### Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: Japan

**Global Technical Committee: Assembly & Packaging** 

TC Chapter Cochairs: Kazunori Kato/AiT, Masahiro Tsuriya/iNEMI

Standards staff: Chie Yanagisawa

|          | Scheduled in Background Statement | Actual            |
|----------|-----------------------------------|-------------------|
| Date     | 07/24/2017                        | 07/24/2017        |
| Location | SEMI Japan office                 | SEMI Japan office |

## I. Document Number and Title

| <b>Document Number</b> | Document Title                                   |
|------------------------|--|
| 6157                   | Reapproval of SEMI G23-0996 (Reapproved 0811):   |
|                        | Test Method of Inductance for Internal Traces of |
|                        | Semiconductor Packages                           |

# II. Tally (Standards staff to fill in)

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

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* ¶ 9.7.1.1)

#### Voting Tally (with example values):

| Voting Interest:          | Returned Votes |   | Distribution |       | Return Rate     |       |
|---------------------------|----------------|---|--------------|-------|-----------------|-------|
| Letter Ballot             | 43             | ÷ | 68           | =     | 63.2%           | >=60% |
| Intercommittee Ballot     | 33             | ] |              |       |                 |       |
| Voting Interest Reject(s) | 0              |   | Total        | l Vot | er with Rejects | 0     |
| Voting Interest Accept(s) | 30             |   |              |       |                 |       |
|                           |                |   |              |       |                 |       |

# III. Rejects

There is no reject vote on Ballot #6157.

#### IV. Other Technical Issues

There is no Other Technical Issue on Ballot #6157.

#### V. Comments

There is no comment on Ballot #6157.

#### V-(ii) Comments Created by handling Negative

There is no comment Created by handling Negative on Ballot #6157.

# VI. Editorial Changes other than those dealt with in Section V.

There is no Editorial Changes other than those dealt with in Section V on Ballot #6157.

# 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* ¶ 9.7.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.7.1.3)

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

|               |   | Accepts |   | (Accepts + Valid Rejects) |   |        |       |
|---------------|---|---------|---|---------------------------|---|--------|-------|
| Approval Rate | = | 30      | 1 | 30                        | = | 100.0% | >=90% |
|               |   |         |   |                           |   |        |       |

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

See § 9.7.2 of the Regulations for further information

| X | The Letter Ballot meets the Letter Ballot Approval Conditions for the      |
|---|--|
|   | global technical committee   |
|   | The Letter Ballot the Letter Ballot Approval Conditions for the TC Chapter |
|   | and a Ratification Ballot will be issued to verify Technical Changes       |

VIII. Safety Check
See § 15 of the *Regulations* for further information.

| ~       | X                | Th<br>is | <b>This is not a Safety Document</b> , when all safety-related information is removed, the Document is still technically sound and complete. ( $Regulations \ \P \ 8.7.1$ ) |   |  |  |  |  |  |  |  |  |  |
|---------|------------------|----------|---|---|--|--|--|--|--|--|--|--|--|
| Motion: |                  |          |   | <b>ety Document</b> , when all safety-related information is removed, the Document is sound and complete. ( <i>Regulations</i> ¶ 8.7.2) |  |  |  |  |  |  |  |  |  |
|         |                  |          | Safety Checklist ( <i>Regulations</i> ¶ 15.3) is complete and has been included with the Document throughout the balloting process. ( <i>Regulations</i> ¶¶ 15.1.2)         |   |  |  |  |  |  |  |  |  |  |
| Ν       | Motion by/2nd by |          |   | Kazunori Kato (AiT) / Hideki Suzuki (Shin-Etsu Polymer)   |  |  |  |  |  |  |  |  |  |
|         | D                | iscu     | ıssion  | None  |  |  |  |  |  |  |  |  |  |
|         | Vote             |          |   | 6-0; Motion passed  |  |  |  |  |  |  |  |  |  |

# IX. Intellectual Property (IP) Check

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

| Х |        | TC Chapter meeting chair asked those participating, if they were aware of any potentially material nted technology or copyrighted items* in the Standard or Guideline. ( <i>Regulations</i> ¶ 8.8.1) |                     |   |  |                 |  |  |  |  |  |
|---|--------|--|---------------------|---|--|-----------------|--|--|--|--|--|
|   | Х      |  |                     |   | aterial patented technology or reproduction of s are known.  |                 |  |  |  |  |  |
|   |        | copy<br>copy   | righted iten        | ns are l<br>se letter   | tented technology or reproduction of known, but a Letter of Assurance (LOA) or for such items has been obtained or napter. | GO TO SECTION X |  |  |  |  |  |
|   |        | use (  | of such ma          | lly material patented technology or reproduction of copyrighted items are known and uch materials is technically justified by the TC Chapter, but an LOA or copyright etter for some of the item(s) has NOT been obtained or presented to the TC Chapter. |  |                 |  |  |  |  |  |
|   | Z      |  | Ask ISC f           | or spec   | or special permission to publish.  |                 |  |  |  |  |  |
|   | MOTION |  | Quit activ          | ity.  |  |                 |  |  |  |  |  |
|   | Ž      |  | Wait for L          | .OA for   | patented technology or release of copyrighted  | d items.        |  |  |  |  |  |
|   | Moti   | ion by   | /2 <sup>nd</sup> by | Name (Company)/Name (Company)   |  |                 |  |  |  |  |  |
|   | Di     | scus   | sion                | XXXX  |  |                 |  |  |  |  |  |
|   |        | Vote   | <b>;</b>            | XX-XX   |  |                 |  |  |  |  |  |
|   | E:.    | nal Ac   | etion               |   | Motion Passed  |                 |  |  |  |  |  |
|   | r II   | iai AC   | ,tion               |   | Motion Failed  |                 |  |  |  |  |  |

<sup>\*</sup> 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 Letter Ballot.

# X. Action for This Document

|        | X      | This Docu       | ment passed TC Chapter review as balloted and will be forwarded to the A&R SC for review.  |  |  |  |  |  |  |  |  |
|--------|--------|-----------------|--|--|--|--|--|--|--|--|--|
| ≤      |        |                 | This Document passed TC Chapter review with editorial changes and will be forwarded to the A&R SC for procedural review.   |  |  |  |  |  |  |  |  |
| Motion |        | changes a       | is Document passed TC Chapter review with Technical Changes and with or without editorial anges and will be forwarded to the A&R SC for procedural review. A Ratification Ballot will be sued to verify the Technical Changes. |  |  |  |  |  |  |  |  |
|        |        | This Docu       | ment failed TC Chapter review and will be returned to the TF for rework.   |  |  |  |  |  |  |  |  |
|        |        | This Docu       | ment failed TC Chapter review and work will be discontinued.   |  |  |  |  |  |  |  |  |
| N      | lotic  | on by/2nd<br>by | Kazunori Kato (AiT) / Hideki Suzuki (Shin-Etsu Polymer)  |  |  |  |  |  |  |  |  |
|        | Dis    | cussion         | None   |  |  |  |  |  |  |  |  |
|        |        | Vote            | 6-0  |  |  |  |  |  |  |  |  |
|        | Fins   | al Action       | X Motion passed  |  |  |  |  |  |  |  |  |
|        | 1 1110 | ii Action       | Motion failed  |  |  |  |  |  |  |  |  |

Standards staff to record the result of the A&R procedural review here:

|     |    | Approved for publication                                   |
|-----|----|--|
| A&R |    | Approved pending for acceptance of the Ratification Ballot |
|     |    | Not approved   |
|     | Re | eason:   |