

Sheet: / File: noise floor.kicad sch Title: Noise Floor Interface Boards Size: A4 Date: 2023-03-26 Rev: v0.31 KiCad E.D.A. kicad-cli 7.0.1-3b83917a11~172~ubuntu22.10.1 ld: 1/1

github.com/whbeers/noise_floor

OUTPUT_TIP_SW

9_{OSW1C}

- Output tip (signal) switch IS NOT grounded, as grounding the output of the circuit when energized could damage

- Input tip (signal) switch IS grounded, to prevent an output signal from being produced when no input cable is

- When a DC source is not plugged into the jack, a BATTERY_POS is connected to the DC_SHIELD net. - When a DC source is plugged in, the switch opens the battery circuit to providing an alternate positive supply.

Battery vs DC supply switching works similarly:

effect circuit components.

present.