

Automotive Process Change Notification

Date: February 13, 2015

PCN Reference: AU-N-13-0047, Fab10 to Fab11 Gen10.7 DirectFET Technology Transfer

Product Reference: Gen10.7 DirectFET

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
- Wafer diameter
- Top protective layer material

Description of Change:

Gen 10.7 DirectFET products currently manufactured in the IR Newport, South Wales UK (Fab 10) six inch facility will be transferred to the IR Newport, South Wales UK (Fab 11) eight inch facility. Concurrent with this change, a silicon oxynitride passivation layer will be added to the silicon.

Reason for the Change:

As part of a manufacturing consolidation plan announced in 2012, International Rectifier indicated that it would be closing the Fab 10 facility and transferring production capability for certain parts to the Fab 11 facility. The passivation layer will be added to improve robustness and to be compatible with automotive (AU) grade parts.

Effective Date:

August 13, 2015

Products Affected:

- AUIRL7736M2TR
- AUIRL7736M2TR1
- AUIRL7732S2TR
- AUIRL7732S2TR1

Impact of Change:

No changes to form, fit, or function. The package outline remains the same. Datasheet specifications will not be changed.

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 and bill of materials used to produce the final product.

Qualification and Supporting Data Availability:

Available now.

Sample Availability:

Available upon request.

Contact Information:

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