

PDK summary

PDK ID: tsmc-025mm
PDK version: 1.1.1.R
PDK release date: 04/15/2009
Fab/Foundry name: TSMC
Technology name: TSMC-025MM (TSMC 0.25 Mixed-Mode 1P5M option)

(1) Certified Simucad EDA tool versions for this PDK version:

Gateway: 2.6.7.R
 SmartSpice: 3.11.50.B *
 SmartView: 2.20.6.R
 Expert: 4.4.12.R
 Guardian LVS: 4.4.12.R
 HIPEX: 3.2.7.R

* Tool set changed from previous version

(2) Important procedures for PDK version migration:

1. **MODELS:** Please use SmartSpice proprietary model library “tsmc-025mm.lib” provided in the folder ./gateway/models/.

(3) Changes for this PDK version (see below list for change code legends):

1. Smartspice proprietary model library “tsmc-025mm.lib”. (Code: E3)

Change Codes

Affected Tool Functions:

Code A: Gateway - Schematic Edit
 Code B: Gateway - Spice Net Generation
 Code C: Gateway - LVS Net Generation
 Code D: Gateway - NDL Net Generation
 Code E: Gateway/SmartSpice - Spice Simulation
 Code F: Gateway/SmartView - Wave View
 Code G: Expert - Layout Edit
 Code H: Expert - Pcells
 Code I: Expert - NDL
 Code J: Expert/Guardian DRC - DRC
 Code K: Expert/Guardian NET - Net extraction
 Code L: Expert/Guardian LVS - LVS
 Code M: Expert/Hipex RC - RC extraction
 Code Z: Others

Change Reasons:

- Code 1: Bug fix
- Code 2: Fab/Foundry file update
- Code 3: Function improvement
- Code 9: Others