

# **PRODUCT ADVISORY**

## **Data Sheet Specification Change for Intersil Product ISL8013\***

**Refer to:  
PA10014**

**Date: February 15, 2010**

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To: Our Valued Intersil Customers

Subject: **Data Sheet Specification Change for Intersil Product ISL8013\***

This advisory is to inform you that Intersil has updated the data sheet specification for the listed ISL8013\* products. The changes consist of the following:

- i) Updated sheets 2, 3, and 14 to indicate EN is not permitted to be directly connected to VIN and to provide recommendations for EN operation/configuration as it relates to VIN.
- ii) Updated the Typical Application Diagram on sheet 3 to remove EN to VIN connection and to add a PGND to SGND connection.
- iii) Updated the Block Diagram on sheet 4 to remove the inverter.
- iv) Updated the Absolute Maximum Ratings section on sheet 5 to include an option of “7V (20mS)” for VIN, VDD, and LX.
- v) Updated the Thermal Information section on sheet 5 changing  $\theta_{JA}$  from 37°C to 39°C and  $\theta_{JC}$  from 6°C to 3°C.
- vi) Updated the UVLO section on sheet 14 to include the use of a resistor divider network across the EN pin.
- vii) POD (Package Outline Drawing) updated to reflect the new Intersil format.

The updated data sheet, FN6309 dated November 23, 2009, is included as a separate attachment with the changes shaded in yellow and/or circled in red.

Products Affected:

|              |                   |                   |
|--------------|-------------------|-------------------|
| ISL8013IRZ   | ISL8013IRZ-TS2378 | ISL8013IRZ-TS2715 |
| ISL8013IRZ-T | ISL8013IRZ-TS2568 | ISL8013IRZS2715   |

Intersil will take all necessary actions to conform to customer requirements and to ensure the continued high quality and reliability of Intersil products being supplied. Customers may expect to continue receiving product processed to the same established conditions and systems used for screening of material supplied today.

If you have concerns with this change notice, Intersil must hear from you immediately. Please contact the nearest Intersil Sales Office or call the Intersil Corporate line at 1-888-468-3774, in the United States, or 1-321-724-7143 outside of the United States.



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PA10014

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