

Vis - 50 - 1 - 1 ---

$$2 - I_{D1}(10K) - 0.024 \ln \left(\frac{IDI}{100pR} + 1\right) = 0$$

$$I_{D1} = 162.81M$$

$$V_{D1} = 0.026 \ln \left(\frac{162.81M}{100pA} + 1\right)$$

$$V_{D1} = 371.876mA$$

