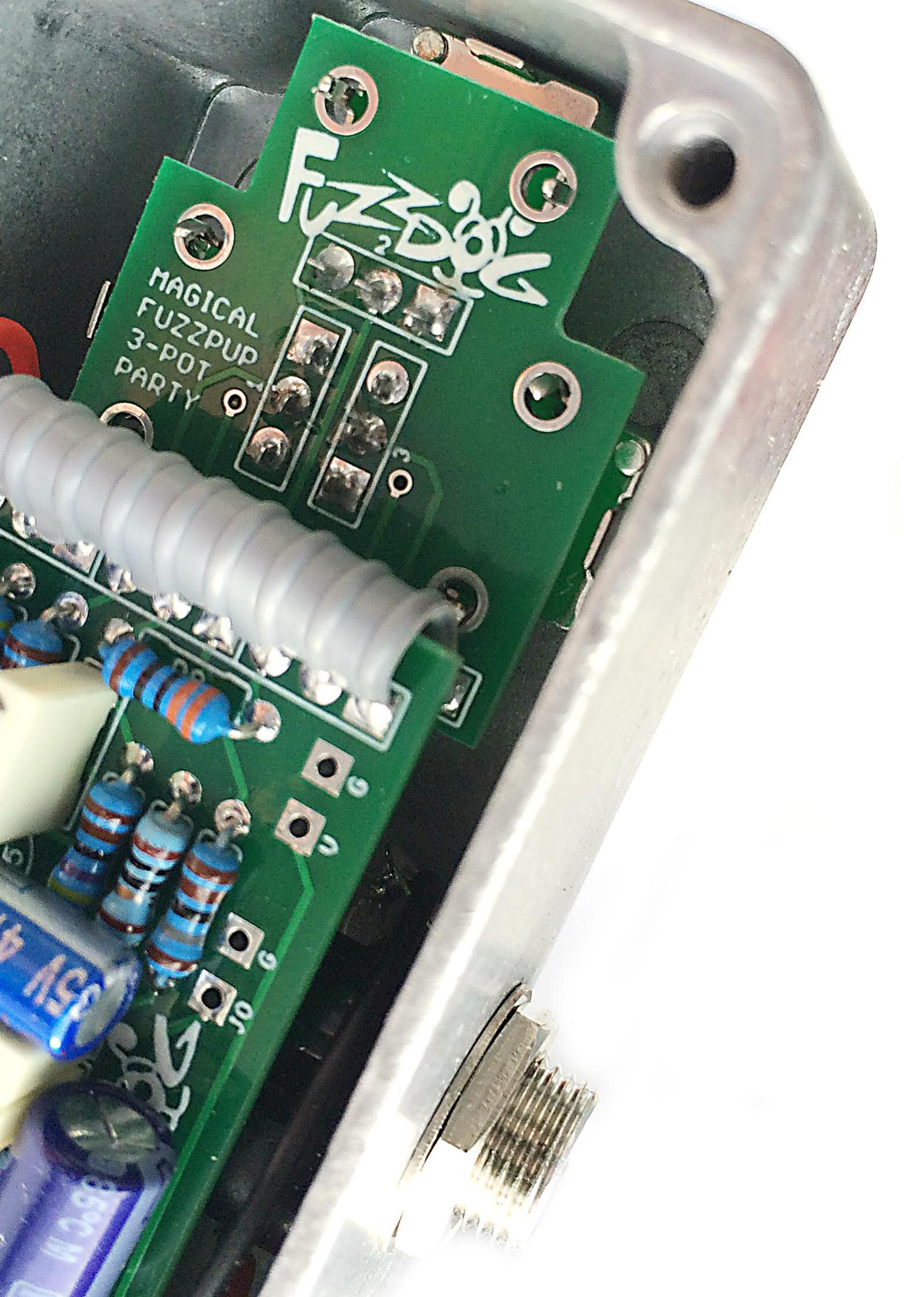
These need to lay flat against the PCB or above other components as can be seen on the cover image.

C8 has its own space, but C4-5 must rest on top of adjacent resistors.

Pots

We're fitting three pots into a 1590A. Things are going to get tight. If you haven't opted for the pot daughterboard you're going to have a spaghetti bowl full of wiring going on, which is fine if you can handle it. The daughterboard simplifies things, but you're going to have to cut the ribbon cable down to length and carefully strip it. On our test build we took it down to around 15mm, but you could leave a little more length as there's plenty of space under the PCB at final assembly to tuck the extra, keeping the connections strain-free.





FuzzPop

MAGICAL
FUZZPOP
3-POT
PARTY

15V

1000µF

10
5

Final assembly

Of course you've already read the general FuzzPup document, so you're aware of how to put this thing together once tested. Since we have an extra daughterboard a little more care is required in the final stages.

Jack/DC wiring

We recommend you take this from the footswitch daughterboard connections rather than the main PCB in this case.

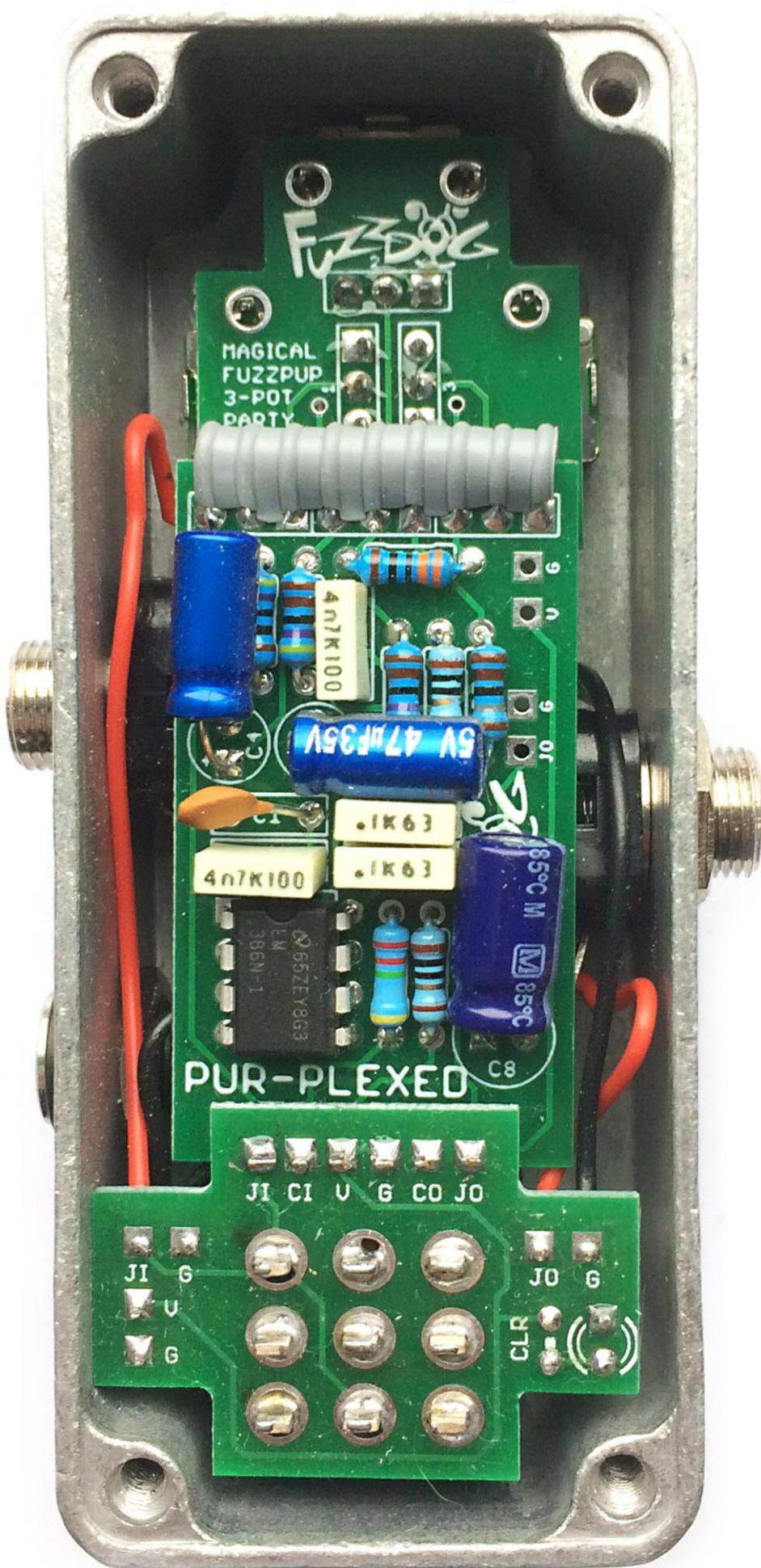
IN. THIS. ORDER.

Get the offboard components (footswitch, jacks, DC) in place and wire these to your footswitch daughterboard place as explained in the general document.

Now, there's only one extra stage between that and the 'Marry Your PCBs' stage. You need to get your pots in the box. It isn't difficult, just one extra thing to do. Get them into position and fasten them in. Your main PCB should fit nicely over the jacks and you're ready to drop your footswitch board over the connecting pins. All set.

If you're really confident you can even use header pins to connect the pot PCB to the main PCB.





FUZZDOG

MAGICAL
FUZZPUP
3-POT
PARTY

4n7K100

5V 47µF 35V

.1K63

4n7K100

.1K63

85°C M
M
85°C

665ZEY863
LM
386N-1

PUR-PLEXED

J1 CI U G CO JO

J1 G
U
G

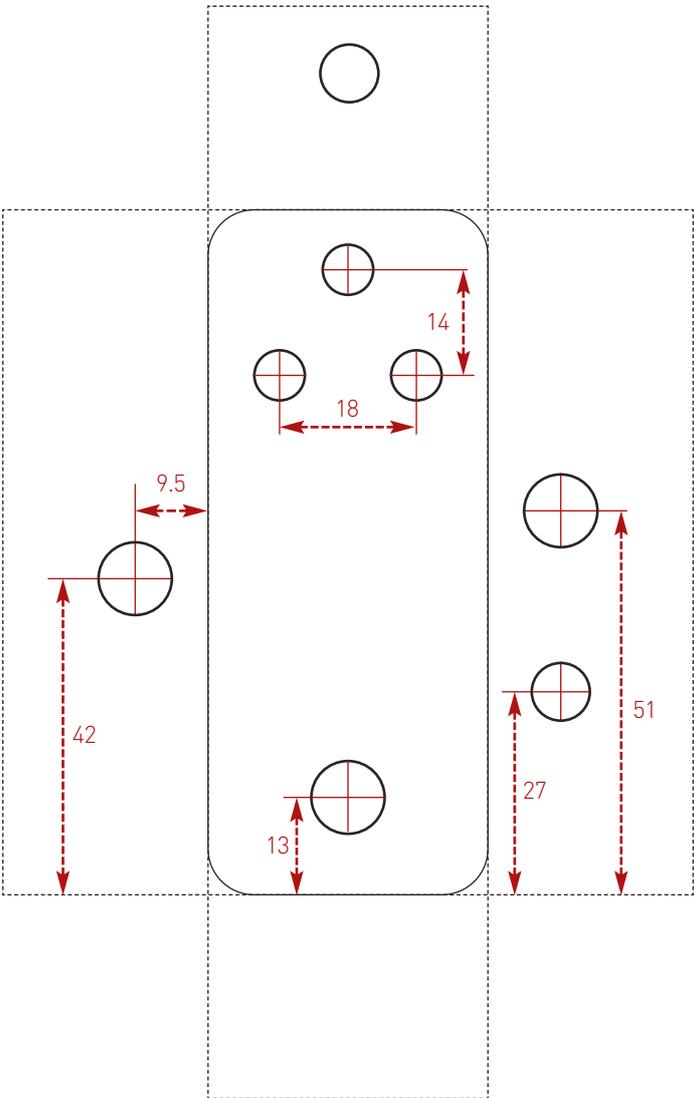
JO G
CLR

Drilling guide

This is a guide only. If you're drilling your own enclosure please double check everything before starting.

Recommended drill sizes:

- Jacks 10mm
- Footswitch 12mm
- DC Socket 8mm
- Pots 8mm





FuzzDog

FuzzDog.co.uk