

# Five Years Review Taskforce TC Meeting Report

Taskforce Leaders:

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# Activities Update

- Taskforce activity Period: Continues TF program
- Meeting Frequency: Needed base
- Activities Overview:
  - Listed up the documents which require 5-years-review in 2021.
  - All documents are identified as re-approval or inactive.
- Next Step:
  - One document G13 (2020 item) will be submitted as re-approval.

# 2021-2022 Required Document Review

| #                                  | Doc. Title  | Action               | Remarks   |
|------------------------------------|---|----------------------|---|
| SEMI G97-0617                      | Specification for Adhesive Tray Used for Thin Chip Handling                   | INACTIVE             |   |
| SEMI G21-0317                      | Specification for Plating Integrated Circuit Leadframes                       | INACTIVE             |   |
| SEMI G41-0317                      | Specification for Dual Strip SOIC Leadframe                                   | INACTIVE             |   |
| SEMI G88-0211<br>(Reapproved 0217) | Specification for Tape Frame for 450 mm Wafer                                 | INACTIVE             |   |
| SEMI G86-0217                      | Test Method for Measurement of Chip (Die) Strength by Mean of 3-Point Bending | Re-approval          | SNARF was prepared and reviewed at today's TC meeting |
| SEMI G57-0302<br>(Reapproved 1015) | Guide for Standardization of Leadframe Terminology                            | INACTIVE             |   |
| SEMI G81-0307<br>(Reapproved 0315) | Specification for Map Data Items  | INACTIVE             |   |
| SEMI G63-95<br>(Reapproved 0811)   | Test Method for Measurement of Die Shear Strength                             | Re-vote at Cycle8-21 |   |

## **3D Packaging & Integration Technical Committee**

### **Encapsulation Characteristics for WLP and PLP TF**

# Scope

## Charter

- The TF reviews the SEMI published standard documents under 3D Packaging & Integration Committee, which require 5 years reviews per SEMI requirement. Beginning of every year, the review required documents are reviewed to categorize the revision, update or inactive.

## Charter

- Every year, the standard documents are listed up for required 5 years reviews. The taskforce team will lead the documents reviews, together with the experts who are recruited for the specific standard documents contents.
1. List up the review required standard documents issued by old Assembly and Packaging TC, working together with SEMI Japan staff.
  2. The TF reviews the documents per the basic concept for the document updates.
  3. The TF leaders and/or members are enforced or changed when additional expertise are needed for the reviews.

# Basic Concept

## Legacy Documents Review Rule

- Five Years Review TF is responsible to review old A&P TC own's documents every year
- Three key status: Reapprove, Revise/Replace, Inactive
- Basic Concept to categorize INACTIVE:
  - A document is not maintained by TC due to unchanged the specified contents.
    - Specified Dimension, Inspection/Measurement metrology
    - Very legacy package technology such as DIP related standards.
  - A document is not purchased for last 5 years
- In addition to above, view counts to SEMIView is considered to categorize INACTIVE document.
- A list of proposed INACTIVE documents is presented at TC meeting.
- Note:
  - When a document would need to change the category to CURRENT ACTIVE document after putting INACTIVE, such document can be change the status anytime.

# 2020 Document Review Required

## Pending Documents

| #             | Doc. Title  | Reviewed Result | Remarks  |
|---------------|---|-----------------|--|
| SEMI G13-88   | Standard Test Method for Expansion Characteristics of Molding Compounds                     | Re-Ballot       | Change the latest Doc template with several addition |
| SEMI G70-0996 | Standard for Equipment and Leadframe Fixtures for Measurement of Plastic Package Leadframes | Inactive        | No TC support for document update                    |
| SEMI G75-0698 | Standard Test Method of the Properties of Leadframe Tape                                    | Inactive        | No TC support for document update                    |