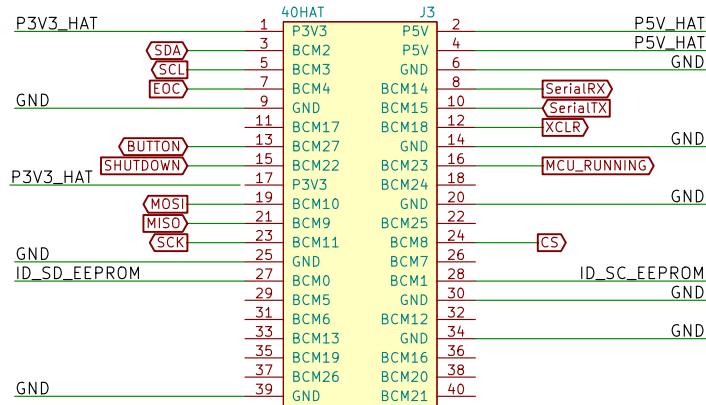
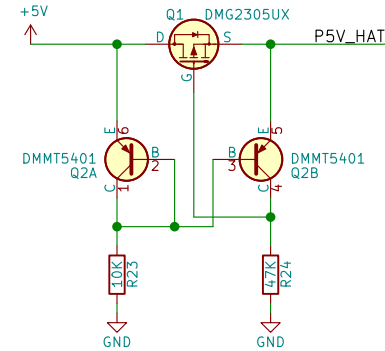


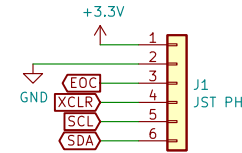
40-Pin HAT Connector



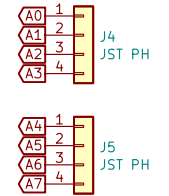
5V Powered HAT Protection



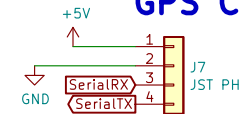
BMP085 Connector



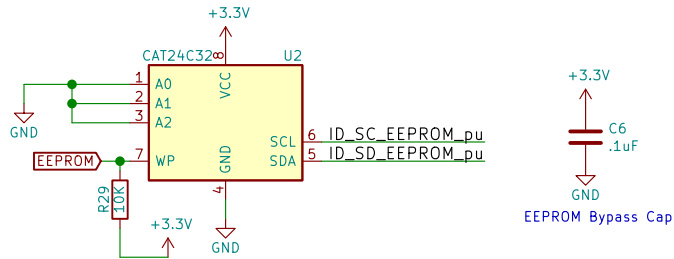
ADC Connector



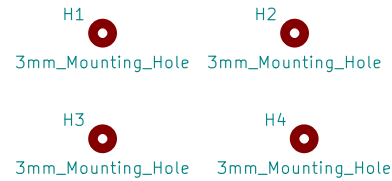
GPS Connector



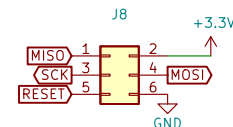
HAT EEPROM



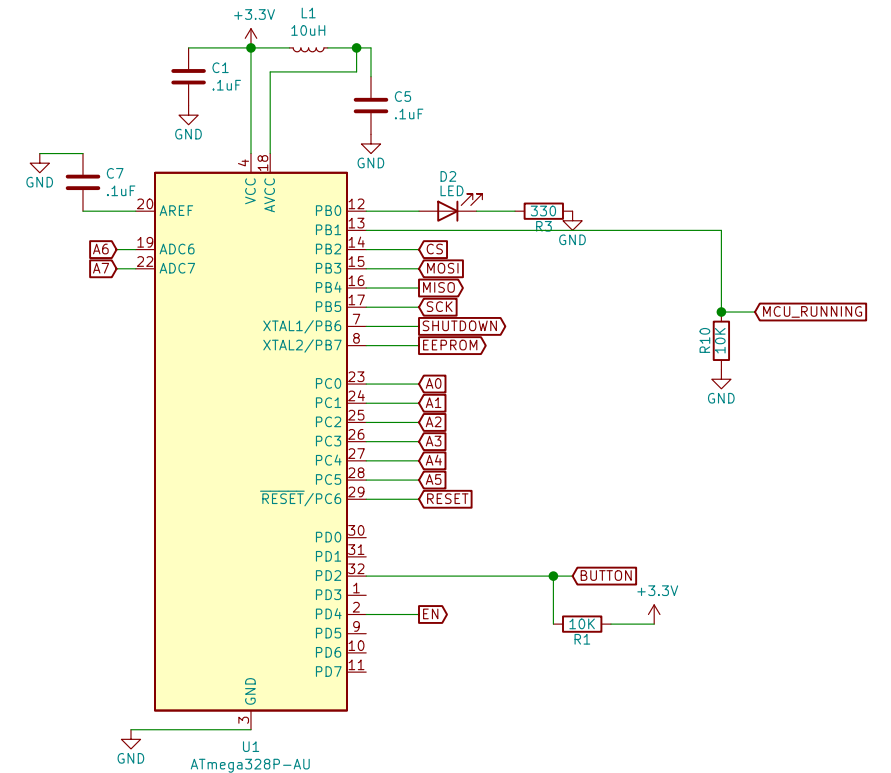
Mounting Holes



ISP

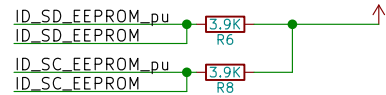


Power Monitor MCU

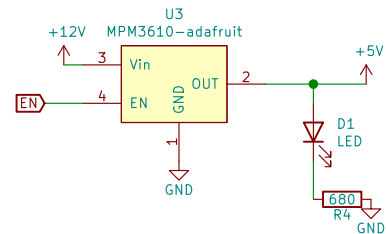


Pullup Resistors

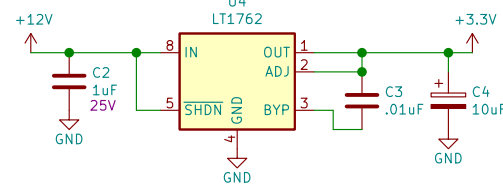
These are just pullup resistors for the I2C bus on the EEPROM. The resistor values are per the HAT spec. +3.3V



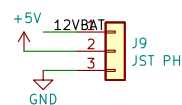
5V Power



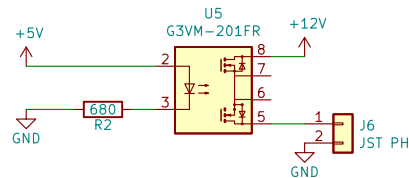
3.3V Power



Voltmeter Connection

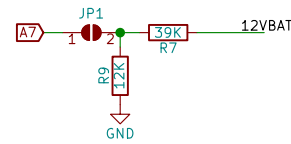


Video Power

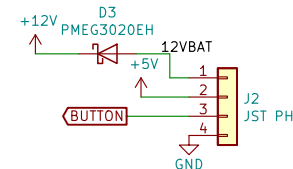


Optional 12V ADC Measurement

To use, solder bridge, and populate R7 and R9



Power Connector



bit-builder.com

Sheet: /
File: chart_plotter_hat.sch

Title: Chart Plotter Hat

Size: A3 Date: KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu20.04.1

Rev: B
Id: 1/1