Sheepylove Hot Teacher Build Doc

Updated: 2026-03-18

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

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Sounds like LPD Sixty8 with mods by Celestial Engineering
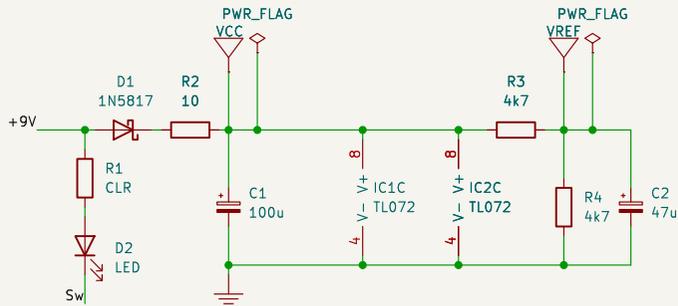
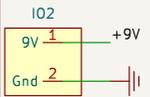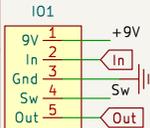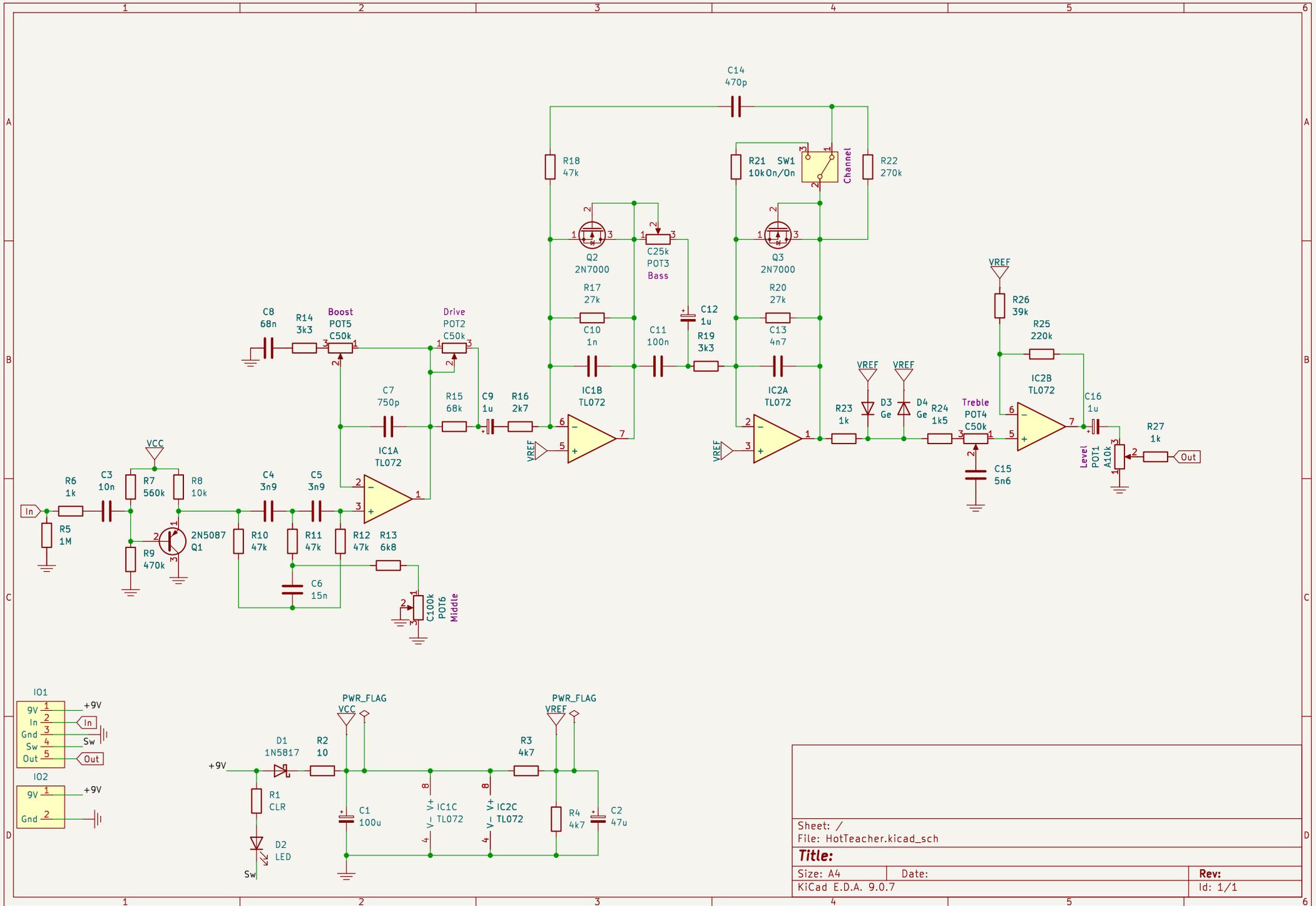Add a boost control, change up the EQ, it's another fun improvement on a great pedal.

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Bill of Materials

Reference	Value	Quantity	Notes
C1	100u	1	
C2	47u	1	
C3	10n	1	
C4,C5	3n9	2	
C6	15n	1	
C7	750p	1	
C8	68n	1	
C9,C12,C16	1u	3	
C10	1n	1	
C11	100n	1	
C13	4n7	1	
C14	470p	1	
C15	5n6	1	
D1	1N5817	1	
D2	LED	1	
D3,D4	Ge	2	Any Ge diodes will work.
IC1,IC2	TL072	2	
POT1	A10k	1	
POT2,POT4,POT5	C50k	3	
POT3	C25k	1	
POT6	C100k	1	
Q1	2N5087	1	
Q2,Q3	2N7000	2	2N7002 for SMD
R1	CLR	1	
R2	10	1	
R3,R4	4k7	2	
R5	1M	1	
R6,R23,R27	1k	3	
R7	560k	1	
R8,R21	10k	2	
R9	470k	1	
R10−R12,R18	47k	4	
R13	6k8	1	
R14,R19	3k3	2	
R15	68k	1	
R16	2k7	1	
R17,R20	27k	2	
R22	270k	1	
R24	1k5	1	
R25	220k	1	
R26	39k	1	

Reference	Value	Quantity	Notes
SW1	On/On	1	

PCB Images

Top View

Bottom View

C14
470p

R18
47k

R21   SW1
10kOn/On

Channel

R22
270k

Q2
2N7000

C25k
POT3
Bass

Q3
2N7000

VREF

R26
39k

R25
220k

R17
27k

R20
27k

IC2B
TL072

C16
1u

Boost
POT5
C50k

Drive
POT2
C50k

C8
68n

R14
3k3

C7
750p

R15
68k

C9
1u

R16
2k7

C10
1n

C11
100n

R19
3k3

C12
1u

C13
4n7

R27
1k

Out

VCC

IC1B
TL072

IC2A
TL072

VREF   VREF

D3   D4
Ge   Ge

R23
1k

R24
1k5

Treble
POT4
C50k

Level
POT1
A10k

C15
5n6

R6
1k

C3
10n

R7
560k

R8
10k

C4
3n9

C5
3n9

R12
47k

R13
6k8

VREF

In

R5
1M

2N5087
Q1

R9
470k

R10
47k

R11
47k

C6
15n

IC1A
TL072

C100k
POT6
Middle

IO1

9V   1
In   2   In
Gnd   3
Sw   4   Sw
Out   5   Out

IO2

9V   1   +9V
Gnd   2

+9V

PWR_FLAG
VCC

PWR_FLAG
VREF

D1
1N5817

R2
10

R3
4k7

C1
100u

IC1C
TL072

IC2C
TL072

R4
4k7

C2
47u

R1
CLR

D2
LED

Sw

15mm

11mm

10mm

Sheepylove Drill Template

	-20.3	0	20.3
38.1	•	•	•
12.7	•	•	•
0		+	
-12.7	•	• LED	

-45.1   • Footswitch

All units are in millimeters.