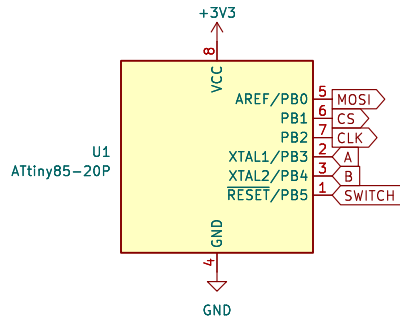
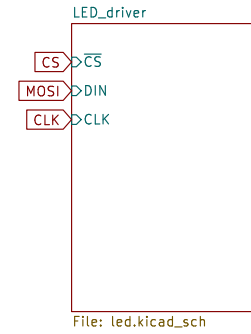


MICROCONTROLLER

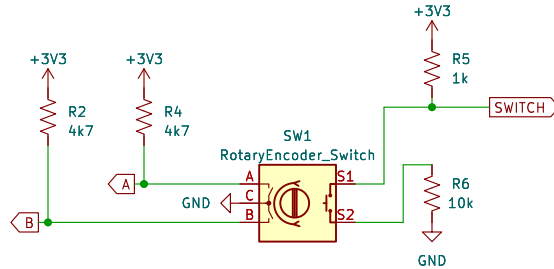


FORCED TO USE THE RESET PIN AS I/O
YOU CAN DISABLE THE RESET PIN USING A FUSE, BUT THAT REQUIRES A SPECIAL PROGRAMMER
THIS WILL WORK AS AN ANALOG INPUT, AS LONG AS IT REMAINS "HIGH ENOUGH" WILL NOT INTERRUPT TO RESET

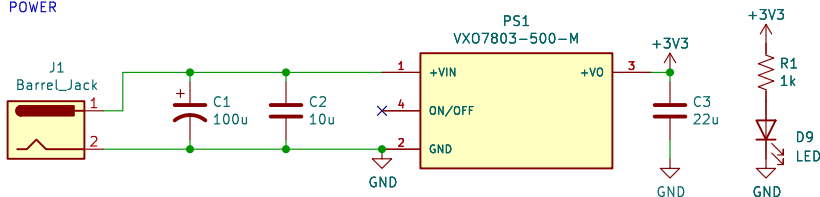
LED



ROTARY ENCODER



POWER



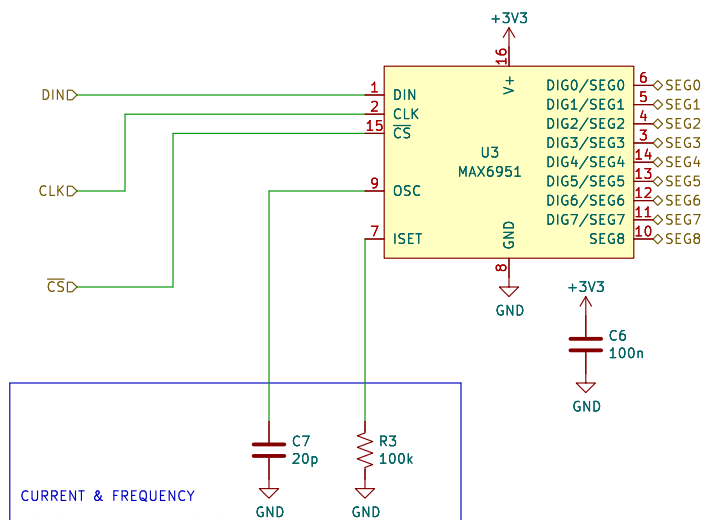
blaise.thompson@wisc.edu
Blaise Thompson
Instrument Shop
Department of Chemistry
University of Wisconsin-Madison

Sheet: /
File: byte.kicad_sch

Title: Byte Board

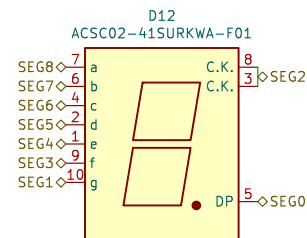
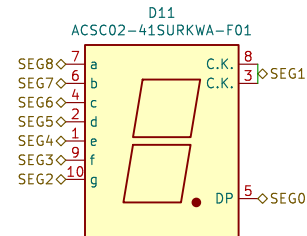
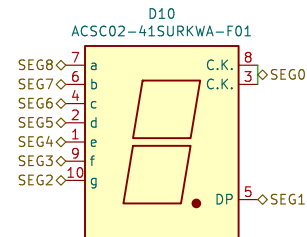
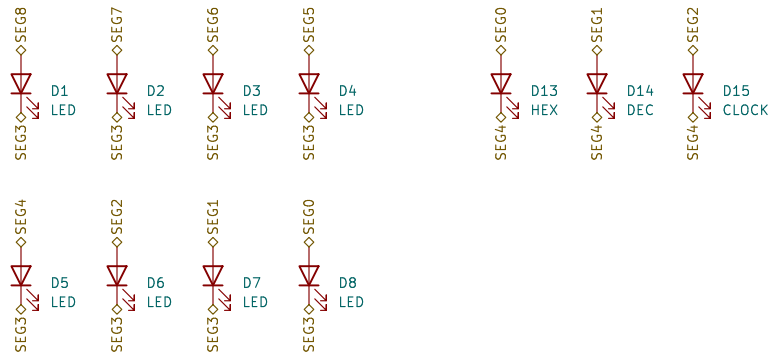
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KiCad E.D.A. kicad 7.0.5

Rev: B
Id: 1/2



CURRENT & FREQUENCY

$$I \text{ (mA)} = 2240 / R_{\text{set}} \text{ (k}\Omega\text{)}$$

$$F \text{ (MHz)} = 6720 / R_{\text{set}} \text{ (k}\Omega\text{)} * C_{\text{set}} \text{ (pF)}$$


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Sheet: /LED_driver/
File: led.kicad_sch

Title: MQTT Thermocouple

Size: USLetter Date: 2021-07-06
KiCad E.D.A. kicad 7.0.5

Rev: A
Id: 2/2