

# IEEE 1149.4 Mixed-Signal Test Bus Working Group Meeting Minutes

for  
March 22nd, 2006

8:00AM-9:00AM

## Meeting Agenda:

Time	Topic	Responsibility
8:00 AM	1. Review the Meeting Minutes on Feb. 22 <sup>nd</sup> , 2006.	Bambang Suparjo
8:15-9:00 AM	2. PAR application.  3. Discuss/update on the following action items: a. Resolve safe value issue. b. Revise Kitchen Sink example. c. Revise Straw Dog example. d. Revise syntax BNF. e. Explanation on why disable result for BIDIR shall be Z. f. Suggestion on new name for MST_ABM_Pins. g. Creating ABSDL file for STA400 chip.  4. Other issues.	All
9:00 AM	Meeting adjourned.	Bambang Suparjo

## Meeting Attendees:

Name	Company
Adam Cron	Synopsys
Adam Ley	Asset-Intertech
Keith Lofstrom	Keith Lofstrom Integrated Circuits
Heiko Ehrenberg	Goepel Electronics LLC
Bambang Suparjo	Mentor Graphics

### 1. Review the Meeting Minutes on Feb. 22<sup>nd</sup>, 2006.

#### 1.1 Meeting Minutes Approval

The meeting minutes on Feb. 22nd 2006 have been approved, suggested by Keith and seconded by Adam Ley.

## **1.2 Minute 1.4b item 4.**

The group accepted the suggestion from Adam Ley to change “pseudo BSDL” to “pseudo ABSDL”.

## **2. PAR Application**

Since new information needs to be included in the standard documentation, the group needs to apply for PAR (Project Authorization Request). It has been suggested that the project duration is 2 years. The scope of the project will be based on the present revision work. Bambang will prepare the initial draft of the application.

## **3. Discuss/update on the following action items:**

- a. Resolve safe value issue.**
- b. Revise Kitchen Sink example.**
- c. Revise Straw Dog example.**
- d. Revise syntax BNF.**
- e. Explanation on why disable result for BIDIR shall be Z.**
- f. Suggestion on new name for MST\_ABM\_Pins.**
- g. Creating ABSDL file for STA400 chip.**

Adam Ley will look into items a-d.

On item e, initially the group already agreed that the disable result for the BIDIR shall be Z, but during the group meeting at ITC last year Steve would like to know why the group suggested the setting. Based on the discussion, the only reason Z is suggested for the disable result is the value will not provide any negative impact on the device and the test data during test operation. However, Adam Ley will provide a description on conditions that disable result can be other than Z.

The group suggested to change MST\_ABM\_Pins to MST\_ABM. While discussing the issue, the group also suggested MST\_DIFF\_Pins should be changed to MST\_DIFF. The names can be reviewed again during the final revision stage.

Bambang will create ABSDL file for STA400 chip.

## **4. Other Issues**

- a. Adam Ley will send out the list of action items that missing in the meeting minutes.**

- b. Adam Ley requested an update from Keith on the linkage pin issues discussed in Feb. 22<sup>nd</sup> 2006 meeting. Keith mentioned the description on the internal cells' application still being reviewed by Ken and other people in board test.
  - c. Bambang informed the group that a paper regarding ABSDL has been submitted to ITC.
  - d. The next meeting will be on April 19, 2006.
5. The meeting adjourned at 9:00 AM.