

Information Letter Number: 243401, Version 3

Date: 10.02.2025

Title: SCD4x Moisture Sensitivity Level Improvement

Product Identification: SCD40 (Art. Nr. 3.000.496 and 3.000.521)
SCD41 (Art. Nr. 3.000.960 and 3.000.961)

Reason for Change:
☐ Design

☐ Production

☐ Logistics

☐ Manufacturing Location

☐ Quality/Reliability

☒ Upgrade

Change Description:

This is an updated version of Infoletter No. 243401 providing a concrete implementation date in production for the minor change to the ESD-bag labelling and content announced previously.

Specification improvement to Moisture Sensitivity Level 1:

SCD40 (Art. Nr. 3.000.496 and 3.000.521) and SCD41 (Art. Nr. 3.000.960 and 3.000.961) sensors, originally specified with a Moisture Sensitivity Level of 3 (MSL3), are respecified with a Moisture Sensitivity Level of 1 (MSL1) according to IPC/JEDEC J-STD-020. This improvement to the Datasheet specifications is enabled by the results of extensive sensor testing over time. It is not related to any changes to sensor hard- or firmware, therefore the moisture sensitivity level reclassification is applicable also retroactively for SCD4x of the respective part numbers shipped previously.

Resulting minor change to the ESD-bag content & labelling:

ESD-Bags within which SCD4x sensor reels are shipped will no longer include dessicant, a humidity indicator card, exterior MSID or caution labels in accordance with IPC/JEDEC J-STD-033.

Identification Method to Distinguish Change: Not applicable

Samples:
☐ available

☐ will be available in

☒ not applicable

Quantifiable Impact on Quality & Reliability: No impact on form, fit, function or reliability

Estimated Implementation Date:

An updated SCD4x Datasheet was released on 09.09.2024 to reflect this improvement. The moisture sensitivity level reclassification is applicable also for any SCD4x of the respective part numbers shipped previously.

All reels with production date on or after February 10th 2025 (Date Code 2507) will have adapted ESD-bag content & labelling.

Sensirion Contact: Your established sales contacts

If you have questions with regard to this Information Letter, please reach out to your established Sensirion sales contact.