

Automotive Process Change Notification

Date: July 29, 2013

PCN Reference: AU-13-32, Qualification of Vanguard International Semiconductor Corporation (VIS) for Gen10.2 MOSFET Technology

Product Reference: Gen10.2 MOSFET

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 test site

Description of Change:

Gen10.2 MOSFET products currently manufactured and wafer-level tested in the IR Newport, South Wales UK (Fab 10) six inch facility, and the IR Newport, South Wales UK (Fab 11) eight 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. In order to enable capacity expansion, other Gen10.2 technology parts from the IR Fab 11 facility will also be transferred to VIS.

Effective Date:

January 29, 2014

Products Affected:

AUIRF1010EZ	AUIRF2804LRL306	AUIRF3805L-7P	AUIRFR1010ZTRR	AUIRFR4104TRL	AUIRFZ44VZSTRL
AUIRF1010EZS	AUIRF2804S	AUIRF3805S	AUIRFR120Z	AUIRFR4104TRR	AUIRFZ44VZSTRR
AUIRF1010EZSTRL	AUIRF2804S-7P	AUIRF3805S-7P	AUIRFR120ZTR	AUIRFR4105Z	AUIRFZ44Z
AUIRF1010EZSTRR	AUIRF2804STRL	AUIRF3805S-7TRL	AUIRFR120ZTRL	AUIRFR4105ZTR	AUIRFZ44ZS
AUIRF1010Z	AUIRF2804STRL7P	AUIRF3805S-7TRR	AUIRFR120ZTRR	AUIRFR4105ZTRL	AUIRFZ44ZSTRL
AUIRF1010ZL	AUIRF2804STRR	AUIRF3805STRL	AUIRFR2307Z	AUIRFR4105ZTRR	AUIRFZ44ZSTRR
AUIRF1010ZS	AUIRF2804STRR7P	AUIRF3805STRR	AUIRFR2307ZTR	AUIRFR48Z	AUIRFZ48Z
AUIRF1010ZSTRL	AUIRF2804WL	AUIRF4104	AUIRFR2307ZTRL	AUIRFR48ZTR	AUIRFZ48ZS
AUIRF1010ZSTRR	AUIRF2903Z	AUIRF4104S	AUIRFR2307ZTRR	AUIRFR48ZTRL	AUIRFZ48ZSTRL
AUIRF1324	AUIRF2903ZL	AUIRF4104STRL	AUIRFR2607Z	AUIRFR48ZTRR	AUIRFZ48ZSTRR
AUIRF1324S	AUIRF2903ZS	AUIRF4104STRR	AUIRFR2607ZTR	AUIRFR540Z	
AUIRF1324S-7P	AUIRF2903ZSTRL	AUIRF540Z	AUIRFR2607ZTRL	AUIRFR540ZTR	
AUIRF1324STRL	AUIRF2903ZSTRR	AUIRF540ZS	AUIRFR2607ZTRR	AUIRFR540ZTRL	
AUIRF1324STRR	AUIRF2907Z	AUIRF540ZSTRL	AUIRFR2905Z	AUIRFR540ZTRR	
AUIRF1324WL	AUIRF2907ZS-7P	AUIRF540ZSTRR	AUIRFR2905ZTR	AUIRFS4310	
AUIRF1404Z	AUIRF2907ZS7PTL	AUIRFB3207	AUIRFR2905ZTRL	AUIRFS4310TRL	
AUIRF1404ZL	AUIRF2907ZS7PTR	AUIRFB4410	AUIRFR2905ZTRR	AUIRFS4310TRR	
AUIRF1404ZS	AUIRF3205Z	AUIRFB4610	AUIRFR3504Z	AUIRFS4610	
AUIRF1404ZSTRL	AUIRF3205ZS	AUIRFC1324EB	AUIRFR3504ZTR	AUIRFS4610TRL	
AUIRF1404ZSTRR	AUIRF3205ZSTRL	AUIRFC1324ED	AUIRFR3504ZTRL	AUIRFS4610TRR	
AUIRF1405ZL	AUIRF3205ZSTRR	AUIRFC2804EB	AUIRFR3504ZTRR	AUIRFSL4310	
AUIRF1405ZL-308	AUIRF3710Z	AUIRFP2602	AUIRFR3710Z	AUIRFSL4310-306	
AUIRF1405ZS	AUIRF3710ZS	AUIRFP2907Z	AUIRFR3710ZTR	AUIRFU1010Z	
AUIRF1405ZSTRL	AUIRF3710ZSTRL	AUIRFP4004	AUIRFR3710ZTRL	AUIRFU1010Z-701	
AUIRF1405ZSTRR	AUIRF3710ZSTRR	AUIRFR1010Z	AUIRFR3710ZTRR	AUIRFU4104	
AUIRF2804	AUIRF3805	AUIRFR1010ZTR	AUIRFR4104	AUIRFU540Z	
AUIRF2804L	AUIRF3805L	AUIRFR1010ZTRL	AUIRFR4104TR	AUIRFZ44VZS	

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 (IR Mexico), and the package bill of materials will not change.

Method of Identifying Changed Product:

Wafer fab origins will not be distinguished through the external part making or shipping labels; however, based on the assembly lot code marked on the device, 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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