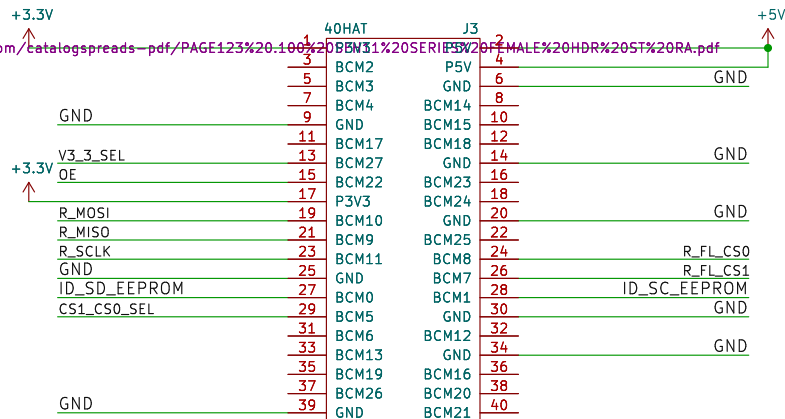


This is based on the official Raspberry Pi spec to be able to call an extension board a HAT.
<https://github.com/raspberrypi/hats/blob/master/designguide.md>

40-Pin HAT Connector



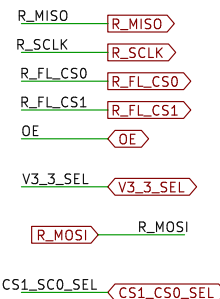
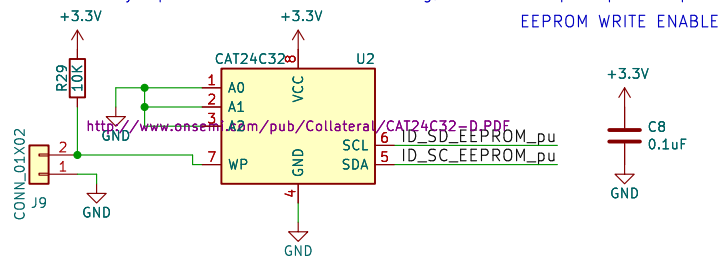
SPI Flash Programmer



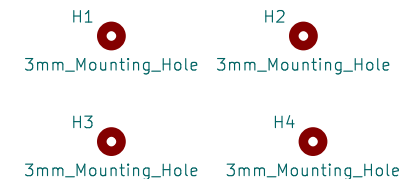
File: ../../../../tmp/raspberry-pi-spi-programmer2/spi-flash-programmer.sch

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.

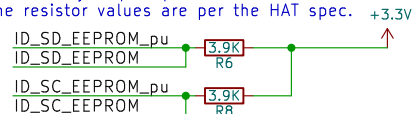


Mounting Holes



Pullup Resistors

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



Sheet: /	
File: working.kicad_sch	
Title: Raspberry Pi HAT	
Size: USLetter	Date: 2019-01-28
KiCad E.D.A. eeschema 7.0.6	Rev: 2.2
Id: 1/2	

123456						
A						A
B						B
C						C
D						D
123456						

Sheet: /SPI Flash Programmer/ File: spi-flash-programmer.sch		
Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. eeschema 7.0.6	Id: 2/2	