

MIXED-SIGNAL/RF SUBCOMMITTEE MINUTES AMS/RF PDK CHECKLIST WORKING GROUP

Date: February 27, 2007

Location: Nangate Inc.

Time: 10:00AM

Attendees:

- Thomas Moerth – Austriamicrosystems
- Chelsea Boone – FSA
- David Schwann – Sirenza
- Ken Brock – Nangate
- Sabina Perko – X-Fab

Summary:

- Brainstorming meeting to discuss how we can help the SPICE modeling teams to complete the SPICE model checklist.
- Current PDK and Model Checklist Components are Available at:
<http://www.fsa.org/committees/msrf/deliverables.asp>

Discussion Items:

- Thomas spoke to his SPICE modeling team and their feedback was the alphabetic encoding of the more complex fields in the checklist was cryptic for fabless readers of the checklist.
- Thomas volunteered to create a “magic decoder ring” that would decode these fields and include them in the checklist form. He delivered this and the SPICE modeling working group has incorporated it into the SPICE model checklist and are refining it. It is now much more readable.
- We also discussed if IC6.1 will require any changes to the PDK checklist as it now stands. No changes were anticipated now, however as new kits are developed the experience could be included in best practices.

Next Meeting for AMS/RF PDK Checklist Working Group:

The next meeting is scheduled for April 24, 2007 at 10:00AM on a conference call but is dependent on progress of the SPICE model checklist teams.