

PDK summary

PDK ID: tsmc-crn90g (previously tsmc-n90rfg)
PDK version: 1.1.2.R
PDK release date: 05/27/10
Fab/Foundry name: TSMC
Technology name: TSMC 90 NM CMOS MIXED SIGNAL RF GENERAL PURPOSE PDK(CRN90G)

This release supports the following process options:

Front-end

CRN90G MS 1.0V/1.8V/3.3V

CRN90G MS 1.0V/2.5V

CRN90G RF 1.0V/2.5V

Back-end

1p9m (top metal is UTM, top-1 metal is thick metal)

1p9m (top metal is thick metal, top-1 metal is thick metal)

Certified Simucad EDA tool versions for this PDK version:

Gateway: 2.10.2.R
SmartSpice: 3.12.4.R
SmartSpice RF: 1.5.10.C
SmartView: 2.22.8.R
Expert: 4.6.1.R
Guardian LVS: 4.6.1.R
HIPEX: 3.4.1.R