

Cálculos

- Timer 0 (Multiplexado)
 - t deseado : 1.5 ms
 - fclk : 1 MHz

$$\text{Prescaler} \geq \frac{(1.5 \text{ ms})(1 \text{ MHz})}{2^8} \geq 5.85 \longrightarrow \boxed{64}$$

$$\text{TCNT0} = 256 - \frac{(1.5 \text{ ms})(1 \text{ MHz})}{64} \approx \underline{230} //$$

- Timer 1 (Conteo de minutos)
 - t deseado : 500 ms
 - fclk : 1 MHz

$$\text{Prescaler} \geq \frac{(500 \text{ ms})(1 \text{ MHz})}{2^{16}} \geq 11.72 \longrightarrow \boxed{1024}$$

$$\text{TCNT0} = 65536 - \frac{(500 \text{ ms})(1 \text{ MHz})}{1024} \approx \underline{65.048} //$$