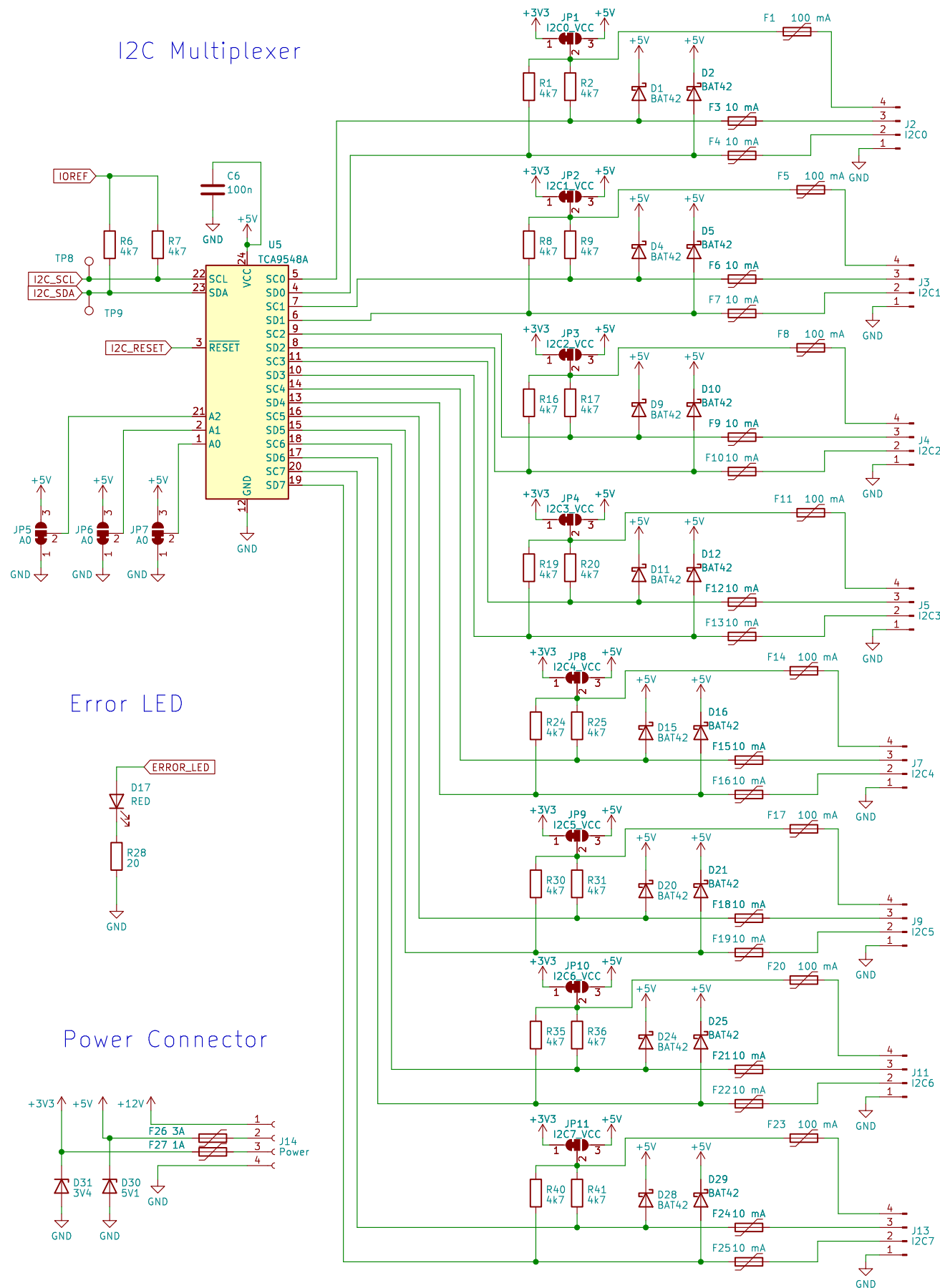
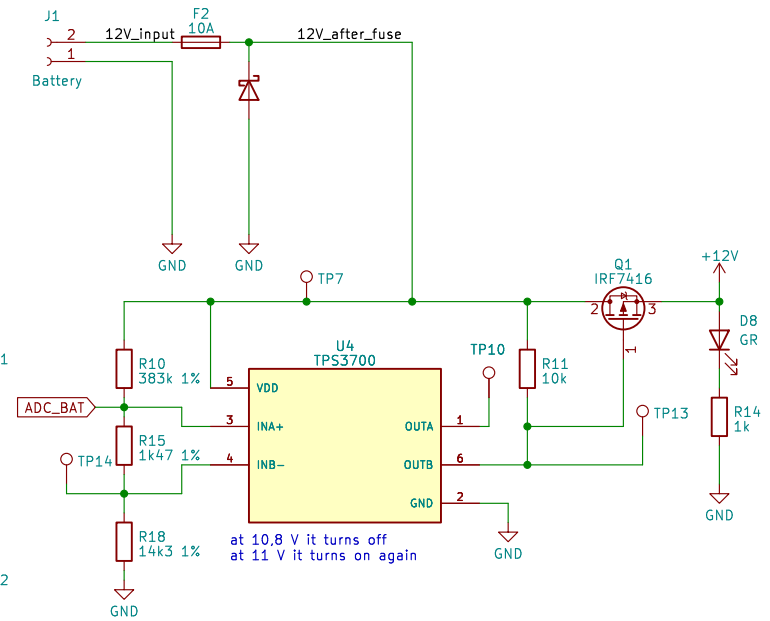


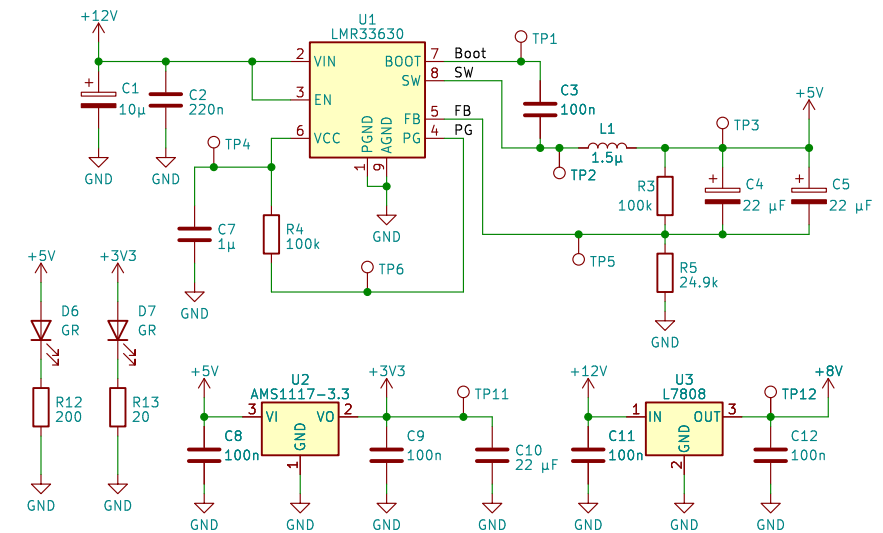
I2C Multiplexer



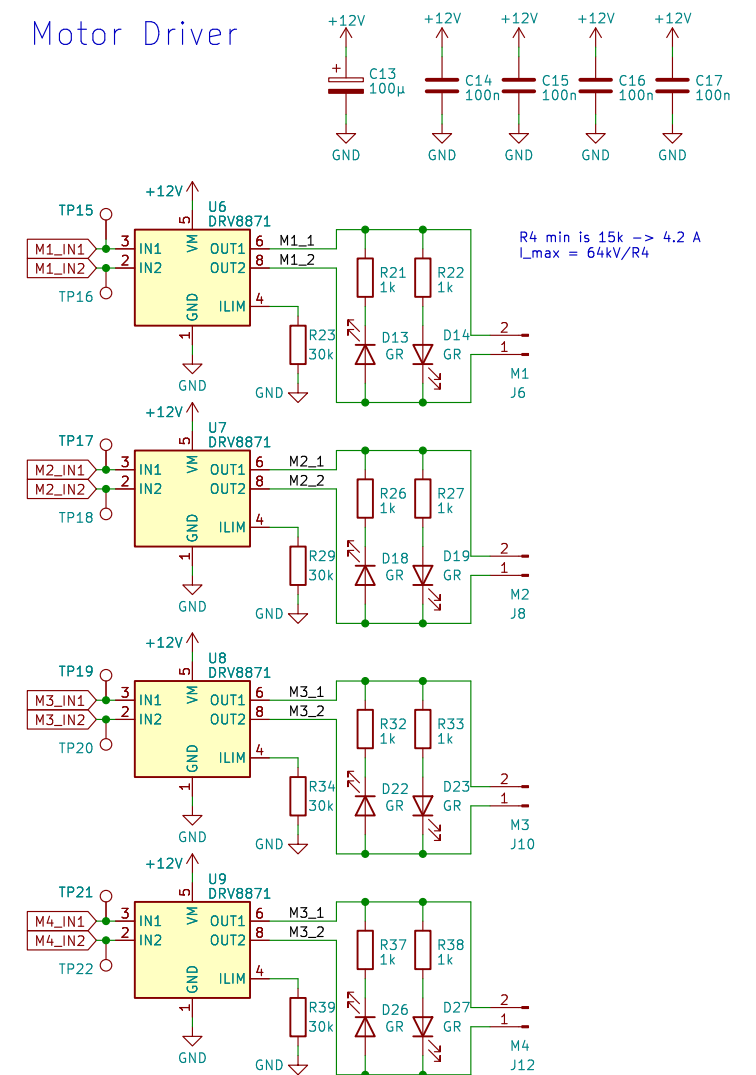
Input Protection Circuit



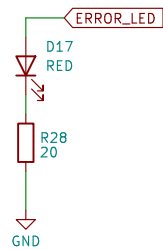
Voltage Regulator



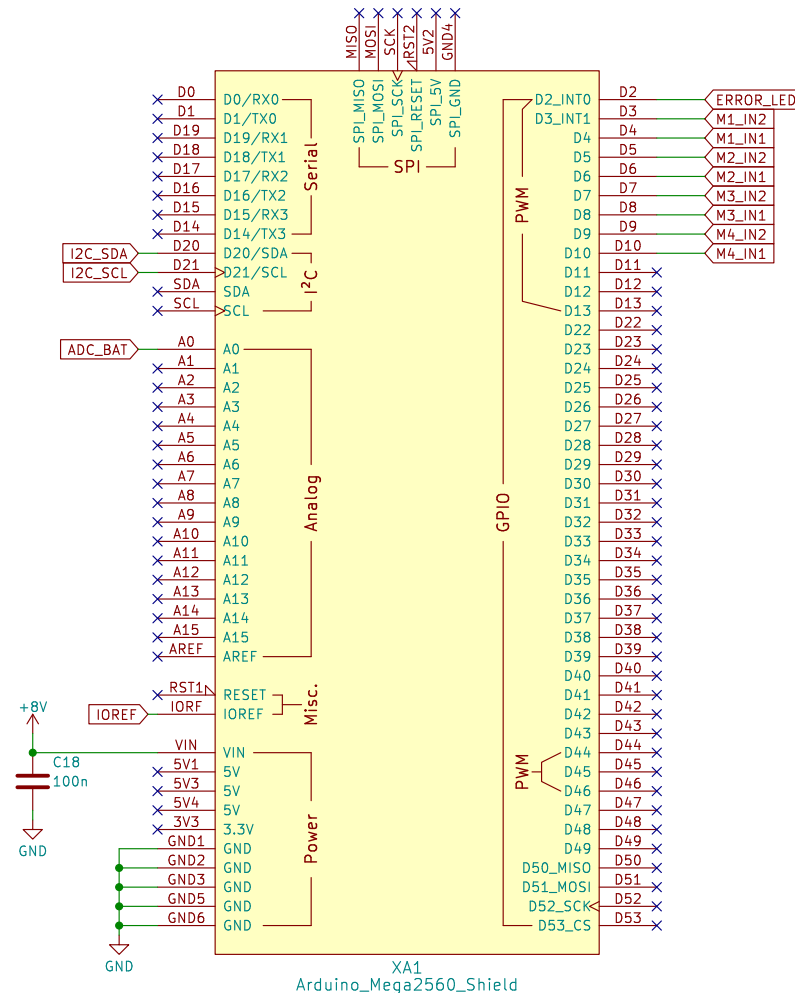
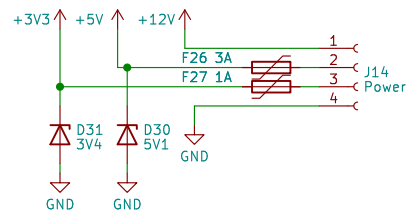
Motor Driver



Error LED



Power Connector



TODO:

- verify limit resistor of LEDs
- specify components for switching regulator
- double check 100 mA poly fuse for I2C VCC
- define netclasses
- define footprints
- is the power connector large enough?

RoCCI e.V.

Sheet: /
File: RoCCIShield.kicad_sch

Title: RoCCI Shield

Size: A3 Date: 2023-06-23
KiCad E.D.A. kicad 7.0.2

Rev: 0.2
Id: 1/1