

JEITA IBIS Promotion Working Group Report

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IBIS Promotion Working Group, EC Center / JEITA

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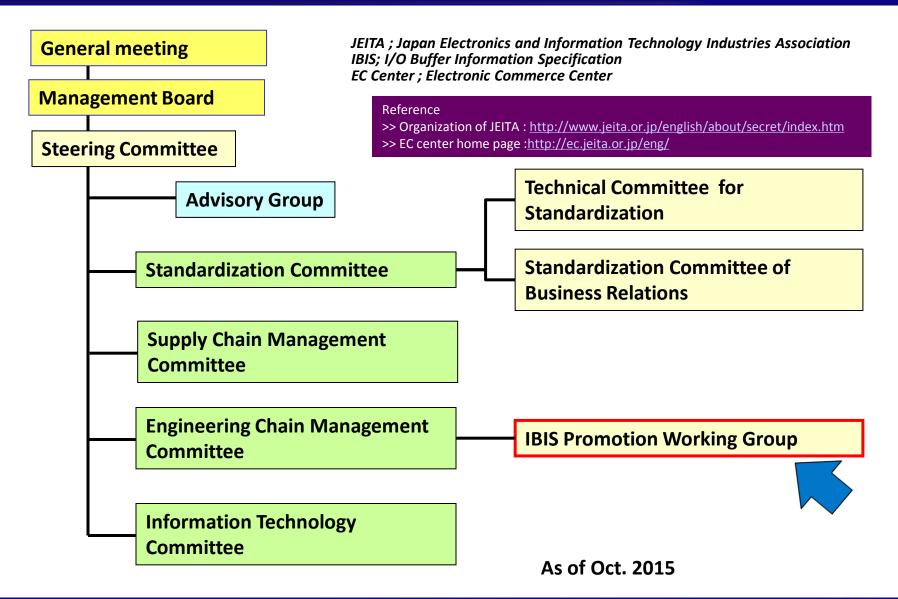
1. JEITA/EC Center Committee Organization

2. IBIS Promotion Working Group

- Objective
- Activity Status
- Action Plan



1. JEITA/EC Center Committee Organization



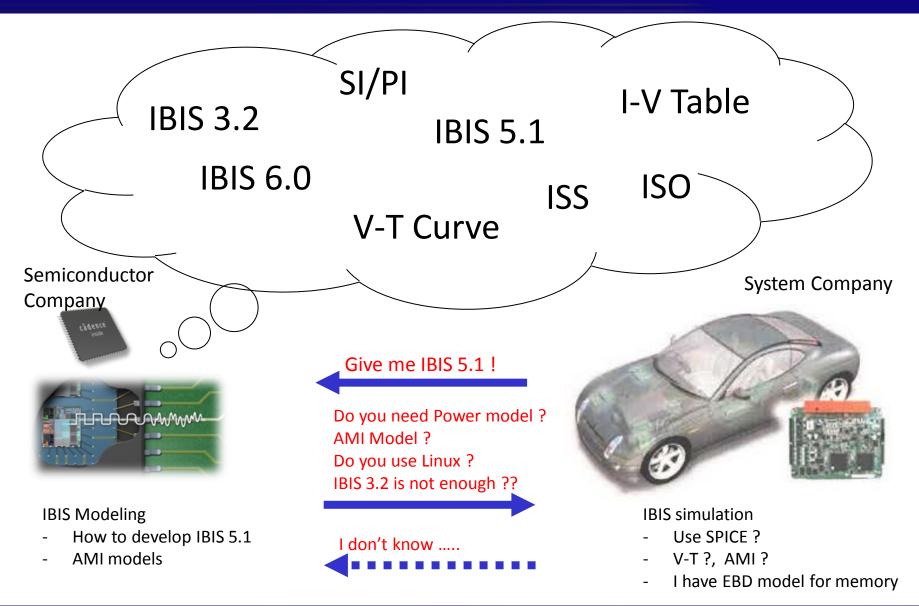


2. IBIS Promotion Working Group

- Objective
- Activity Status
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Objective: Let's Use IBIS Simulation





Activities status: outline

• Define IBIS simulation step guideline

- Simulation Guideline for target topologies
- IBIS promotion of utilization
 - Provide any IBIS related information
 - IBIS Keyword Summary
 - Advanced IBIS technology guidance
 - IBIS Seminar

• Asian IBIS Summit, Japan

- Support IBIS Open Forum for all logistics
- Maintain IBIS Quality WG results
 - IBIS Quality Framework Home Page
 - JEITA Book: "SI Simulation Model handbook"

Today's report

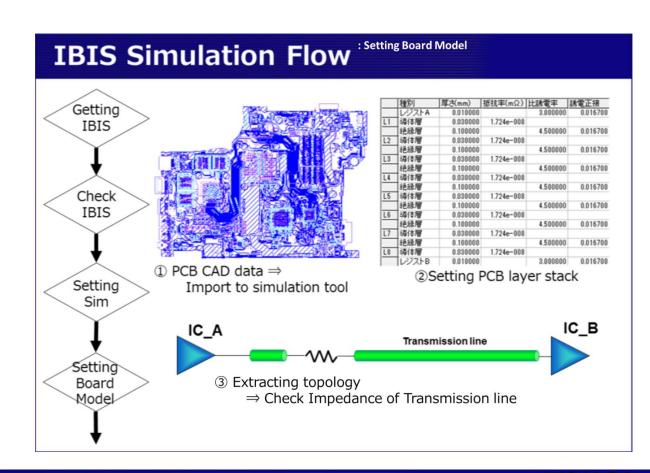


Activity 1: Define IBIS simulation step guideline

Define recommended IBIS simulation flow

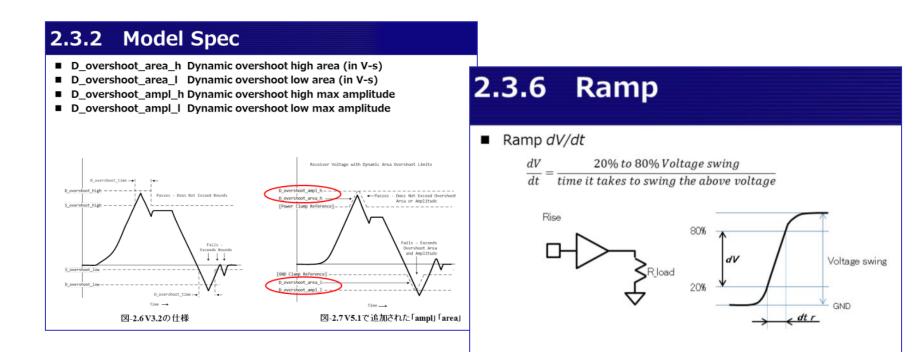
e.g.

- IBIS Check
- Sim setting
- Test sim
- FAQ



Activity 2: IBIS Keyword Summary

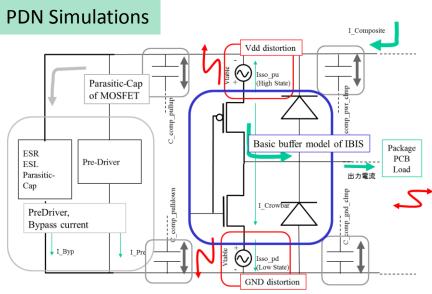
- Major 38 keyword summary
 - Frequently used keywords and parameters
- Keyword guideline for simulation purposes

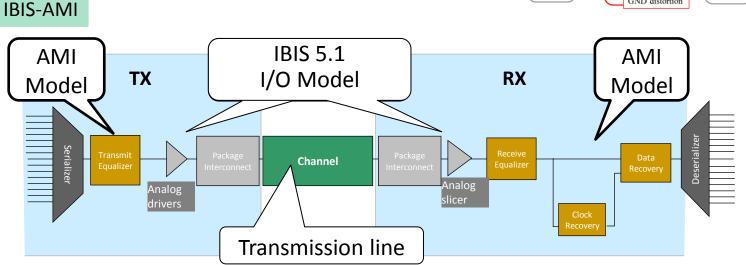




Activity 3: Advanced IBIS technology guidance

- Featured items
 - IBIS-AMI
 - IBIS Models for PDN
 - BIRDs since IBIS v6.0





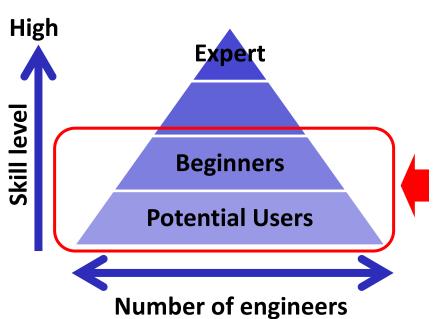


Activity 4: IBIS Seminar

• 1st IBIS free seminar on Nov. 16 2015

(In the morning of IBIS Summit day)

- 2-hour lecture using output of activities 1 \sim 3
- Attendees: 93 persons



Voice of Attendees

- The seminar was very valuable to learn about IBIS basic.
- I would like you to explain the difference of IBIS versions.

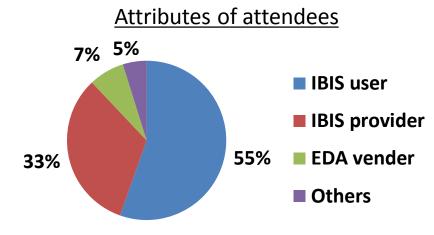
Target of the seminar

- Using IBIS model, but not familiar
- To use IBIS model soon



Activity 5: Asian IBIS Summit, Japan

- Asian IBIS Summit, Tokyo, Nov. 16, 2015
 - Attendees: 108 persons (64 companies)



Voice of Attendees

- IBIS Summit brought a lot of useful information about IBIS latest developments, IBIS-AMI and use cases.
- Expecting more information how to make and verify IBIS V5.0 or later. e.g. IBIS-AMI, Pre-driver, On-chip capacitor in PDN



Action Plan

- Enhance IBIS promotion materials
 - Define IBIS simulation step guideline
 - Add target topologies, e.g. DDR4 and High-speed SerDes
 - IBIS keyword summary
 - Increase descriptions of keywords for simulation purposes
 - Advanced IBIS technology guidance
 - Add description about Over clocking
- 2nd IBIS free seminar
 - We are planning 4-hour seminar, because there were many requests to lecture in more detail.

