

IEEE 1149.4 Mixed-Signal Test Bus Working Group Meeting Minutes

for

October 13th, 2008
8:00 – 9:00 AM PDT

Meeting Agenda:

Time	Topic	Responsibility
8:00 – 9:00 AM	1. Review meeting minutes for October 3 rd , 2008	All
	2. Review standard draft - New rule, 10.4.4.5.2h and 10.4.4.5.2i. - Other updates	All
	3. Preparation for the meeting at ITC.	All
	4. Other issues.	All
9:00 AM	Meeting adjourned	Bambang

Meeting Attendees:

Name	Company
Adam Cron	Synopsys
Ken Parker	Agilent Technologies
Adam Ley	Asset-Intertech
Bambang Suparjo	Mentor Graphics

1. Review meeting minutes for October 3rd, 2008.

- a. In minute 3i, Bambang will communicate with Heiko regarding the BSDL parser progress.
- b. The meeting minutes for October 3rd, 2008 have been approved, suggested by Adam Cron and seconded by Ken.

2. Review Standard Draft

a. New rules, 10.4.4.5.2h and 10.4.4.5.2i

Two new rules have been proposed by Adam Ley to clarify differential digital port grouping; 10.4.4.5.2h and 10.4.4.5.2i.

i. Rule 10.4.4.5.2h

If an <MST twin group type> equals **DIFFERENTIAL_DIGITAL**, the value of each <twin group> element within all corresponding <MST twin group entry> elements **shall be** the value of <twin group> in the <grouped port identification>.

ii. Rule 10.4.4.5.2i

If an <MST twin group type> equals **DIFFERENTIAL_ANALOG**, the value of each <twin group> element within all corresponding <MST twin group entry> elements **shall not be** the value of <twin group> in the <grouped port identification>.

b. Other updates.

Adam Cron informed the group that there is no example of analog measurement with analog properties using BSDL in the draft.

- Ken mentioned that when BSDL was initially proposed, the group decided not to consider analog properties such as residual elements in BSDL development.
- Bambang said the current BSDL is able to provide control data for ABM switches to perform analog measurement. The instructions to apply and measure analog properties should be introduced in the testbench that to be generated based on the information in BSDL.
- Adam Ley added that using information in both BSDL and board level netlist, appropriate control data can be provided to ABM to perform analog measurement at the functional analog pins.

3. Preparation for the meeting at ITC

The meeting at ITC will be on October 30th, 3:30-6:00 PM and will focus on Ballot preparation. Bambang will not be able to attend the meeting at ITC. Heiko or Adam Cron will chair the meeting.

4. Other issues

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5. The meeting adjourned at 9:00 AM PDT