

HMC5883L

Errata Sheet

During testing of the new HMC5883L parts, the following issues were identified:

1. The current consumption in all modes is 27 μ A higher than specified in the HMC5883L datasheet.
2. In the event the ADC reading overflows or underflows for the given channel, or if there is a math overflow during the measurement, the data register will contain the value 0 or half the expected value. To ensure this condition is avoided, use a gain register setting that allows for sufficient dynamic field range for your application.

Please note that these discrepancies are found in the parts you are receiving and will be corrected in the units scheduled for Q1 2011.

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