

Procedural Review Voting Sheet 2012 Cycle 7

REGION: **Japan**
 COMMITTEE: **Silicon Wafer**
 EVENT: **SEMICON Japan 2012**
 DATE OF MEETING: **Dec. 6, 2012**
 PLACE OF MEETING: **Makuhari Messe, Chiba, Japan**
 COMMITTEE CO-CHAIRS: **Naoyuki Kawai/The University of Tokyo, Tetsuya Nakai/SUMCO**
 SEMI STAFF: **Hirofumi Kanno**

A&R Voter: **Name/Company**
 Date: **200X/MM/DD**

I. Document Number & Title

Document 5424A	Document Title Line Items Revision to SEMI M62-0912, Specifications for Silicon Epitaxial Wafers
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II-1 Line item 1

Line Item 1	Line Item Title Revision of Tables R2-7 & R2-8 - Change ¶3-1.7
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1. Tally (**Staff to fill in**)

Voting Tally: As-cast tally after the close of the voting period

A minimum of 60% of the voting interests that have voting members within the technical committee must return votes. (Regulations ¶ 9.6.1)

	Return		Distribution		Return Rate	
Yellow	59	÷	94	=	62.8%	>=60%
Lilac & Others	4					
Total Vote	63					
Reject	0					
Accept	15					

A&R	Not approved
	Reason:

2. Rejects

None

3. Comments

None

4. Summary of Editorial Changes

None

5. Approval Conditions Check

APPROVAL CONDITION 1: All negatives have been discussed and were withdrawn, found not related, or not persuasive. (Regulations ¶ 9.6.2)

APPROVAL CONDITION 2: At least 90% of the sum of the valid accept and reject votes must be accept. (Regulations ¶ 9.6.3)

Note: if both approval conditions are not satisfied, the balloted item fails.

	Accepts		(Accepts + Valid)		=		>=90%
Approval Rate	=	15	/	15	=	100.0%	

6. Preliminary action for this line item

Motion	<input checked="" type="checkbox"/>	This line item passed committee review as balloted.
	<input type="checkbox"/>	This line item passed committee review with editorial changes
	<input type="checkbox"/>	This line item failed committee review and will be returned to the task force for rework.
	<input type="checkbox"/>	This line item failed committee review and work will be discontinued.
Motion by/ 2nd by	Friedrich Passek (Siltronic) / Mike Goldstein (Intel)	
Discussion	None	
Vote	10-0	
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed
A&R	<input type="checkbox"/>	Approved
	<input type="checkbox"/>	Not approved
	Reason:	

II-2 Line item 2

Line Item 2	Line Item Title Revision of Tables R2-7 & R2-8 - Change ¶3-2.7 and explanation #9
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1. Initial Tally

	Return	Distribution	Return Rate
Yellow	59	÷ 94	= 62.8% >=60%
Lilac & Others	4		

Total Vote	63		
Reject	2		
Accept	15		

2. Rejects

Reject 1 (Takao Takenaka / Takenaka Consult)

Negative 1 of Reject 1

Negative	Referenced Section	*TF/Committee to fill in if necessary At 3-2.7 in Table R2-8 (22nm)	
	Reason	*Original negative comment and as well as justification should be included. At 3-2.7 in Table R2-8 (22nm), a nanotopography value of 5nm(2mmx2mm) is not correct. According to ITRS information(#9), the nanotopography value should be 6nm(2mmx2mm).	
Withdrawal	<input checked="" type="checkbox"/>	No withdrawal made	GO TO "Related" section
	<input type="checkbox"/>	Withdrawal document received by staff on XXXX	GO TO "Final" → (A)
Related	Motion and Reason	<input checked="" type="checkbox"/>	"Related" is mutually agreed upon.
		<input checked="" type="checkbox"/>	*This motion can be appended to the motion for Persuasive (See Persuasive Section)
		<input type="checkbox"/>	Negative is related (needs over 1/3 votes to pass)
		<input type="checkbox"/>	Negative is not related (needs 2/3 or more votes to pass)
	Reason	XXXX	
	Motion by/2nd by	Name (Company)/Name (Company)	
Discussion			
Result of Vote (check ONE)	XX-XX		
	<input type="checkbox"/>	[Negative is related] > 1/3	GO TO "Persuasive"
	<input type="checkbox"/>	[Negative is not related] < 2/3	
	<input type="checkbox"/>	2/3=< [Negative is not related] <90%	GO TO "Final" → (B)
<input type="checkbox"/>	90% =< [Negative is not related]	GO TO "Not Significant Finding Option"	
Persuasive	Motion and Reason	<input checked="" type="checkbox"/>	Negative is related and persuasive (needs over 1/3 votes to pass)
		<input type="checkbox"/>	Negative is related and not persuasive (needs 2/3 or more votes to pass)
Reason	XXXX		

	Motion by/2nd by	Friedrich Passek (Siltronic) / Takao Takenaka (Takenaka Consultant)		
	Discussion	None		
	Result of Vote (check ONE)	10-0		
		X	[Negative is related and persuasive] > 1/3	GO TO "Final" → (E)
			[Negative is related and not persuasive] < 2/3	
			2/3=<[Negative is related and not persuasive] <90%	GO TO "Final" → (C)
		90% =< [Negative is related and not persuasive]	GO TO "Not Significant Finding Option"	
Not Significant Finding Option	This option can only be used in either case of "if the committee finds a negative not related by a vote equal to or greater than 90% of the persons voting on the action" or "if the committee finds a negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action". (Regulations ¶ 9.5.3.1.4, 9.5.3.3.2)			
			It is mutually agreed upon to term the negative "not significant"	GO TO → (D)
			It is mutually agreed upon to term the negative "significant"	GO TO → (B) OR (C)
	Motion		The negative is "not significant".	
	Motion by/2nd by	Name (Company)/Name (Company)		
	Vote		XX-XX Motion passed with simple majority	GO TO → (D)
		XX-XX Motion failed with simple majority	GO TO → (B) OR (C)	
Final	Negative is:			
		(A)	withdrawn (counted under h in disposition)	
		(B)	not related (significant) (counted under i in disposition)	
		(C)	related and not persuasive (significant)	
		(D)	not significant (counted under j in disposition)	
	X	(E)	related and persuasive	DOCUMENT FAILS
	Comment generated. See comment #x			
A&R		Not approved		
	Reason:			

Disposition of Reject 1

	Original number of Negatives	(g)
	# of Negatives withdrawn	(h)
	# of Negatives found not related	(i)
	# of Negatives found not significant	(j)
Final	$g-(h+i+j)=0$	<input type="checkbox"/> Reject is Not Valid and is not included in the denominator of V. Approval Conditions Check

	$g-(h+i+j)>0$	<input type="checkbox"/> Reject is included in the denominator of <u>V. Approval Conditions Check</u>
	Reject without a Negative	<input type="checkbox"/> Not Valid

Note: If all of the negative material included with a reject vote is withdrawn, determined to be not related, or determined to be not significant, the reject vote is not valid. (Regulations ¶ 9.4.3.3)

A&R	Not approved
	Reason:

Reject 2 (Tetsuya Nakai / SUMCO)

Negative 1 of Reject 2

Negative	Referenced Section	*TF/Committee to fill in if necessary In Table R2-8, 3-2.7	
	Reason	*Original negative comment and as well as justification should be included. In Table R2-8, 3-2.7, Nanotopography should be change from ≤ 5 nm (2 mm x 2mm) to ≤ 6 nm (2 mm x 2mm).	
Withdrawal		No withdrawal made	GO TO "Related" section
		Withdrawal document received by staff on XXXX	GO TO "Final" → (A)
Related	Motion and Reason	"Related" is mutually agreed upon.	
		*This motion can be appended to the motion for Persuasive (See Persuasive Section)	
		Negative is related (needs over 1/3 votes to pass)	
		Negative is not related (needs 2/3 or more votes to pass)	
	Reason	XXXX	
	Motion by/2nd by	Name (Company)/Name (Company)	
Discussion			
Result of Vote (check ONE)	XX-XX		
	<input type="checkbox"/> [Negative is related] > 1/3	GO TO "Persuasive"	
	<input type="checkbox"/> [Negative is not related] < 2/3	GO TO "Final" → (B)	
	<input type="checkbox"/> 2/3= \leq [Negative is not related] <90%	GO TO "Not Significant Finding Option"	
	<input type="checkbox"/> 90% = \leq [Negative is not related]		
Persuasive	Motion and Reason	Negative is related and persuasive (needs over 1/3 votes to pass)	
		Negative is related and not persuasive (needs 2/3 or more votes to pass)	
		Reason	XXXX
	Motion by/2nd by	Name (Company)/Name (Company)	
	Discussion		
Result of Vote	XX-XX		

(check ONE)		[Negative is related and persuasive] > 1/3	GO TO “Final” → (E)
		[Negative is related and not persuasive] < 2/3	
		2/3=<[Negative is related and not persuasive] <90%	GO TO “Final” → (C)
		90% =< [Negative is related and not persuasive]	GO TO “Not Significant Finding Option”
Not Significant Finding Option	This option can only be used in either case of “if the committee finds a negative not related by a vote equal to or greater than 90% of the persons voting on the action” or “if the committee finds a negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action”. (Regulations ¶ 9.5.3.1.4, 9.5.3.3.2)		
		It is mutually agreed upon to term the negative “not significant”	GO TO → (D)
		It is mutually agreed upon to term the negative “significant”	GO TO → (B) OR (C)
	Motion	The negative is “not significant”.	
	Motion by/2nd by	Name (Company)/Name (Company)	
	Vote		XX-XX Motion passed with simple majority
		XX-XX Motion failed with simple majority	GO TO → (B) OR (C)
Final	Negative is:		
	(A)	withdrawn (counted under h in disposition)	
	(B)	not related (significant) (counted under i in disposition)	
	(C)	related and not persuasive (significant)	
	(D)	not significant (counted under j in disposition)	
	(E)	related and persuasive	DOCUMENT FAILS
	Comment generated. See comment #x		
A&R	Not approved	Reason:	

Disposition of Reject 2

	Original number of Negatives	(g)
	# of Negatives withdrawn	(h)
	# of Negatives found not related	(i)
	# of Negatives found not significant	(j)
Final	$g-(h+i+j)=0$	<input type="checkbox"/> Reject is Not Valid and is not included in the denominator of <u>V. Approval Conditions Check</u>
	$g-(h+i+j)>0$	<input type="checkbox"/> Reject is included in the denominator of <u>V. Approval Conditions Check</u>
	Reject without a Negative	<input type="checkbox"/> Not Valid

Note: If all of the negative material included with a reject vote is withdrawn, determined to be not related, or determined to be not significant, the reject vote is not valid. (Regulations ¶ 9.4.3.3)

A&R	Not approved
	Reason:

3 Comments

Comment 1(Accept with Comment)

Comment	Referenced Section	*TF/Committee to fill in if necessary	
	From	Murray Bullis (Materials and Metrology)	
	Comment	5424A LI 2: In ¶3-2.7 of Table R2-7, there should be no space between ≤ and 8 but there should be a space between 2 and mm (twice).	
	Discussion	Line Item 2 is going to be failed. This will be a new business for future revision work.	
Action proposed		The committee agreed to do one of the following actions.	
		*No motion is required in this step.	
		No further action was taken by the committee.	
		Refer to the task force for more consideration.	
		New Business	
		Other	
	Editorial Change		
		Case 1: No vote in this section :	
			To be included and voted on in <u>4. Summary of Editorial Changes.</u>
		Case 2: Voted in this section :	
			Original section number and at least one full sentence are required in “FROM” and “TO” fields.
	1	FROM: Section xxx	
	To: Section xxx		
	Justification (If necessary)		
2	FROM: Section xxx		
	To: Section xxx		

		Justification (If necessary)
Motion by/2nd	Name (Company)/Name (Company)	
Vote	XX-XX Motion passed (or failed)	
A&R	<input type="checkbox"/>	Not approved
	Reason:	

4. Summary of Editorial Changes

5. Approval Conditions Check

6. Preliminary action for this line item

Motion	<input type="checkbox"/>	This line item passed committee review as balloted.	
	<input type="checkbox"/>	This line item passed committee review with editorial changes	
	<input checked="" type="checkbox"/>	This line item failed committee review and will be returned to the task force for rework.	
	<input type="checkbox"/>	This line item failed committee review and work will be discontinued.	
Motion by/ 2nd by	Friedrich Passek (Siltronic) / Takao Takenaka (Takenaka Consultant)		
Discussion	None		
Vote	10-1		
Final Action	<input checked="" type="checkbox"/>	Motion passed	
	<input type="checkbox"/>	Motion failed	
A&R	<input type="checkbox"/>	Approved	
	<input type="checkbox"/>	Not approved	
	Reason:		

III. Safety Check

This section applies to the entire document.

See Section 14 of the Regulations for further information

Motion:	<input checked="" type="checkbox"/>	This is not a Safety Document: when all safety-related information is removed, the document is still technically sound and complete.	
	<input type="checkbox"/>	This is a Safety Document: when all safety-related information is removed, the document is not technically sound and complete.	
	<input type="checkbox"/>	Safety Checklist is complete and has been included with the document throughout the balloting process. (Regulations ¶ 14.3)	
Motion by/ 2nd by	Friedrich Passek (Siltronic) / Takao Takenaka (Takenaka Consultant)		
Discussion	None		
Vote	10-0 Motion passed		
A&R	<input type="checkbox"/>	Not approved	
	Reason:		

IV. Intellectual Property Check

Note: This ballot may be all or part of a Standard or Safety Guideline. This IP check applies to the entire Standard or Safety Guideline. See § 15 of the Regulations for further information

<input checked="" type="checkbox"/>	The meeting chair asked those present in person or by electronic link, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline.
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X	No potentially material patented technology or copyrighted items are known		GO TO SECTION V
	Potentially material patented technology or copyrighted items are known but a Letter of Assurance (LOA) or copyright release for such material has been obtained or presented to the committee.		GO TO SECTION V
	Potentially material patented technology or copyrighted items are known but an LOA or copyright release for some of the material(s) has NOT been obtained or presented to the committee		
	MOTION	Ask ISC for special permission to publish	
		Quit activity	
		Wait for LOA for patented technology or release of copyrighted items.	
	Motion by/2nd by		Name (Company)/Name (Company)
	Discussion		XXXX
	Vote		XX-XX
	Final Action		Motion Passed
Motion Failed			
A&R	<input type="checkbox"/>	Not approved	
	<input type="checkbox"/>	Reason:	

* Note: Such potentially material patented technology or copyrighted items might have become known since the Standard or Safety Guideline was last reviewed, or might become relevant due to this ballot.

V. Action for this document

Motion (Check all applicable items)	<input checked="" type="checkbox"/>	Line item 1, passed committee review as balloted and will be forwarded to the A&R for procedural review.	
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] passed committee review with editorial changes and will be forwarded to the A&R for procedural review.	
	<input checked="" type="checkbox"/>	Line item 2 failed committee review and will be returned to the task force for rework.	
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed committee review and work will be discontinued.	
Motion by/ 2nd by		Friedrich Passek (Siltronic) / Takao Takenaka (Takenaka Consultant)	
Discussion		None	
Vote		10-0	
Final Action		<input checked="" type="checkbox"/> Motion passed	
		<input type="checkbox"/> Motion failed	
A&R	<input type="checkbox"/>	Approved	
	<input type="checkbox"/>	Not approved	
	<input type="checkbox"/>	Reason:	