

MIXED-SIGNAL/RF SUBCOMMITTEE MINUTES PDK CHECKLIST WORKING GROUP

Date: October 23, 2007

Location: Teleconference

Time: 10:00AM (PST)

Attendees:

- Thomas Moerth – Austriamicrosystems
- Chelsea Boone – FSA
- David Schwan - Sirenza Microdevices
- Ted Paone - Cadence Design Systems
- Robb Johnson - Inphi Corp.

Summary:

- Discussed the results from the OA poll question; the different PDK issues associated with migrating from the Cadence CDB database to the OpenAccess database, and how these issues should be addressed in the checklist; and the compliance table which will be posted on FSA's Website.
- Current PDK and Model Checklist Components are Available at:
<http://www.fsa.org/subcommittees/msrf/index.asp>.

Discussion Items:

- The poll questions ("Is your company planning to transition to Open Access (OA)-based design tools?" and "If yes, when is your company planning the transition to OA-based design tools?") that were posted in the FSA Update found that 57.1% of respondents are planning to transition to OpenAccess-based design tools. 37% of respondents, the greatest percentage, have already made the transition.
- Migration to OpenAccess is an important item for PDKs in the future. Can we tackle this problem with our existing checklist? How hard is it to transfer designs (migrate the PDK) to OpenAccess? Is there benchmark data? Is this an EDA vendor issue or a foundry-fabless issue? Companies should be more worried about their data, not the design kit (e.g., is my data the same/work the same in a design kit after the transition?). Foundries must answer the question – "Does my design kit work with that set of tools?" Need to create verbiage to describe what the Q/A process should be. Will be included in Checklist and Users Guide.
- To improve compliance with the latest checklist, a public compliance table is proposed. The table will be posted on the FSA Website and will list the foundry, process, PDK Checklist version, Modeling Checklist version and foundry contact info.

Next Meeting for MS/RF PDK Checklist Working Group:

The next meeting is scheduled for January 22, 2008 at 10:00AM (PST).