DOCUMENT CHANGE REQUEST

DCR number 1795	Changes required for: General	Originator: Khlifa Hadre
Date: 2026/02/03	Date sent: 2026/01/15	Organisation: ST Microelectronics
Status: IMPLEMENTED		

Title:	INTEGRATED CIRCUITS: MONOLITHIC AND MULTICHIP MICROCIRCUITS, WIRE BONDED,		
Number:	9000	Issue:	12

Other documents affected:

Page:

46,47

Paragraph:

12.5.1 Chart F4A – Qualification, Periodic Testing and Lot Validation Testing for Packaged Components

Original wording:

As per current specs above

Proposed wording:

ESCC 9000:
See attached document for all changes highlighted in yellow :
- Para. 12.5.1: Add a note (number 19) at the “External Visual Inspection” test level
- Page 47: Description of note number 19
Note 19 : “External Visual Inspection” tests can be performed before ”Intermediate and End-Point Electrical Measurements” tests.

Justification:

In the process of ChartF4 Environmental and Mechanical flow charts in 9000 (Parag 12.5.1) , Subgroup 1 (Mechanical Testing) and Subgroup 1 (Environmental Testing), electrical measurements are performed before visual tests. The goal is to allow the inversion of the two steps in the production flow, which avoids a step at the end of the leak tests for products tested with carriers

Attachments:
escc9000iss12_(page_46&_47with_note_n°19)(2).png
Modifications:
The new note (note 12) shall apply also to ‘Intermediate and End-Point Electrical Measurements’ after SAM & Operating Life in Chart F4A; see new DCR attachment 9000 Draft 13A for details .
Approval signature:

Date signed:
2026-02-03