

The formula is :  $\frac{(\text{Reload} + 1)}{F_{cpu}} = \text{Period}$

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Solution

$$F_{cpu} = 8 \times 10^6 \text{ Hz} \Rightarrow \frac{\text{Reload} + 1}{8 \times 10^6} = 13 \times 10^{-3}$$
$$\text{Period} = 13 \times 10^{-3} \text{ s}$$

$$\text{Reload} + 1 = 104.000$$

$$\text{Reload} = 103.999 //$$