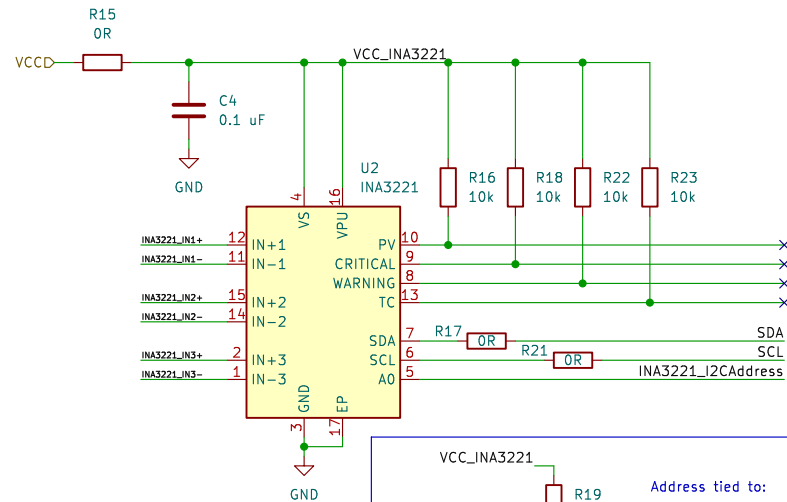
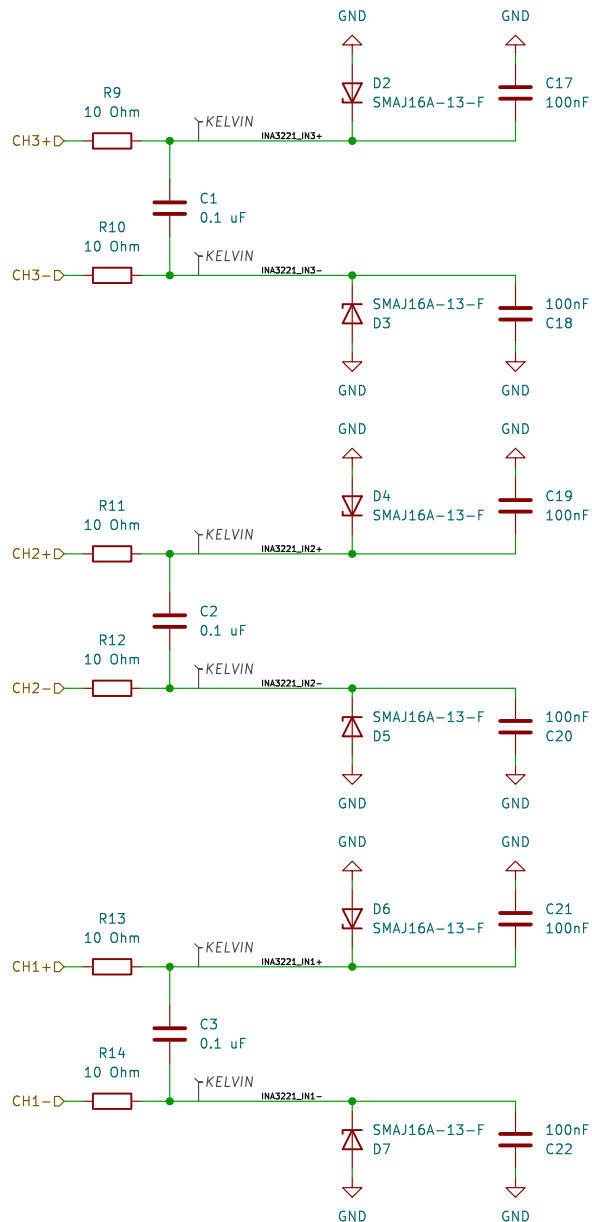
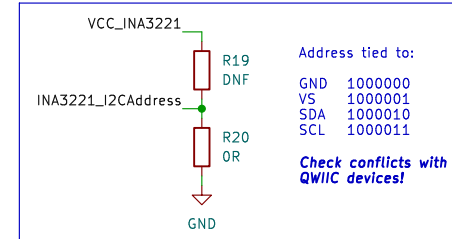


Zener clamp (SMBJ16D) to each INp/INm and 100n cap



Option to add PCF8574 8-bit IO expander here to record output from INA3221 signal pins.
I2C address of PCF8574 is in range 0x40-0x4E depending on address select resistors.

SDA SDA
SCL SCL



Address tied to:
GND 1000000
VS 1000001
SDA 1000010
SCL 1000011

Check conflicts with QWIC devices!

Contact: hawkinsj22@cardiff.ac.uk
Auth: J. D. Hawkins, L. Craw, M. Prior-Jones, E. Fisher
Cardiff University & CryoSkills Organising Committee

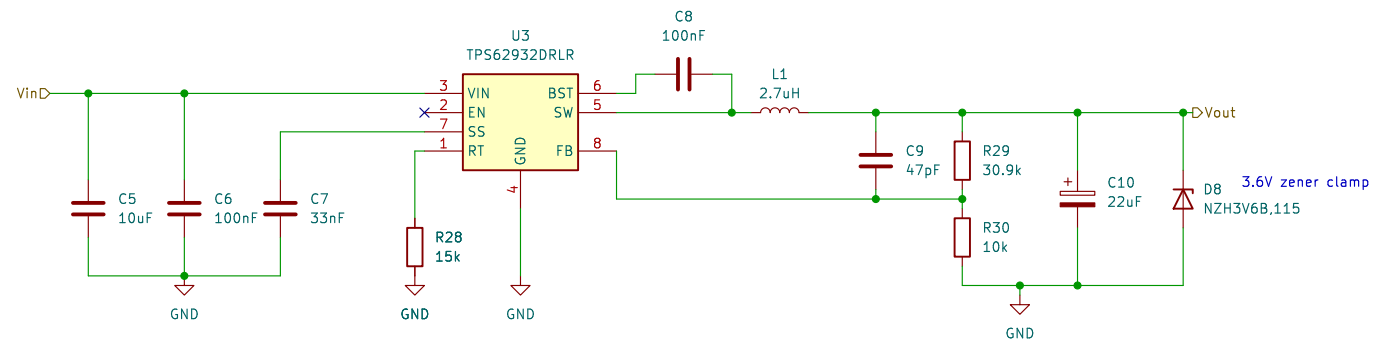
Sheet: /Power Monitor/
File: power_monitor.kicad_sch

Title: CryoSkills Sensor Kit

Size: A4
KiCad E.D.A. kicad 7.0.8

Date:

Rev:
Id: 2/3



Contact: hawkinsj22@cardiff.ac.uk
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Sheet: /Voltage Regulator/
 File: voltage_regulator.kicad_sch

Title: CryoSkills Sensor Kit

Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.8		Id: 4/3