



101 North Sepulveda Boulevard, El Segundo, California, 90245, USA Telephone: +1 310 726 8000 [www.irf.com](http://www.irf.com)

## Process Change Notification

**Date:** Wednesday, February 18, 2015

**PCR Reference:** 491

**PCN Reference:** 491-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:

MSL Rating Change

### Description of Change:

Power Management Devices– TSOP6 The MSL rating for TSOP6 changePower Management Devices– TSOP6 FET  
The MSL rating for TSOP6 products will be upgraded from MSL2 to MSL1

### Reason for the Change:

MSL upgrade of the product

### Effect Date:

Tuesday, May 19, 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. This is a notice of MSL upgrade based on the achieved qualification.

**Method of Identifying Changed Product:**

Date Code Lot Code Information

**Products Affected:**

IR Part	Description
IRF5803TRPBF	MOSFET, P-CHANNEL, -40V, -3.4A, 112 mOhm, 25 nC Qg, TSOP-6
IRF5805TRPBF	MOSFET, P-CHANNEL, -30V, -3.8A, 98 mOhm, 11 nC Qg, TSOP-6
IRF5806TRPBF	MOSFET, P-CHANNEL, -20V, -4A, 86 mOhm, 8.3 nC Qg, TSOP-6

**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)

OK

**Supporting Data Availability:**

Contact IR for supporting data on this change.

**Contact Information:**

CONTACT TYPE	NAME	PHONE	EMAIL
PCN Coordinator	Abigail Miciano		<a href="mailto:AMICIAN1@irf.com">AMICIAN1@irf.com</a>
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