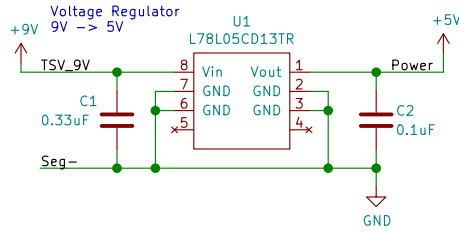
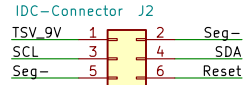


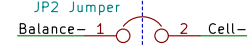
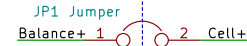
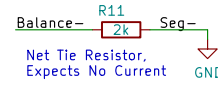
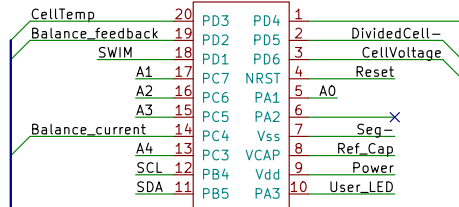
Mates With: 71600-006LF
Uses Cable: 310J101-20



J1
Conn_01x05_Male
1 Reset
2 SWIM
3 Seg-
4
5 Power
Do Not Populate J1

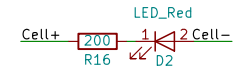
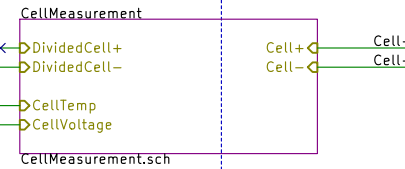
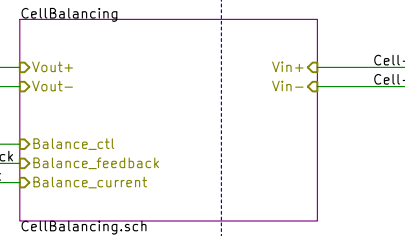
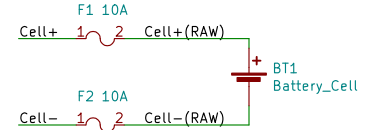
Programming interface for Microcontroller. Uses the Single Wire Interface Module (SWIM) built into the STM8

MCU1
STM8S003F3
<https://www.mouser.com/datasheet/2/389/stm8s003f3-956285.pdf>

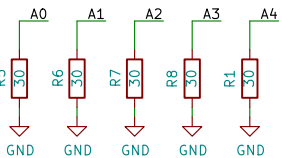


Mates With: 0015291025

Jumpers connect ends of balance bus to Cell terminals at each end of the segment. Populate JP1 on the highest cell in the stack and JP2 on the lowest

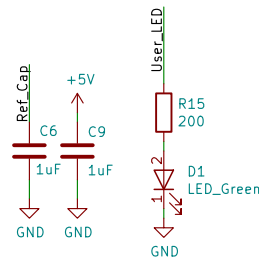


Reverse Polarity Indicator (Make this an angry color)



To ensure uniqueness, Address Select Resistors should correspond to the last 5 bits of the Serial Number, and determine the last 5 bits of the I2C address

I2C Address Select: Populate for 0 or Leave Empty for 1



Near MCU

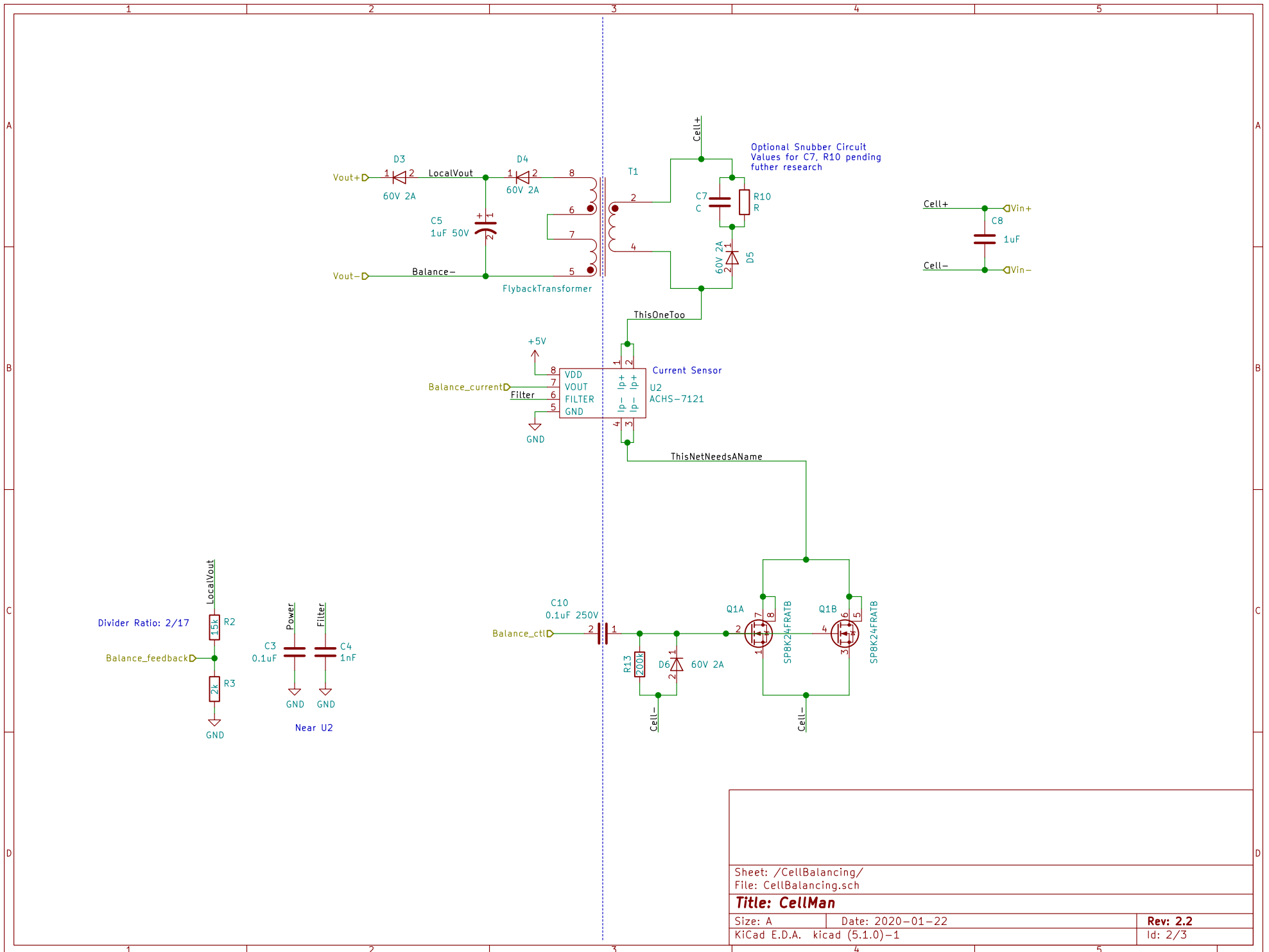
Designed by Connor Winiarczyk
Cell Management Board for Lafayette FSAE Accumulator
Lafayette College

Sheet: /
File: CellMan.sch

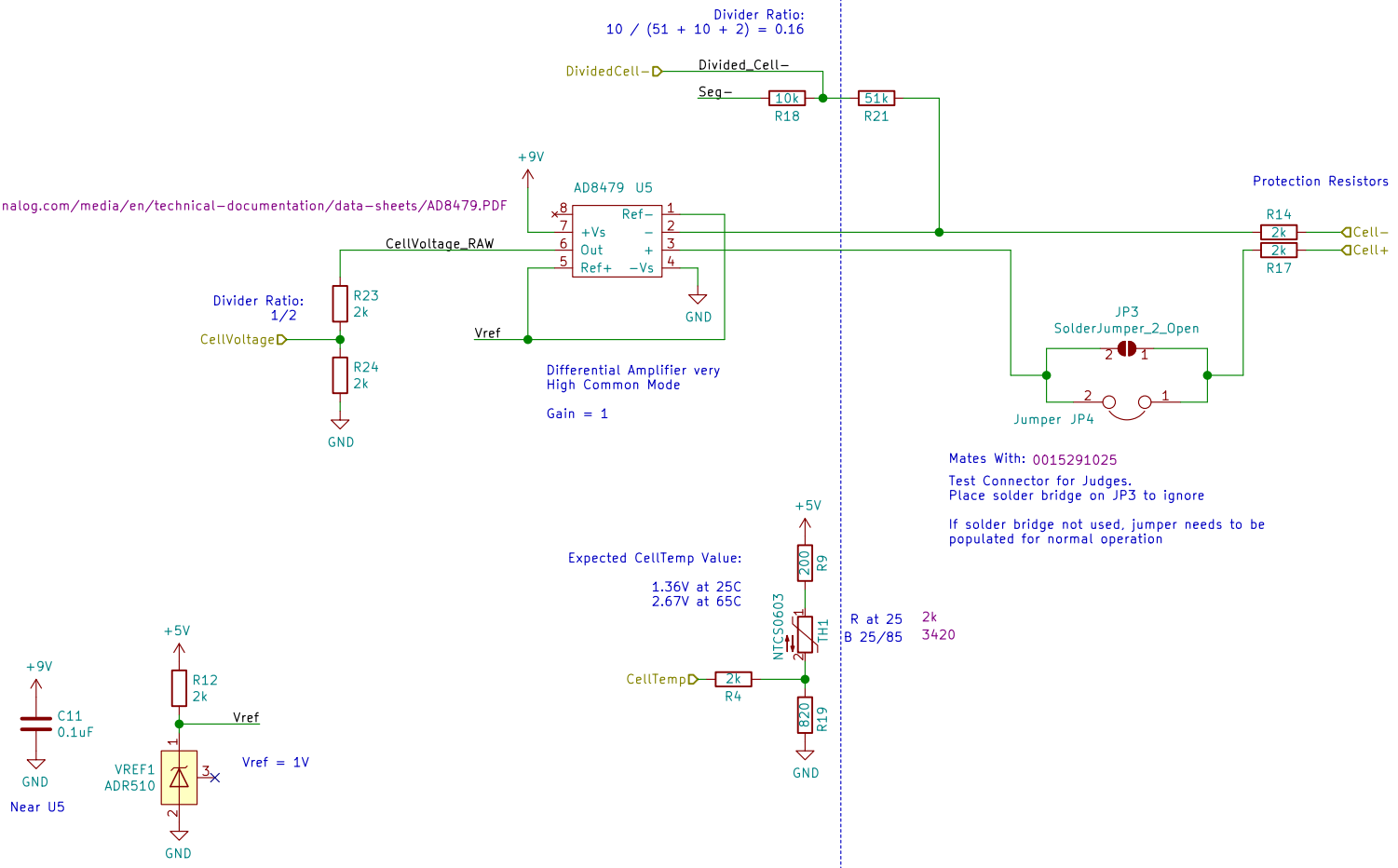
Title: CellMan

Size: A Date: 2020-01-22
KiCad E.D.A. kicad (5.1.0)-1

Rev: 2.2
Id: 1/3



<https://www.analog.com/media/en/technical-documentation/data-sheets/AD8479.PDF>



Sheet: /CellMeasurement/	
File: CellMeasurement.sch	
Title: CellMan	
Size: USLetter	Date: 2020-01-22
KiCad E.D.A. kicad (5.1.0)-1	Rev: 2.2
	Id: 3/3