



$$\text{SET } R_M = R_T || R_S$$

$$\text{SET } R_T = \frac{1}{\left(\frac{1}{R_S} - \frac{1}{R_{IN}} \right)}$$

$$R_{IN} = \frac{R_G}{1 - \left(\frac{R_F}{2 * (R_F + R_G)} \right)}$$