

## IBIS Standard

- V1.0 1993, V3.2 Sept. 1999, V4.0 July 2002
- Table driven format using V/I curves for buffers, key specs like R/L/C of package pins
- · Offers Fast, Accurate Signal Integrity simulation
- Standalone signal integrity products from Cadence, Mentor Graphics (HyperLynx) can read IBIS models directly

BR

2

· HSPICE (Synopsys) can read IBIS models directly

4/15/2003

Model Types • Input, Output, I/O, 3-state, Open\_drain, I/O\_open\_drain, • Open\_sink, I/O\_open\_sink, Open\_source, I/O\_open\_source, • Input\_ECL, Output\_ECL, I/O\_ECL, 3-state\_ECL, Terminator, • Series, and Series\_switch.













