



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, December 17, 2014  
**PCR Reference:** 442  
**PCN Reference:** 442-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 Micro 3 FET products

### Description of Change:

Micro3 FET Products- Alternate site for the assembly

Philippines site has been qualified as the alternate assembly site for Micro3 products

### Bill of Materials

Material	Current sites		Proposed site	Impact on Form, Fit or Function
	A	G	C	
Epoxy	SR4	QMI529	QMI529	None
Wire	Cu	Cu	Cu	None
Mold compound	KMC3510	KMC3510	KMC3510	None

<b>Terminal Finish</b>	Matte Tin	Matte Tin	Matte Tin	None
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**Reason for the Change:**

Additional assembly 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:**

Assembly Site code marking

**Products Affected:**

IR Part	Description
62-1046PBF	
62-1048PBF	
62-1050PBF	
62-1051PBF	
62-1056PBF	
IRFML8244TRPBF	MOSFET, 25V, 5.8A, 24 mOhm, 5.4 Qg, SOT-23
IRLML0030TRPBF	MOSFET, 30V, 5.2A, 28 mOhm, 3.6 nC Qg, SOT-23
IRLML2030TRPBF	MOSFET, 30V, 2.7A, 100 mOhm, 1.0 nC Qg, SOT-23
IRLML2502TRPBF	MOSFET, 20V, 4.2A, 45 mOhm, 8 nC Qg, Logic Level, SOT-23
IRLML5203TRPBF	MOSFET, P-CHANNEL, -30V, -3A, 98 mOhm, 9.5 nC Qg, Logic Level, SOT-23
IRLML6401TRPBF	MOSFET, P-CHANNEL, -12V, -4.3A, 50 mOhm, 10 nC Qg, Logic Level, SOT-23
IRLML6402TRPBF	MOSFET, P-CHANNEL, -20V, -3.7A, 65 mOhm, 8 nC Qg, Logic Level, SOT-23

**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)

Please contact the PCN Coordinator for supporting data.

**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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