

IEEE 1149.4 Mixed-Signal Test Bus Working Group Meeting Minutes

for

August 8th, 2008
9:00 – 10:00 AM PDT

Meeting Agenda:

Time	Topic	Responsibility
9:00 – 10:00 AM	1. Review meeting minutes for April 16 th , 2008	All
	2. Review standard draft	All
	3. Other issues.	All
10:00 AM	Meeting adjourned	Bambang

Meeting Attendees:

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

1. Review meeting minutes for April 16th, 2008.

The meeting minutes for April 16th, 2008 have been approved, suggested by Adam Cron and seconded by Heiko.

2. Review Standard Draft (version D8)

a. Clause 6

No.	Page	Clause	Issue	Action/Status
1	25	6.2.1.1	move to new line for rule l)	edited
2	26	6.2.2	paragraph 5 - should be "recommendation 6.2.1.2c" not 6.2.1.2a.	edited
3	33	6.5.1.1	in the note - should be "recommendation 6.2.1.2c" not 6.2.1.2a	edited
4	33	6.5.1.2	In Figure 15, missing A for AT1 and AT2	edited
5	34	6.5.1.2	Table 5 - font for D1n and D2n	edited

b. Clause 10

No.	Page	Clause	Issue	Action/Status
1	82	10.4.2	Define “constant MST_BC_4 : CELL_INFO;” after defining all MST attributes	Edited
2	84	10.4.3.2	“STD 1149 4 2008” has been listed twice	Edited
3	86	10.4.4.3.2	The TBIC base partition has two data cells that act as BIDIRs that allow the TBIC to drive/receive on AT1 and AT2. If there are other partitions beyond the base, then these contain data cells that are INTERNAL (see rules 10.4.4.3.2 i), j) and k). Rule k) says that exactly one partition can have its cells marked BIDIR. Is this how we identify the base partition?	Clarified: Refer the edited note in 10.4.4.3.2.
4	87	10.4.4.4	Parse ambiguity in ABM description – suggest: "W : BASE (3, 4, 5, 6) " "W(3) : BASE (3, 4, 5, 6) "	Syntax and example have been edited.
5	89	10.4.4.4.2q	Why rule m) is included in this list. Rule m) applies to MST ABM Data Cells (bidirs). If the rule is correct, then our example code is wrong in 4 places because cells 2, 6, 10 and 14 have safe bits of 'x'.	Clarified: Safe bits 0s follow the switching pattern p0. Safe bits changed to 0s in the examples.
6	89	10.4.4.4.2	Note (below 10.4.4.4.2q) on disable value	Clarified: related to item 5 above.
7	78	10.3.2	Figure 53 and Table 13	To be discussed in the next teleconference

On item 5, Bambang will check the safe bits in other relevant examples.

3. Other issues

- a. The next teleconference will be on August 11th, 2008 at 1 PM PDT.
- b. Bambang proposed the meeting at ITC; Oct. 30th, 2008, 3:30-6:00 PM.

4. The meeting adjourned at 10:00 AM PDT