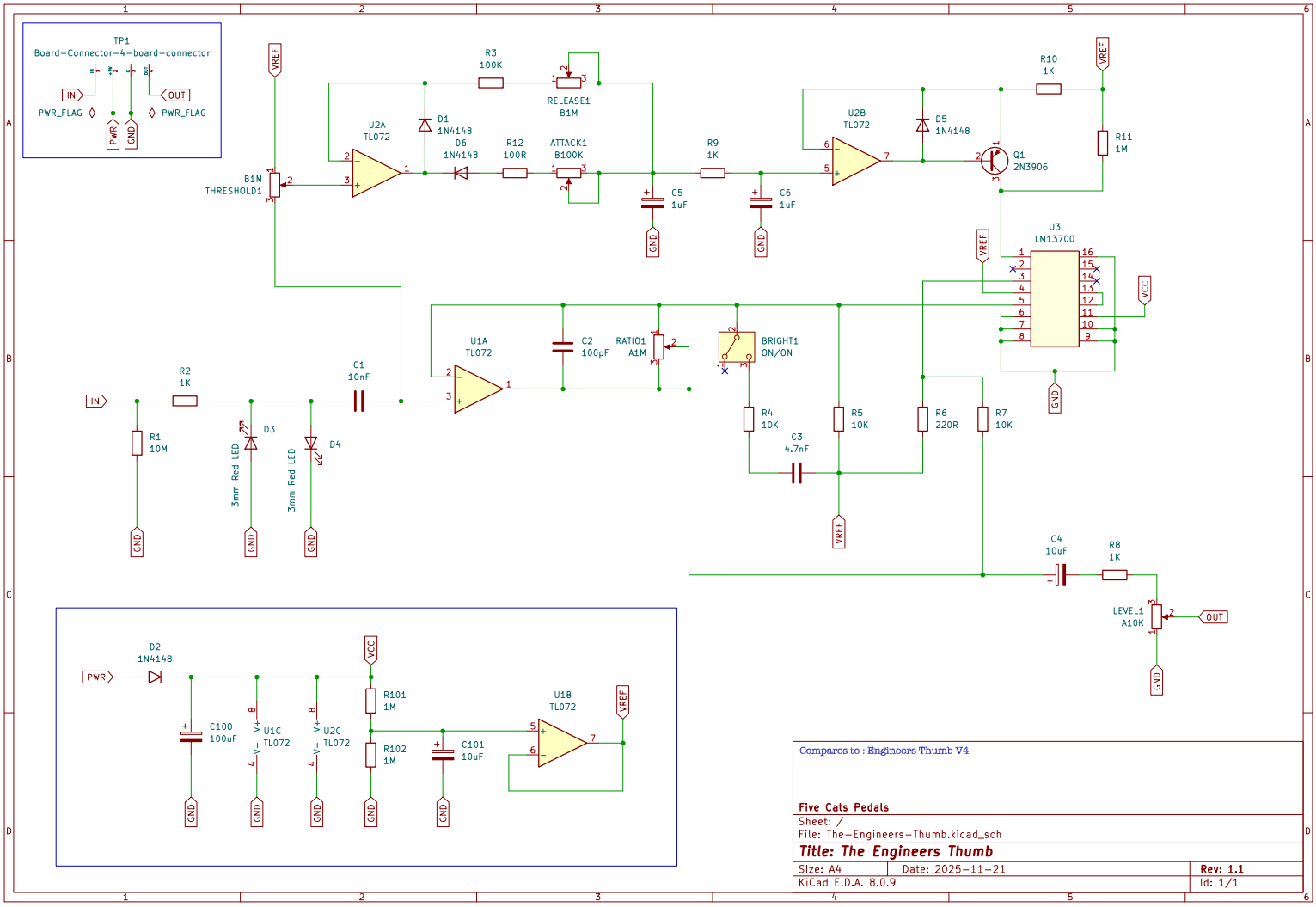
TP1
Board-Connector-4-board-connector
IN
OUT
PWR_FLAG
PWR_FLAG
PWR
GND
VREF
R3
100K
RELEASE1
B1M
U2A
TL072
D1
1N4148
D6
1N4148
R12
100R
ATTACK1
B100K
R9
1K
B1M
THRESHOLD1
C5
1uF
C6
1uF
U2B
TL072
D5
1N4148
R10
1K
R11
1M
Q1
2N3906
U3
LM13700
VCC
U1A
TL072
C2
100pF
RATIO1
A1M
BRIGHT1
ON/ON
R2
1K
C1
10nF
IN
R1
10M
D3
3mm Red LED
D4
3mm Red LED
R4
10K
R5
10K
R6
220R
R7
10K
C3
4.7nF
C4
10uF
R8
1K
LEVEL1
A10K
OUT
D2
1N4148
C100
100uF
U1C
TL072
U2C
TL072
R101
1M
R102
1M
C101
10uF
U1B
TL072
Compares to : Engineers Thumb V4
Five Cats Pedals
Sheet: /
File: The-Engineers-Thumb.kicad_sch
Title: The Engineers Thumb
Size: A4
Date: 2025-11-21
Rev: 1.1
KiCad E.D.A. 8.0.9
Id: 1/1