

IEEE 1149.4 Mixed-Signal Test Bus Working Group Meeting Minutes

for

February 2nd, 2009
8:00 – 9:25 AM Pacific Time

Meeting Agenda:

Time	Topic	Responsibility
8:00 – 9:25 AM	1. Review meeting minutes for December 5 th , 2008.	All
	2. Review the standard draft version 12	All
	3. Preparation for the Ballot.	All
	4. Other issues.	All
9:25 AM	Meeting adjourned	Bambang

Meeting Attendees:

Name	Company
Ken Parker	Agilent Technologies
Heiko Ehrenberg	Goepel Electronics LLC
Adam Ley	Asset-Intertech
Zafar Quadri	Flextronics
Adam Cron	Synopsys
Bambang Suparjo	Mentor Graphics

1. Review meeting minutes for December 5th, 2009.

- a. In the agenda section, the typo error “Adan” has been corrected to “Adam”.
- b. For minute 3a, the draft has been reviewed by MEC.
- c. For minute 3b, the updated draft will be uploaded on 2/6/2009 for the Ballot.
- d. For minute 3c, according to Ken the parser might be available at BSDL validation service site on 2/2/2009.
- e. For minute 3d, at this draft stage, MEC suggests to retain 2008 as the 1149.4 version. However, the group agreed to replace the version with 2009.

The meeting minutes for December 5th, 2009 have been approved with the correction in (a) above, suggested by Zafar and seconded by Ken.

2. Review the standard draft version 12.

The group reviewed the comments provided by MEC on January 5th, 2009. The detail changes are shown in the draft version 13.

2.1. Section I

- a. All actions in Section I have been resolved prior to this meeting. MEC has provided assistances in this section.
- b. A text has been added in the Introduction to mention Adam Osseiran was the previous group chair. (This is not listed in the action items provided by MEC).

2.2. Section II

- a. The word “avoid” has been replaced with “minimize”.
- b. The word “always” has been replaced with other word that suitable with the context.
- c. The usage of words “will”, “may” and “can” have been reviewed and changes were made where necessary.
- d. 3.1.25 has been reviewed but no change is needed.
- e. 3.1.10 has been updated based on the suggestion from MEC.
- f. In 3.1.26, “defined” has been replaced with “specified”.
- g. In 3.2, “(active low)” is added to support the usage of “*” for TRST*.
- h. Comment on “Normative and informative text” has been reviewed but update is not needed.
- i. Reference information on “The Boundary-Scan Handbook” has been updated. (This is not the action item from MEC).
- j. In clause 2, “Reference” has been replaced with “Normative Reference”. Additional text has been added by MEC.
- k. Adam Cron and Bambang will convert the diagram files into TIFF format.
- l. Equation numbering is not needed in the draft.

2.3 Section III

General information regarding the changes and updates made in the 1999 standard document will be provided in the cover letter to IEEE.

3. Preparation for the Ballot

Bambang will prepare the cover letter for the Ballot.

4. Other issues

None.

5. The meeting adjourned at 9:25 AM Pacific Time.