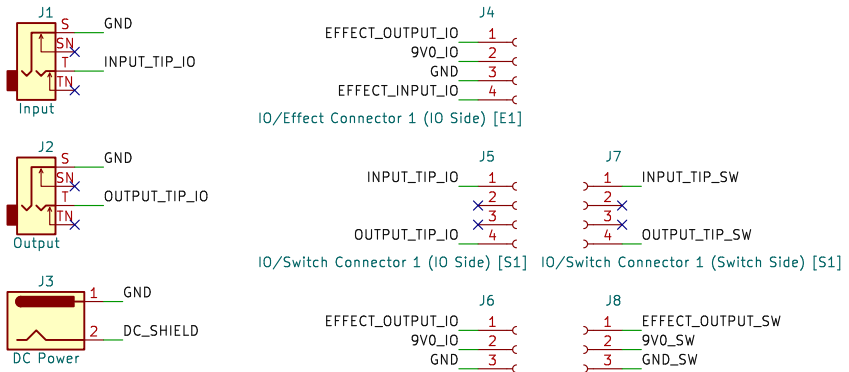
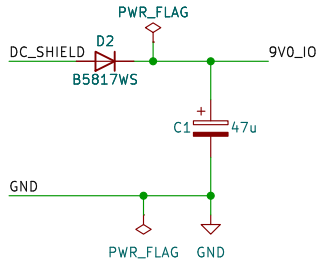
Connectors



Power (IO board)

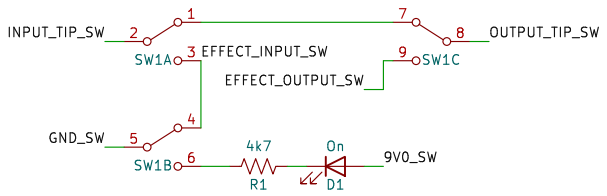


Signal flow explanation

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: 2023-03-03	**Rev: v0.03**
KiCad E.D.A. kicad 7.0.0-da2b9df05c~171~ubuntu22.04.1		Id: 1/1