DOCUMENT CHANGE REQUEST

DCR number 1794	Changes required for: General	Originator: Khlifa Hadre
Date: 2026/02/03	Date sent: 2026/01/15	Organisation: ST Microelectronics
Status: IMPLEMENTED		

Title:	Generic Specification for Discrete Semiconductor Components		
Number:	5000	Issue:	10

Other documents affected:

Page:

40,41

Paragraph:

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

Original wording:

As per current specs above

Proposed wording:

ESCC 5000:
See attached document for all changes highlighted in yellow :
- Para. 12.4.1: Add a note (number 8) at the “External Visual Inspection” test level
- Page 41: Description of note number 8
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 5000 (Parag 12.4.1) , 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:
escc5000iss10_(page_40&_41with_note_n°8).png
Modifications:
The new note (note 6) shall apply also to ‘Intermediate and End-Point Electrical Measurements’ after Operating Life in Chart F4A; see new DCR attachment 5000 Draft 11A for details .
Approval signature:
Date signed:
2026-02-03