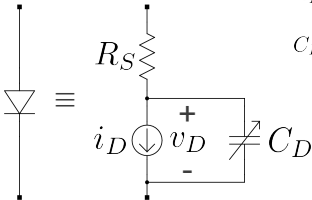


سپاٹ ماڈل ڈایوڈ



$$i_D = I_S \left(e^{\frac{v_D}{nV_T}} - 1 \right)$$

$$C_D = \frac{\tau}{V_T} I_S e^{\frac{v_D}{nV_T}} + \frac{C_{j0}}{\left(1 - \frac{v_D}{V_0} \right)^n}$$