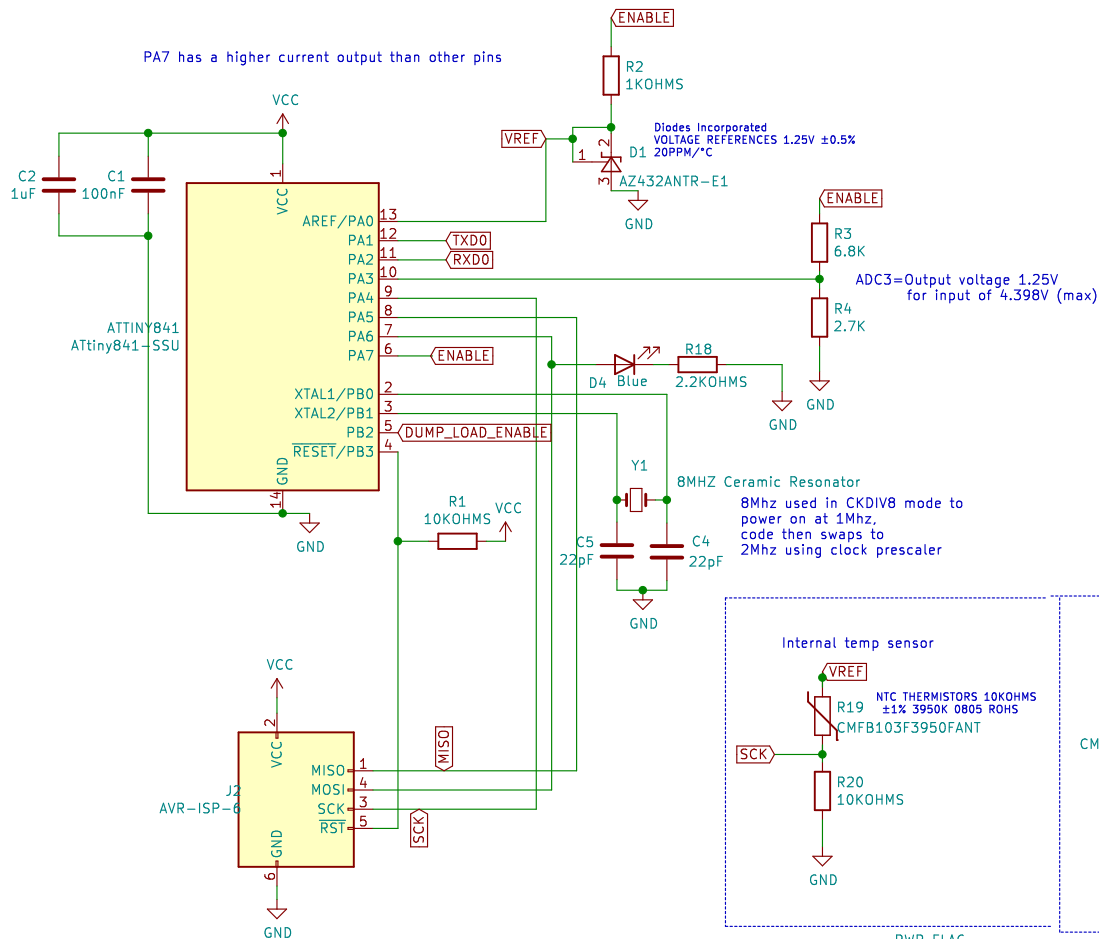


DIYBMS v4 CELL MONITORING MODULE

VERSION 4.40

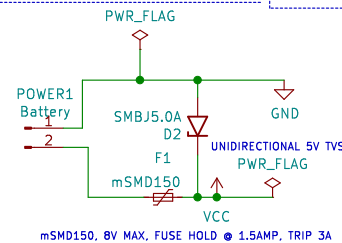
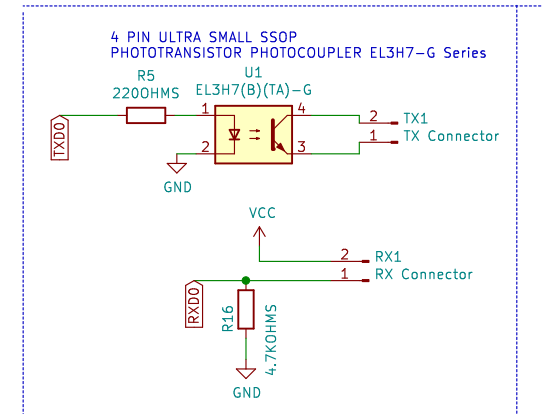
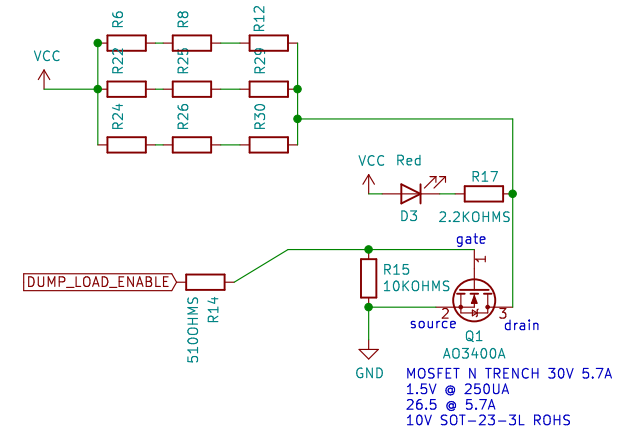
FOR LITHIUM VOLTAGE RANGES (18650 etc.) 0 – 4.2V



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. kicad (5.1.5)-3

Rev: 4.4

Id: 1/1