



OK initiative

it's OK to develop standards for custom design

Synopsys Interop Forum 2004

Oct 21, 2004

Nick English

**For more information
www.accellera.org**

OpenKit Status Oct 21, 2004



- Currently about 25 TSC members
- Unanimous corporate member vote to promote the DOD to the BoD in September 2003
- Accellera approved the DOD and accepted OK as a sanctioned Technical Subcommittee
- Press Release on formation of OK at ICCAD 2003
- Three working groups currently active since January, 2004
- Well received OK panel at DAC 2004

it's OK to develop standards for custom design **OK** initiative

Working Group Organization



1. Standard symbol set for design capture (WG1)
2. Physical design rule formats and naming conventions, layer representation standards (WG2)
3. Process electrical datasheet formats for commonly used devices (WG3)
4. Formation of 1 – 2 others being discussed

it's OK to develop standards for custom design **OK** initiative

OK Symbol WG1 Status



- **Technical progress**
 - Held 6 monthly technical meetings Jan-Oct 04
 - Defined scope of supported device for symbol standard
 - Defined terminology for consistent communication around symbol standards issues
 - Defined set of eight symbol footprints to drive initial standards
 - Completed analysis of one potential submission candidate; identified backup sourcing option
- **Next steps**
 - Resolve submission paperwork issues
 - Develop initial draft standard
 - Assess EDIF and other formats for applicability

it's OK to develop standards for custom design **OK** initiative

OK Physical WG2 Status



- **Technical progress**
 - Held 7 monthly technical meetings Jan. – Oct 04
 - Reviewed candidate formats for technology rule description
 - ALF
 - OpenAccess
 - Milkyway / plib
 - Miscellaneous proprietary formats
 - Current recommendation is ALF
- **Next step**
 - Create draft spec

it's OK to develop standards for custom design **OK** initiative

Electronic Data Exchange WG3



- **WG3 has generated a sample "Electrical Spec & SPICE Model Format" template as a seed**
- **Making contact with foundries to solicit donations of standard electrical & physical spec format and templates.**
- **WG3 has invited CMC and FSA to support & endorse this effort:**

it's OK to develop standards for custom design **OK** initiative

OK



- Overall Progress to date
- Organizational structure
- Publicity (not too much, not too little)
- Potential submissions of technology
- New areas of investigation
- New website infrastructure

it's OK to develop standards for custom design **OK** initiative

Need to make OK



- **Company and industry participation mix**
 - **Particularly foundries**
- **Relationship with FSA, SI 2, CMC**
- **Accellera membership and funding**

it's OK to develop standards for custom design **OK** initiative



OK initiative

it's OK to develop standards for custom design

Synopsys Interop 2004

Oct 21, 2004

Nick English

**For more information
www.accellera.org**