

MIXED-SIGNAL/RF SUBCOMMITTEE MINUTES AMS/RF SPICE MODEL CHECKLIST WORKING GROUP

Date: March 20, 2007
Location: Nangate Inc.
Time: 10:00AM

Attendees:

- Ehrenfried Seebacher – Austriamicrosystems
- Chelsea Boone – FSA
- Larry Tyler - Medtronic
- Samir Chaudry - Jazz
- Ken Brock – Nangate
- Sabine Perko – X-Fab
- Sebastian Schmidt – X-Fab
- Thomas Moerth – Austriamicrosystems
- David Cheskis – Jazz
- Philippe Jansen – IMEC

Summary:

- The “Magic Decoder Ring” proposed by Thomas was incorporated into the checklist in the 3 column format to stimulate adoption by users and get additional feedback.
- Current Model Checklist Components are available at:
<http://www.fsa.org/committees/msrf/deliverables.asp>

Discussion Items:

- Magic decoder ring adopted in the 3 column format and to be released as Version 1.2 for both the Checklist and User’s Guide.
- Major discussion about the discretion of the foundry of including all of the possible terms or just those relevant to a particular process (e.g. listing all of the RF definitions for a HV process or the HV definitions for a low voltage RF process.
- The end result of the discussion was that foundries may publish a subset of the abbreviation guide for brevity and clarity. It was felt that this need overrides the inclusion of all parameters so that it is easy for readers to view all of the options for completeness. The same abbreviation guide would be included and explained in section 4 of the User’s Guide with all of the possible abbreviations.
- We will try to get a better picture of the adoption experience of fabless readers and other fabs for the next meeting.

Next Meeting for AMS/RF SPICE MODEL Checklist Working Group:

The next meeting is scheduled for May 22, 2007 at 10:00AM via conference call since the 9:00AM did not work out well.