$R_4 = R_5 = 1$

$$S_{R_2}^{Q} = \frac{R_2}{Q} \frac{\partial Q}{\partial R_2}$$

$$\frac{\omega_0}{Q} = \frac{1}{C_1 R_2}$$

$$Q = \omega_0 C_1 R_2 = \sqrt{\frac{1}{C_1 C_2 R_1 R_3}} \cdot C_1 R_2$$

$$S_{R_2}^{Q} = \frac{R_2}{\sqrt{\frac{1}{C_1 C_2 R_1 R_3}}\, C_1 R_2} \cdot \sqrt{\frac{1}{C_1 C_2 R_1 R_3}}\, C_1$$

$$S_{R_2}^{Q} = C_1 = 1$$