

Tally of Votes



Committee Letter Ballot

JC-45.4-09-321

2192.44



Tally Date: Wed, December 09, 2009 at 16:40:13

(US Eastern Time)

Ballot distributed: 16 Nov 2009

Expiration date: 07 Dec 2009

Sponsor: Avant Technology L.P. Mr. Paul Goodwin Email: paul_goodwin@avanttechnology.com Phone: 512-719-6303

Subject: DDR3 LRDIMM Design Specification Body

Attachment: [HB09321-.pdf](#)

PATENTS: No known patent issues on the sponsor's part

Summary:

17 Yes

5 Abstention

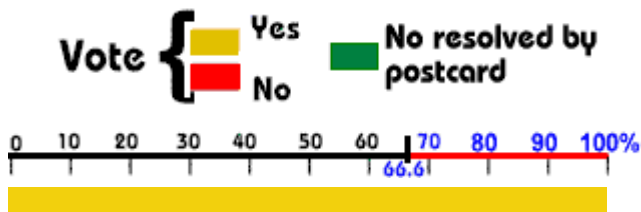
22 companies voted (including abstention)

Non voting companies are not tallied,
and are not considered to abstain.

Attention: Percentages are rounded.

Abstentions are excluded from percentage calculation.

Only Yes votes (ballot may pass by acclamation)



Company / voter	Y*	N*	A*	P*	C*	PC*	DoV*	DoR*
22 companies voted	17	0	5	1	6Y		22	
Advanced Micro Devices Inc. Patel	<u>Y</u>				<u>X</u>	N/A	12/03/09	
Buffalo Inc. Tsukada	Y						11/17/09	
Cray Inc. Grossmeier	Y						11/16/09	
Elpida Memory Incorporated Ono	<u>Y</u>				<u>X</u>	N/A	11/26/09	
FormFactor Inc. Gervasi	<u>Y</u>				<u>X</u>	N/A	12/02/09	
Hynix Semiconductor □im	Y						12/02/09	
I-O Data Device Inc. Miyagoshi			A				12/01/09	
IBM Corporation □ilmer	Y						11/25/09	
Inphi Corporation Washkewicz	<u>Y</u>				<u>X</u>	N/A	12/02/09	
Inphi Corporation Raghavan	Y						12/02/09	

Integrated Device Technology Inc. Franklin	Y						12/02/09	
Intel Corporation Mrdjan	Y						11/30/09	
Kingston Technology Company Inc. Cheng	Y						11/23/09	
Legacy Electronics Inc. Mecker			A				12/01/09	
Micron Technology Inc. Graham	Y						11/30/09	
Nanya Technology Corporation Linder	Y				X	N/A	12/02/09	
Netlist Inc. Martinez			A	P			12/01/09	
Nvidia Corporation Wagner			A				12/01/09	
PNY Technologies Inc. Socci	Y						12/02/09	
Samsung Semiconductor Park	Y				X	N/A	12/02/09	
Sun Microsystems Inc. Jeffrey	Y						12/01/09	
Tyco Electronics Corporation Leidy			A				11/19/09	
* Y ☐ Yes, N ☐ No, A ☐ Abstain, P ☐ Patent(s), C ☐ Comments PC: Postcard, Y ☐ approved response, N ☐ did not approve response, N/A: not available, sponsor and / or voter did not respond, DoV: Date of Vote								

Advanced Micro Devices Inc. represented by Sam Patel, email: sam.patel@amd.com voted "**Approve content with comments**" on 12/03/09

Comments: Would like to see CS, C_E and ODT routing for all configuration documented in this body of the lrdimm spec.

[Respond to original comments](#) Sponsor, please submit your response to voter.

[\[Top\]](#) [\[Summary table\]](#)

Elpida Memory Incorporated represented by Takao Ono, email: t.ono.gz@elpida.com voted "**Approve content with comments**" on 11/26/09

Comments: page 26-27, How should the QAECC2,6,9 be treated ☐ Changing to NC or RFU ☐
 page 35 AVCC should be changed to AVDD,
 page 36 one of QVREFDQ should be changed to QVREFCA

[Respond to original comments](#) Sponsor, please submit your response to voter.

[\[Top\]](#) [\[Summary table\]](#)

FormFactor Inc. represented by Bill Gervasi, email: bilge@discobolusdesigns.com voted "**Approve content with comments**" on 12/02/09

Comments: pg 1: andd should be and

pg 1: configureable should be configurable

[Respond to original comments](#) Sponsor, please submit your response to voter.

[\[Top\]](#) [Summary table](#)

Inphi Corporation represented by Paul Washkewicz, email: pwashkewicz@inphi-corp.com voted "**Approve content with comments**" on 12/02/09

Comments: Inphi approves material in red text.

[Respond to original comments](#) Sponsor, please submit your response to voter.

[\[Top\]](#) [Summary table](#)

Nanya Technology Corporation represented by Peter Linder, email: jedec@tx.nanya.com voted "**Approve content with comments**" on 12/02/09

Comments: Suggest to change Raw-Card-C to 11x12mm dram pkg to match the other raw cards as discussed in TG

[Respond to original comments](#) Sponsor, please submit your response to voter.

[\[Top\]](#) [Summary table](#)

Netlist Inc. represented by Mario Martinez, email: mmartinez@netlist.com voted "**Abstain from voting**" on 12/01/09

Comments:

[Respond to original comments](#) Sponsor, please submit your response to voter.

PATENT ISSUE:
Netlist may have IP that applies to this ballot

[\[Top\]](#) [Summary table](#)

Samsung Semiconductor represented by Sung Joo Park, email: sjoo@sec.samsung.com voted "**Approve content with comments**" on 12/02/09

Comments: Table of contents should be updated. And Max DRAM size of the Raw Card C (on page13) is 11.0 x 12.0.

[Respond to original comments](#) Sponsor, please submit your response to voter.

[\[Top\]](#) [\[Summary table\]](#)

End of Web Report

EXTRA OPTIONS:



Text file ready to import
in a spreadsheet



email tally to voting committee



Add vote, on your honor

PLEASE BE VERY PATIENT. Processing any of above query takes well over one minute.



Return to the main voting page