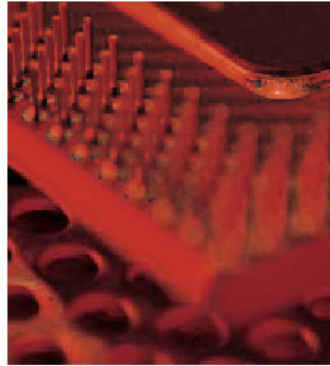




Global Semiconductor Alliance



## MS/RF PDK Working Group Meeting

September 16, 2010



## Agenda

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- Welcome and overview of the Working Group's activities over the last 12 months
- GSA's position on standard PDK formats
- Purpose of today's meeting
- Background on current standards - IPL, iPDK, OpenPDK)
- How should the Working Group move forward?





## 2009/2010 Working Group Activities

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- Nov 2009: Meeting was held to discuss the possibility of developing one open PDK format and how the working group could play a part in this endeavor. We found that it was unclear to the group what information is true and what is only a rumor. We needed to better understand what all is available and what is going to be available.
- Dec 2009: Presentations about OpenPDK and iPDK were given to group
- Jan 2010: Presentation on iPDK was given, update from Open PDK
- March 2010: Status from Mentor & TSMC
- May 2010: Update from Si2 on OpenPDK





## GSA MS/RF PDK WG's Position

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1. Having open de-facto standards that create efficiencies in the marketplace are important for the semiconductor industry.
2. Don't want to see the industry spin its wheels to create yet another standard among many.
3. Everyone needs to come together. Must be **driven** by the **foundries** with support from the EDA vendors.
4. Good planning is necessary - this is not a fast process.

### **Working Group Purpose:**

Creating a industry forum to gain a better understanding of the different formats that currently exist within the industry, how they differ from one another, what they define, who can use them, etc.





## Meeting Purpose

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Separate Fact from Fiction: To gain a better understanding of what formats currently exist within the industry, how they differ from one another, what they define, who can use them, etc.





## Background on Current Standards

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- IPL – Rich Morse, SpringSoft
- iPDK – Tom Quan, TSMC
- OpenPDK – Steven E. Schulz, Silicon Integration Initiative, Inc. (Si2)





How should the Working Group move forward?

