



$$R1 = R2 \left[\frac{V_{O} - 1}{V_{fb}} \right]$$

$$R1 = R2 \left[\frac{V_{O}}{V_{fb}} - 1 \right]$$

$$= 180 \text{ k}\Omega * \frac{V_{O}}{500} - 1$$

$$= 180 \text{ k}\Omega * 2V_{O} - 1$$

$$= \begin{cases} 1 \text{ M}\Omega + 620 \text{ k}\Omega & \text{for } 5V \\ 1 \text{ M}\Omega + 8 \text{ k}\Omega & \text{for } 3.3V \end{cases}$$



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