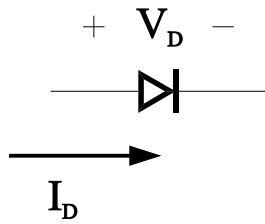
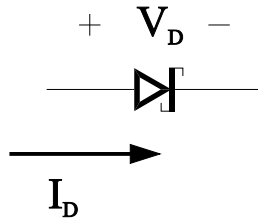


DIODES

Symbols



PN Junction

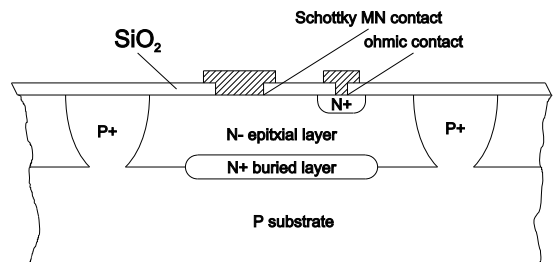
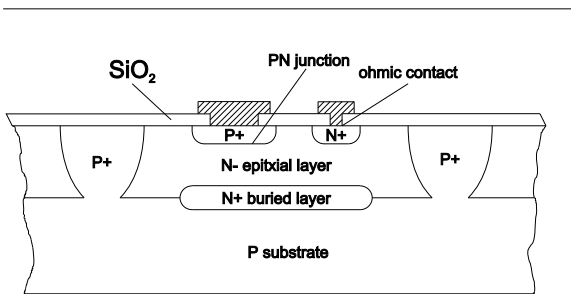


MN Schottky Junction

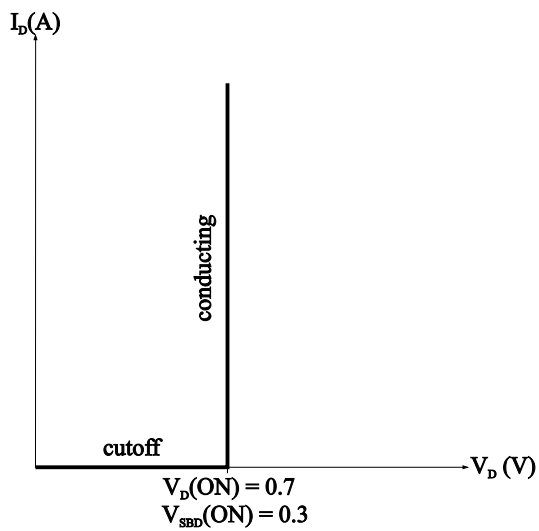
Shockleys Eq:

$$I_D = I_0 (e^{V_D/V_T} - 1)$$

or $V_D = V_{D0} = 0.7 \text{ V}$
for Forward Bias



IV Characteristics



SPICE Model

