

$$\text{CCR} = \frac{T_{r(\text{SCL})} + T_{w(\text{SCLH})}}{T_{\text{PCLK1}}}$$

$$\text{CCR} = \frac{1000 + 4000 \text{ ns}}{22.222 \text{ ns}}$$

$$\text{CCR} = 225$$

$$T_{\text{PCLK1}} = 1 / 45 \text{ MHz}$$

$$\text{TRISE} = \frac{T_{r(\text{SCL})}}{T_{\text{PCLK1}}} + 1$$

$$\text{TRISE} = \frac{1000 \text{ ns}}{22.22 \text{ ns}} + 1$$

$$\text{TRISE} = 45 + 1 = 46$$