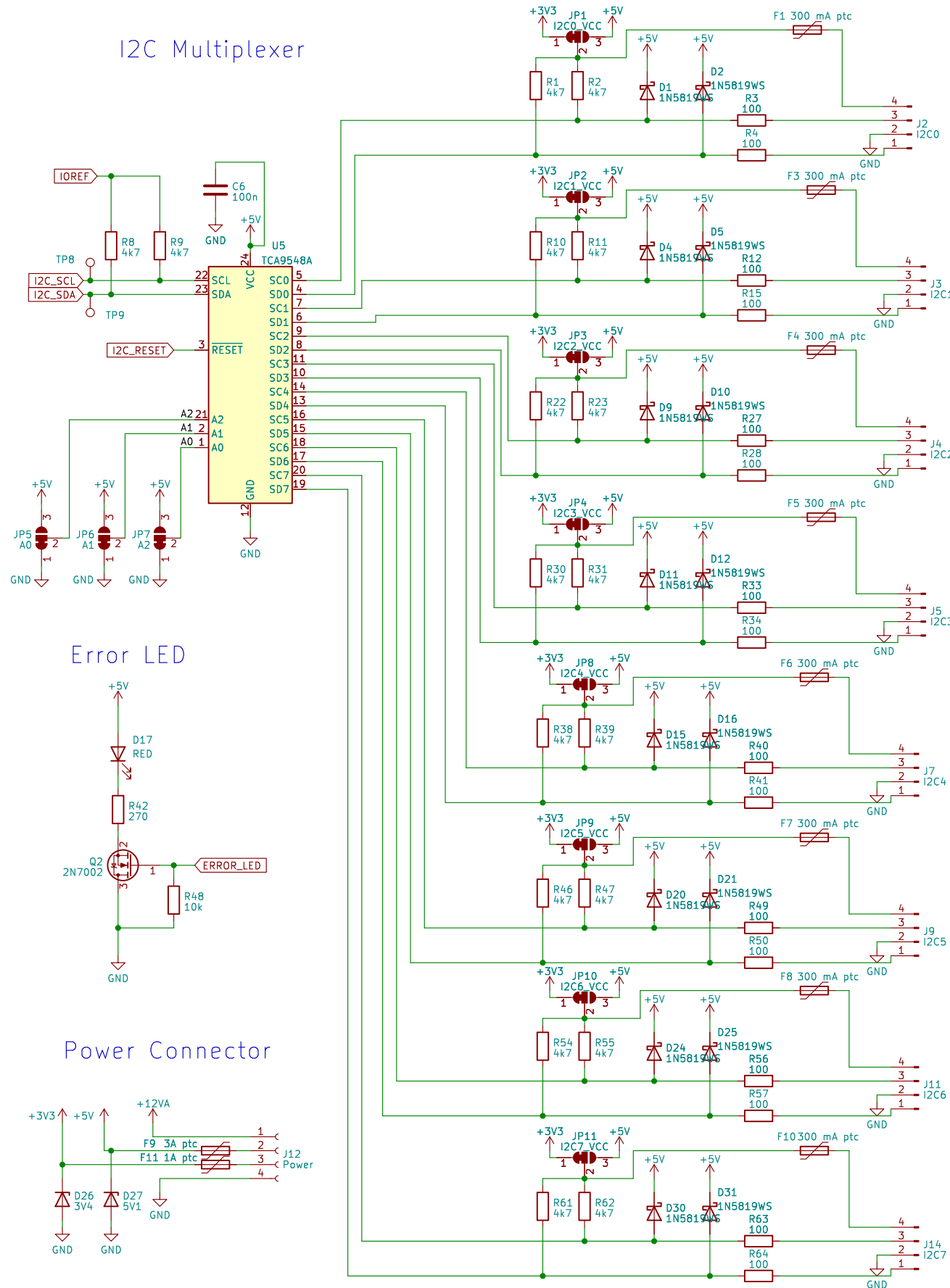
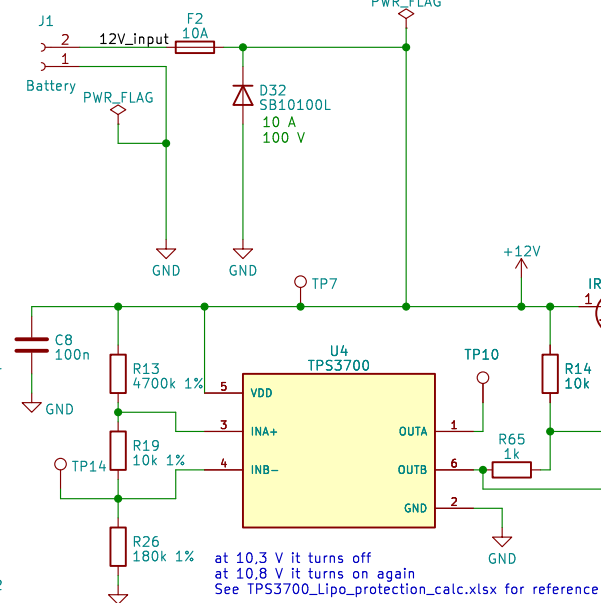


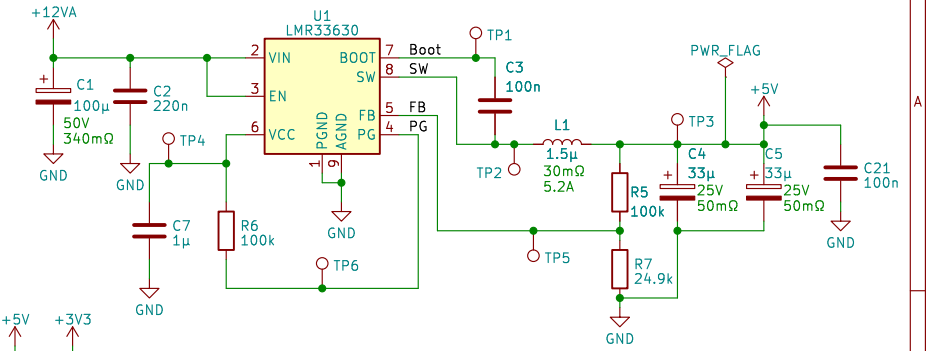
I2C Multiplexer



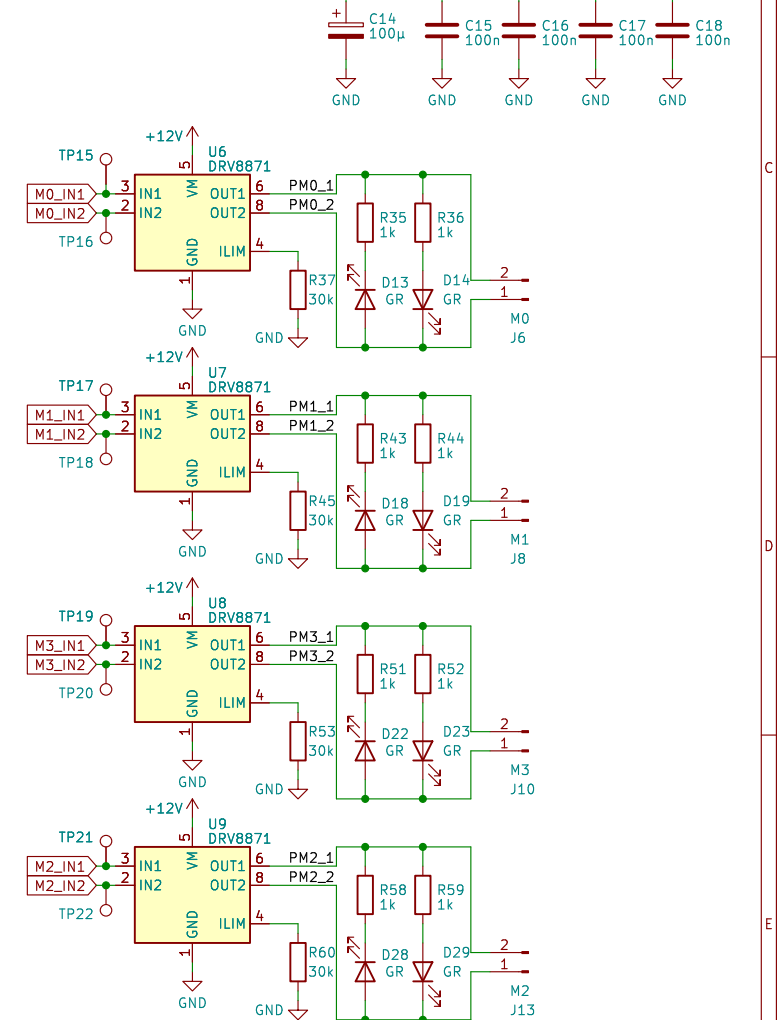
Input Protection Circuit



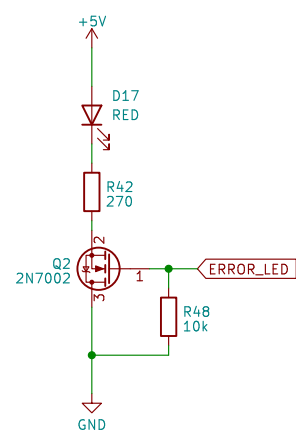
Voltage Regulator



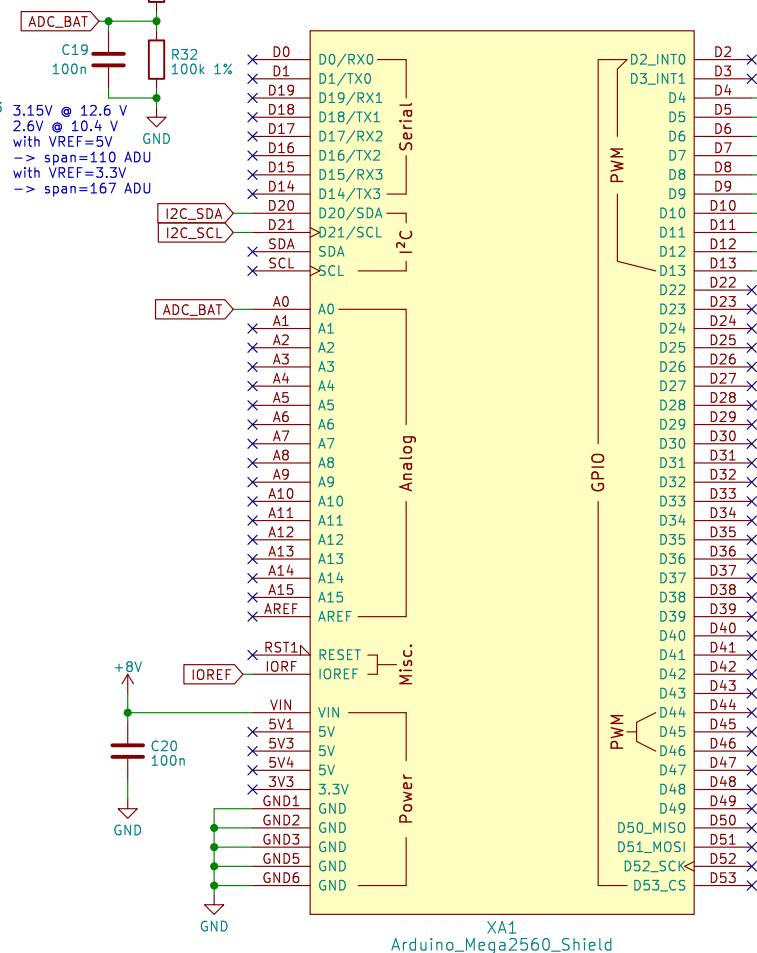
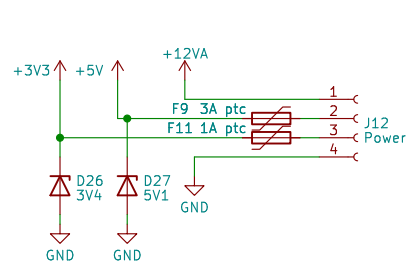
Motor Driver



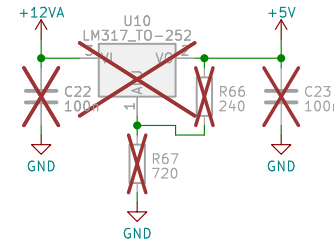
Error LED



Power Connector



Notes:
LED current 50%:
green 2.05 V, 10 mA
red 2 V, 12.5 mA
Motor Current:
R4 min is 15k -> 4.2 A
L_{max} = 64kV/R4



RoCCI e.V.

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Title: RoCCI Shield

Size: A3 Date: 2023-06-27
KiCad E.D.A. kicad 7.0.2

Rev: 0.7
Id: 1/1