

$$\text{Current Limiting Resistor} = R = \frac{V_c - 1.5}{10\text{mA}}$$

$$R1 = \frac{24 - 1.5}{10\text{mA}} = 2250\Omega$$

$$R2 = \frac{3.3 - 1.5}{10\text{mA}} = 180\Omega$$

$$R4 = \frac{24 - 0.7}{24\text{mA}} = 970\Omega$$

