

IEEE 1149.10 High Speed JTAG Working Group Minutes

Date – 03/14/2016

Attendees: CJ Clark, Adam Ley, Bill Tuthill, Bob Gottlieb, Brian Turmelle, Dharma Konda, Gobinathan Athimolom, Gurgun Harutyunyan, Heiko Ehrenburg, Jon Colburn, Josh Ferry, Marc Hutner, Mike Ricchetti, Steve Sunter, Tapan J Chakraborty,

Absent with Excuse: Craig Stephan,

Missing: Bill Huott, Carol Pyron, Jim Wilson, Kent Ng, Kevin Gorman, Tom Wayers, Dave Armstrong, Roger Sowada, Zahi Abuhanmdeh, Teresa McLaurin, Philippe Lebourg, John Braden, Saman Adham, Ismed Hartanto Frans de Jong, JF Cote, Dwayne Burek,

Agenda:

- 1) Patent Slides
- 2) MEC discussion
- 3) Ballot invitation discussion (30 days)
- 4) New business
- 5) Adjourn

Meeting Called to order at 11:05 am EST

Minutes:

Review Patent Slide – Slides Presented to the Group.

Solicited input from anybody who is aware of patents that might read on our standard.

No responses noted.

MEC Discussion

Submitted to MEC and was turned around quickly with a few comments.

No comments from group on MEC

Ballot Invitation.

Sent out. No Comments on invitation

Is open to anyone. IEEE feels it only goes to SA Members

Can sign up as IEEE – SA to ballot

No Mechanism for providing feedback outside of Balloting system for SA members.

SA member could collect feedback from colleagues and provide feedback.

No New Business

Motion to Adjourn – Brian

Seconded – Steve

Meeting adjourned: 11:29am EST

Next Meeting:

March 21st, 2016 11:00am

Motion Summary

0 motion made

Action Items

~~**Bill Tuthill—10-21-2013—Add minutes and Attendance spreadsheet to the website.**~~

~~**CJ—11-11-2013—Reach out to ATE industry and Probe Industry to get update on future of ATE equipment to see which data speeds and protocols they are heading towards.**~~

~~**Philippe—Look into alternative method to create control information (pause, start, terminate, etc.) rather than using K characters in packet.**~~

~~**Bob—create a case study to show use of Attributes**~~

~~**Frans—will start some block diagrams of a simple use case to help illustrate the current architecture**~~

~~**Dwayne—present to the group his ideas for a simplified scheme—Direct Interface.**~~

~~**Adam—invite someone from IEEE to speak on IEEE benefits of standardization at WG meeting**~~

Call for Essential Patent notes

Adam Ley 12/1/2014

PN, TTL, AN

7348796, METHOD AND SYSTEM FOR NETWORK-ON-CHIP AND OTHER INTEGRATED CIRCUIT ARCHITECTURES, DAFCA INC.

Steve Sunter 11/17/2014

1. US 7610532 "Serializer/de-serializer bus controller interface" Avago, granted 2009
2. US 7739567 "Utilizing serializer-deserializer transmit and receive pads for parallel scan test data" Avago, granted 2010
3. US 8543876 "Method and apparatus for serial scan test data delivery" Altera, granted 2014

NOTES:

1149.10 working group website - <http://grouper.ieee.org/groups/1149/10/>

Here is the WebEx conference link.

<https://meetings.webex.com/collabs/meetings/join?uuid=MAG12PB7HN5W24AM2EOKIOM9KS-KERT>

You can use VOIP on your computer or dial-in using the phone number below.

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Audio Connection

+1-415-655-0001

Access code: 194 196 960