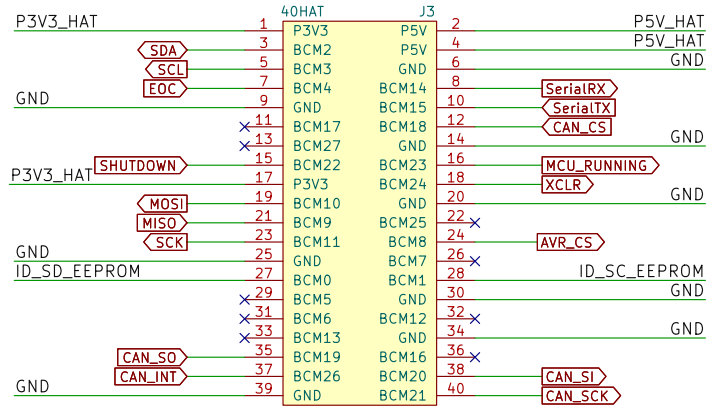
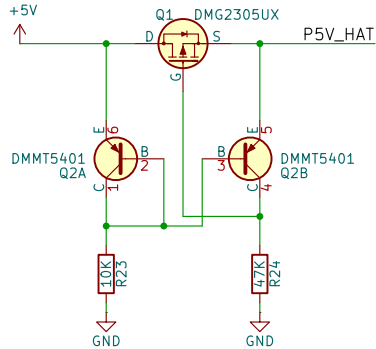


## 40-Pin HAT Connector



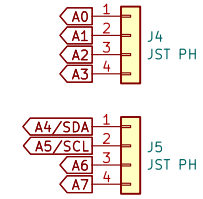
## 5V Powered HAT Protection



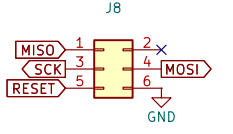
## GPS Connector



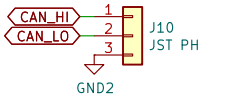
## ADC Connector



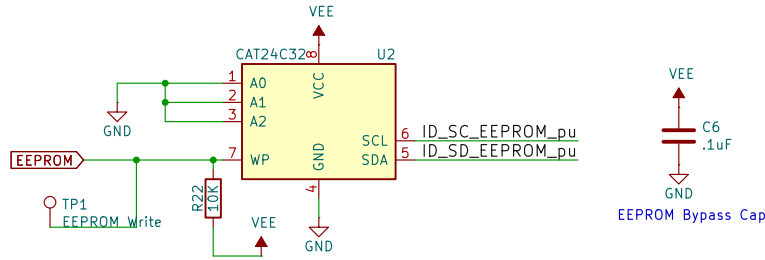
## ISP



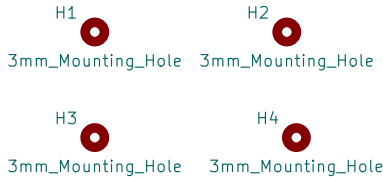
## CAN Connector



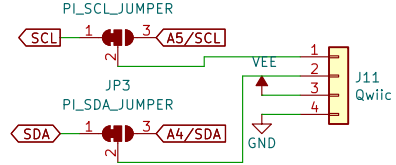
## HAT EEPROM



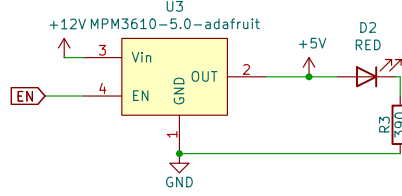
## Mounting Holes



## STEMMA QT

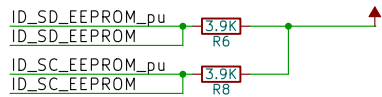


## 5V Power

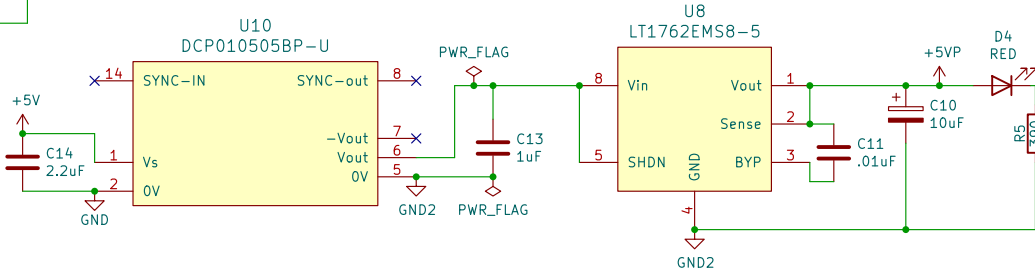


## Pullup Resistors

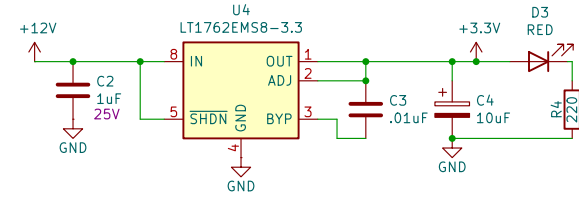
These are just pullup resistors for the I2C bus on the EEPROM. The resistor values are per the HAT spec.



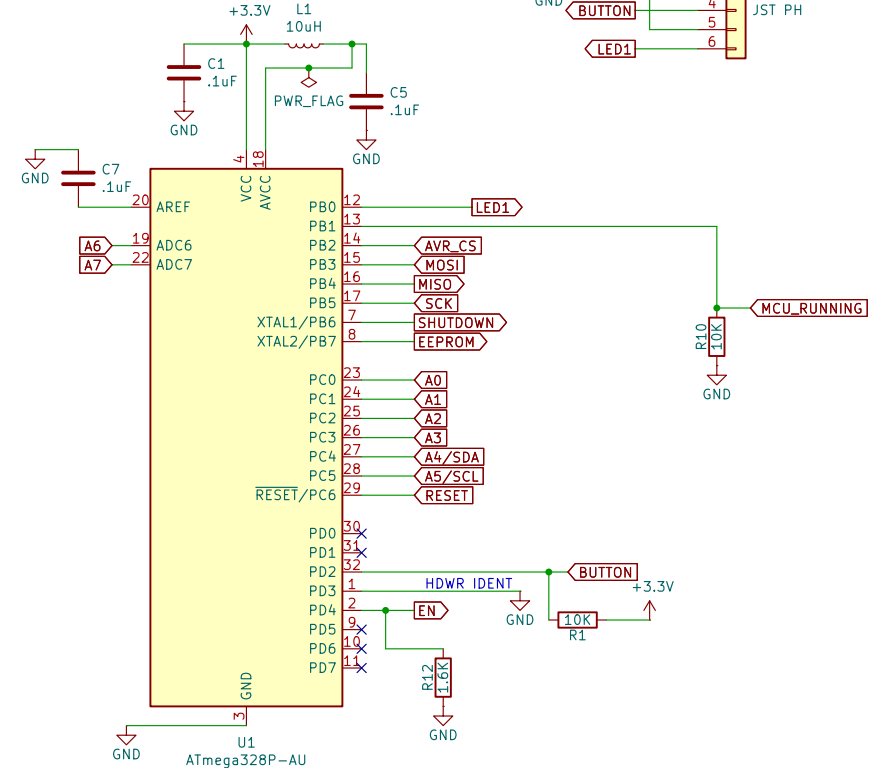
## Isolated CAN Power



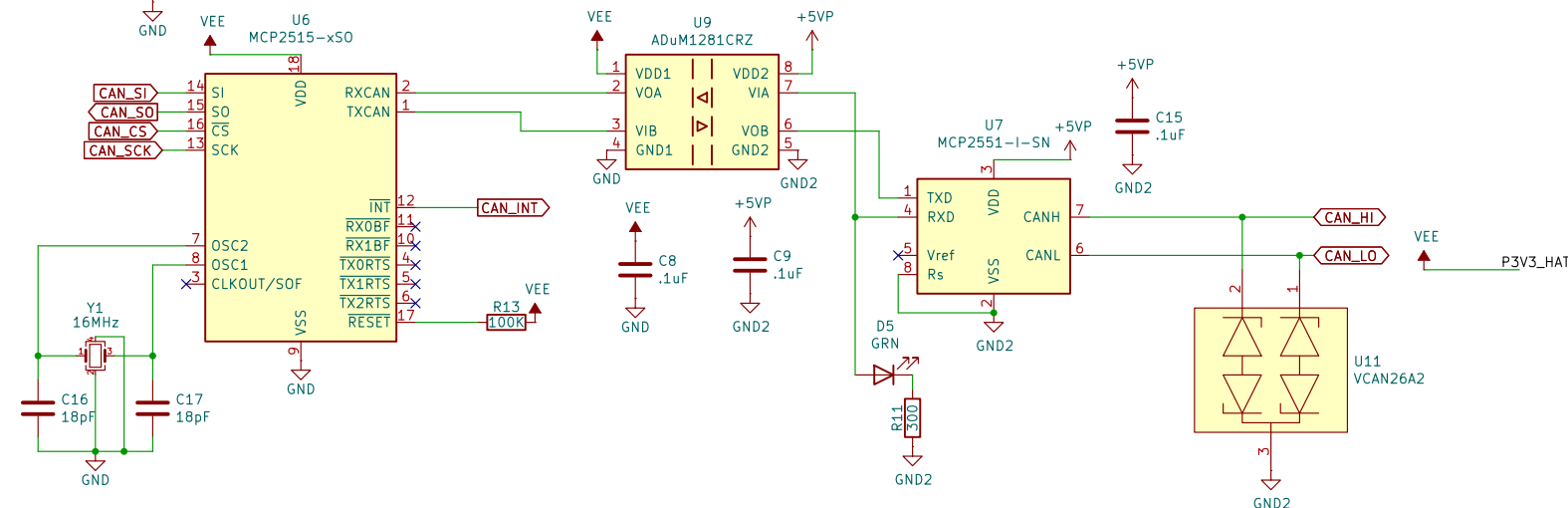
## 3.3V Power



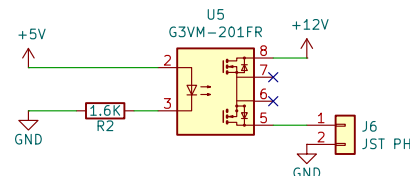
## Power Monitor MCU



## CAN Bus



## Video Power



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Sheet: /  
File: chart\_plotter\_hat.kicad\_sch

Title: Chart Plotter Hat

Size: USLedger Date: 2025-10-14  
KiCad E.D.A. 9.0.6

Rev: C.4  
Id: 1/1