Small Single Mode for Frequency Compensation

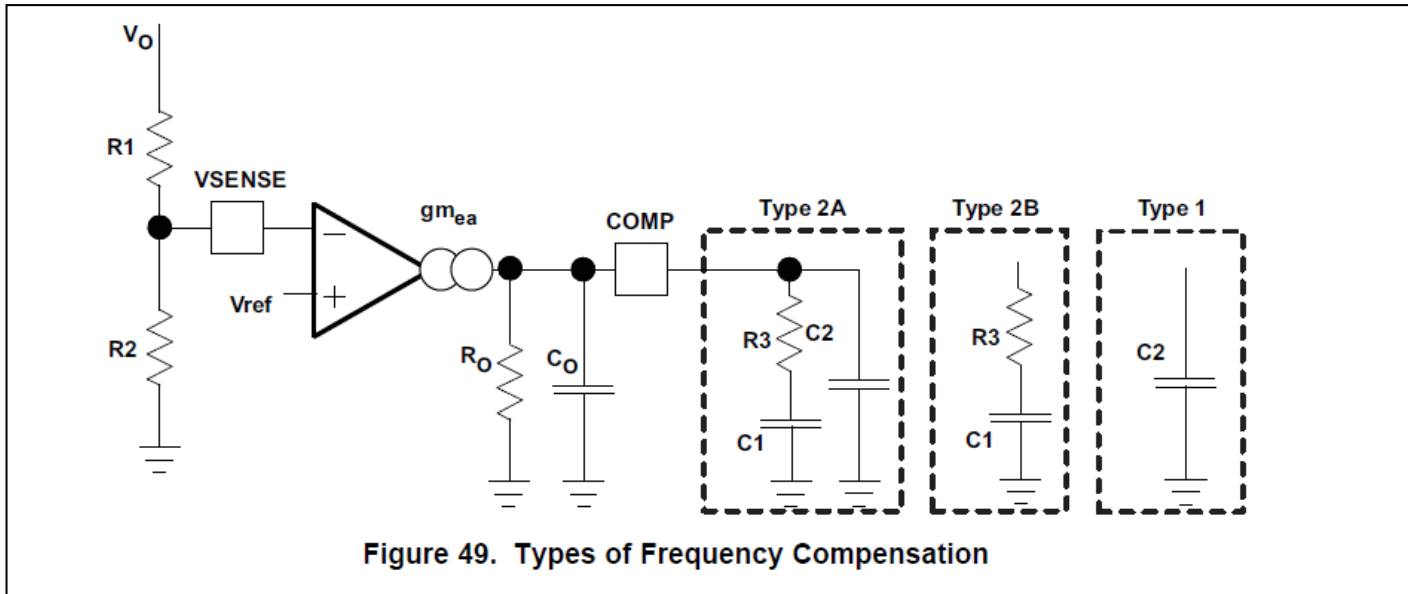**Figure 49. Types of Frequency Compensation**

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DETAILED DESCRIPTION (continued)

$$Z1 = \frac{1}{2\pi \times R3 \times C1} \tag{24}$$

$$P2 = \frac{1}{2\pi \times R3 \,||\, \underline{R} \times (C2 + \underline{C_{OUT}})} \quad \text{type 2a} \tag{25}$$

$$P2 = \frac{1}{2\pi \times R3 \,||\, \underline{R} \times \underline{C_{OUT}}} \quad \text{type 2b} \tag{26}$$

Cout $\Rightarrow$ Co?

$$P2 = \frac{1}{2\pi \times \underline{R} \times (C2 + \underline{C_{OUT}})} \quad \text{type 1} \tag{27}$$

R $\Rightarrow$ Ro ?

Is it not Cout but Co at 25~27 formula?
Is it not R but Ro at 25~27 formula?