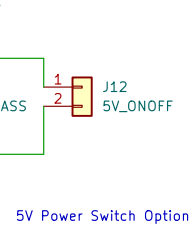
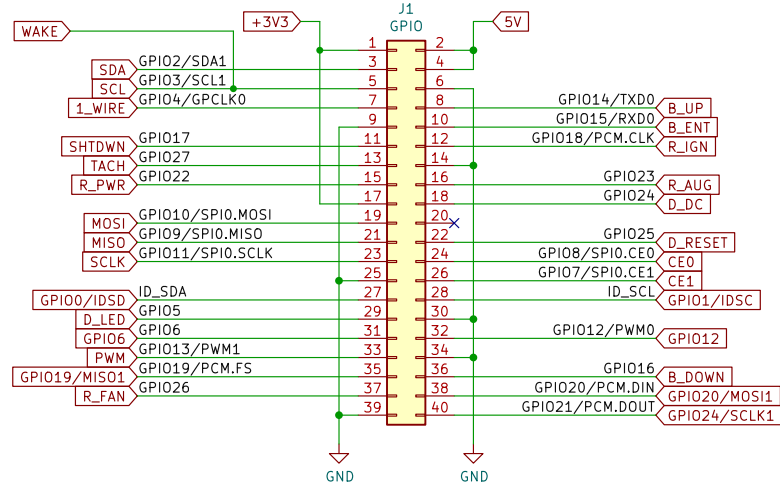
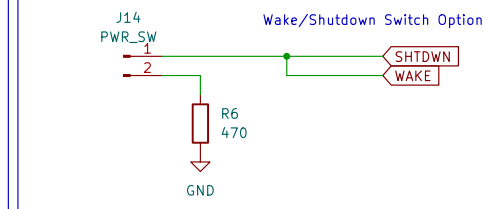
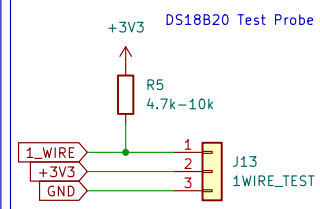
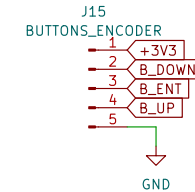


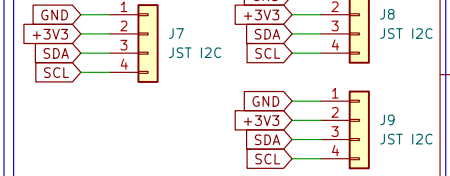
## Raspberry Pi Header



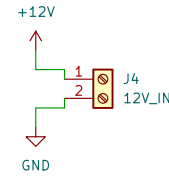
## Buttons / Encoder JST Conn



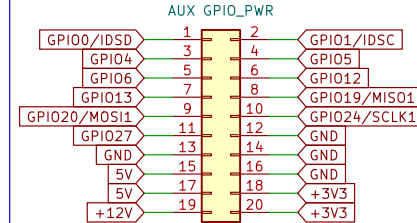
## I2C Interfaces



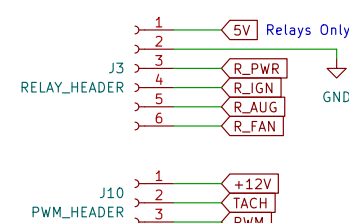
## 12V Power IN



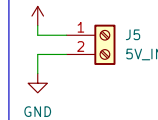
## Aux GPIO/PWR Header



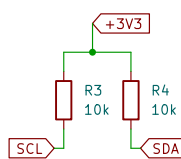
## Relay/Fan Board Headers



## 5V-IN Screw Terminal



## Optional I2C1 Pullups



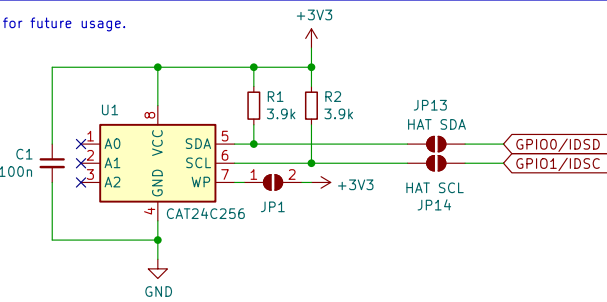
OPTIONAL- From the original template, kept for future usage.

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.



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. 8.0.2

Rev: v4.0.2

Id: 1/1

