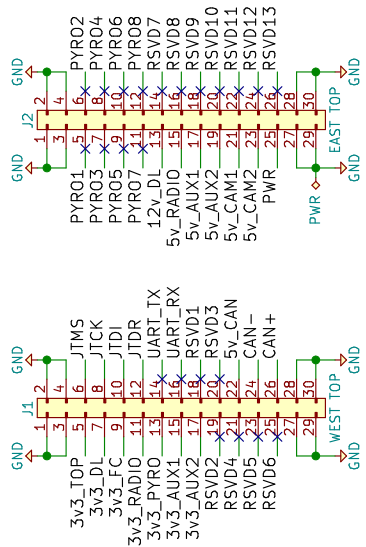
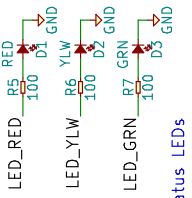
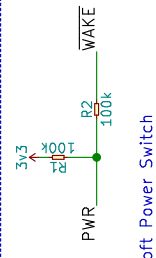
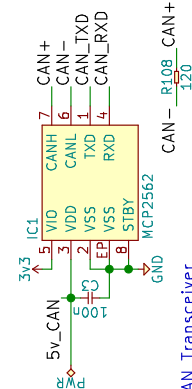
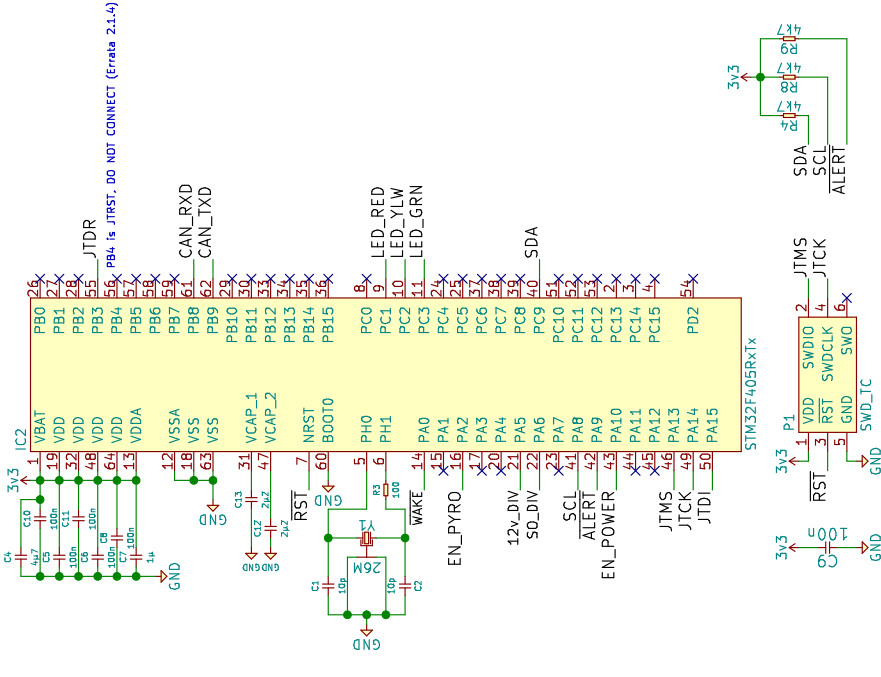


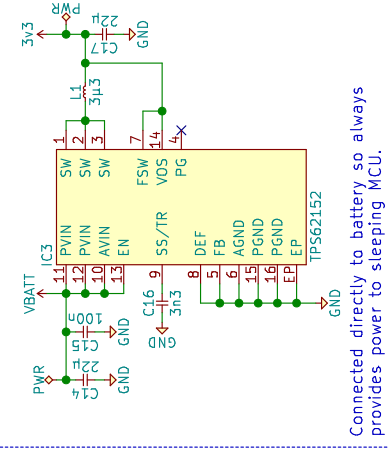
GLOBAL INTERCONNECTS



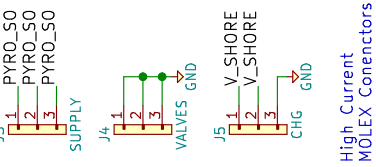
MICROCONTROLLER



Sleep Regulator

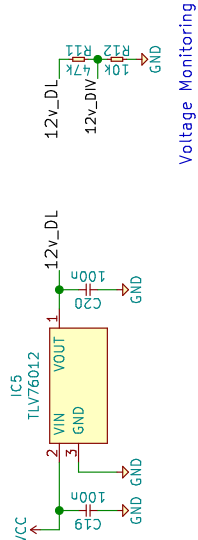


Connected directly to battery so always provides power to sleeping MCU.



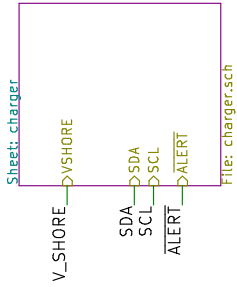
High Current MOLEX Connectors

12v DL Regulator



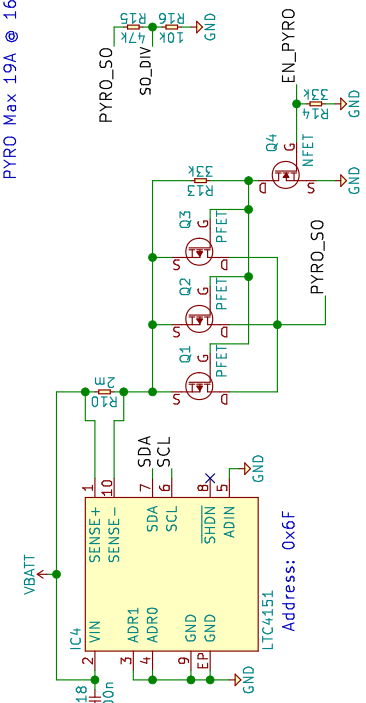
Voltage Monitoring

Charger



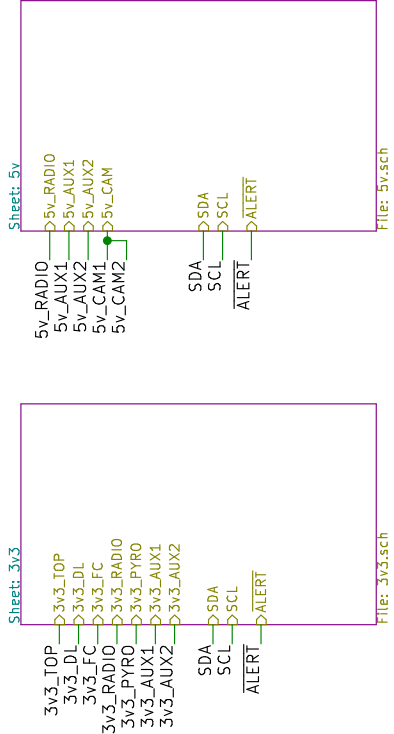
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Pyro Enable



PYRO Max 19A @ 16v

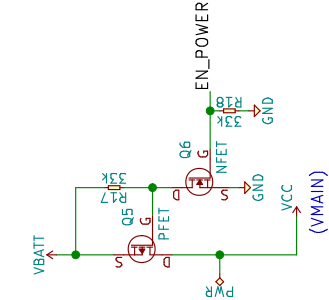
DC-DC Converters



File: 3v3.sch

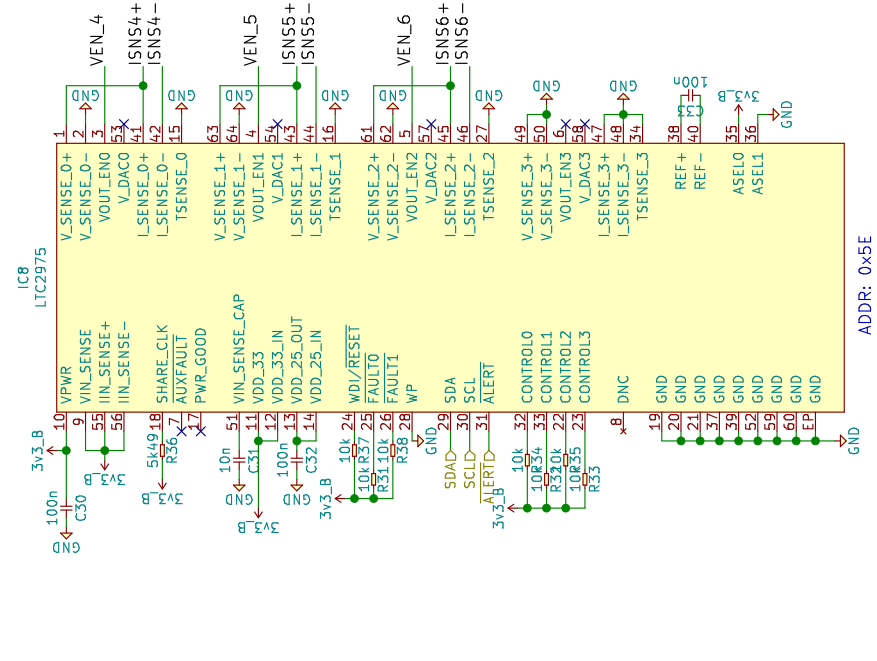
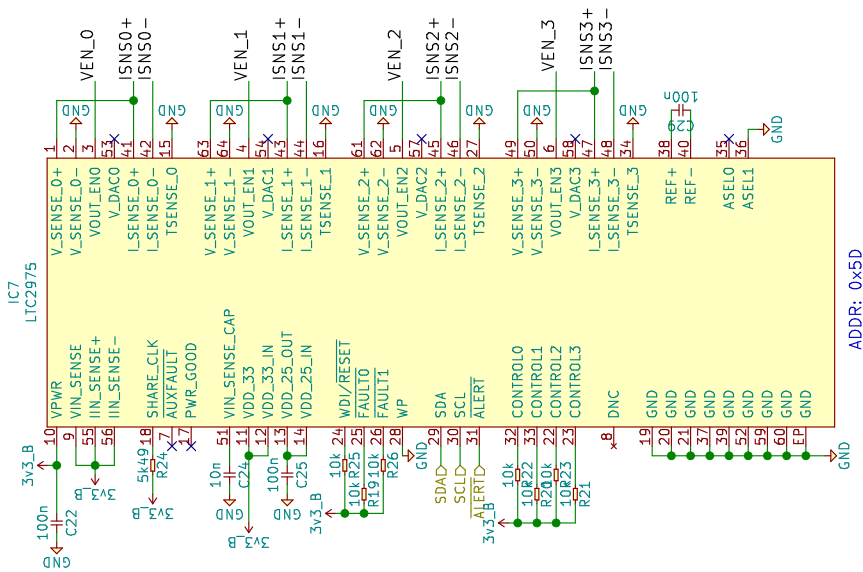
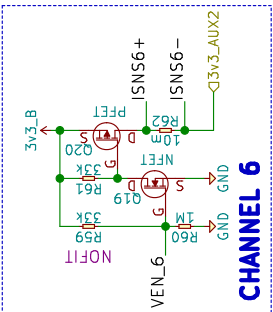
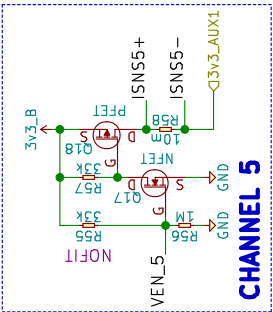
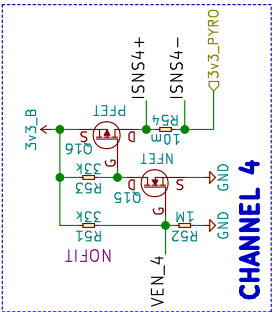
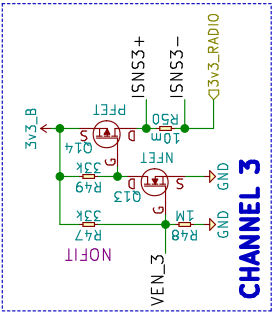
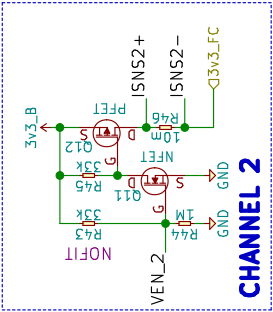
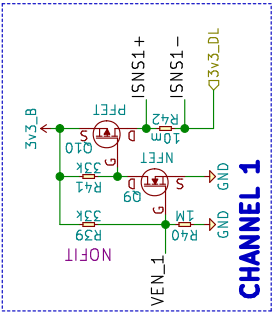
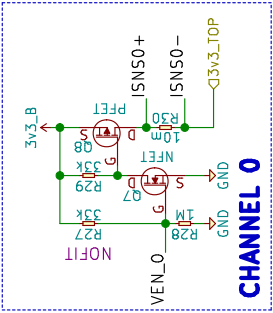
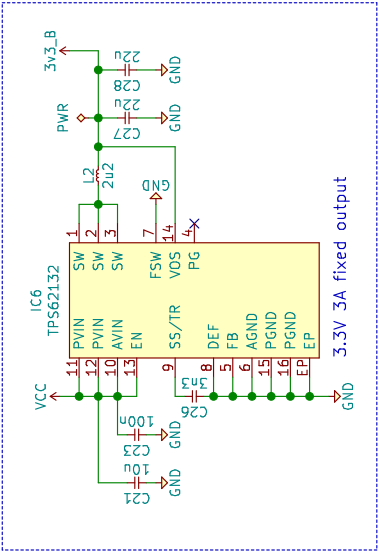
File: 5v.sch

Power Enable



VCC
(VMAIN)

3v3 Supply



Drawn By: Matthew Coates

CU Spaceflight

Sheet: /3v3/

File: 3v3.sch

Title: M4PSU

Size: A3

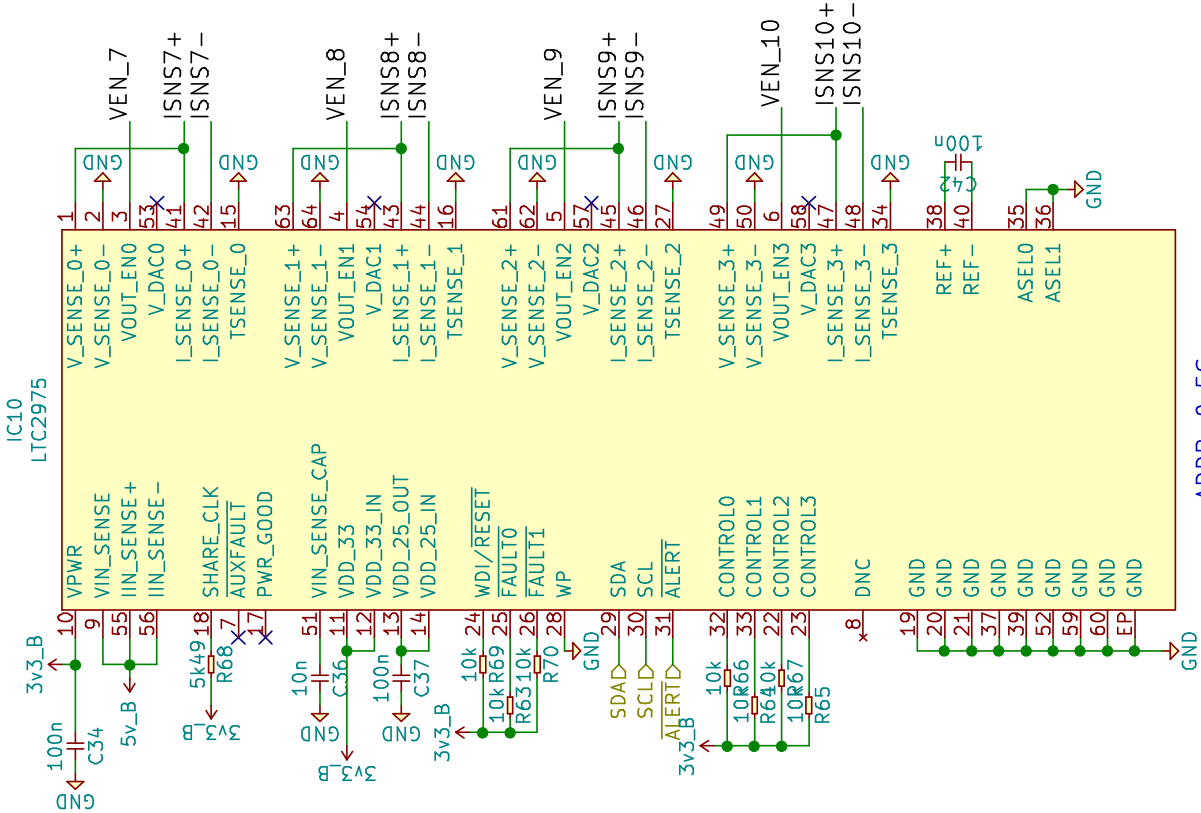
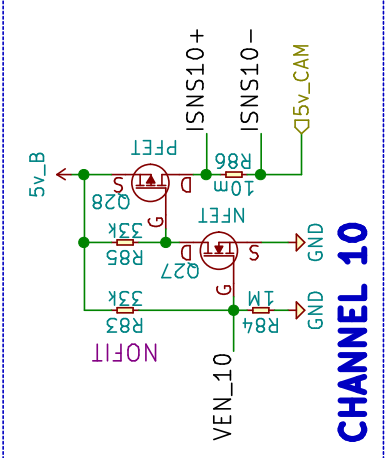
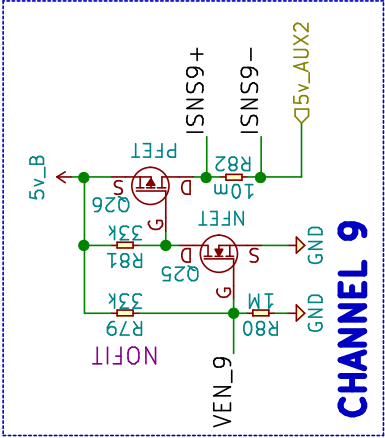
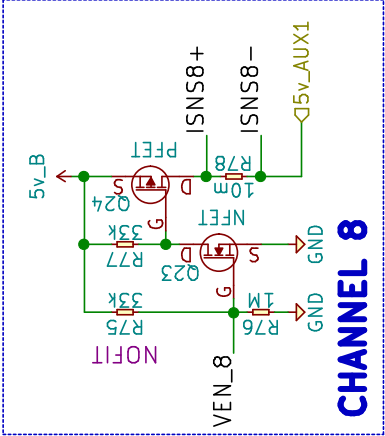
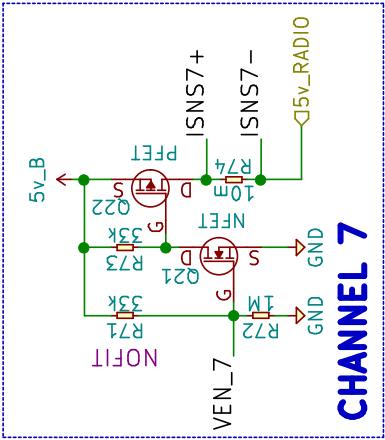
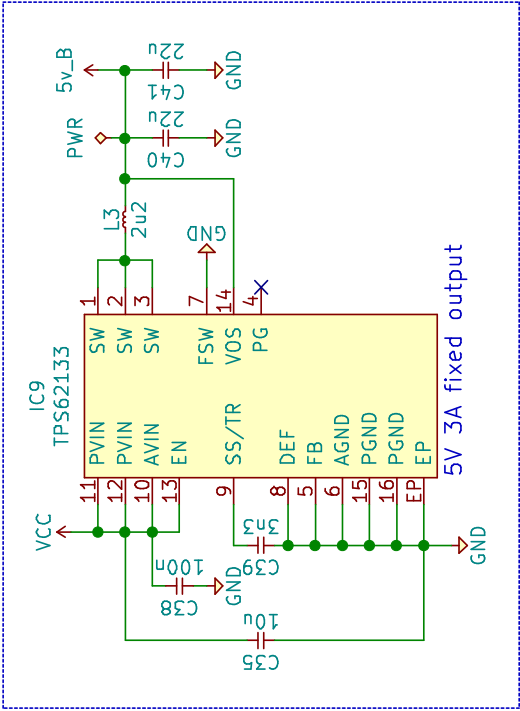
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Rev: 1

Id: 2/4

5v Supply



ADDR: 0x5C

Drawn By: Matthew Coates

CU Spaceflight

Sheet: /5v/

File: 5v.sch

Title: M4PSU

Size: A4 Date: 2018-03-01

KiCad E.D.A. kicad no-vcs-found-dc66b7361ubuntu16.04.1

Rev: 1

Id: 3/4

