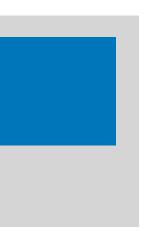
KLM Meeting



- 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

Reading 2 channels from 2 ADCs

Sayan Mitra, 21st March, 2023



KLM Meeting



- 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

Reading 2 channels from 2 ADCs

Sayan Mitra, 21st March, 2023

both the circuits are the same noisy signal from hot ADC pply pin(pin 16) and then let the

