EHX-LPB1 Clone

Input Jack
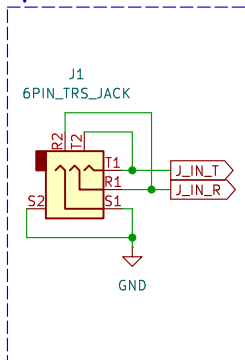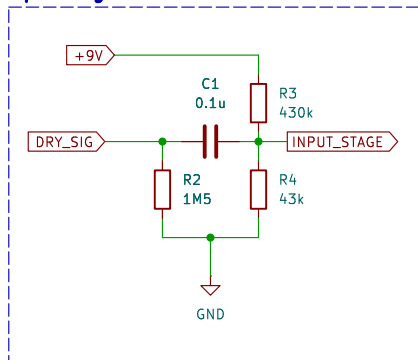
J1
6PIN_TRS_JACK

J_IN_T
J_IN_R

GND

Input Stage

+9V

C1
0.1u

R3
430k

DRY_SIG

INPUT_STAGE

R2
1M5

R4
43k

GND

Amplifier Stage

+9V

R5
10k

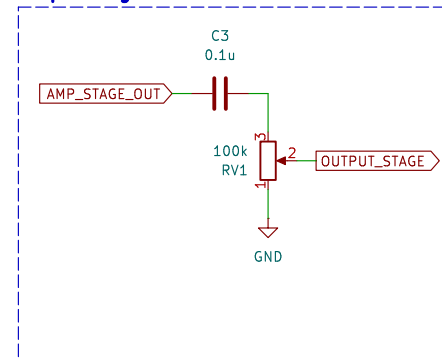AMP_STAGE_OUT

INPUT_STAGE

B

Q1
NPN

R6
390

GND

Output Stage

C3
0.1u

AMP_STAGE_OUT

100k
RV1

OUTPUT_STAGE

GND

Ouput Jack

J4
6PIN_TRS_JACK

J_OUT_T

T1
R1
S1
S2

GND

Power Circuitry

D1
1N4001

+9V

9V_IN
J2

JACK+
BAT+

3
2
1

BT1
9V

D2
LED

R1
390

LED

C2
100u

GND

J_IN_R

3PDT Switch

J3
Conn_01x06_Pin

1 J_IN_T
2 DRY_SIG
3 LED
4
5 OUTPUT_STAGE
6 J_OUT_T

GND

Simulation Only

+9V

V1

+9V

GND

INPUT_STAGE

V2

Guitar Signal IN

GND

dc=0 ampl=1 f=1k td=0 theta=0 phase=0 ac=1
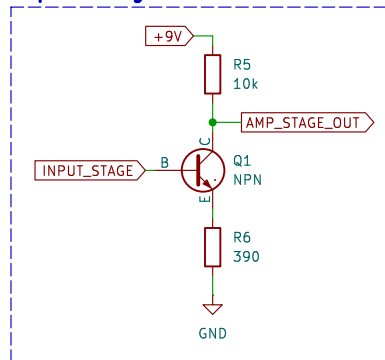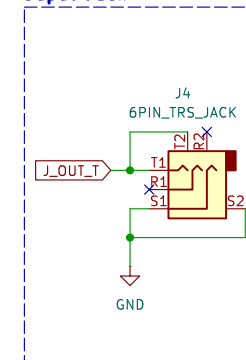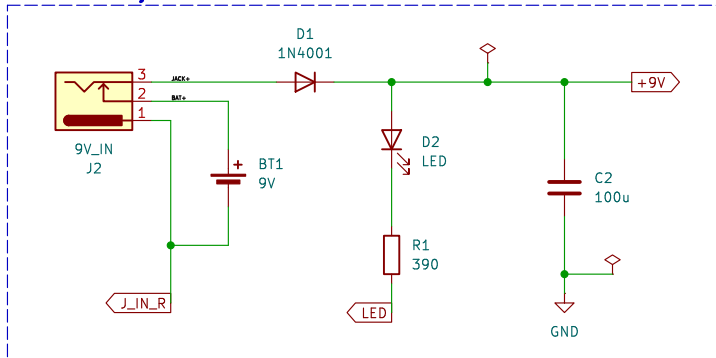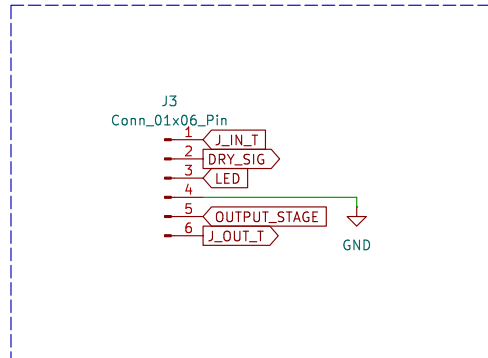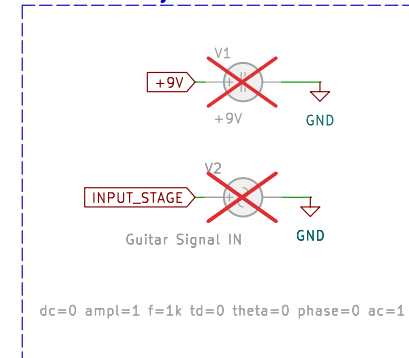
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Title: EHX LPB1 Clone
Size: A4   Date: 2025-11-03   Rev: 0
KiCad E.D.A. 9.0.2   Id: 1/1