

**Power Integrations**

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TOPSwitch-HX™ PRODUCT CHANGE NOTIFICATION**Control No. PCN-09301****July 17, 2009****Type of Change:** ☐ **Design:** ☐ **Manufacturing** ☒ **Other**

We are providing you this notification in accordance with Power Integrations policy of critical change notification and JEDEC standard EIA/JESD-46 guidelines. If you have any questions or need further assistance, please contact PI Sales office serving your geographic location.

DESCRIPTION OF THE CHANGES:

The package marking will be changed as follows.

Current Format: Currently the first line consists of a letter followed by three digits to indicate the date code. The current date code format is as follows.

Letter - Digit 1 – Digit 2 – Digit 3. Example: M841 means week 41 of year 2008 at assembly site M. Please see Figure 1 on page 2.

Letter indicates the assembly location; digit 1 is the last digit of the year, digits 2 and 3 indicate the week.

New Format: The new date code will consist of four digits as follows.

Digit 1 – Digit 2 – Digit 3 – Digit 4. Example: 0911 means week 11 of year 2009. Please see Figure 2 on page 2. (The example is for a new part type that adopted the new format when released).

Digits 1 and 2 will indicate the last two digits of the year; digits 3 and 4 will indicate the week.

EFFECT ON CUSTOMER: Customer may need to update the incoming visual inspection procedure so that products with the change of marking are accepted.

EFFECT ON PRODUCT QUALITY: None. All other markings will remain the same. The manufacturing history, manufacturing location, production data, and quality records will continue to be tracked by the lot number as usual.

PRODUCTS AFFECTED: This is a global change affecting all products that are currently in production.

REASON FOR CHANGE:

Two digits will be required to indicate the year starting 2010. Company's manufacturing system is set up to accept only four alphanumeric characters for the date code.

EFFECTIVE DATES: October 17, 2009.

Please note that products with the above changes may begin to be shipped after the effective date without further notice. Existing products in the inventory will continue to be shipped until the inventory is used up.

CONFIDENTIAL: The information in this report contains confidential and proprietary information of Power Integrations and its manufacturing partners. By receiving this report, the customer agrees to use this information for the sole purpose of addressing the issues reviewed in this report and to keep the report's contents confidential. If it becomes necessary for the customer to disclose this information to a third party, a non-disclosure agreement, which provides reasonable and customary protection for the disclosed information, must be executed.



Figure 1: Example of a current marking format.



Figure 2: Example of the new marking format. Please note that the new format has already been implemented on new products.