

$$C_1 := 10000 \text{ pF} \quad C_2 := 1200 \text{ pF} \quad \alpha_1 := \frac{1}{68.2 \text{ } \mu\text{s}} \quad \alpha_2 := \frac{1}{0.405 \text{ } \mu\text{s}}$$

$$R_1 := \frac{1}{2 C_2} \cdot \left(\left(\frac{1}{\alpha_1} + \frac{1}{\alpha_2} \right) - \sqrt{\left(\frac{1}{\alpha_1} + \frac{1}{\alpha_2} \right)^2 - \frac{4 \cdot (C_1 + C_2)}{\alpha_1 \cdot \alpha_2 \cdot C_1}} \right) = 378.271 \text{ } \Omega$$

$$R_2 := \frac{1}{2 (C_2 + C_1)} \cdot \left(\left(\frac{1}{\alpha_1} + \frac{1}{\alpha_2} \right) + \sqrt{\left(\frac{1}{\alpha_1} + \frac{1}{\alpha_2} \right)^2 - \frac{4 \cdot (C_1 + C_2)}{\alpha_1 \cdot \alpha_2 \cdot C_1}} \right) = 6.085 \text{ k}\Omega$$

$$\eta := \frac{1}{1 + \frac{C_2}{C_1}} = 0.893$$