Customer Information CN03-2018

Change to device characteristics and ordering code in the ENS210 datasheet

Dear Customer,

Please be informed that ams has changed the ENS210 datasheet which affects the following products:

- ENS210-LQFM
- ENS210-LQFT

More details on datasheet changes as follows:

Electrical Characteristics:

The typical value for supply current ($I_{CC}$) have been updated in figure 6 per below:

<table>
<thead>
<tr>
<th>Conditions</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standby state</td>
<td>0.04 (0.3) μA</td>
<td>0.04 (0.5) μA</td>
</tr>
<tr>
<td>Continuous run mode</td>
<td>58 (56) μA</td>
<td>58 (61) μA</td>
</tr>
<tr>
<td>T and RH measurement at 1Hz</td>
<td>7.1 (6.9) μA</td>
<td>6.6 (7.1) μA</td>
</tr>
</tbody>
</table>

Relative Humidity Sensor Characteristics:

The typical values for Relative Humidity Accuracy ($H_{ACC}$) have been added to Figure 8 and Figure 14. In addition, the typical value for Relative Humidity Hysteresis in figure 8 has been updated from ±1 %RH to ±0.7 %RH.
System Timing Characteristics:
The conversion times ($t_{	ext{conv}}$) in figure 9 have been updated to include $T$ only / $T$ and RH typical and maximum values for single shot and continuous conditions.

Ordering & Contact Information:
Ordering code ENS210-LQFT is not supported and has been removed from the datasheet.

Qualification Strategy:
No qualification required.

Target Date of Implementation:
22nd February 2018

Sample Availability:
No change to fit, form and function of the product. Samples available for customer evaluation and qualification.

Risk Assessment:
Low

If you do have further questions, please do not hesitate to contact me.

Best Regards,

Paul Wilson
ams AG
Senior Marketing Manager