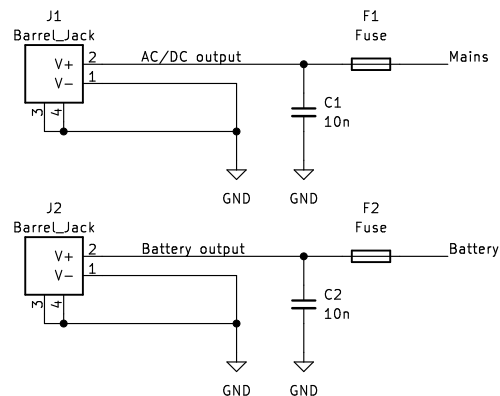
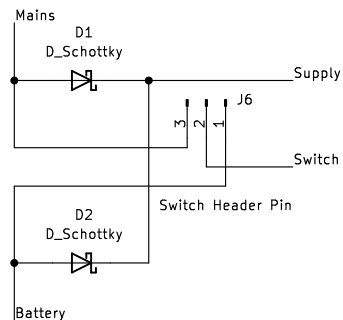


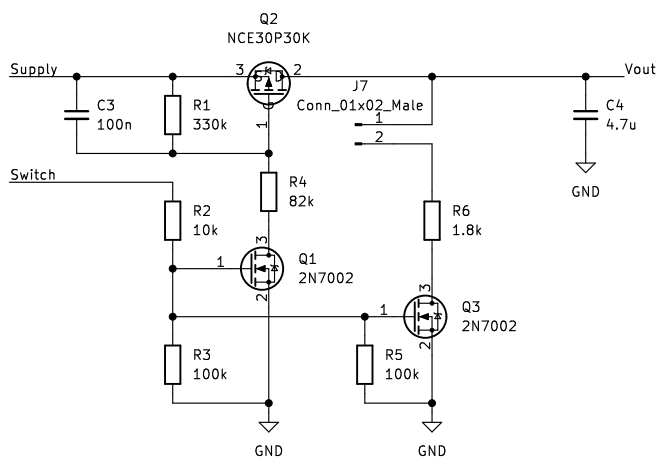
Two DC Jack Inputs



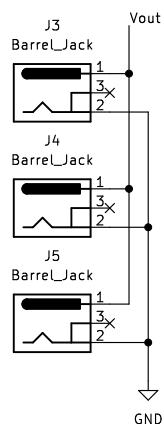
Toggle switch and polarity protection



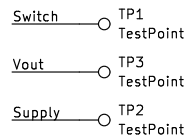
Switching circuit with LED indicator.



DC jack outputs



Test Points



Two inputs, one from mains through an AC/DC converter, and the other from a battery supply. MOSFET switching for choosing between mains and battery input. Output after switching is split between the Intel NUC and Livox AVIA. This is via two DC barrel jacks. An addition DC jack is included .

Project: Sea Ice Imaging
Author: Sarah Tallack
Based off of design by Stanton (2022)
University of Cape Town

Sheet: /
File: Power Distribution.kicad_sch

Title: Power Distribution and Switching

Size: A4
Date: December 2022
KiCad E.D.A. kicad (6.0.8)

Rev: V0
Id: 1/1