Historico dessa bagaça

1 – 1µs interruption to create 32 ramps = FAIL

2 – 10µs interruption to create 32 square waves = success

3 – 10µ interruption to create 32 adaptive ramps = success

Explain with code

4 – Input 🡪 touch ribbon (soft pot)

Pull-down resistor problem

* Low resistor provides good grounding but distorts signal
* High resistor provides good linearity but noise and bias are increased

Rpd = pull-down resistor

R = the value of the soft pot

Small value capacitor for filtering

5 – The “voices” problem:

* Random buzz at the beginning
* The travel through
* Where to travel?
* Sheppard up and down