

International Rectifier

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Process Change Notification

Date: Monday, June 15, 2015

PCR Reference: 580

PCN Reference: 580-PCN90-Public

To Our Value Customer:

As always we appreciate your use of International Rectifier semiconductor products. Our commitment to customer satisfaction and continuous improvement is demonstrated by our change plans to enhance capacity, quality and reliability. This notice is to inform you of the following changes.

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:

Alternate site for the assembly of QFN-IC Controller products Additional test capacity

Description of Change:

QFN-IC Controllers- Products listed will be assembled in Carsem China with Cu wire

Material	UTAC Thailand (Current site, Turnkey)	Carsem China (Proposed Assembly site)	ASE-Malaysia (Proposed Test site)	Impact on Form, Fit or Function
Epoxy	8600	QMI519	NA	None
Wire	Au	Cu	NA	None
Mold compound	G770HCD	G770HCD	NA	None
Terminal Finish	NiPdAu	Ni/Pd/Au	NA	None

ASE Malaysia has been qualified as alternate test site

Reason for the Change:

Additional assembly and test capacity

Effect Date:

Sunday, September 13, 2015

International Rectifier will consider this change approved and will implement it by the effective date

unless specific conditions of acceptance or data requests are provided in writing within 30 days of receipt of this notice. Please submit conditions of acceptance and data requests to the PCN coordinator listed at the end of this notice.

Impact of Change:

No impact is expected. The new Bill of Materials and Assembly site will meet the same parametric, MSL and Qualification level as the existing products. Product Datasheets will remain unchanged.

Method of Identifying Changed Product:

The part marking will be updated to include an “underscore” after the last digit of the Lot Code to identify the part as a Copper wire based device.

Products Affected:

IR Part	Description
IR3590AMIB01TRP	
IR3590AMTRPBF	
IR3595AMTRPBF	
IR3596MHA05TRP	

Qualification:

Parts passed all the reliability testing requirements. Reliability qualification report is available upon request. Qualification standards can be found on International Rectifier’s web site at www.irf.com/product-info/reliability

Supporting Data Availability:

Contact IR for supporting data on this change.

Contact Information:

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