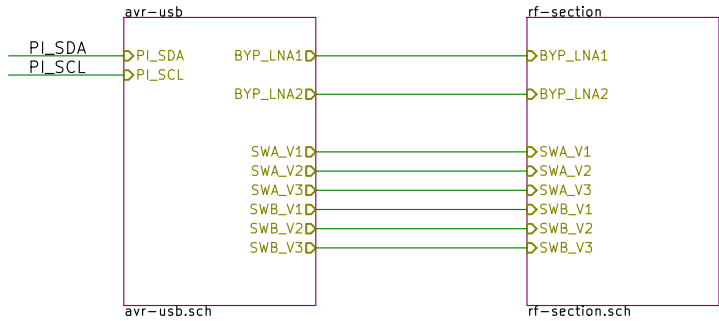
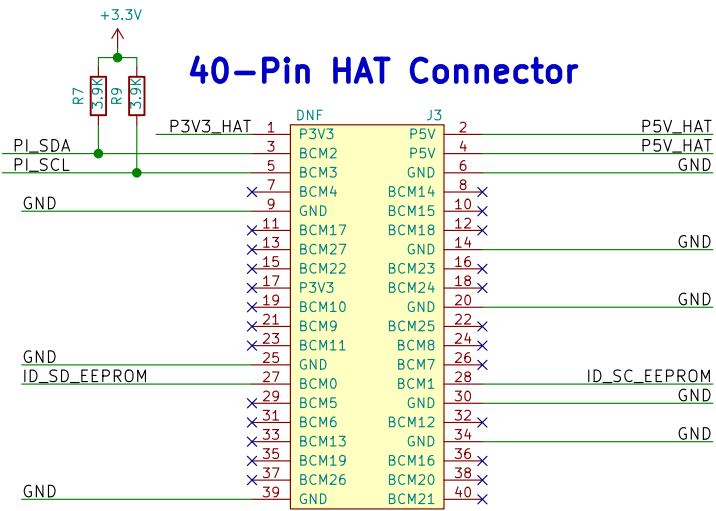
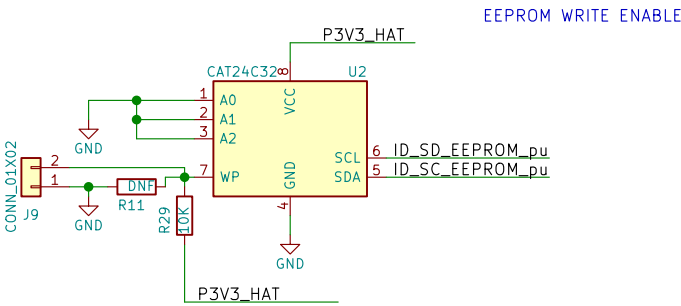


This is based on the official Raspberry Pi spec to be able to call an extension board a HAT.
<https://github.com/raspberrypi/hats/blob/master/designguide.md>

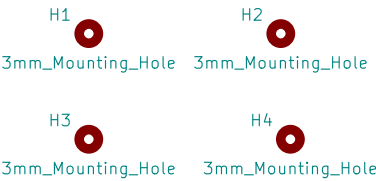


HAT EEPROM

The HAT spec requires this EEPROM with system information to be in place in order to be called a HAT. It should be set up as write protected (WP pin held high), so it may be desirable to either put a jumper as shown to enable writing, or to hook up a spare IO pin to do so.

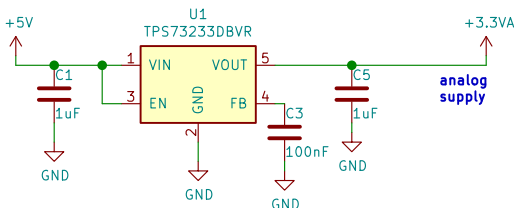
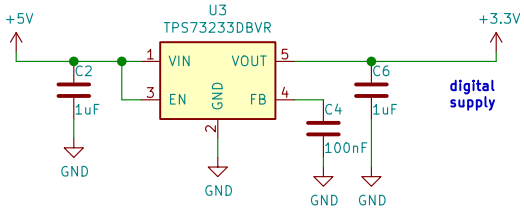
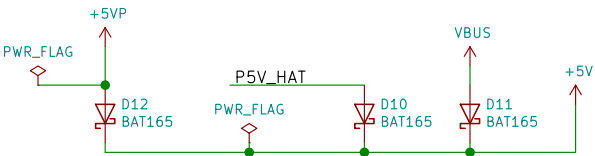
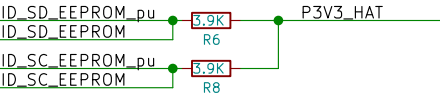


Mounting Holes



Pullup Resistors

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



SCH: 505-201

Sheet: /
File: pi-hat-lna.sch

Title: Multi-Band Low Noise Amplifier

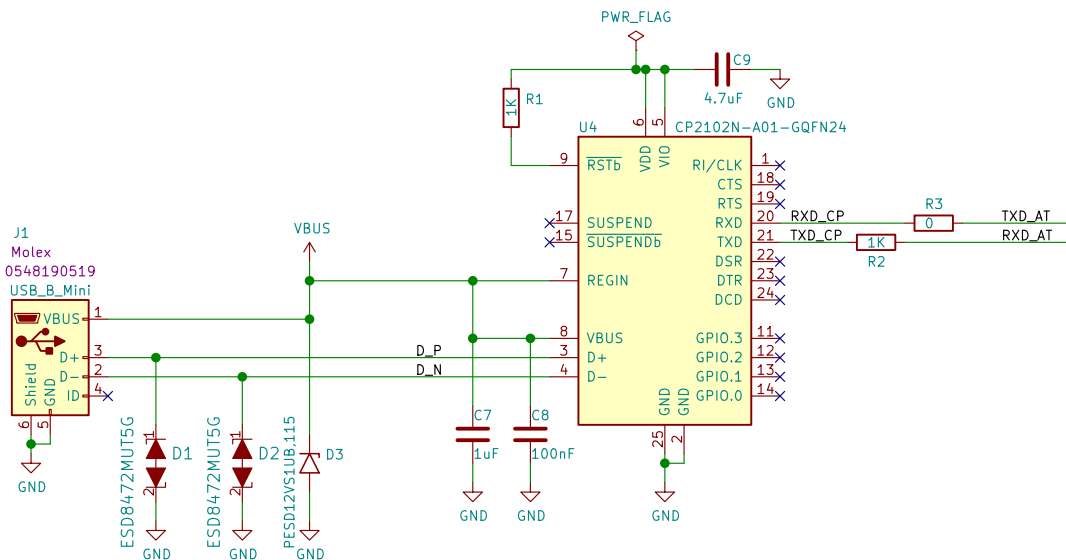
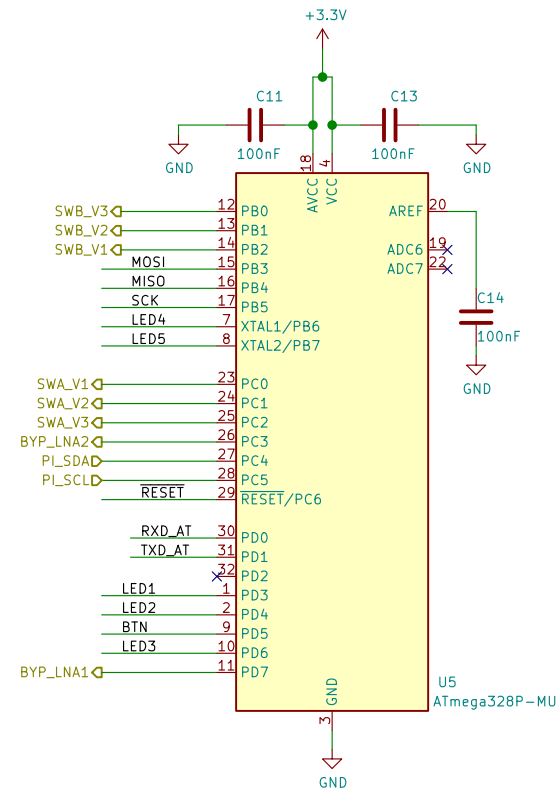
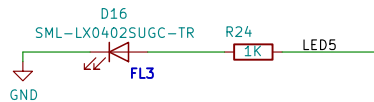
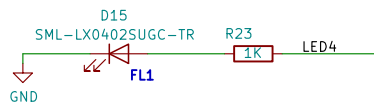
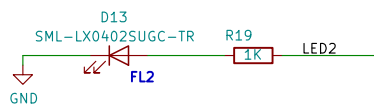
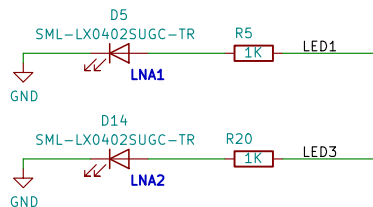
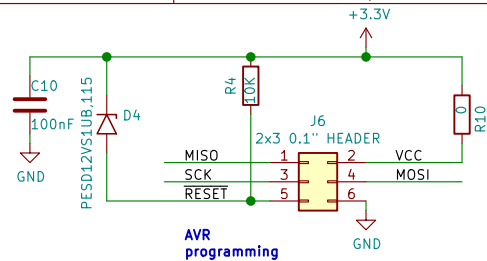
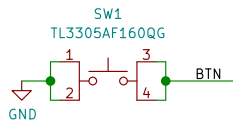
Size: A3

Date:

Rev: A

KiCad E.D.A. kicad 5.0.0-fee4fd166ubuntu16.04.1

Id: 1/3



505-201

Sheet: /avr-usb/
File: avr-usb.sch

Title:

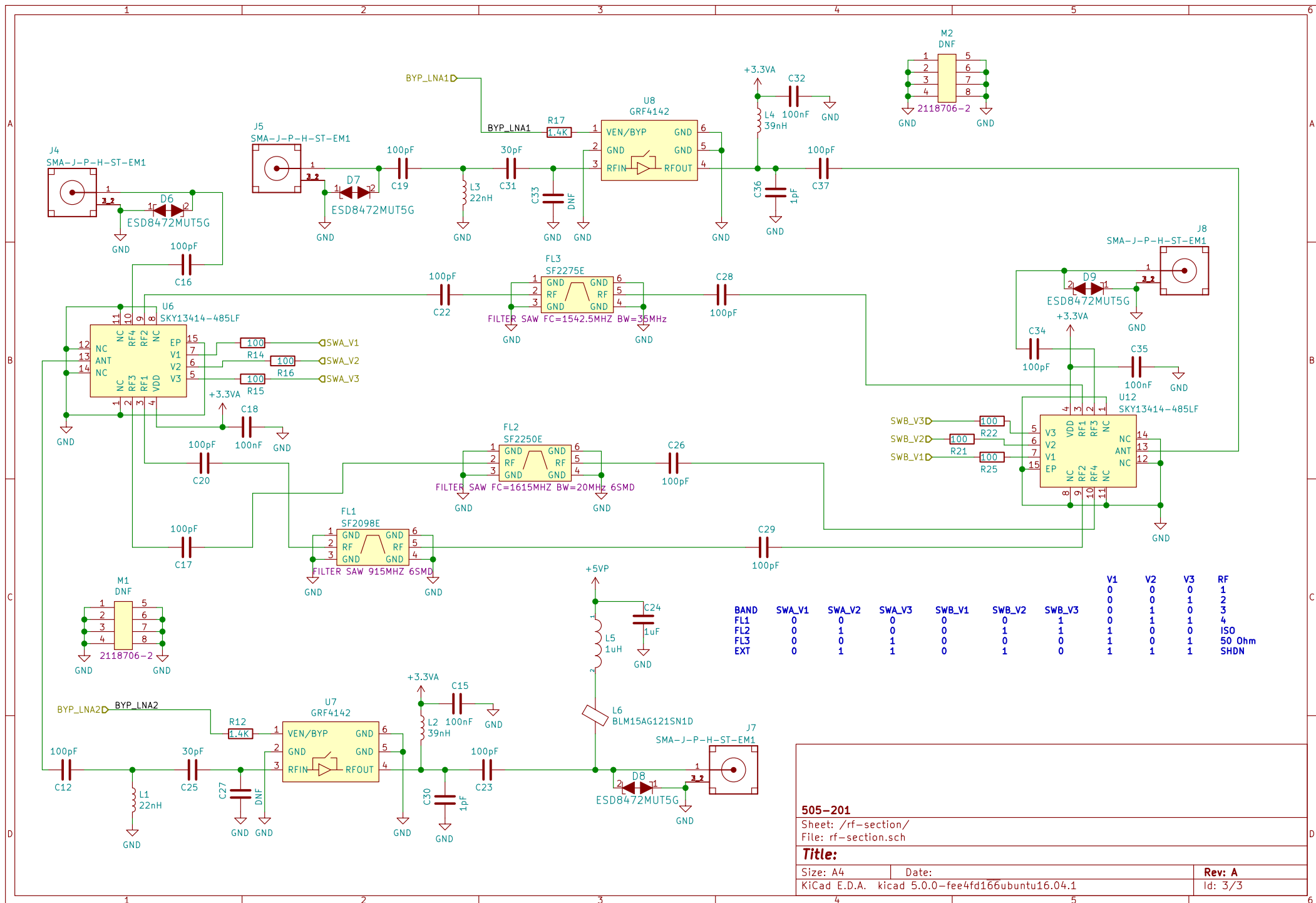
Size: A4

Date:

KiCad E.D.A. kicad 5.0.0-fee4fd166ubuntu16.04.1

Rev: A

Id: 2/3



505-201

Sheet: /rf-section/

File: rf-section.sch

Title:

Size: A4

Date:

KiCad E.D.A. kicad 5.0.0-fee4fd166ubuntu16.04.1

Rev: A

Id: 3/3