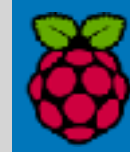


- **Generating analog sine signal using function generator**
- **Fed the same signal to both the ADCs**
- **Sampled from 2 ADCs every 10ms for 30s**
 - **Reading simultaneously from both ADCs**
- **Counted the number of signals by rising edge**
- **Went from 1 Hz(no signal) to 4 Hz and got same frequency on Pi with uncertainty of 0.01 Hz**



- **One of the ADC is heating up, both the circuits are the same**
- **Not getting any signal/getting noisy signal from hot ADC**
- **Disconnect the ADC Digital supply pin(pin 16) and then let the ADC cool down**
- **Works again when cold**