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Customer Information CN25-2017

Change to absolute maximum ratings and NTC functionality in the CCS811 datasheet

Dear Customer,

Please be informed that ams has changed the CCS811 datasheet which affects the following products:

- CCS811B-JOPD500
- CCS811B-JOPR5K

More details on datasheet changes as follows:

Absolute maximum ratings:

The ambient temperature range for operation in Figure 5 has been updated from (-5 °C, +50°C) to (-40 °C, +85 °C). Please note CCS811 sensors are electrically operable in this range, however indoor air quality performance will vary in this range.

Optional NTC Circuit (Aux):

This feature is no longer supported on CCS811 and has been removed from the datasheet. ams recommends using an external relative humidity and temperature sensor such as ENS210 for environmental compensation.



Qualification Strategy:

No qualification required.

Target Date of Implementation:

October 2017

Sample Availability:

No change to existing silicon. 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