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## Process Change Notification

**Date:** Tuesday, December 16, 2014  
**PCR Reference:** 295  
**PCN Reference:** 295-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:

Wire size change

### Description of Change:

8LPQFN 3.3x.3.3 Cu Clip FET Products-Wire size change

Gate Wire size change from 2.0 mils to 1.0 mil Gold for the assembly of 8LPQFN 3.3x3.3 products in Philippines.

### Reason for the Change:

Material Standardization

### Effect Date:

Monday, March 16, 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 change on material will meet the same parametric and qualification level as the existing products. Product datasheets will remain unchanged

## **Method of Identifying Changed Product:**

Datecode Lotcode information

## **Products Affected:**

IR Part	Description
62-0209PBF	
62-0243PBF	
IRFHM830DTRPBF	MOSFET, 30V, 40A, 4.3 mOhm, 13 nC Qg, 1.1 Ohm RG, MonoFETky, PQFN 3.3x3.3
IRFHM830TRPBF	MOSFET, 30V, 40A, 3.8 mOhm, PQFN 3.3x3.3
IRFHM831TRPBF	MOSFET, 30V, 24A, 7.8 mOhm, 7.3 nC Qg, 0.9 Ohm RG, PQFN 3.3x3.3
IRLHM620TRPBF	MOSFET, 20V, 40A, 2.5 mOhm, 2.5V drive capable, PQFN3.3x3.3
IRLHM630TRPBF	MOSFET, 20V, 40A, 3.5 mOhm, 2.5V drive capable, PQFN3.3x3.3

## **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:**

CONTACT TYPE	NAME	PHONE	EMAIL
PCN Coordinator	Mark Ogden		<a href="mailto:mogden1@irf.com">mogden1@irf.com</a>
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