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**PRODUCT BULLETIN # 16545**

Generic Copy

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**Issue Date:** 19-Nov-2010

**TITLE:** VBUS Control VIH/VIL Datasheet Specification Change

**PROPOSED FIRST SHIP DATE:** 19-Nov-2010

**AFFECTED PRODUCT DIVISION:** AUDIO VIDEO INTERFACE DIVISION

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local ON Semiconductor sales office or <[Nilda.Lopez@onsemi.com](mailto:Nilda.Lopez@onsemi.com)>

**NOTIFICATION TYPE:**

ON Semiconductor considers this change approved unless specific conditions of acceptance are provided in writing. To do so, contact <[quality@onsemi.com](mailto:quality@onsemi.com)>.

**DESCRIPTION AND PURPOSE:**

Based on the results of additional characterization data, ON Semiconductor is tightening the VBUS Control VIH Min and VBUS Control VIL Max specification for the affected device as follows:

- VIH (VBUS) Min:
  - 1.9V @ Vcc=2.7V
  - 2.2V @ Vcc=3.3V
  - 2.7V @ Vcc=4.2V
- VIL (VBUS) Max:
  - 0.8V @ Vcc=2.7V
  - 1.1V @ Vcc=3.3V
  - 1.6V @ Vcc=4.2V

There have not been any changes to the design or manufacturing process of the affected device.



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**List of affected General Parts:**

NS5S1153MUTAG