PMR3406 - Microprocessadores - Aula 18/05/2020

Gustavo Marangoni Rubo - 4584080

a) 
$$PR2 = \frac{F_{osc}}{(TM2 Pres).4 Fpwm} - 1 =$$

$$= \frac{10.10^6}{4.4.7.10^3} - 1 = 88$$

$$n = \frac{5.7.10^{5} F_{osc}}{(TMRZ Presc)} = \frac{5.7.10^{2}}{4} = 142.4 = 0600100011100$$

e) Resolution = 
$$\frac{\log(4(PR2+1))}{\log(2)} = 8.47 + 8 \text{ bits}$$