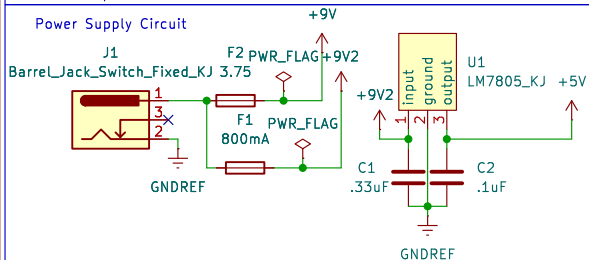
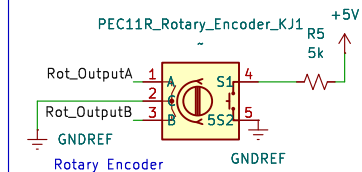


9V to 5V regulator  
Barrel jack is purely for testing and will be replaced by a 9V wall adapter

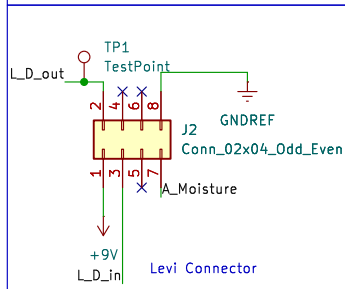
#### Power Supply Circuit



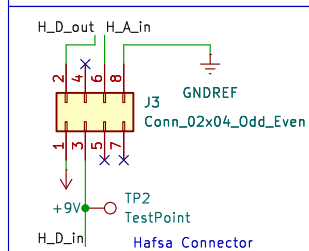
Rotary Encoder  
Used to help the LCD select which information it will display, also it will help me with coding



Levi's connector is sending me 2 analog and I am sending him 1 digital

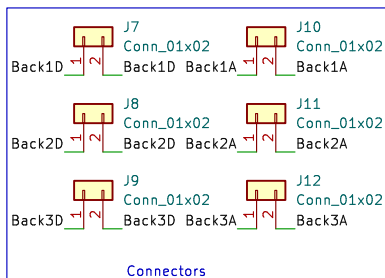


Hafsa's connector is sending me 1 analog and 1 digital and I am sending 1 digital

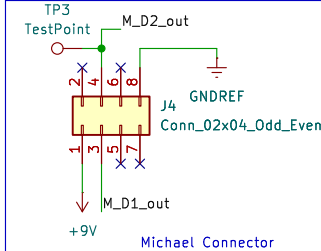


#### Backup Pins

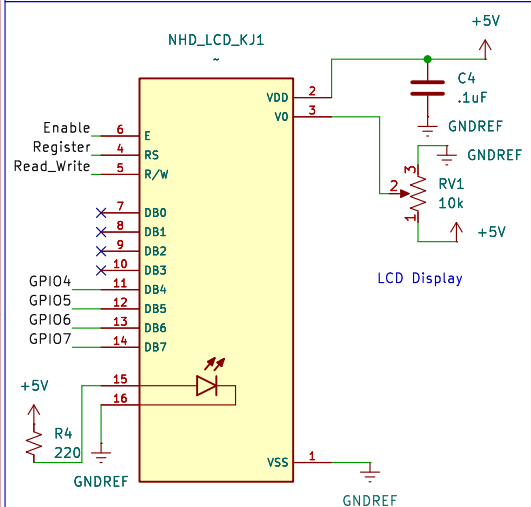
Back3A 3 J5 Analog Pins  
Back2A 2 Conn\_01x03\_Pin  
Back1A 1  
Back3D 3 J6 Digital Pins  
Back2D 2 Conn\_01x03\_Pin  
Back1D 1



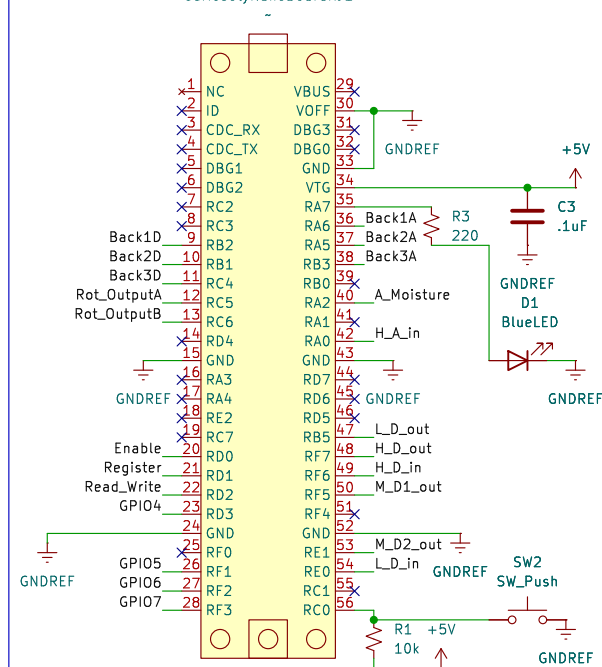
Michale's connector will be relieving 3 digital signals from me



LCD Display  
Will display various information provided by the subsystems connector pins dictated by the position of the rotary encoder



#### Main Board



All resistors are rated 1/4 W  
All capacitors are rated 50V

Team211

Sheet: /  
File: KeltonJensenSubsystemSchematicDesign.kicad\_sch

Title: Subsystem Schematic Design Kelton Jensen

Size: A4 Date: 2025-12-04

KiCad E.D.A. 9.0.4

Rev: 7

Id: 1/1