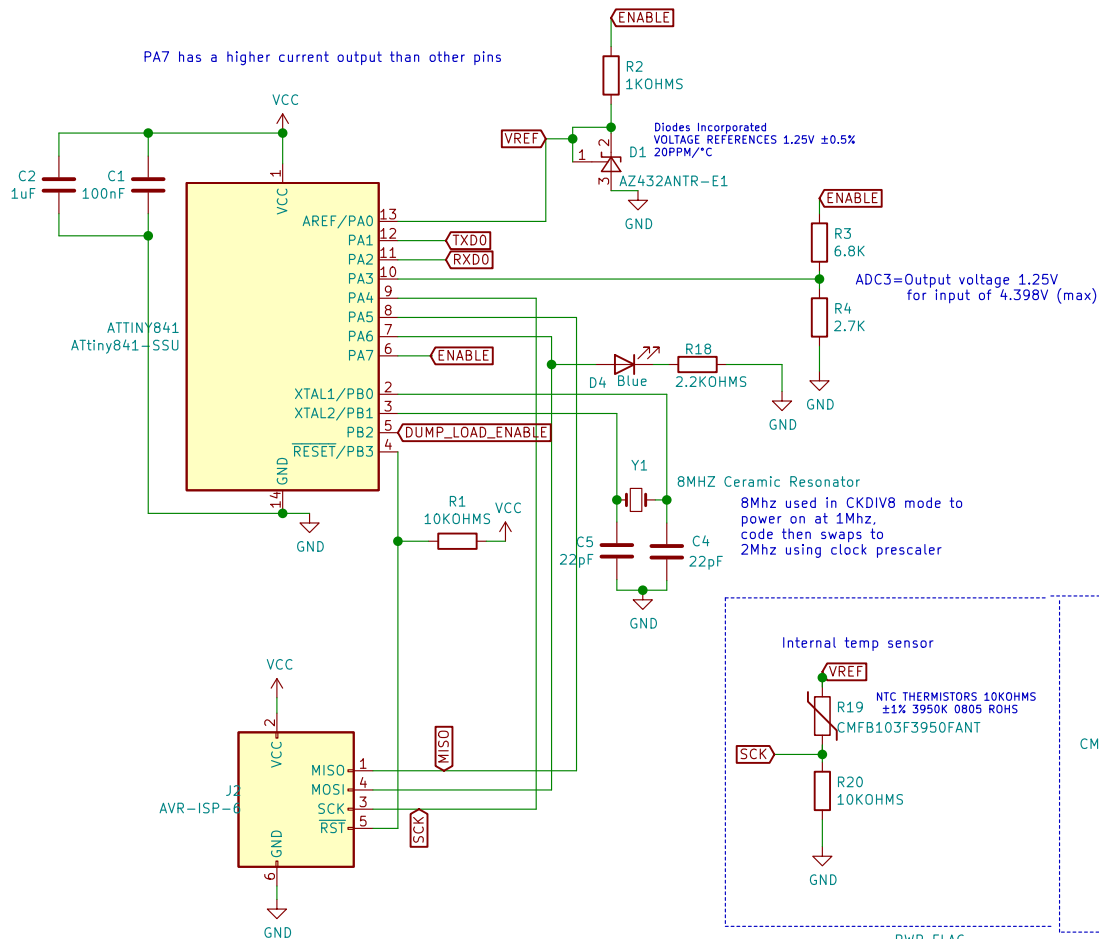


# DIYBMS v4 CELL MONITORING MODULE

## VERSION 4.40

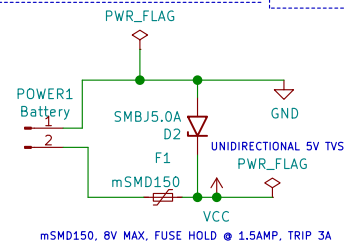
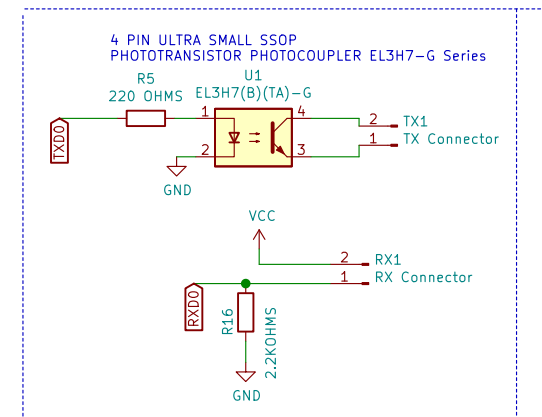
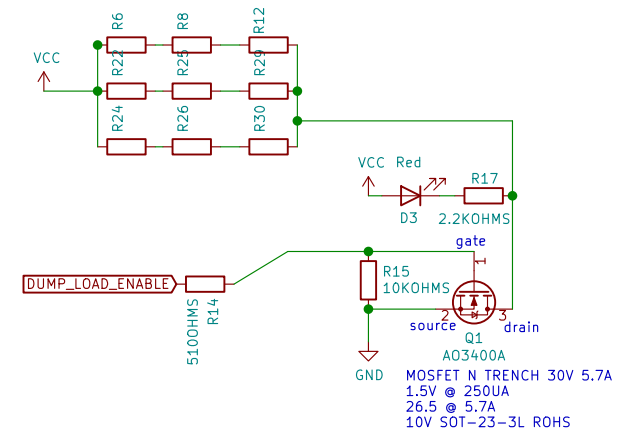
FOR LITHIUM VOLTAGE RANGES (18650 etc.) 0 – 4.2V



CHIP RESISTOR – SURFACE MOUNT 3.30HMS ±1% 3/4W 2010 ROHS,  
3 in series with 3 in parallel gives 3.30 Ohm equivalent resistance

9 resistors provide 9\*0.75W=6.75W of power dissipation.

Balance current (at 3.3ohm):  
1.27A at 4.2V and 5.35W power  
1.21A at 4.0V and 4.84W power  
1.13A at 3.75V and 4.26W power



Stuart Pittaway

Sheet: /

File: ModuleV440.sch

Title: DIYBMS cell monitoring module

Size: A4 Date: 2021-03-03

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

Rev: 4.4

Id: 1/1