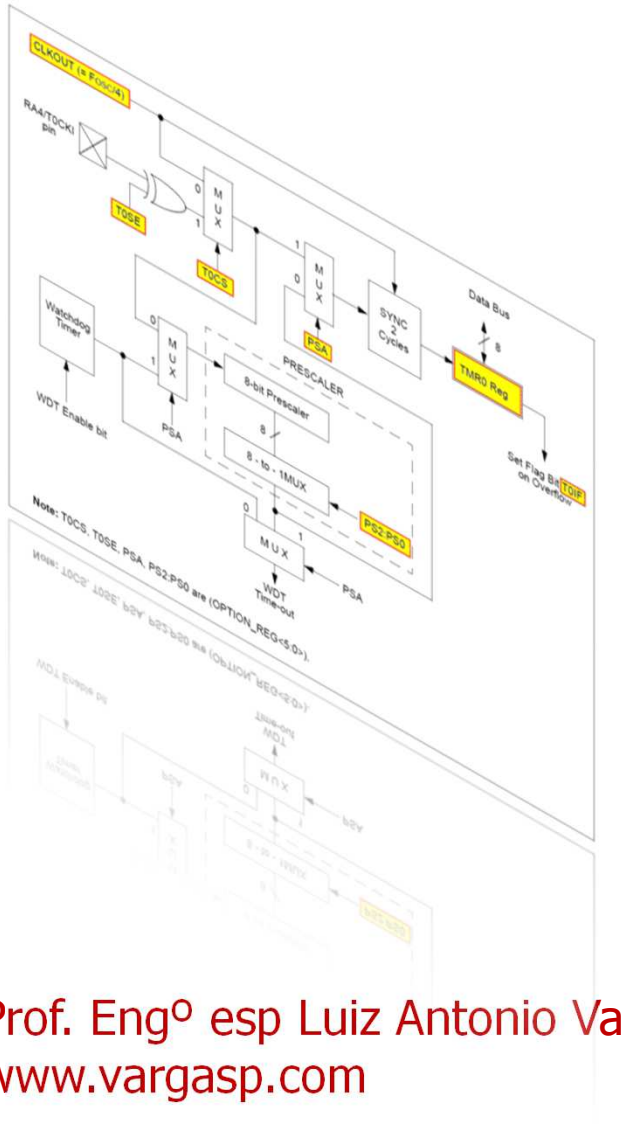
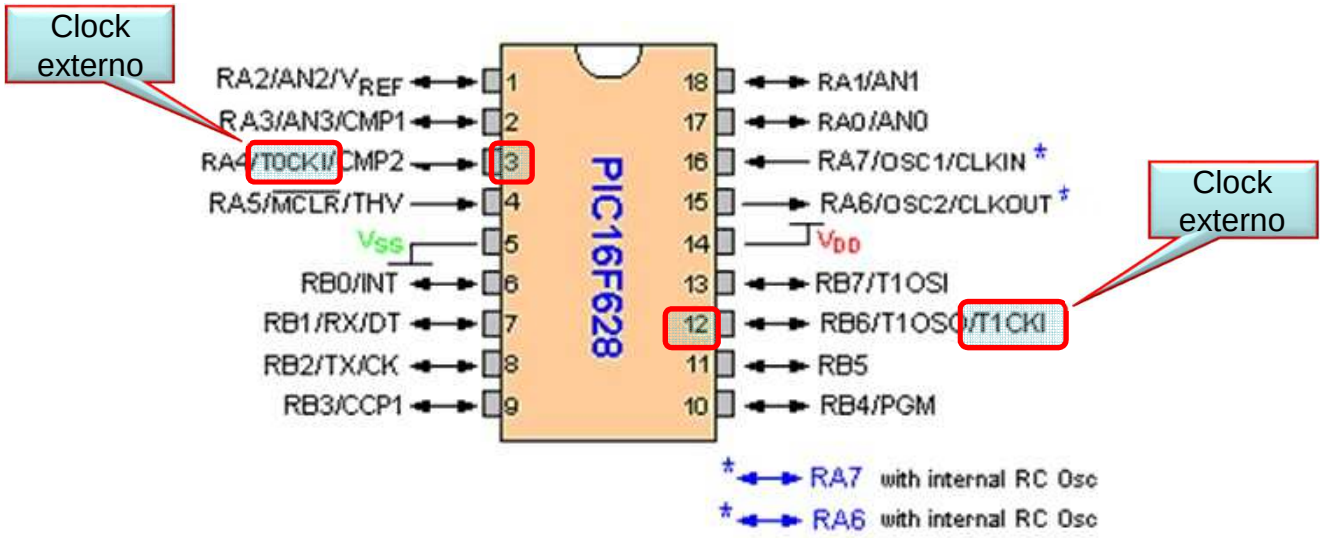
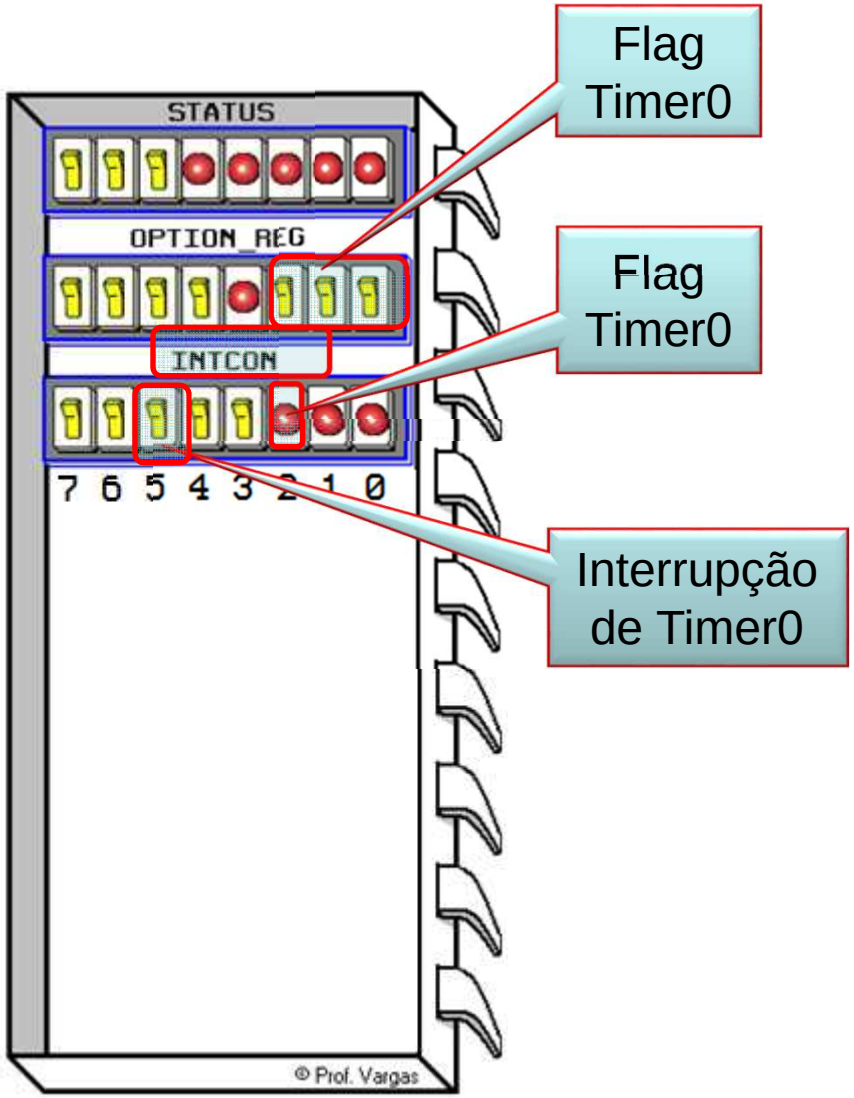
TIMER 0



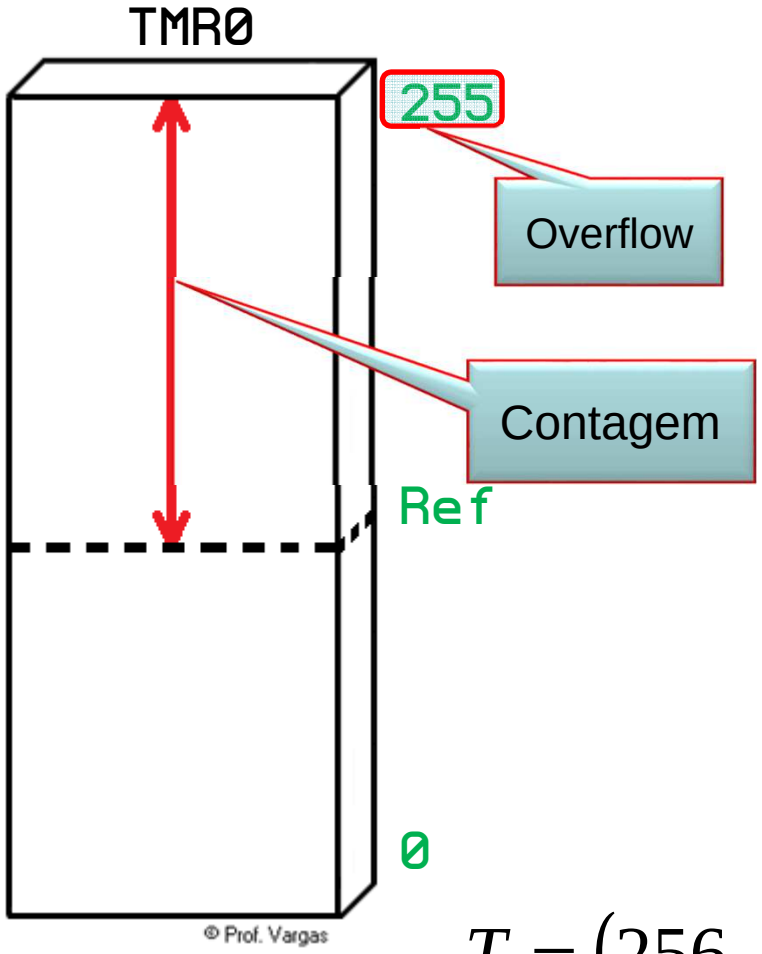
Características

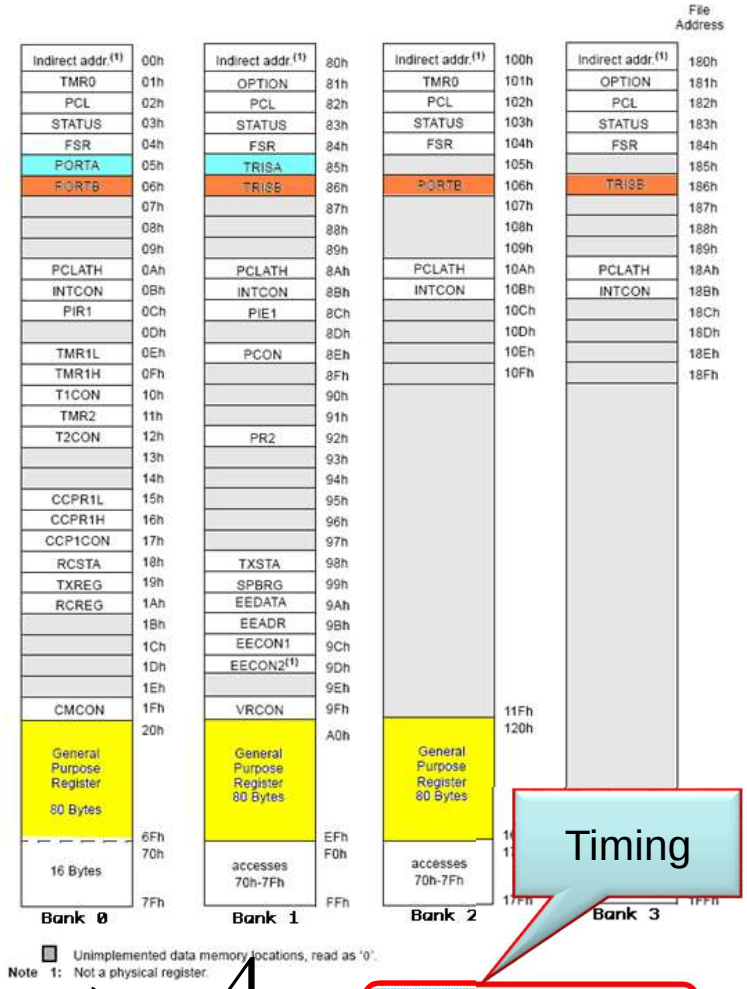


Visão geral



O conceito





Timing

$$T = (256 - TMR0) \times \frac{4}{F_{OSC}} \times Prescaler$$

Prescaler (Registro Option_reg)

- **Bit 3: PSA: Configuração do prescaler:**
  - 0 - prescaler aplicado ao TMR0.
  - 1 - prescaler aplicado ao WDT.

- **Bit 2,1,0: PS2,PS1,PS0 :Configuração de prescaler:**

PS2/1/0	TMR0	WDT
000	1:2	1:1
001	1:4	1:2
010	1:8	1:4
011	1:16	1:8
100	1:32	1:16
101	1:64	1:32
110	1:128	1:64
111	1:256	1:128