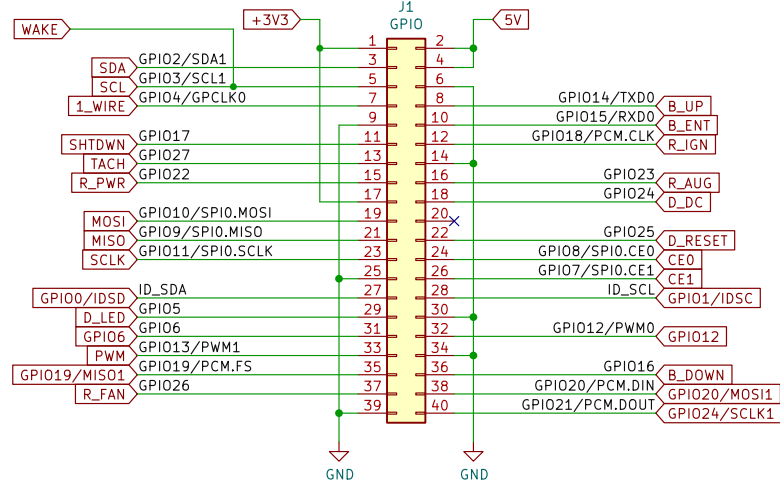
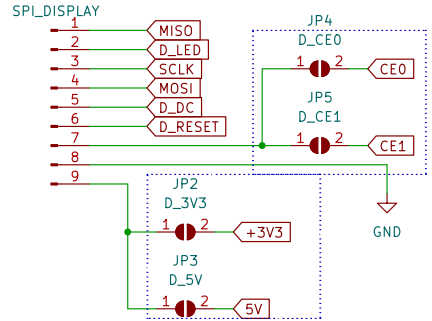


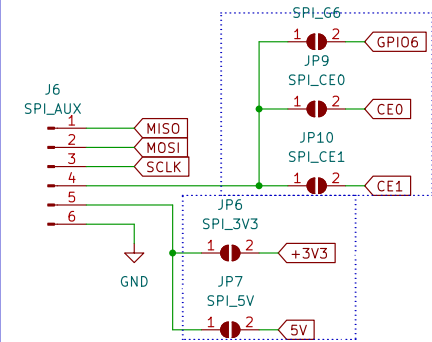
# Raspberry Pi Header



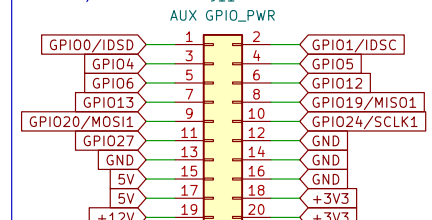
## SPI Display Header



## SPI Aux Header



## Aux GPIO/PWR Header



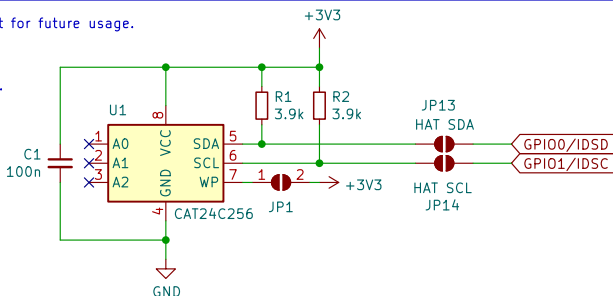
OPTIONAL- From the original template, kept for future usage.

ID\_SD and ID\_SC PINS:  
These pins are reserved for HAT ID EEPROM.

At boot time this I2C interface will be interrogated to look for an EEPROM that identifies the attached board and allows automatic setup of the GPIOs (and optionally, Linux drivers).

Bridging JP1 enables write protection.

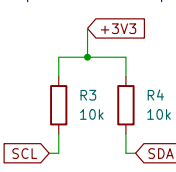
DO NOT USE these pins for anything other than attaching an I2C ID EEPROM. Leave unconnected if ID EEPROM not required.



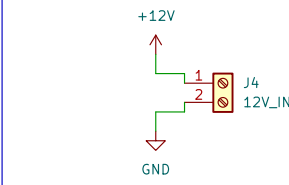
## 5V-IN Screw Terminal



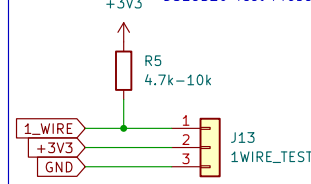
## Optional I2C1 Pullups



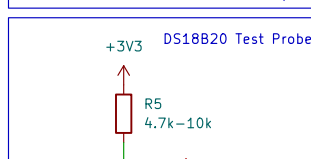
## 12V Power IN



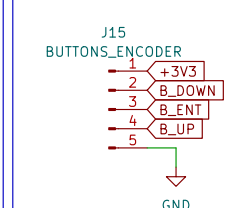
## DS18B20 Test Probe



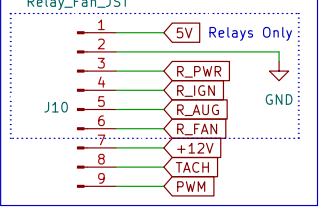
## 5V Power Switch Option



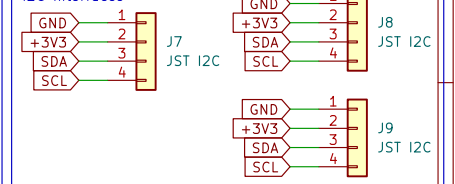
## Buttons / Encoder JST Conn



## Relay/Fan Board Header



## I2C Interfaces



Additional pin functions:  
<https://pinout.xyz/>

Ben Parmeter

Sheet: /

File: pifire-main-module-nopwr.kicad\_sch

**Title: PiFire Main Board Module (no power)**

Size: A4

Date: 2024-05-03

KiCad E.D.A. 8.0.1

Rev: v4.0.1

Id: 1/1

