



Sayan, 18th April, 2023

- PCB connected to function generator
- SPI 4 ribbon cable leftmost pin
- Reading 1 byte of data from the ADC every 10ms
- Multiplexer not configured
- Sending 4.4 Hz sine wave, reading 4.9 ± 0.1 Hz

```
pi1@raspberrypi:~/codes $ python3 spi_counter.py 5
writing data to /home/pi1/data/flow_rate.csv
Tue Apr 11 18:39:25 2023: 0.000 Hz 0.000 Hz 0.000 Hz 5.000 Hz
Tue Apr 11 18:39:30 2023: 0.000 Hz 0.000 Hz 0.000 Hz 4.800 Hz
Tue Apr 11 18:39:36 2023: 0.000 Hz 0.000 Hz 0.000 Hz 5.000 Hz
Tue Apr 11 18:39:41 2023: 0.000 Hz 0.000 Hz 0.000 Hz 5.000 Hz
```

