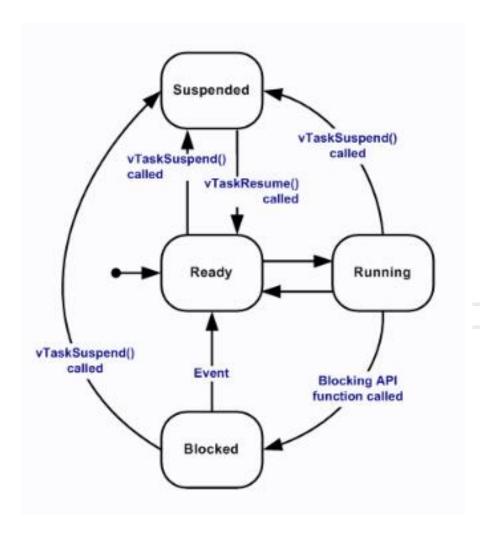
LEMBRANDO: PERIODICIDADE DAS TASKS

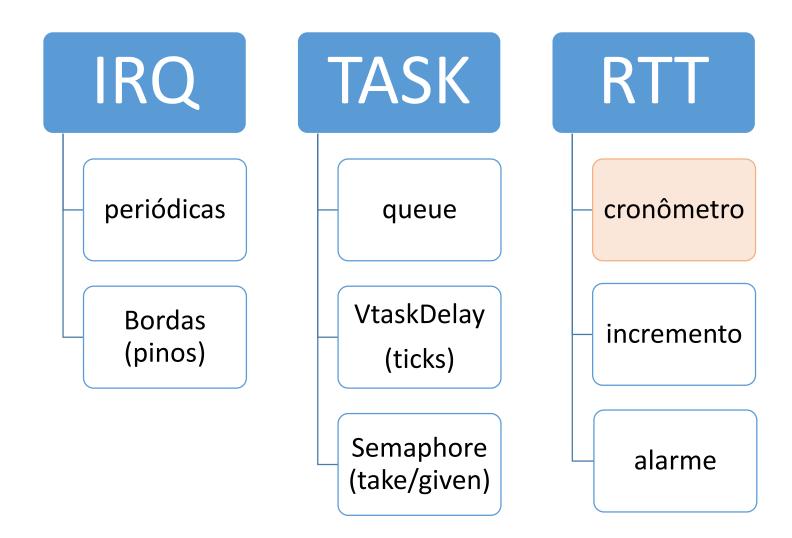


Tasks são executadas durante um certo intervalo de tempo, DEPOIS SUSPENSAS, liberando o processador!

VtASKdELAY(TICKS) xQueueReceive xSemaphoreTake

LAB 5 – HCSR04

ONDE ESTAMOS



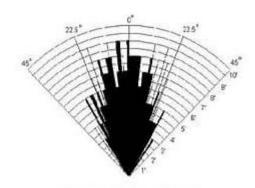
→ Alimentação: 5V DC

◆ Corrente de Operação: 2mA

♣ Ângulo de efeito: 15°

◆ Alcance.: 2cm ~ 4m

Precisão.: 3mm



Practical test of performance, Best in 30 degree angle



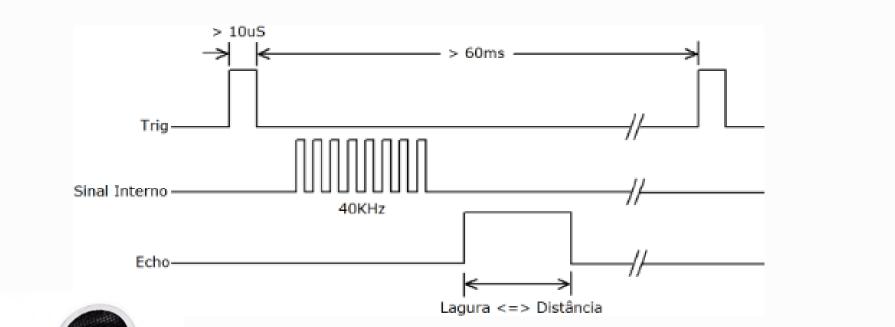
R\$13,90

☐ 1X DE R\$13,90 S/ JUROS

R\$13,20 NO PIX

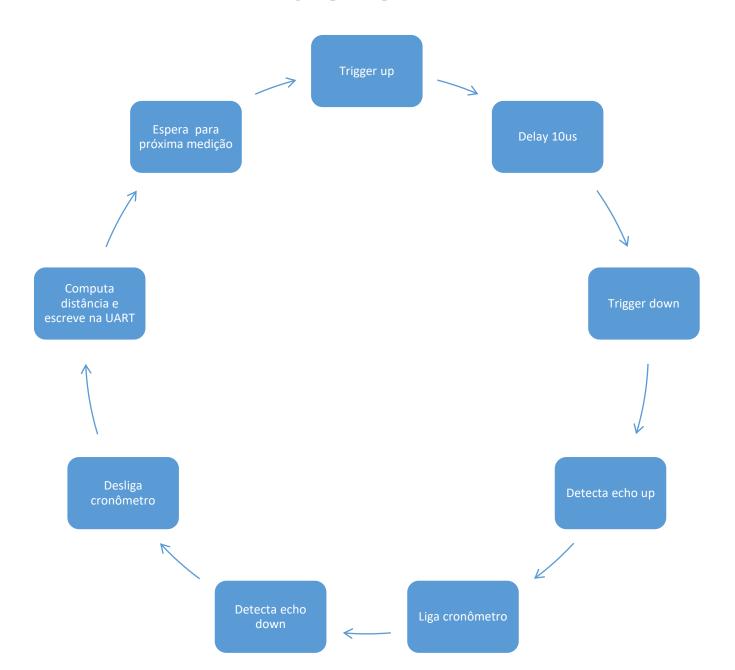
- 1 +

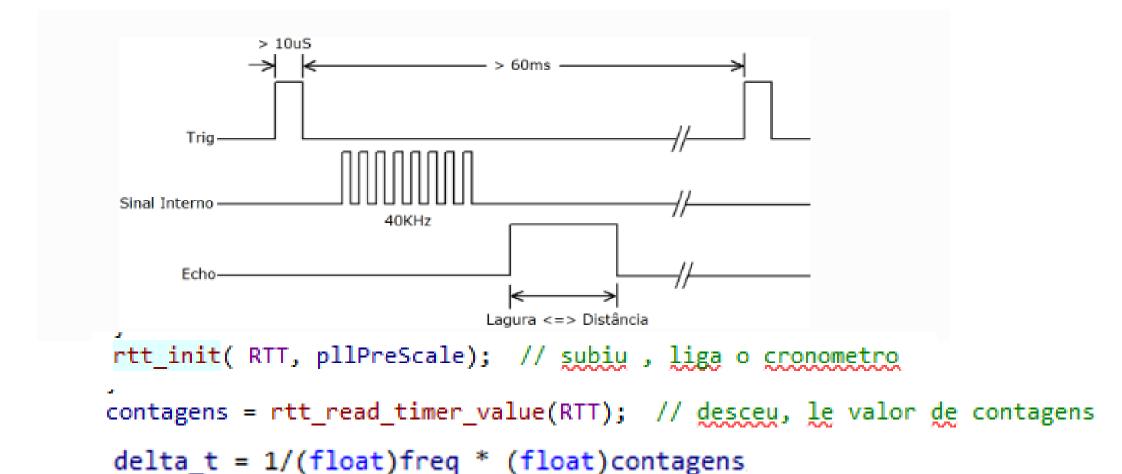






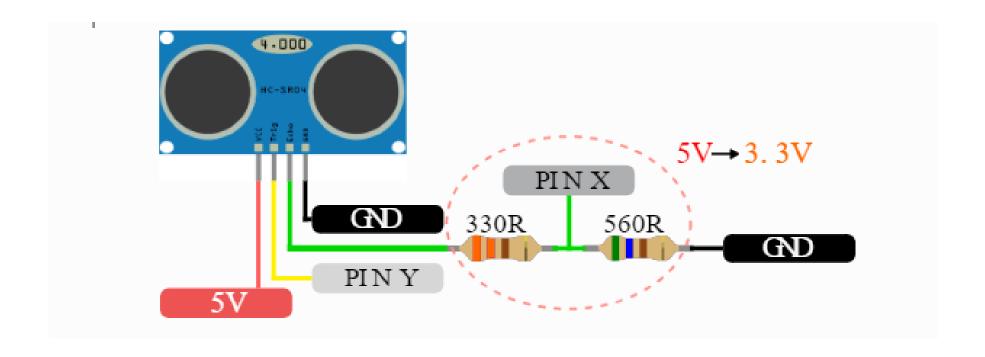
$$Distância = (T_{down}^{echo} - T_{up}^{echo}) * \frac{340}{2}$$

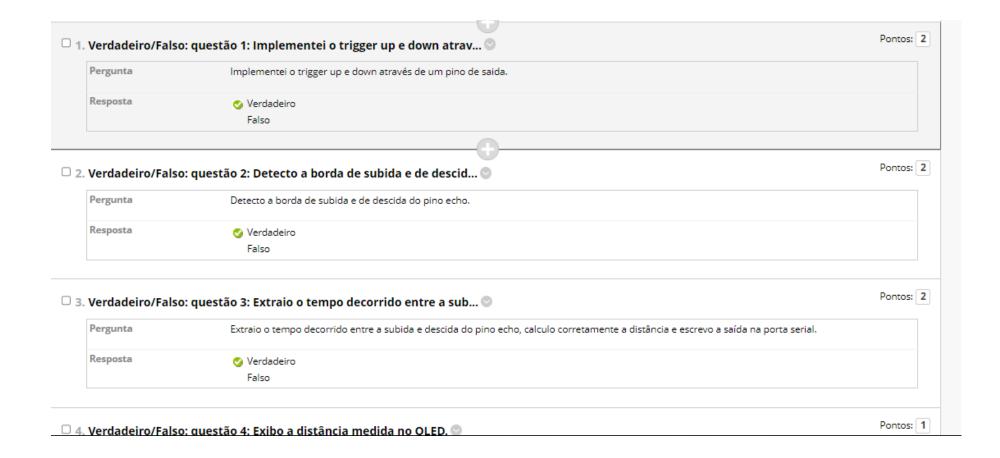




Lembrem de add no ASF o RTT)

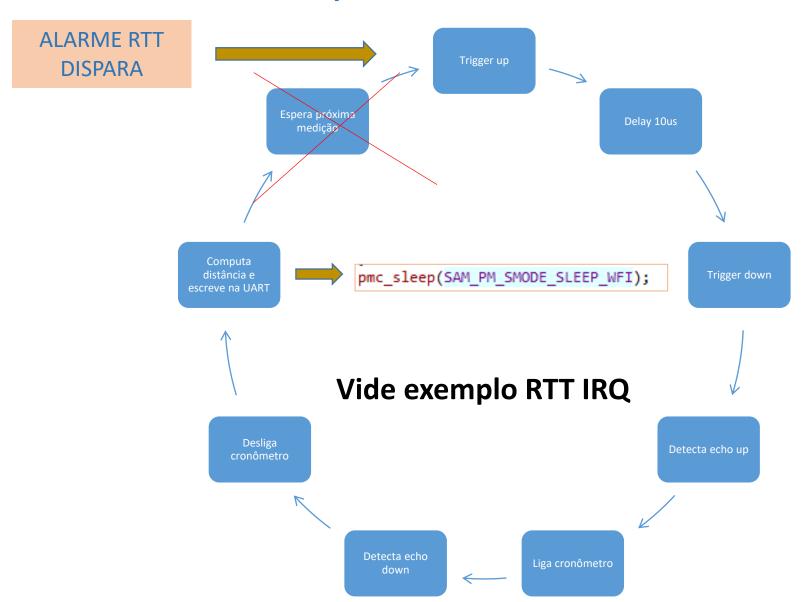
$$Distância = \left(T_{down}^{echo} - T_{up}^{echo}\right) * \frac{340}{2}$$





DESAFIO

FAZER UMA MEDIÇÃO A CADA ALARME DO RTT AO INVÉS DO DELAY!



DESAFIO

FAZER UMA MEDIÇÃO A CADA ALARME DO RTT AO INVÉS DO DELAY!

Vide exemplo RTT IRQ