

Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: **North America**

Global Technical Committee: **MEMS/NEMS**

TC Chapter Cochairs: **Steve Martell/Nordson SONOSCAN, Michelle Bourke (Lam Research)**

Standards Staff: **Laura Nguyen**

| | | |
|---|--|----------------------------------|
| | Scheduled in Background Statement | Actual |
| Date | 11/04/2019 | 11/04/2019 |
| Location | SEMI HQ, Milpitas, CA/USA | SEMI HQ, Milpitas, CA/USA |
| Reason for Change of Date and/or Location (if changed) | | |

Note: See *Regulations* ¶ 9.5 Exceptions for allowable reason to change.

I. Document Number and Title

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|---------------------------------------|--|
| Document Number 6018 | Document Title New Standard: Specification for Silicon Substrates used in Fabrication of MEMS Devices |
|---------------------------------------|--|

II. Tally

Standards staff to fill in.

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

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.6.2.1.1)

Voting Tally (with example values):

| Voting Interest: | Returned Votes | | Distribution | | Return Rate | |
|---------------------------|----------------|---|---------------------------|---|-------------|------|
| Letter Ballot | 40 | ÷ | 66 | = | 60.6% | ≥60% |
| Intercommittee Ballot | 30 | | | | | |
| Voting Interest Reject(s) | 0 | | Total Voters with Rejects | | 0 | |
| Voting Interest Accept(s) | 36 | | | | | |

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

III. Rejects

None

IV. Other Technical Issues

None

V. Comments

None

VI. Editorial Changes Other than Those Voted on in § V

None

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations ¶ 9.6.2.1.2*)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations ¶ 9.6.2.1.3*)

Note: If both approval conditions are not satisfied, the Document fails.

| | | | | | | | | | |
|---------------|---|---------|---|------------------------------|---|--------|--|------|--|
| | | | | | | | | | |
| | | Accepts | | (Accepts + Valid Rejects) | | | | | |
| Approval Rate | = | 36 | / | 36 | = | 100.0% | | ≥90% | |
| | | | | | | | | | |
| | | | | | | | | | |

VII. – (ii) Approval Level (check one)

Note: See *Regulations § 9.6.2* for further information.

Globally Approved (No Ratification Ballot needed):

The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

The Letter Ballot meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

VIII. Safety Check

Note: See *Regulations § 15* for further information.

| | | | |
|------------------------------|----------|--|--|
| Motion | X | This is not a Safety Document , when all safety-related information is removed, the Document is still technically sound and complete. (<i>Regulations ¶¶ 8.7.1</i>) | |
| | | This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations ¶¶ 8.7.2</i>) | |
| | | Safety Checklist (<i>Regulations ¶¶ 15.3</i>) is complete and has been included with the Document throughout the balloting process. (<i>Regulations ¶¶ 15.1.2</i>) | |
| Motion by/2 nd by | | Steve Martell (Nordson SONOSCAN) / Bevan Wu (BW & Associates) | |
| Discussion | | None. | |
| Vote | | 2 Y 0 N; Motion passed. | |

IX. Intellectual Property (IP) Check

Note: This Letter Ballot may cover all or part of a Standard or Safety Guideline. Regardless of the coverage, this IP check applies to the entire Standard or Safety Guideline*. See *Regulations § 16* for further information.

| | | | | | |
|----------|---|---|--|--|--|
| X | The TC Chapter meeting chair asked those participating, if they were aware of any patented technology that might be relevant (see <i>Regulations ¶¶ 16.3.1.1</i>) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see <i>Regulations ¶¶ 16.4.1.2</i>) in the Standard or Safety Guideline. (Also see, <i>Regulations § 8.8</i>) | | | | |
| | X | The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.) | GO TO SECTION X. | | |
| | | The question is answered in affirmative | Is any of the known IPs a patented technology? | Yes, at least one of them is a patented technology | GO TO IX (a) "Patented Technology" subsection |
| | | | | No | GO TO IX (b) "Copyright items" subsection |

X. Action for This Document

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|-------------------------------|----------|---|---------------|
| Motion | X | This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review. | |
| Motion by/ 2 nd by | | Bevan Wu (B&W Associates) / Steve Martell (Nordson SONOSCAN) | |
| Discussion | | None. | |
| Vote | | 2 Y 0 N | |
| Final Action | | X | Motion passed |
| | | | Motion failed |

Note: If the use of PMPT or copyrighted item is justified by the TC Chapter, LOA or release form must be received before publication can proceed.