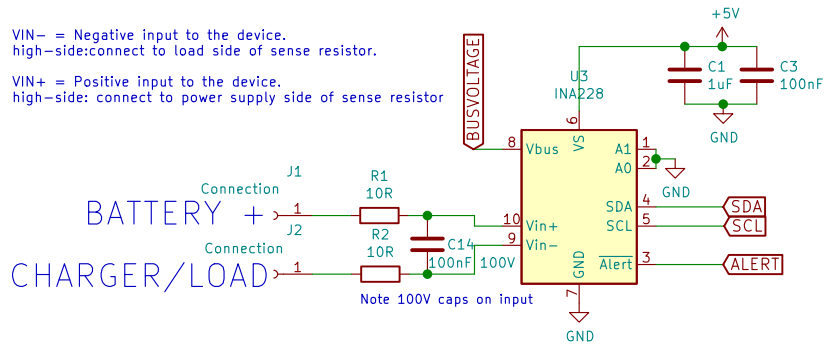
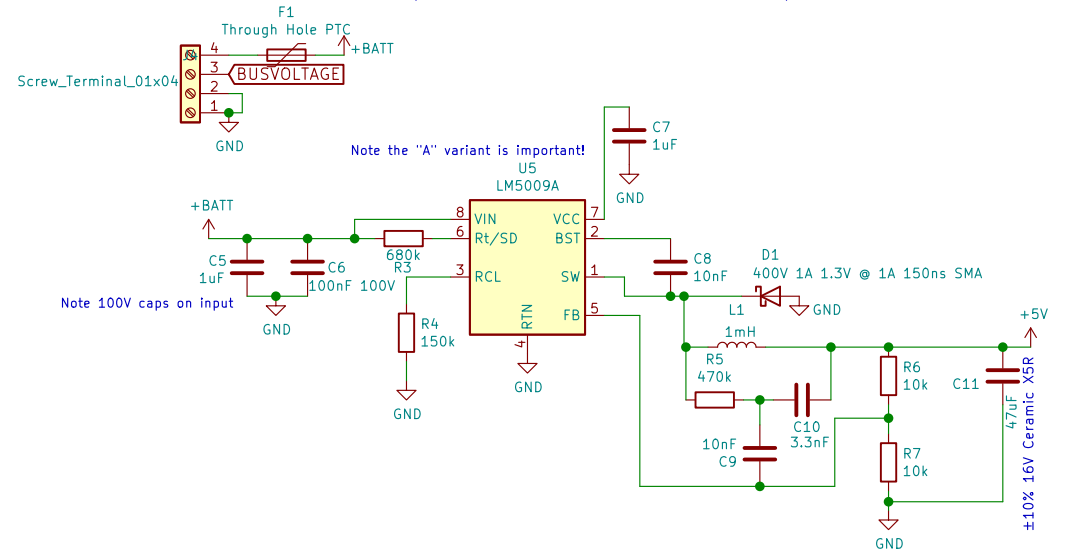


VIN- = Negative input to the device.  
high-side: connect to load side of sense resistor.

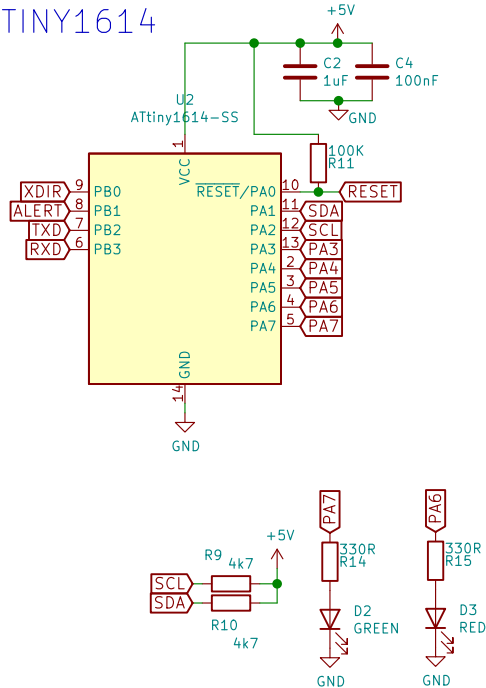
VIN+ = Positive input to the device.  
high-side: connect to power supply side of sense resistor



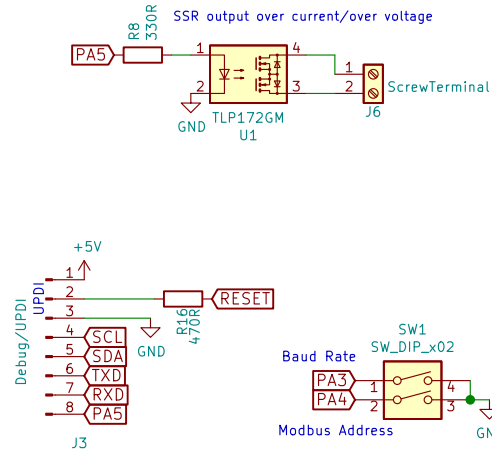
## Step Down Regulator (9 to 85V down to 5V)



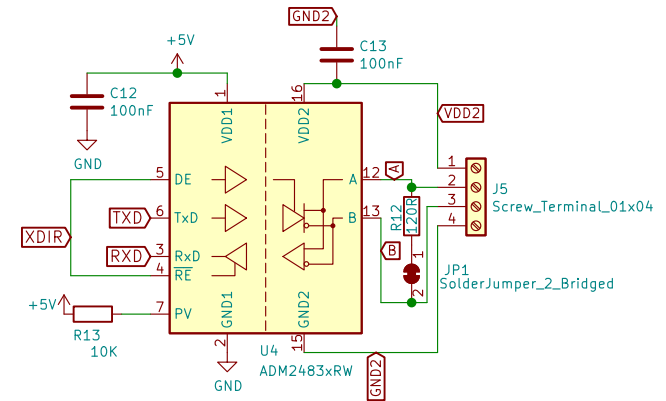
## ATTINY1614



## RELAY OUTPUT



## RS485 Isolation



Stuart Pittaway

Sheet: /

File: CurrentShuntCircuit.sch

Title: DIYBMS Isolated Current Shunt

Size: A4

Date: 2021-02-22

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

Rev: 1

Id: 1/1