. 22nk100 47n **Tube Screamer**

Classic tube-like drive with a mid hump

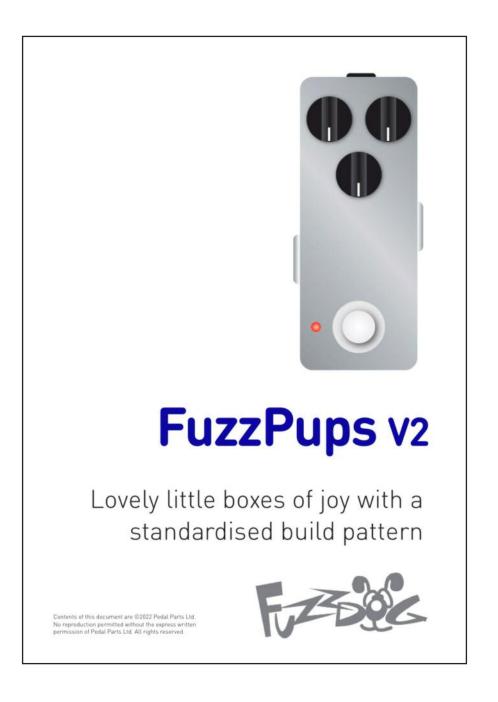


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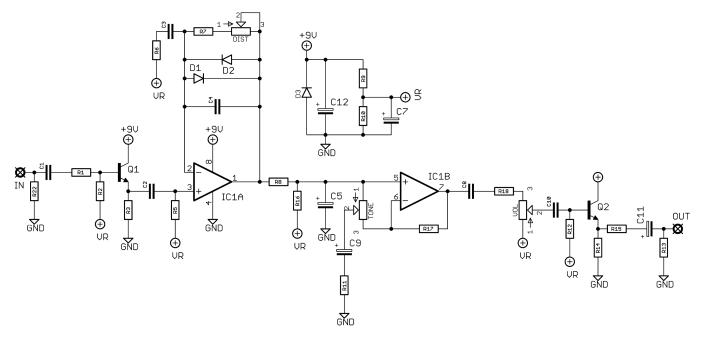
IMPORTANT Before you start...

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	1K
R2	510K
R3	10K
R5	10K
R6	4K7
R7	51K
R8	1K
R9	10K
R10	10K
R11	220R
R12	510K
R13	10K (100K)
R14	10K
R15	100R (470R)
R16	10K
R17	1K
R18	1K
R22	1 M

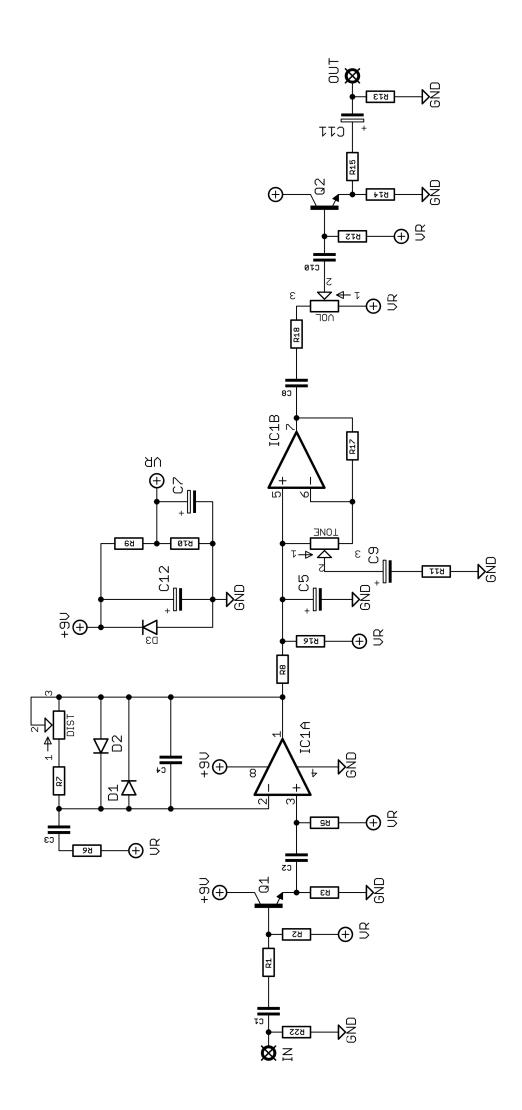
C1	22n	IC	4558
C2	1u*		
C3	47n	Q1,2	2N3904
C4	47p		
C5	0.22u tantalum	D1,2	1N4148
C7	47u**	D4	1N4001
C8	1u*		
C9	0.22u tantalum	TONE	20KW
C10	100n	DRIVE	500KA
C11	10u	LEVEL	100KB***
C12	100u**		

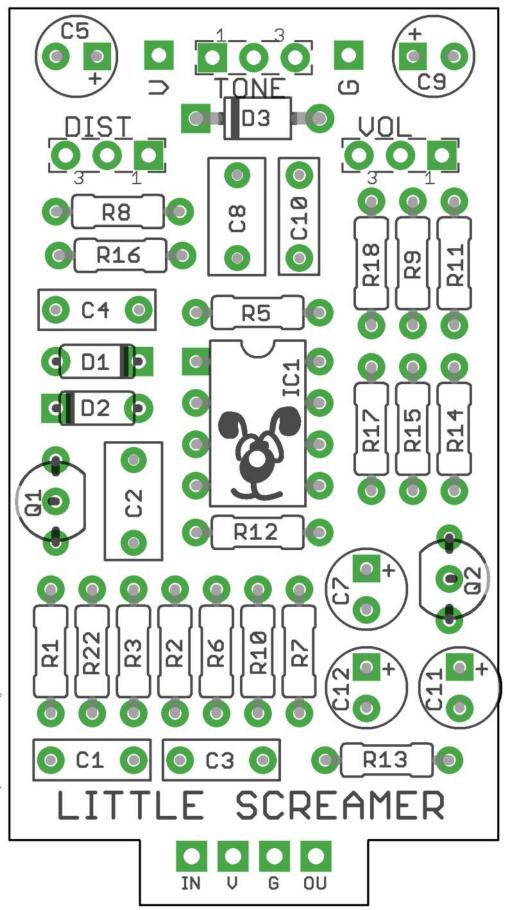
*1uf film caps tend to be quite big. Use MLCC (multi-layer ceramic) or just use a smaller value. There's really no need for these two caps to be bigger than 100nf.

**Again, these power smoothing caps are quite big. Smaller values 10-22uf are readily available in smaller hights and you'll notice no difference, honest.

***100KA will also work, but after comparing we prefer linear.

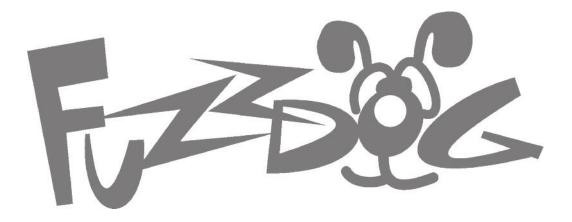
Values listed are for the TS808. If you want to make a TS9 substitute the values in blue.





PCB layout ©2022 FuzzDog

Everything else you need is in the general build doc you've already read. Head back to that.



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