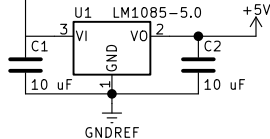


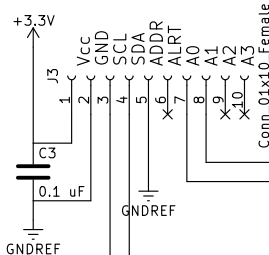
Screw_Terminal_01x02

Power Input +
(12 - 24 V)

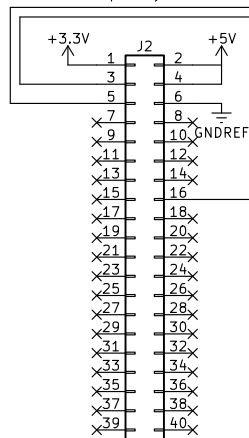
J1
GNDREF



Header for Adafruit ADS1x15

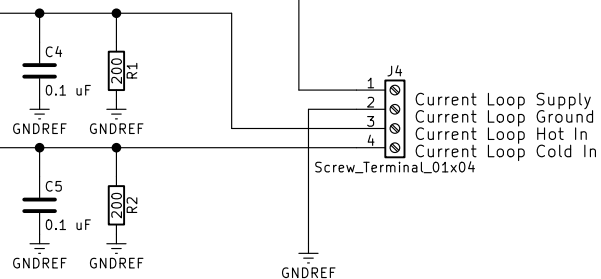


Raspberry Pi 3B Header

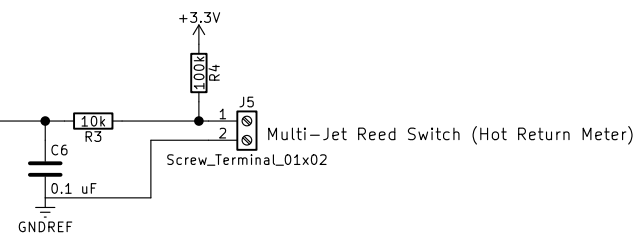


Conn_02x20_Odd_Even

Note: The resistance of long traces is enough to throw off measurements.
Place grounds as close together as possible.



J4
1 Current Loop Supply
2 Current Loop Ground
3 Current Loop Hot In
4 Current Loop Cold In
Screw_Terminal_01x04



+3.3V
J5
1 Multi-Jet Reed Switch (Hot Return Meter)
2
Screw_Terminal_01x02

A "Hat" for the Raspberry Pi Embedded Computer, which allows the Raspberry Pi to read the 4 - 20 mA Current Loop outputs and pulsed output of USU Campus Residential Meters in the LLC Dorms.

Sheet: /

File: CampusResidential.sch

Title: Campus Residential Meter Hat

Size: A4

Date:

KiCad E.D.A. kicad 4.0.7

Rev: 1

Id: 1/1