



$$I = I_{5} \left(e^{\frac{V}{NVT}} - 1\right)$$

$$V_{D} = M \cdot \frac{V_{T}}{I_{D}} - 25mV$$

$$L_{5} \cdot 1 \cdot Ge$$

$$Z \cdot Si$$

$$I_D = 10 \, \text{pt} \qquad V_D = 2$$

$$T_{0} = 10 \text{ p.t.}$$
 $V_{0} = 2 - \frac{25 \cdot 10^{-3}}{10 \cdot 10^{-6}} = 2 \cdot \frac{25}{10 \cdot 10^{-3}} = 5 \cdot 10^{3} = 5 \text{ ks.}$





