

PDK summary

PDK ID: tsmc-050hv40v
PDK version: 1.1.1.R
PDK release date: 8/17/2009
Fab/Foundry name: TSMC
Technology name: TSMC-05HV40V (TSMC 05HV40V 0.5um High Voltage 2P3M)

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

Gateway: 2.8.25.R
 SmartSpice: 3.11.57.C
 SmartView: 2.22.8.R
 Expert: 4.4.22.R
 Guardian: 4.4.22.R
 Hipex: 3.2.15.R

(2) Important procedures for PDK version migration:

N/A – Initial full PDK release

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

Updated the quickstart example circuit of square wave generator (swg), and the quickstart manual (tsmc_050hv40v_quickstart.pdf). (Z1)

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