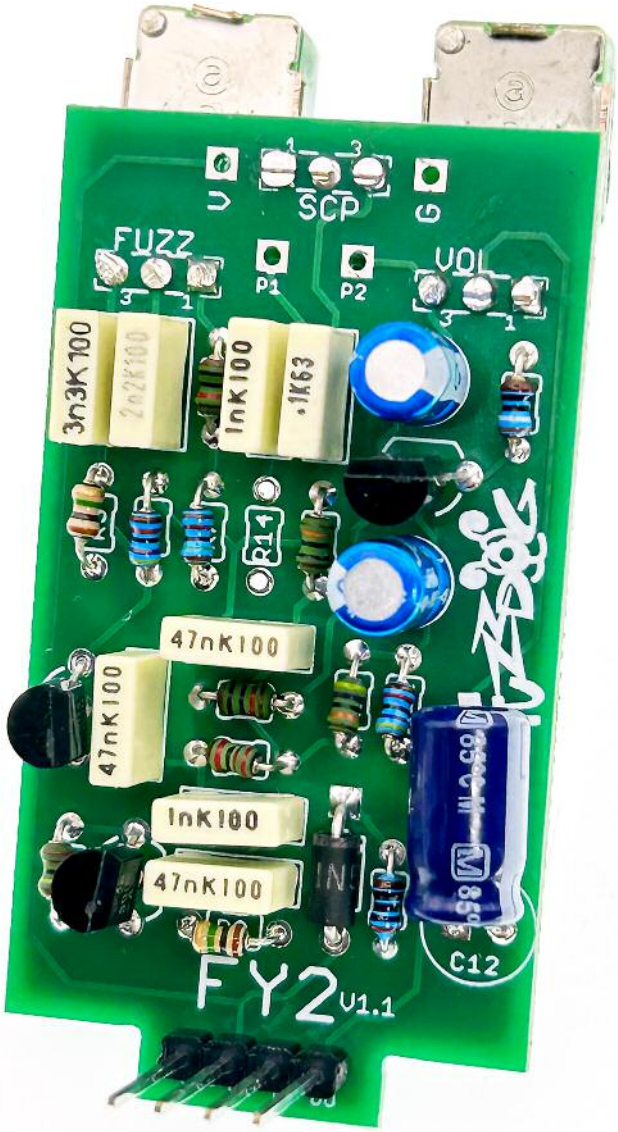
FuzzPup



FY2

Vintage skanky fuzz tones

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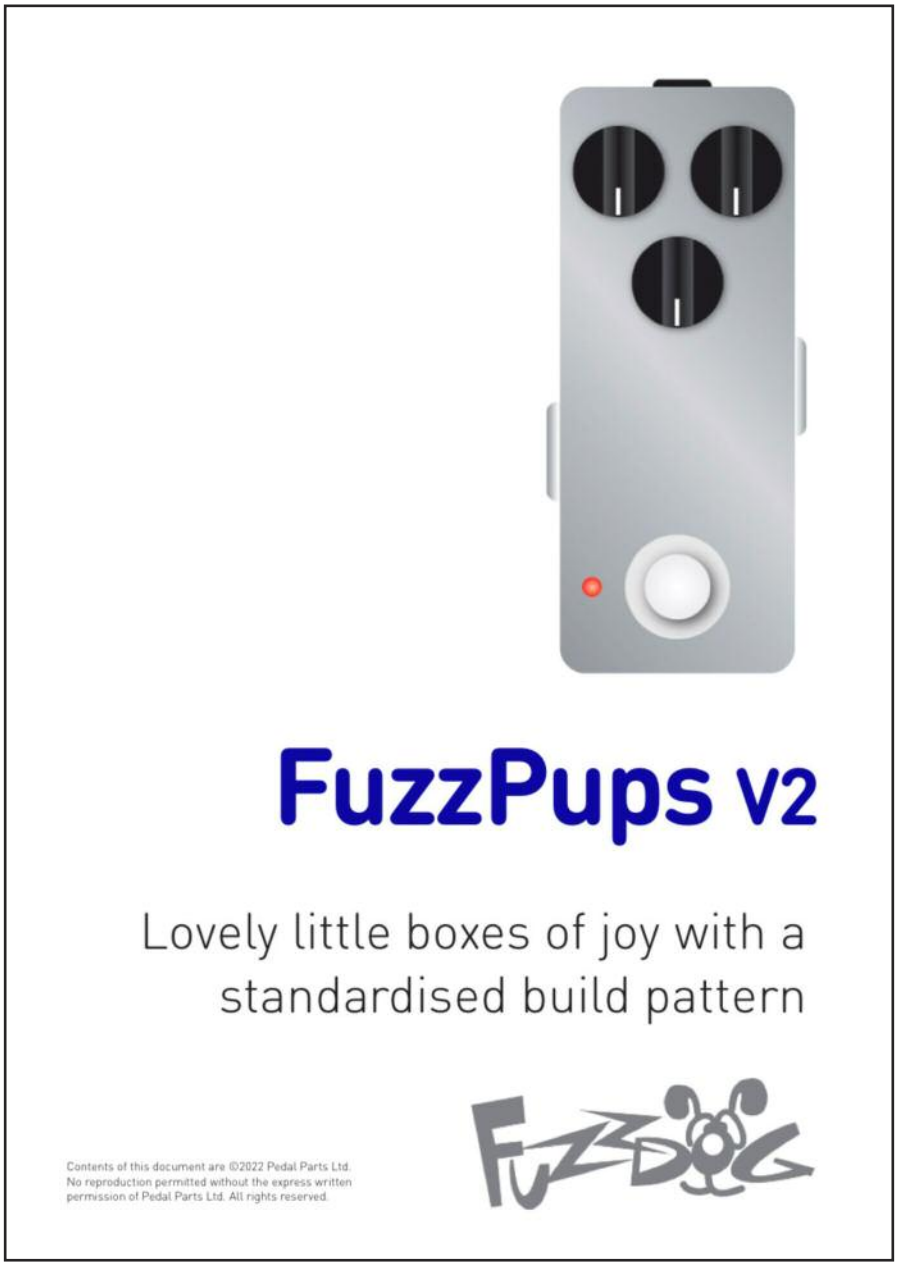
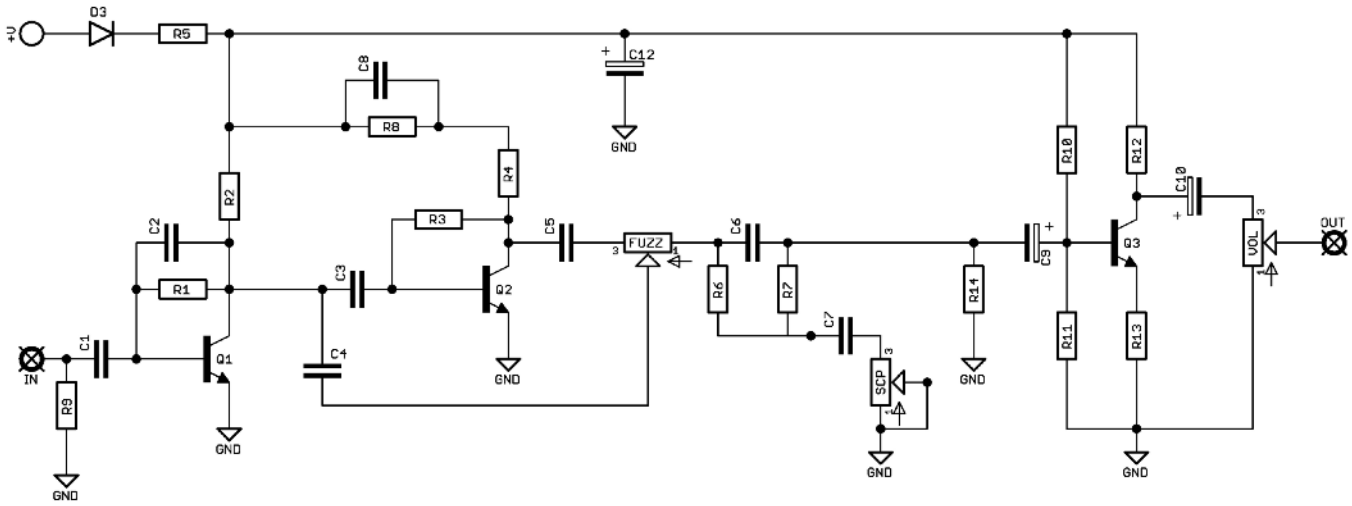
IMPORTANT
Before you start...

Grab the general build doc that covers all FuzzPup V2 builds. Most of the information you need for this build is in there.

Read it? OK, carry on.



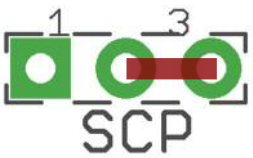
Schematic + BOM

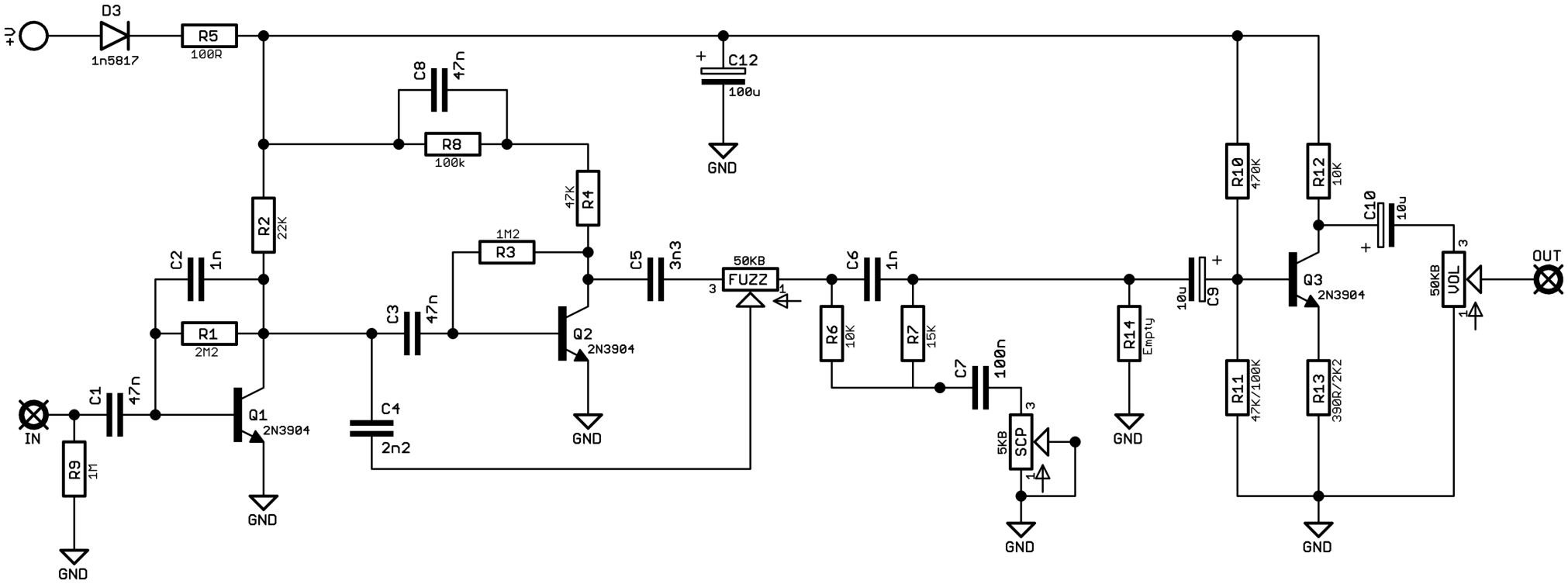


R1	2M2	C1	47n	Q1-3	2N3904
R2	22K	C2	1n		
R3	1M	C3	47n	D1	1N5817
R4	47K	C4	2n2		
R5	100R	C5	3n3	FUZZ	50KB
R6	10K	C6	1n	VOL	50KB
R7	15K	C7	100n	SCOOP	5KB*
R8	100K	C8	47n		
R9	1M	C9	10u elec		
R10	470K	C10	10u elec		
R11	100K (47K)	C12	100u elec		
R12	10K				
R13	2K2 (390R)				
R14	Empty				

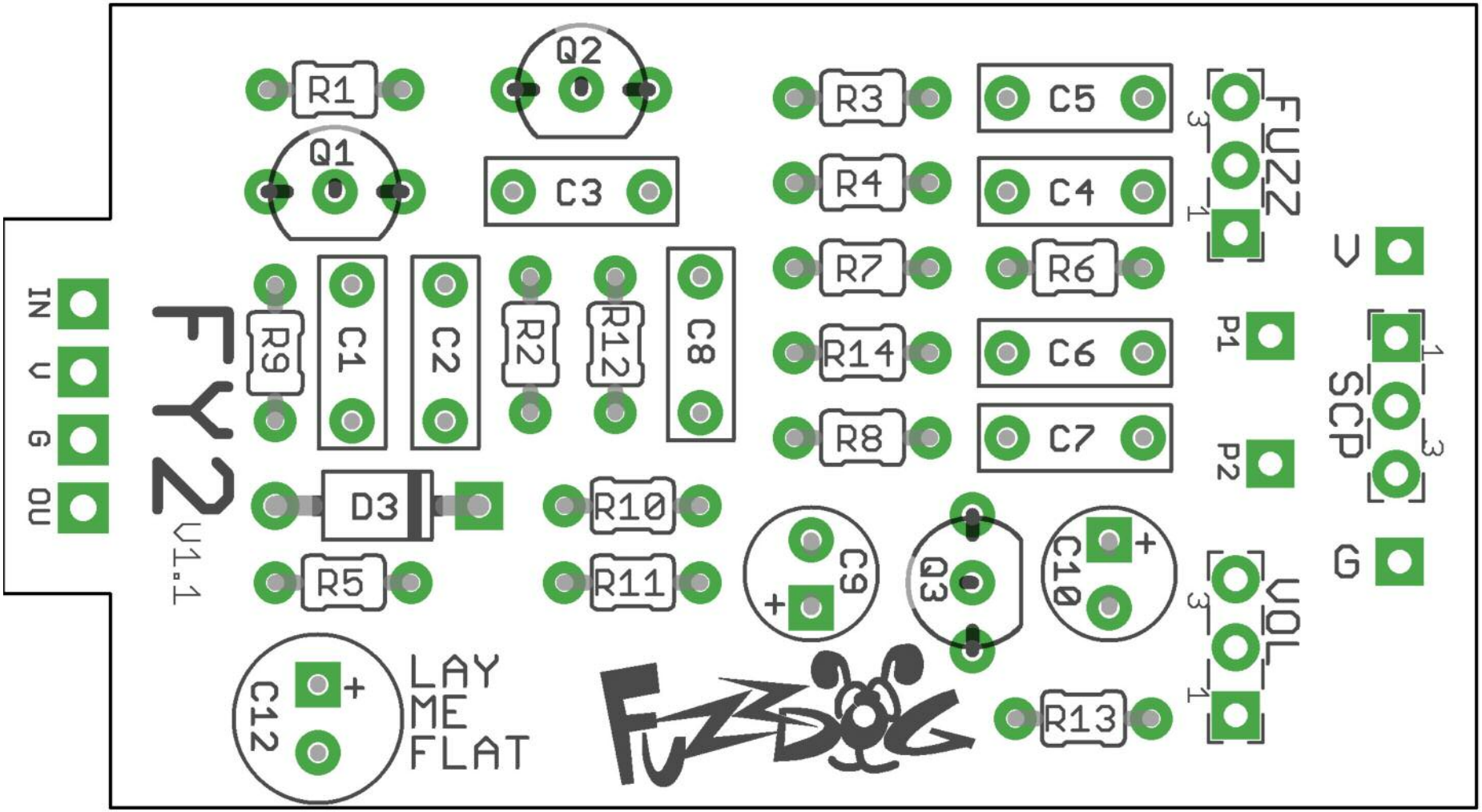
The original circuit is very quiet, so we've included an optional post-boost to beef things up a bit. We recommend the values in the standard BOM, which is equivalent to a Big Muff recovery stage. If you want to go really loud then substitute the values in blue for R11 and R13. If you want to go with the stock circuit, leave out Q3, C9-10, R10-14 and jumper pads P1-2.

*There's also an optional Scoop control. To omit this simply leave out the Scoop pot and add a jumper as shown.




+V
D3
1n5817
R5
100R
C12
100u
GND
C8
47n
R8
100k
47K
R4
1M2
R3
R2
22K
C2
1n
R1
2M2
C3
47n
Q2
2N3904
C5
3n3
50KB
FUZZ
C6
1n
R6
10K
R7
15K
C7
100n
5KB
SCP
R14
Empty
10u
C9
R10
470K
R12
10K
C10
10u
Q3
2N3904
50KB
VOL
OUT
R11
47K/100K
R13
390R/2K2
IN
C1
47n
R9
1M
Q1
2N3904
C4
2n2

PCB layout ©2025 FuzzDog



Everything else you need is in the
general build doc you've already read.

Head back to that.

FuzzDog.co.uk