



DOCUMENT CHANGE REQUEST

DCR number	1795	Changes required for:	General	Originator:	Khelifa 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:

esc9000iss12_(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:

A handwritten signature in black ink, appearing to be 'J. J.', is located in the signature field.

Date signed:

2026-02-03