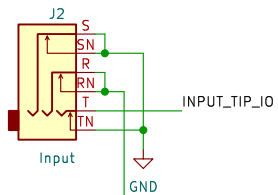
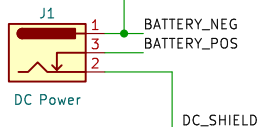


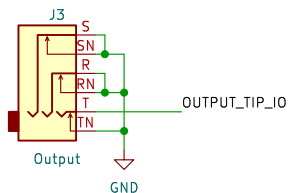
Connectors



BATTERY_NEG 1 J4 Battery Negative (optional)
BATTERY_POS 1 J5 Battery Positive (optional)



EFFECT_OUTPUT_IO 1 J6
9V0_IO 2
GND 3
EFFECT_INPUT_IO 4
IO/Effect Connector 1 (IO Side) [E1]

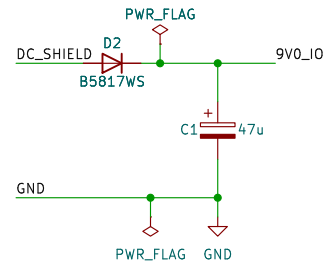


INPUT_TIP_IO 1 J7
2
3
OUTPUT_TIP_IO 4
IO/Switch Connector 1 (IO Side) [S1] IO/Switch Connector 1 (Switch Side) [S1]

EFFECT_OUTPUT_IO 1 J8
9V0_IO 2
GND 3
EFFECT_INPUT_IO 4
IO/Switch Connector 2 (IO Side) [S2] IO/Switch Connector 2 (Switch Side) [S2]

INPUT_TIP_SW 1 J9
2
3
OUTPUT_TIP_SW 4
EFFECT_OUTPUT_SW 1 J10
2 9V0_SW
3 GND_SW
4 EFFECT_INPUT_SW

Power (IO board)



Signal flow explanation

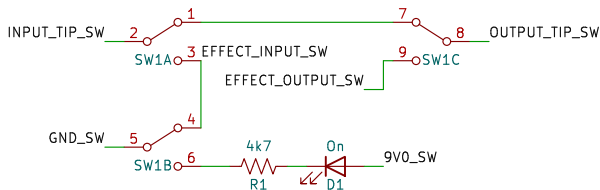
Effect on:

1. ->input (io pcb)
2. input_tip_io -(S1)-> input_tip_sw -> effect_input_sw
3. effect_input_sw -(S2)-> effect_input_io
4. effect_input_io -(E1)-> effect pcb
5. effect pcb -(E1)-> effect_output_io
6. effect_output_io -(S2)-> effect_output_sw -> output_tip_sw
7. output_tip_sw -(S1)-> output_tip_io
8. ->output (io pcb)

Effect off:

1. ->input (io pcb)
2. input_tip_io -(S1)-> input_tip_sw -> output_tip_sw
3. output_tip_sw -(S1)-> output_tip_io
4. ->output (io pcb)

3PDT w/ LED Indicator (switch board)



github.com/whbeers/noise_floor

Sheet: /

File: noise_floor.kicad_sch

Title: Noise Floor Interface Boards

Size: A4

Date: 2023-03-04

Rev: v0.06

KiCad E.D.A. kicad 7.0.0-da2b9df05c-171-ubuntu22.04.1

Id: 1/1