IEEE P1500

Standard for Embedded Core Test

Working Group Meeting

April 27, 2003
Agenda

- Introduction and WG Update
  - Y. Zorian

- Call for Patents Process
  - All

- Task Force Status Updates
  - Scalable Architecture, M. Ricchetti
  - Core Test Language, R. Kapur
  - Compliance Definition, K. Arabi
  - Documentation, Francisco da Silva
  - Mergeable Cores, S. Bhawmik
Agenda (cont.)

- Detailed Analysis of P1500 Information Model Compliancy Rules
- IEEE P1500 Development Master Schedule
- Balloting Group Formation Process
- Conclusion
Introduction & P1500 WG Update

- Introduction of Participants
- Internal Development & External Awareness
- Update on status of Task Forces
- 7th TECS Workshop Submission
- WG Meeting Schedule
P1500 Internal Efforts

- Over 40 volunteers continue extensive efforts to complete draft standard
  - WG meets for eight time in at VTS
  - Scalable Architecture Task Force meets every week
  - Core Test Language Task Force biweekly meetings
  - Compliancy Definition Task Force meets every week
  - Documentation Task Force weekly meetings
  - Mergeable Cores Task Force meets periodically

- Over 70 companies represented on WG
- Increased information requests
Tentative WG Meeting Schedule for 2003

- March: DATE 2003, Munich: March 5
- April: VTS 2003, Napa: April 27
- June: DAC 2003, Anaheim: June 4
- July: Video Conferencing/face-to-face
- September: ITC 2003: Sept. 28
- November: Video Conferencing/face-to-face
7th IEEE TECS Workshop

- TECS to held as on-line workshop: Dec. 3-4, 2003
  - For wide access
- Embedded Core Test and SOC Test:
  - State-of-the-Art Practices, Research, Industrial Case Studies
- Paper submissions by: Sept. 2nd, 2003
- Sponsored by IEEE TTTC, In-Cooperation with VSIA
6. Patents

IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either

a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement the proposed IEEE standard against any person or entity using the patent(s) to comply with the standard or

b) A statement that a license will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination

This assurance shall apply, at a minimum, from the date of the standard’s approval to the date of the standard’s withdrawal and is irrevocable during that period.
Inappropriate Topics for IEEE WG Meetings

- Don’t discuss licensing terms or conditions
- Don’t discuss product pricing, territorial restrictions or market share
- Don’t discuss ongoing litigation or threatened litigation
- Don’t be silent if inappropriate topics are discussed… do formally object.

If you have questions, contact the IEEE Patent Committee Administrator at patcom@ieee.org or visit http://standards.ieee.org/board/pat/index.html

Slide #2 Approved by IEEE-SA Standards Board – March 2003