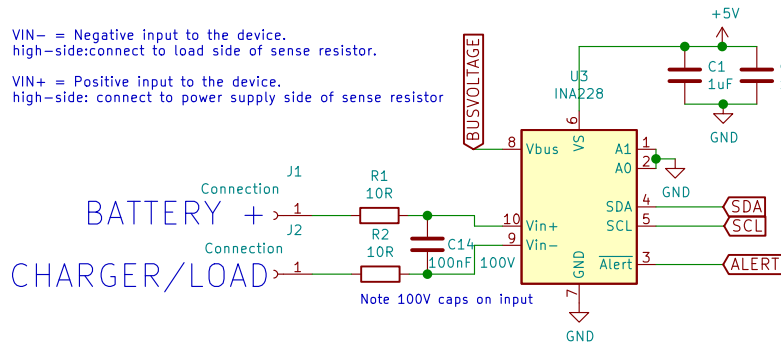
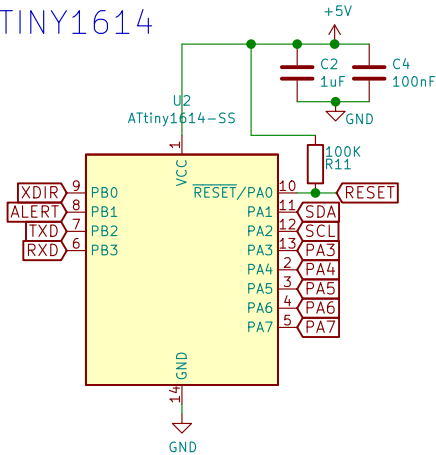


VIN- = Negative input to the device.
high-side: connect to load side of sense resistor.

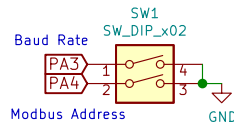
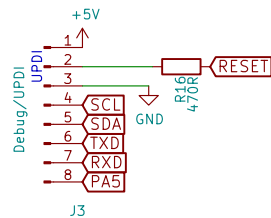
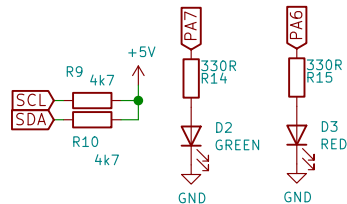
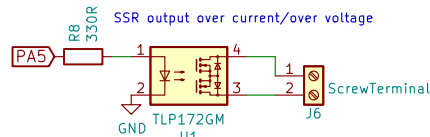
VIN+ = Positive input to the device.
high-side: connect to power supply side of sense resistor



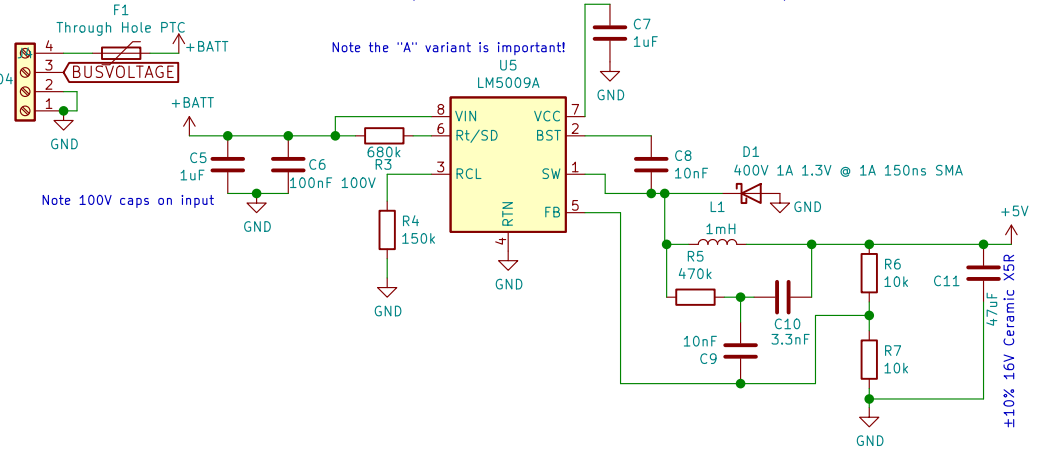
ATTINY1614



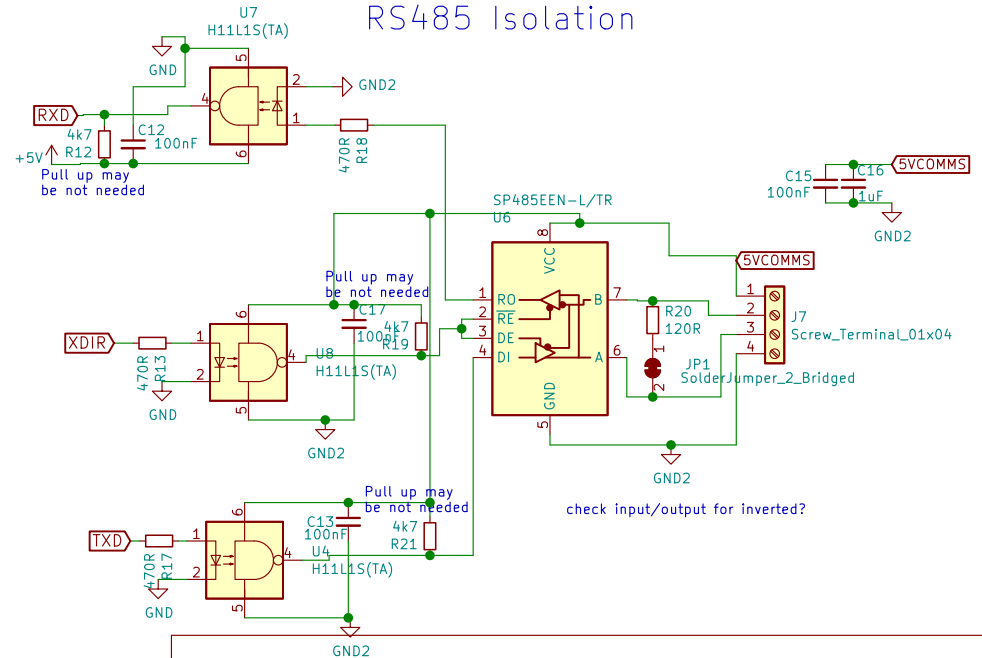
RELAY OUTPUT



Step Down Regulator (9 to 85V down to 5V)



RS485 Isolation



Stuart Pittaway

Sheet: /
File: CurrentShuntCircuit.sch

Title: DIYBMS Isolated Current Shunt

Size: A4 Date: 2022-02-04

KiCad E.D.A. eeschema 5.1.9+dfsg1-1bpo10+1

Rev: 2

Id: 1/1