

Sheepylove Dark Sheep Build Doc

Updated: 2026-08-20

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

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Sounds like Boss MT-2

Metal? It's a lot of parts. It does metal. Metal.

Build notes

It's a tight squeeze at the top of the board.

Use SMD components for the transistors (BC850C or MMBT5089) up the top. You can use through-hole, but you'll need to make sure they're out of the way of the top jacks.

Similarly, Lumberg jacks are recommended. Something small and out of the way. Depending on the footswitch you use, you may be able to move the drill holes down 3-4mm.

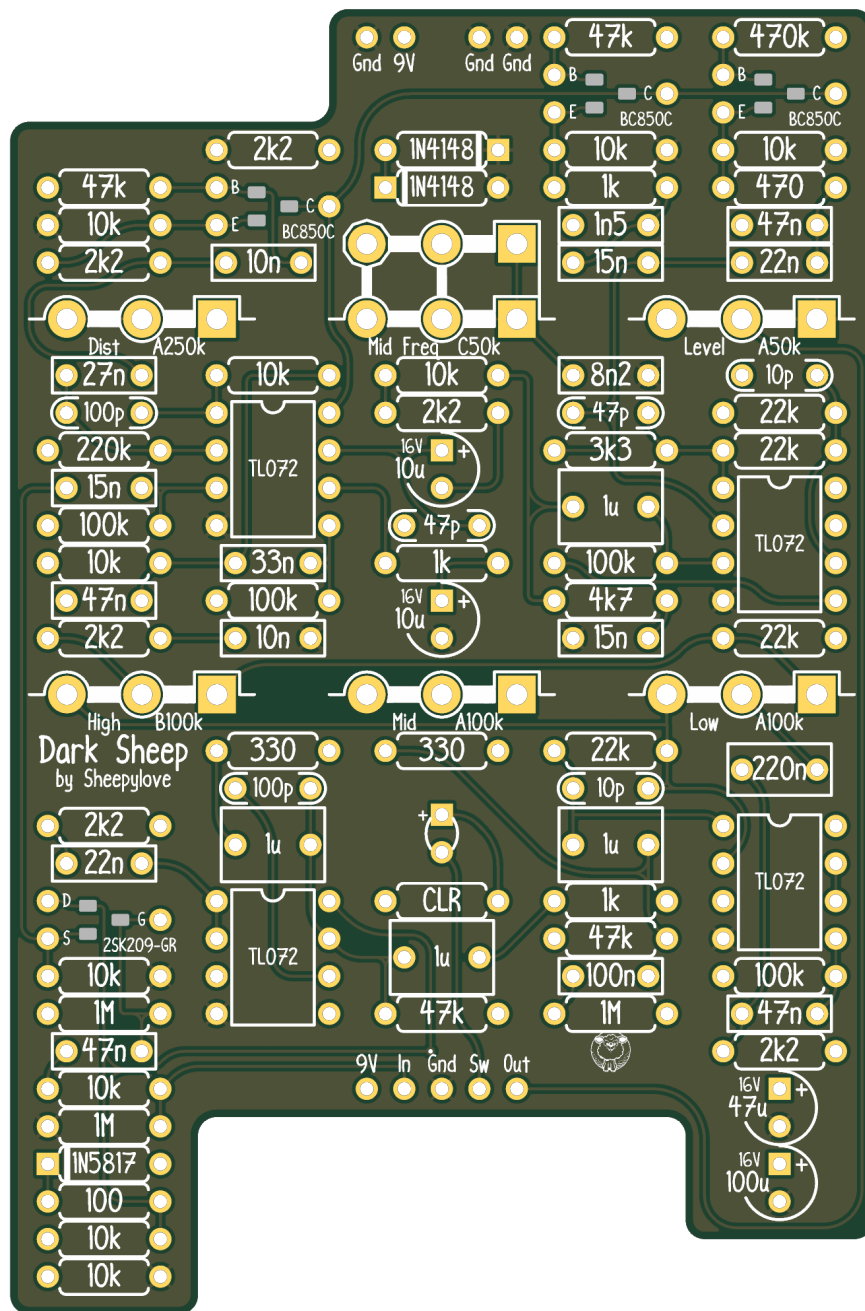
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Bill of Materials

Reference	Value	Quantity	Notes
C1	100u	1	
C2	47u	1	
C3,C10,C19,C24	47n	4	
C4,C15,C20	15n	3	
C5,C8	100p	2	
C6	27n	1	
C7,C25	10n	2	
C11	33n	1	
C12,C17	47p	2	
C13,C14	10u	2	
C16,C27,C28,C32	1u	4	
C18,C31	22n	2	
C21	1n5	1	
C22,C26	10p	2	
C23	220n	1	
C29	100n	1	
C30	8n2	1	
D1	1N5817	1	
D2	LED	1	
D3,D4	1N4148	2	Original is 1SS133
IC1-IC4	TL072	4	
POT1	A50k	1	
POT2	C50k	1	
POT3	A250k	1	
POT4,POT5	A100k	2	
POT6	B100k	1	
Q1	2SK209-GR	1	
Q2,Q4,Q5	BC850C	3	BC549/550/849/850 are equivalent, 2N5088 as well
R1	CLR	1	
R2	100	1	
R3-	10k	10	
R5,R7,R12,R16,R17,R21,R25,R28			
R6,R42	1M	2	
R8,R18,R23,R34	100k	4	
R9	220k	1	
R10,R20,R35,R36,R43,R44	2k2	6	
R11,R30,R38,R39	47k	4	
R13	1M	1	RPD
R19,R29,R49	1k	3	
R22	4k7	1	
R24	3k3	1	
R26	470	1	
R27	470k	1	
R31-R33,R37	22k	4	
R40,R41	330	2	

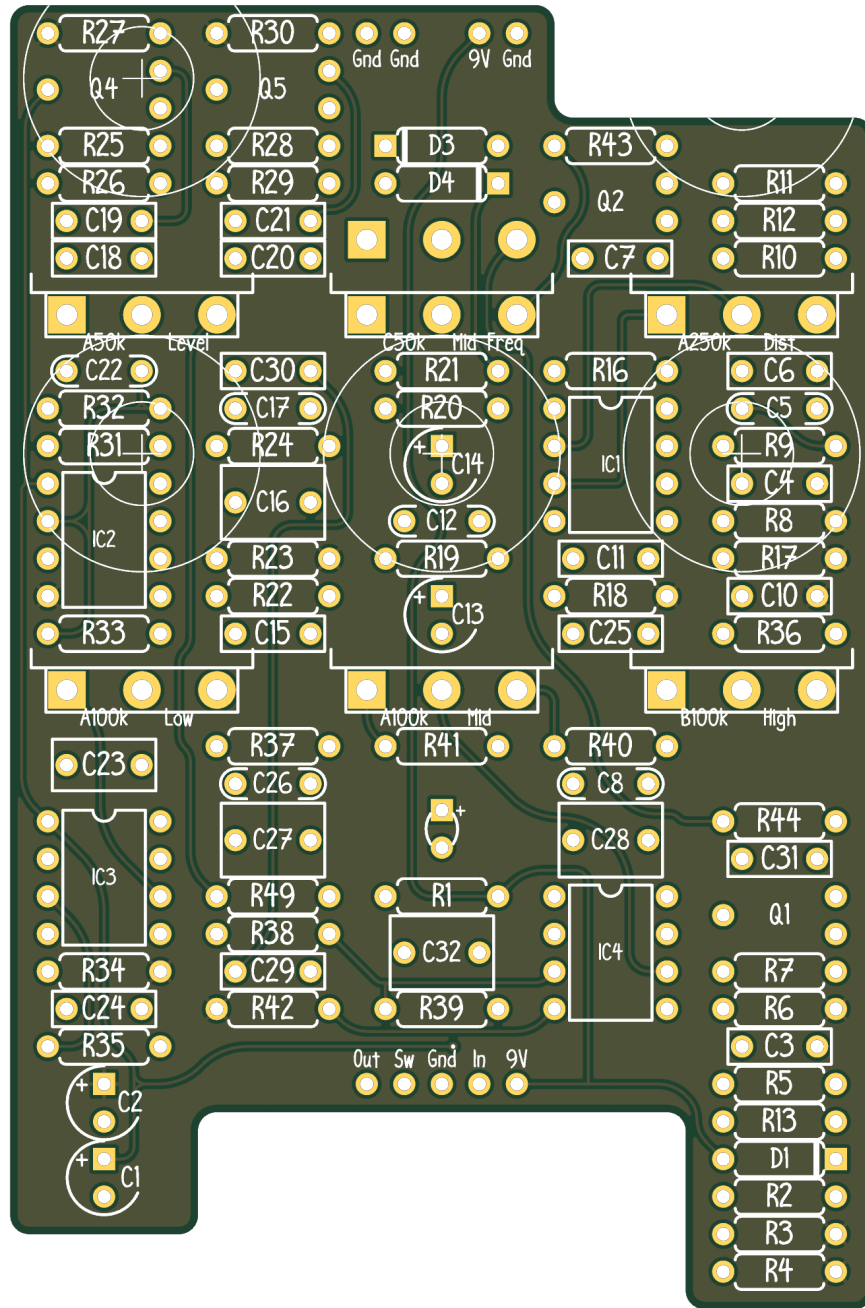
PCB Images

Top View

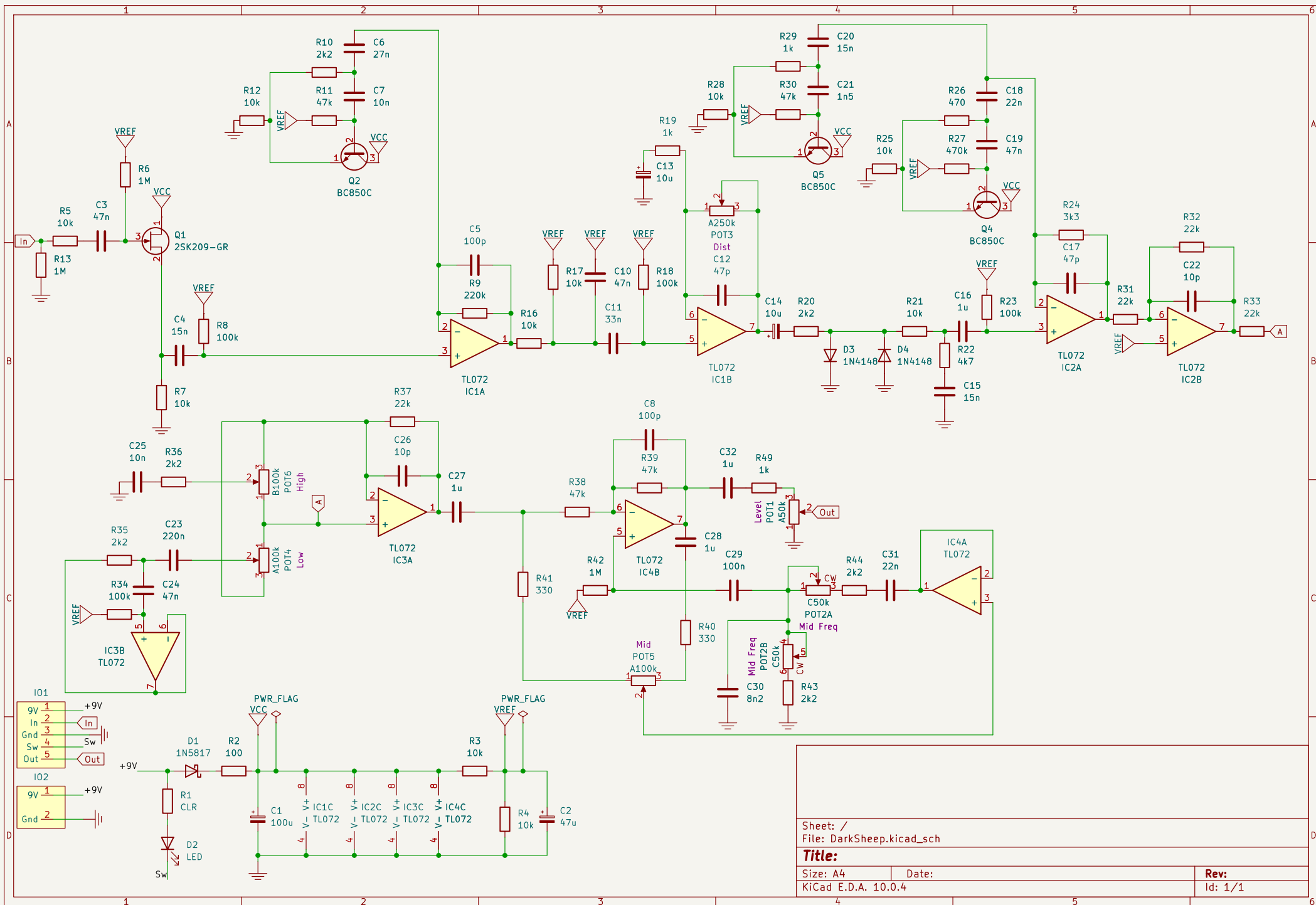


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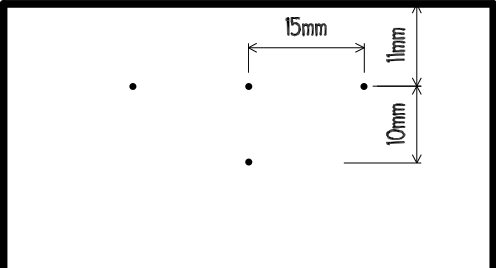
Bottom View



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Sheet: /	
File: DarkSheep.kicad_sch	
Title:	
Size: A4	Date:
KiCad E.D.A. 10.0.4	Rev:
	Id: 1/1



Sheepylove Drill Template

-20.3 0 20.3
38.1 • • •

12.7 • • •

0 +

-12.7 • LED



-45.1 • Footswitch

All units are in millimeters.