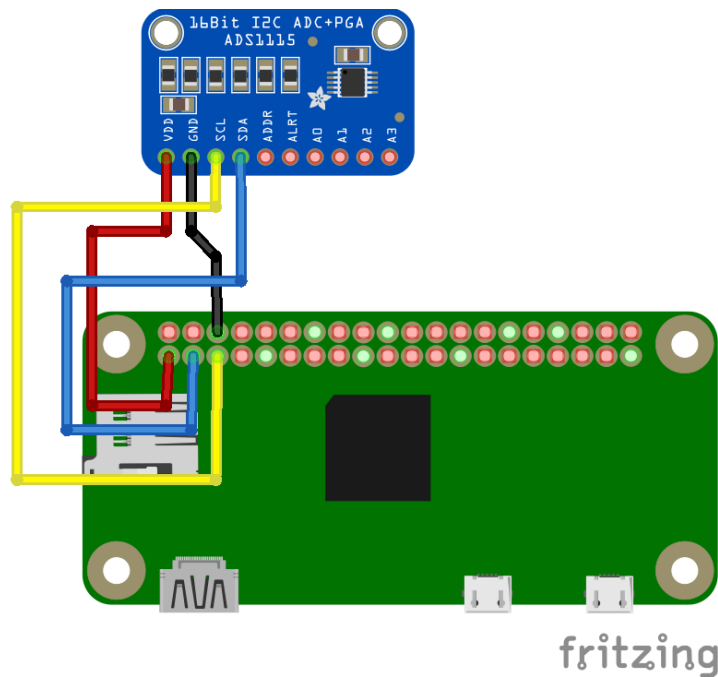# ADS1115 16Bit 4 ch I2C ADC interfacing with raspberry using Python

Interfacing circuit diagram

Library installation:
To install from the Python package index connect to a terminal on the Raspberry Pi and execute the following commands:

```
sudo apt-get update
sudo apt-get install i2c-tools
sudo apt-get install build-essential python-dev python-smbus python3-pip
sudo pip install adafruit-ads1x15
```

after installation you can run the example program.