Information Letter Number: 180411  
Date: 11-APR-2018

Title: VDD-range extension for digital versions of SHT3x & STS3x

Product Identification:
STS3x-DIS, SHT3x-DIS-B/P/F

Reason for Change:  
☐ Design  
☐ Production  
☐ Logistics  
☐ Manufacturing Location  
☐ Quality/Reliability  
☒ Upgrade

Change Description:

The above sensors of the SHT/STS3x-series will support an extended VDD range of $V_{DD_{\text{min}}} = 2.15\text{V}$ to $V_{DD_{\text{max}}} = 5.5\text{V}$. Previously, the lower limit was $V_{DD_{\text{min}}} = 2.4\text{V}$. In consequence Power up/down levels will change to:

<table>
<thead>
<tr>
<th>$V_{\text{POR}}$ (Power up/down level) [V]</th>
<th>min</th>
<th>typ</th>
<th>max</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.8</td>
<td>2.10</td>
<td>2.15</td>
</tr>
</tbody>
</table>

The sensor performance remains unaltered.

Identification Method to Distinguish Change:

For customer: Sensors shipped after 22nd-May-2018. For Sensirion: 100% traceability is given for every sensor.

Samples:  
☐ available  
☐ will be available in  
☒ not applicable

Quantifiable Impact on Quality & Reliability:
None.

Sensirion Contact: 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.