

Date – 02/1/2016

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

Absent with Excuse:

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) Discussion: Need WG permission to get document into MEC
 - a. Motion: Editor to determine reasonable completed state to send draft for Mandatory Editorial Coordination.
- 3) Discussion: Need WG permission to begin ballot group formation (BG good for six months).
 - a. Motion: The chair start the process of ballot group formation.
- 4) iRaw packet discussion. Do we want to remove altogether, just remove the COUNT Field or leave as is?
 - a. Motion: Remove the count field such that all iRaw packet commands are persistent.
- 5) Step through changes in V84
- 6) New Business
- 7) 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.

IEEE 1149.10 High Speed JTAG Working Group Minutes

Need to get draft to MEC

Motion to do this would give us the editorial check on the draft and one step closer to going to ballot. Changes to the draft can still be made.

Brian motions for Editor to determine reasonable completed state to send the draft for Mandatory Editorial Coordination.

Seconded – Gobinatihan

Adam Ley makes friendly amendment to clarify intent of motion

Updated to Editor to send draft to MEC at Editor's discretion.

Brian accepted friendly amendment from Adam

Gobi also accepted Adam's friendly amendment.

Discussion

Any downside? – if you do MEC too early on and have many changes, you will have to do MEC a second time. No process for that. Downside of appearing making a feverous submission.

Roughly 2 to 3 weeks away from being able to send Draft to MEC.

Motion passes

Yes -11

Bill T.	Craig S.	Gurgen H.	Steve S.
Brian T	Dharma K.	Jon C.	Tapan C.
Bob G.	Gobinatihan A.	Mike R	

No – 0

Abstain – 2

Adam L Heiko E

Begin Ballot group formation

Notice goes out to IEEE-SA members and informed to ballot group formation.

Have 6 months before having to rebuild ballot group.

Cost for IEEE-SA can be found on IEEE Website

Brian motions for chair to start process for ballot group

Seconded by Bill.

Motion passes

Yes – 10

Bill T.	Craig S.	Gurgen H.	Tapan C.
Brian T	Dharma K.	Jon C.	
Bob G.	Gobinatihan A.	Mike R	

No – 0

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Abstain – 2

Steve S Heiko E

*Adam Ley lost audio and was unable to cast vote.

IRAW packet discussion

Do we want to remove packet altogether, just remove the count field, or leave as is??

Craig Motions to remove count field such that all iRaw packet commands are persistent

Seconded Steve

Discussion

Count Field is on 4Byte boundary so it can be removed cleanly.

Motion passes

Yes – 11

Bill T.	Craig S.	Gurgen H.	Steve S.
Brian T	Dharma K.	Jon C.	Tapan C.
Bob G.	Gobinatihan A.	Mike R	

No – 0

Abstain – 1

Heiko E

*Adam Ley lost audio and was unable to cast vote.

Review of Draft V84

Brief discussion of changes made to latest draft version.

Motion to Adjourn – Steve

Seconded – Brian

Meeting adjourned: 11:58am EST

Next Meeting:

February 8th, 2016 11:00am

Motion Summary

0 motion made

Action Items

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

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~~*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.

Audio Connection

+1-415-655-0001

Access code: 194 196 960