$$W = \sqrt{2} T_F D_n = \sqrt{2} \frac{C_b}{g_m} D_n$$

$$\tilde{l} = V_i \cdot g_m \quad T_s = \frac{q_i A_i D_{p_i} \rho_{no}}{W}$$

$$g_{m} = \mu_{n} \left(o_{x} \stackrel{W}{U} v_{ov} \right) \quad Y_{o} = \stackrel{V_{A}}{I_{D}} \quad \frac{k_{op}}{\zeta_{Js}} = \frac{2}{3} WL \left(o_{x} \right) \quad k_{n} = k_{n} \stackrel{W}{W} W$$

$$I_{D} = \mu_{n} \left(o_{x} \stackrel{W}{U} v_{ov} \right) \quad \frac{I_{pa\mu_{s}}}{I_{D}} \quad \mu_{s} \stackrel{Cgd}{U} \quad (o_{x} = \frac{\ell_{ox}}{\ell_{ox}})$$

$$Q = \left(o_{x} \stackrel{W}{U} v_{ov} \right) \quad \frac{I_{pa\mu_{s}}}{I_{D}} \quad \mu_{s} \stackrel{Cgd}{U} \quad (o_{x} = \frac{\ell_{ox}}{\ell_{ox}})$$