

## 4.8 The MOSFET Internal Capacitances and High-Frequency Model

**Reading Assignment:** *pp. 320-325*

Like the BJT, MOSFETs have internal **parasitic** capacitances that will ultimately limit amplifier bandwidth.

**HO: The MOSFET High-Frequency Model**

A measure of a MOSFETs "bandwidth" is its **unity gain frequency**.

**HO: MOSFET Unity Gain Frequency**