

**Information Letter Number: 191205****Date: 18-April-2019****Title: Production Relocation and New Product Number****Product Identification:****SCD30 - Sensirion CO2, RH and T sensor module****Reason for Change:** Design Production Logistics Manufacturing Location Quality/Reliability Upgrade**Change Description:**

To scale our production capacity and for economic reason Sensirion is required to relocate the production of the SCD30 CO<sub>2</sub>, RH and T module. **The new production site will be fully compatible and “copy exactly”** i.e. the products coming from the newly established production site will be identical with the product from the initial swiss production site **without any impact on form, fit or function.**

	Previous Production Site	New Production Site
Fab address	Sensirion AG Laubisrütistrasse 26 8712 Staefa Switzerland	Sensirion Automotive Solutions AG 3F~4F, Building 2, No.800 Jiuxin Highway, Songjiang District, Shanghai 201615, China

Coninciding with the relocation of the manufacturing site, the product number of the SCD30 changes as follows:

SCD30 order code, new: 1-101625-**10**, country of origin: **China**

SCD30 order code, previous: 1-101625-**01**, country of origin: **Switzerland**

The ECCN (EAR99), the HS Code (9027.1000) and price level remain the same as before.

Side note to SCD30 evaluation products:

SEK-SCD30 (3.000.055) remains with existing order code and country of origin Switzerland

SCD30 sample extension incl. cable for SEK (3.000.061) keeps the existing order code. Country of origin stays Switzerland.

Starting from **1. May 2019** Sensirion accepts Purchasing Orders for the SCD30 sensor with the new order code (i.e. SCD30 sensors with country of origin China).

Effective on **1. June 2019**, Sensirion will no longer accept Purchasing Orders for the SCD30 sensor with the old order code (i.e. SCD30 sensors with country of origin Switzerland).

On **1. June 2019** the ordering information on the SCD30 datasheet will be adjusted to the new article number. Other than that no further changes will be made on the SCD30 datasheet, so no need for any inventory exchange.

**Identification Method to Distinguish Change:**

Products from the two manufacturing sites can only be distinguished by the order code. Furthermore, Sensirion can track down the manufacturing site for each single sensor based on the product label and electronic sensor ID.

**Qualification Data:**  will be available 1. May 2019 not applicable**Samples:** will be available 15. April 2019 not applicable

**Quantifiable Impact on Quality & Reliability:**

Quality and reliability of the SCD30 from new production site will be confirmed with a qualification. Following qualification tests will be performed:

Stress Test	Description	Sample Size	No. Of Lots
High Temperature Storage Life	JESD22-A103 E Temperature = 70°C Time = 168 h	24	3
Low Temperature Storage	JESD22-A119 Temperature = -40°C Time = 168h	24	3
Temperature Cycling	JESD22-A104 E T <sub>min</sub> /T <sub>max</sub> = 0°C/80°C Number of cycles = 1'000	24	3
Temperature Humidity Bias	JESD22-A101 D Temperature = 85°C Relative Humidity = 85% Time = 100h V <sub>dd</sub> = 5.5V	24	3
ESD – Human Body Model	JESD22-C101 F Test voltage levels = 500V	3	3
Vibration	IEC 60068-2-6 10 ... 100 Hz: 1.0 m <sup>2</sup> /s <sup>3</sup> 100 ... 200 Hz, -3 dB/oct 200 ... 2'000 Hz, 0.5 m <sup>2</sup> /s <sup>3</sup> Duration 1h/axis	12	3

**Sensirion Contact:** [info@sensirion.com](mailto:info@sensirion.com)

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