

123456

A

Sheet: MCU

File: MCU.sch

Sheet: HV interface

File: HV_interface.sch

Sheet: peripherals

File: peripherals.sch

Sheet: power

File: power.sch

mechanical / graphical

H1 MountingHole

H2 MountingHole

H3 MountingHole

H4 MountingHole

H5 MountingHole

H6 MountingHole

H7 MountingHole

H8 MountingHole

G1 W logo

G2 MISL logo

G3 PurpleDrop logo

UW MISL

Sheet: /

File: PurpleDrop.sch

Title: PurpleDrop Main Board

Size: A4

Date: 2021-08-04

Rev: 6.2

KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

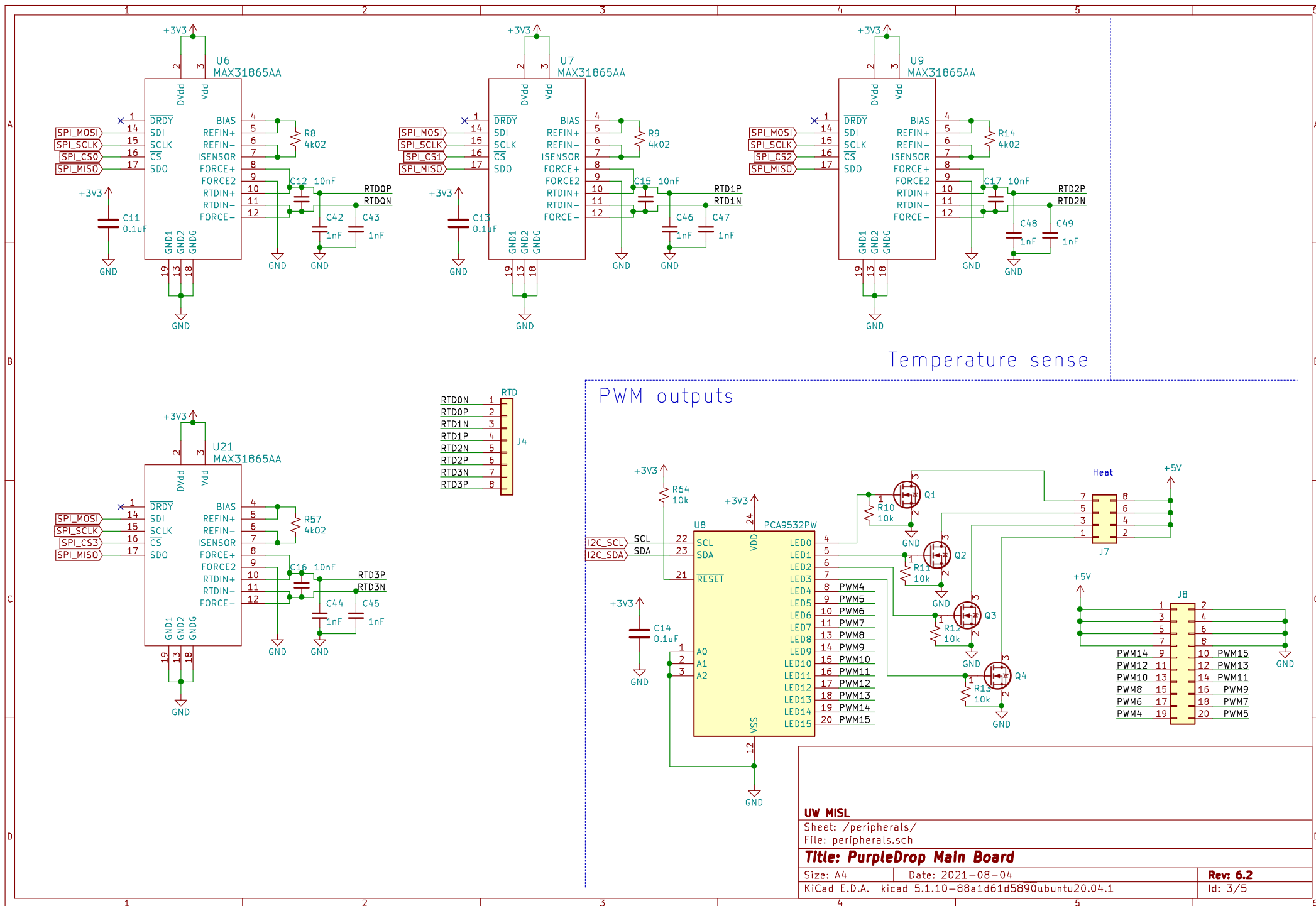
Id: 1/5

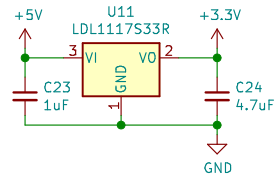
B

C

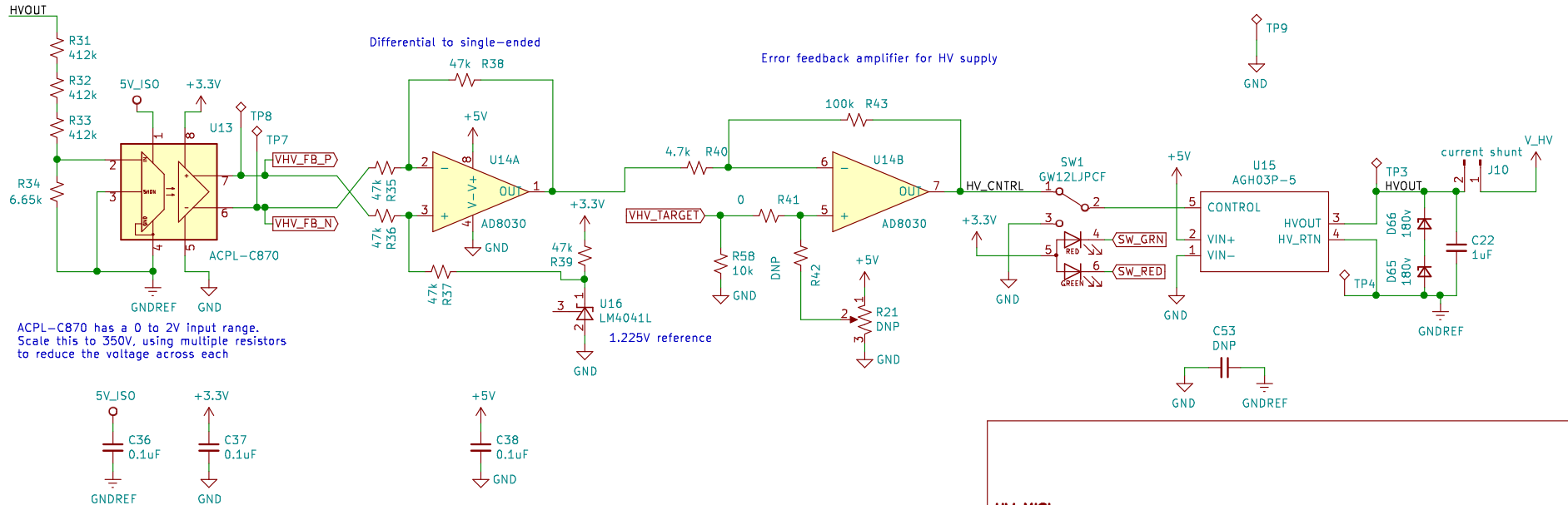
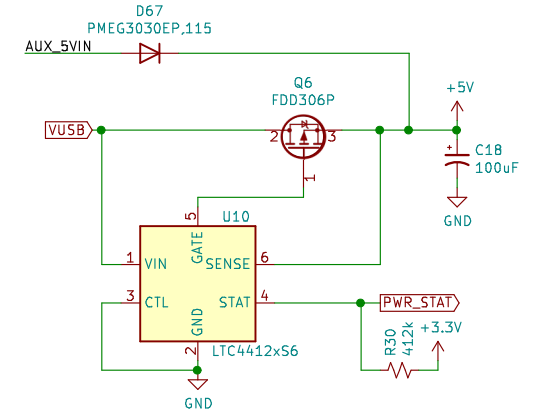
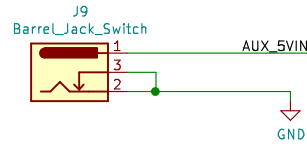
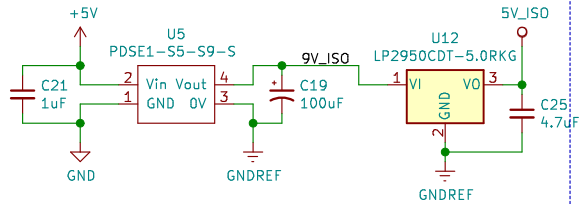
D

6





5V->9V_ISO DC-DC convert stepped back down to 5V_ISO, in order to allow a wider range of input voltage while keeping the 5V supply for HV507 tightly regulated.



UW MISL

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