Premstätten, February 15, 2019

Customer Information CN04-2019

Minor updates to the CCS811 datasheet

Dear Customer,

Please be informed that ams has implemented updates to the CCS811 datasheet as follows:

1. **Electrical Characteristics** – Page 6, Minor updates to the Logic High / Low inputs and outputs
2. **Timing Characteristics** – Page 7 and 8, Minor updates to conditions, added new parameter t_{I^2C} and Figure 8 on timings
3. **Detailed Description** – Page 9 and 10, Added new sections on CCS811 state machine and power states
4. **eCO$_2$** – Page 12, Changed maximum output range from 32768ppm to 29206ppm
5. **Application Information** – Page 14, Minor updates to Figure 11 to clarify pull-ups values
6. **STATUS Register (0x00)** – Page 18, Figure 15, Updates to status register descriptions for bits APP_ERASE, APP_VERIFY and ERROR
7. **FW_App_Version Register (0x24)** – Page 23, Figure 15, Added note that FW_App_Version will read FFFF when there is no firmware application

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

Best Regards,

Paul Wilson
ams AG
Senior Marketing Manager