

**Information Letter Number:** 224901, Version 2

**Date:** 19.03.2024

**Title:** SCD40, SCD4x Product Family Upgrade

**Product Identification:**  
SCD40

**Reason for Change:**

<input type="checkbox"/> Design	<input type="checkbox"/> Production	<input type="checkbox"/> Logistics
<input type="checkbox"/> Manufacturing Location	<input type="checkbox"/> Quality/Reliability	<input checked="" type="checkbox"/> Upgrade

**Change Description:**

This Infoletter covers a set of changes to the SCD40, part of the SCD4x product family.

*Increased peak reflow soldering temperature*

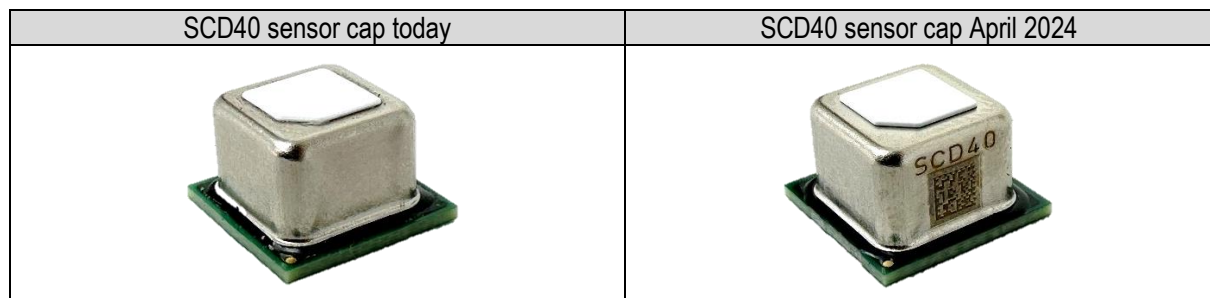
The peak reflow soldering temperature for the SCD4x is increased from 235°C to 245°C for closer alignment with reflow soldering standards (IPC/JEDEC J-STD-020). The increased peak reflow soldering temperature will have no impact on sensor function and any previously established reflow profiles can be maintained.

*Second source for the microphone*

A 2<sup>nd</sup> source for the microphone (a sub-component of the SCD4x products) has been established to increase the resilience of the supply chain. The 2<sup>nd</sup> source has been qualified to meet equivalent performance as the 1<sup>st</sup> source. Both sources may be used interchangeably on any of the SCD4x product family members.

*Device marking*

A laser marking on the side of the cap will be introduced which contains the product type (e.g. SCD40) and serial number within a QR code. The introduction of the laser marking will have no impact on dimensions or function of the cap.



**Identification Method to Distinguish Change:** new laser marking on cap

**Samples:**

<input type="checkbox"/> available	<input type="checkbox"/> will be available	<input checked="" type="checkbox"/> not applicable
------------------------------------	--	--

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

**Estimated Implementation Date\*:** 04.04.2024

\* The Estimated Implementation Date is the forecasted date that a customer may expect to receive changed product. This may be affected by fluctuations in supply and demand.

**Sensirion Contact:** Your established sales contacts

If you have questions with regard to this Information Letter, please send them to the Sensirion contact e-mail address listed above.