

$$R_T = R_1 + R_2 + R_3$$

$$V_T = 5V$$

$$I_T = 5mA \quad (1mA)^{**}$$



$$R_T = \frac{V_T}{I_T} = \frac{5V}{5mA} = 1k \quad (5k)^*$$

$$R_1 = \frac{V_{R1}}{I_T} = \frac{4,7}{5mA} = 940\Omega \quad (4k7)^{**}$$

$$R_2 = \frac{V_{R2}}{I_T} = \frac{100mV}{5mA} = 20\Omega \quad (100\Omega)^{**}$$

$$R_3 = \frac{V_{R3}}{I_T} = \frac{200mV}{5mA} = 40\Omega \quad (200\Omega \rightarrow 100 + 100\Omega)^{**}$$

** valores mais fáceis de serem encontrados

10/10/2001