

## Process Change Notification

**Date:** Wednesday, December 17, 2014

**PCR Reference:** 409

**PCN Reference:** 409-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:

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

### Description of Change:

QFN-IC Controllers - Alternate sites for the assembly and test of QFN-IC Controller products

1. Products listed in the next page will be assembled in China site with Cu wire

<b>Material</b>	<b>Thailand Site (Current site)</b>	<b>China Site (Proposed site)</b>	<b>Impact on Form, Fit or Function</b>
<b>Epoxy</b>	8600	QMI519	None
<b>Wire</b>	Au	Cu	None
<b>Mold compound</b>	G770HCD	G770HCD	None
<b>Terminal Finish</b>	NiPdAu	Ni/Pd/Au	None

2. Malaysia site has been qualified as alternate test site for the Products identified in the list below

**Reason for the Change:**

Additional assembly and test capacity

**Effect Date:**

Tuesday, March 17, 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:**

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
ASP1257-I16T	
ASP1257-S08T	
IR3580MTRPBF	
IR3581MTRPBF	
IR3584MTRPBF	
IR3590MIB01TRP	
IR3590MTRPBF	
IR3591MES01TRP	
IR3595MTRPBF	
IR3596MTRPBF	

**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](http://www.irf.com/product-info/reliability)

**Supporting Data Availability:**

Contact IR for supporting data on this change.

**Contact Information:**

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Technical	Mario Dolores		<a href="mailto:mdolore1@irf.com">mdolore1@irf.com</a>
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