



$$R3 = \left(\frac{V_{OVP}}{3.02} - 1 \right) \times R4$$

$$V_{OVP} = 1 + (R6/R7) \times 3.02V$$

$$I_{LED} = \frac{V_{ISET}}{R11} \times K_{ISET}$$
 where

- V_{ISET} is the ISET pin voltage of 1.229 V
- K_{ISET} is the current multiple of 3992.

Figure 20, using Equation 9.

$$V_{LED_SHORT} = \frac{R12}{R11} \times 1.229V$$
 ... LED pin voltage exceeds the threshold