

Sheepylove FZ77 Build Doc

Updated: 2026-05-08

It's woolly, it's greasy, it's Sheepylove.

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Sounds like a DAM FS-77

My favourite fuzz. This is a Tone Bender Mk III with a BMP tone control and AMZ blend. The tone tweaks let you dial in some awesome vocal characteristics, or a more modern sound with blend.

Builder beware. This is my best fuzz to play, worst to build. It is a Tone Bender Mk III, read on them. Q1 and Q2 are not too picky. Q3 is going to require a lot of leakage, 0.2-0.3mA. You'll need to have a largish collection of transistors or be lucky with some purchases. Even with the leakage in the right range, you may need to play with different transistors to get the best out of it.

It's also an old school fuzz, so it expects direct interaction with your pickups and needs to be before anything else in your chain.

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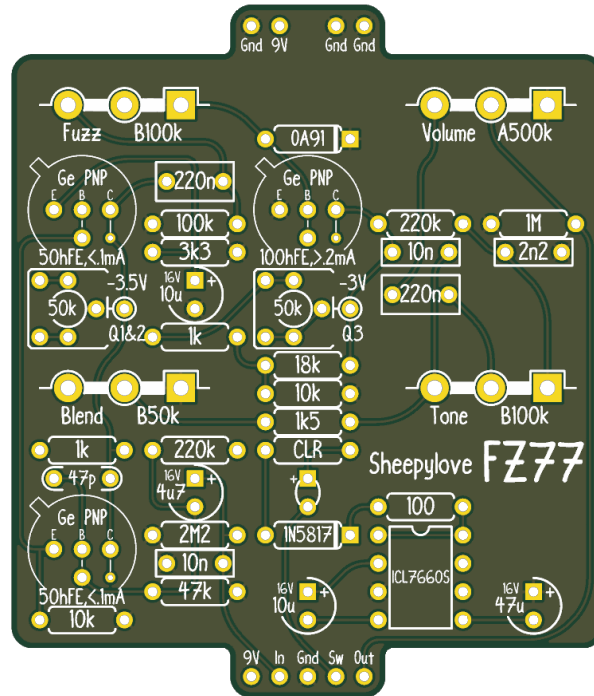
Bill of Materials

Reference	Value	Quantity	Notes
C1,C6	10u	2	
C2	47u	1	
C3,C8	10n	2	
C4	4u7	1	
C5	47p	1	
C7,C10	220n	2	
C9	2n2	1	
D1	1N5817	1	
D2	LED	1	
D3	0A91	1	
IC1	ICL7660S	1	
POT1	A500k	1	
POT2,POT5	B100k	2	
POT6	B50k	1	
Q1-Q3	Ge PNP	3	
R1	CLR	1	
R2	2M2	1	
R3	100	1	
R4	47k	1	
R5,R13	220k	2	
R6,R11	10k	2	
R7	3k3	1	
R8,R12	1k	2	
R9	100k	1	
R10	18k	1	
R14	1k5	1	
R15	1M	1	
RV1,RV2	50k	2	

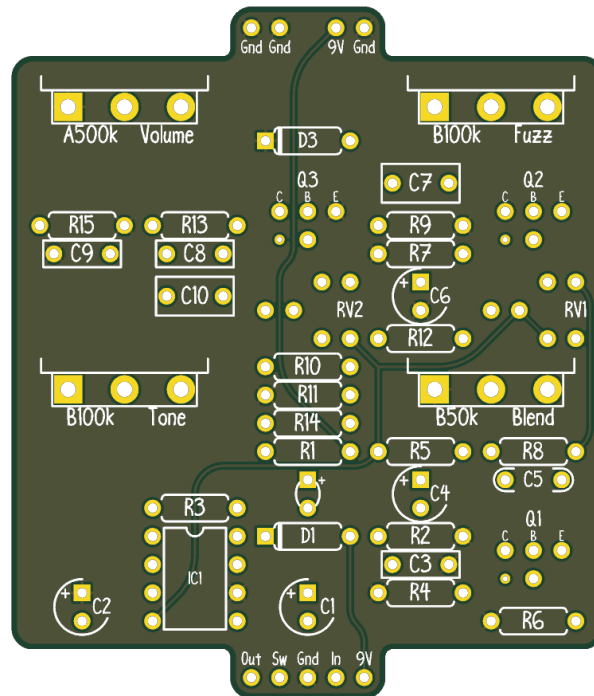
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PCB Images

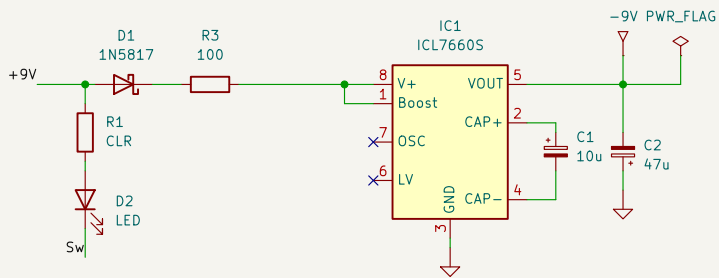
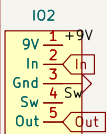
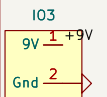
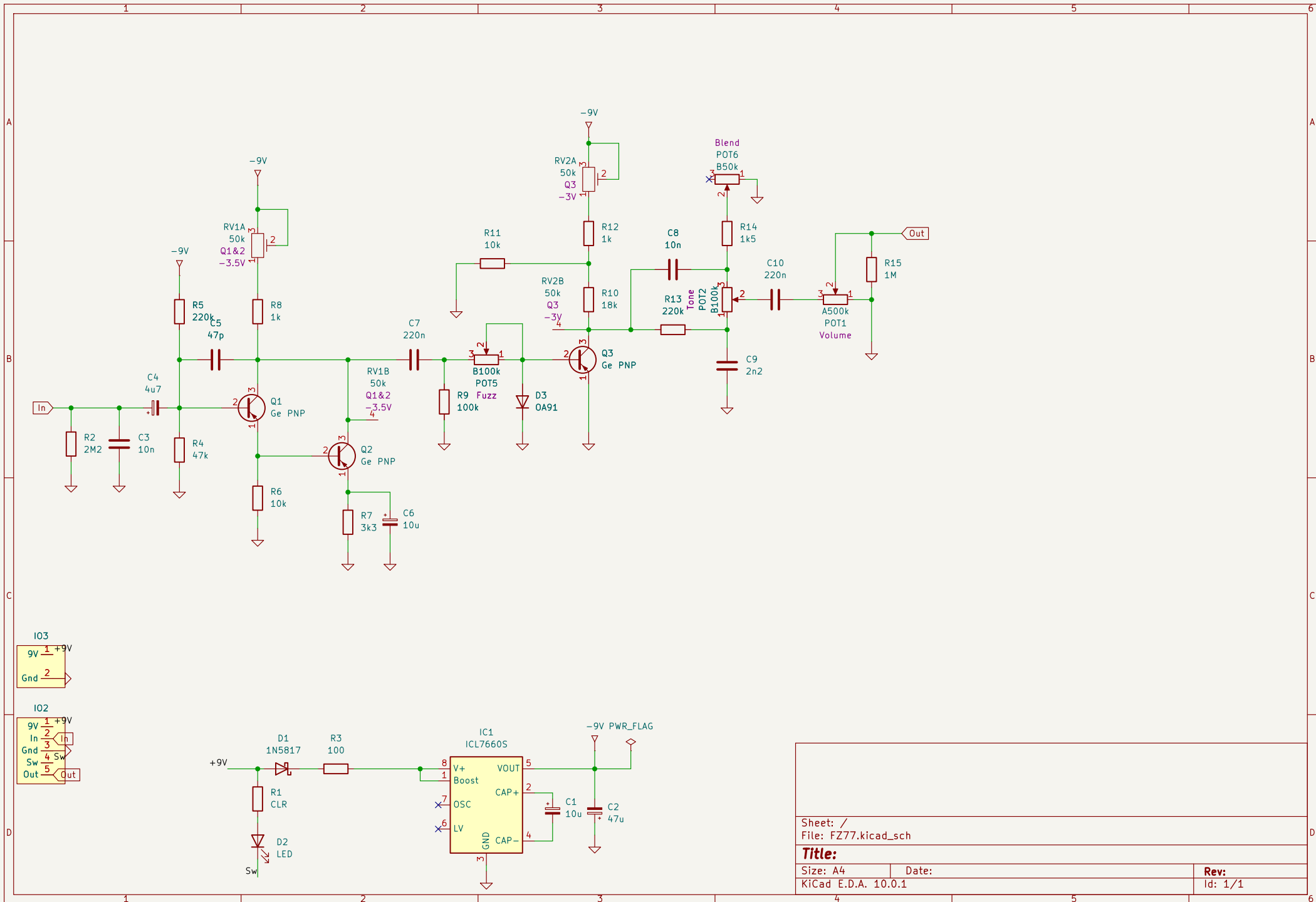
Top View



Bottom View



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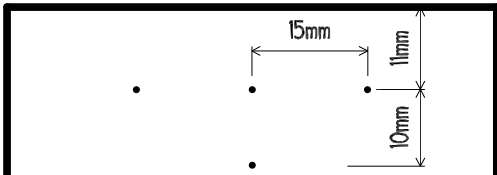


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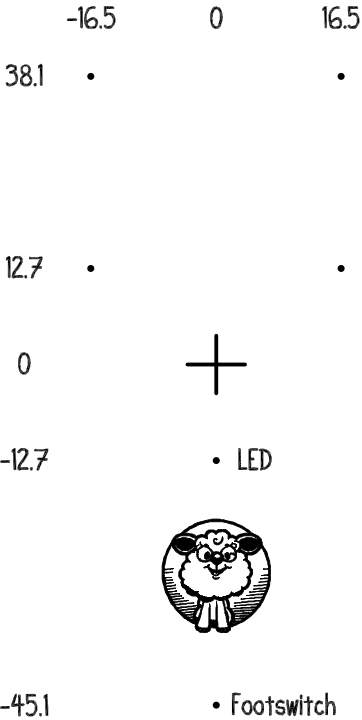
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With a sheepy kind of love.

Sheepylove Drill Template



Print 1:1 scale.
All units are in millimeters.