

IEEE 1149.10 High Speed JTAG Working Group Minutes

Date – 04/04/2016

Attendees: CJ Clark, Adam Ley, Bill Tuthill, Bob Gottlieb, Brian Turmelle, Dharma Konda, Gobinathan Athimolom, Gurgun Harutyunyan, Heiko Ehrenburg, Ismed Hartanto, Josh Ferry, Mike Ricchetti, Tapan J Chakraborty,

Absent with Excuse: Craig Stephan, Jon Colburn, Marc Hutner

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, Frans de Jong, JF Cote, Dwayne Burek, Steve Sunter,

Agenda:

- 1) Patent Slides
- 2) Ballot Group Stats
- 3) Ballot formation closing soon.
- 4) Draft V89 discussion.
 - a. Is there a motion to go to ballot with Draft v89?
- 5) New business
- 6) Adjourn

Meeting Called to order at 11:05 am EDT

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.

Ballot Group Stats

Balloting closes 30 days from open.

12th of April 11:59pm EDT

Chair would like to see more working group members join Ballot Group

Ballot Formation Closing soon. – April 12th

Draft V89 discussion

Editor comfortable with what is there.

Josh is comfortable with what is there after his reviews

Bob is good with the draft going to Ballot

Chair asked for quorum check.

Quorum meet. >60%

Out of 14 voting members 11 were present at meeting.

Ismed did not meet eligibility requirements as of the WG meeting on 4/4/16

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Eligibility based on spreadsheet sent out prior to 4/4/16 WG Meeting

Motion – Josh makes motion to go to Ballot with draft v89.

Seconded – Bob

Discussion – No Discussion on Draft

Vote

Yes – 9

Bill T	Dharma K	Josh F
Bob G	Gobinatihan A	Mike R
Brian T	Gurgen H	Tapan C

No – 0

Abstain – 2

Adam L	Heiko E
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New Business –

Chair: Would like to taper down working group meetings during balloting process
Meet only when needed to review comments.

Motion to Adjourn – Josh

Seconded – Tapan

Meeting adjourned: 11:38am EDT

Next Meeting:

April 11th, 2016 11:00am

Motion Summary

1 motion made

Motion by Josh to go to Ballot with draft v89

9 Yes / 0 No / 2 Abstain

Motion passes

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.~~

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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.

Audio Connection

+1-415-655-0001

Access code: 194 196 960