

## Automotive Process Change Notification

**Date:** August 1, 2014

**PCN Reference:** AU-14-126B, Qualification of Vanguard International Semiconductor Corporation (VIS) for PCube IPS Technology

**Product Reference:** Automotive Intelligent Power Switch (IPS) Products

### To Our Valued Customer:

We thank you for your use of International Rectifier (IR) semiconductor products. Our commitment to customer satisfaction and continuous improvement is demonstrated by our change plans to enhance capacity, quality and reliability. We would like to express our sincere appreciation for your cooperation regarding the following changes, and IR will work closely with you to support your requirements during this transition.

### Type of Change Notification:

- Wafer fab site
- Test site
- Wafer diameter
- Marking appearance

### Description of Change:

PCube IPS products currently manufactured and wafer-level tested in the IR Newport, South Wales UK (Fab 10) six inch facility will be transferred to the VIS Hsinchu, Taiwan (Fab 2) eight inch wafer fab and subcontractor facilities.

### Reason for the Change:

As part of a manufacturing consolidation plan announced in 2012, International Rectifier indicated that it would be closing the IR Fab 10 facility and transferring the production capability for certain parts to foundries.

The top marking of the part will be changed to be consistent with standard AU parts.

### Effective Date:

February 1, 2015

## Impact of Change:

No changes to form, fit, or function. The package outline remains the same. Datasheet specifications will not be changed. The location for assembly and final test will not change.

## Products Affected:

IR Part Number	Package
AUIPS1011R	D-Pak
AUIPS1011RTRL	D-Pak
AUIPS1011S	D <sup>2</sup> Pak
AUIPS1011STRL	D <sup>2</sup> Pak
AUIPS6011R	D-Pak
AUIPS6011RTRL	D-Pak
AUIPS6011S	D <sup>2</sup> Pak
AUIPS6011STRL	D <sup>2</sup> Pak
AUIPS6021R	D-Pak
AUIPS6021RTRL	D-Pak
AUIPS6021S	D <sup>2</sup> Pak
AUIPS6021STRL	D <sup>2</sup> Pak
AUIR08152STR	SO-8

## Method of Identifying Changed Product:

Wafer fab origins will not be distinguished through the external part making or shipping labels; however, IR internal systems will be able to trace the site of the wafer lots used to produce the final product.

## Qualification and Supporting Data Availability:

Available now.

## Sample Availability:

Available now.

## Contact Information:

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