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Process Change Notification

Date: Friday, March 13, 2015
PCR Reference: 351
PCN Reference: 351-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 Micro3 FET products

Description of Change:

Micro3 FET Products-Hana Thailand has been qualified as the alternate assembly site
Hana Thailand has been qualified as the alternate assembly site for Micro3 FET Products

Bill of Materials

Material	Current sites		Proposed site	Impact on Form, Fit or Function
	A TEC	GTBF	HANA	
Epoxy	SR4	SR4/QMI529	SR4	None
Wire	Cu	Cu	Cu	None
Mold compound	KMC3510	CK2500/KMC3510	KMC3510	None
Terminal Finish	Matte Tin	Matte Tin	Matte Tin	None

Reason for the Change:

Additional assembly capacity

Effect Date:

Thursday, June 11, 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 and Qualification level as the existing products. Product Datasheets will remain unchanged.

Method of Identifying Changed Product:

Date Code and Lot code information

Products Affected:

IR Part	Description
62-1036PBF	
62-1038PBF	
62-1044PBF	
62-1047PBF	
94-3342PBF	
94-3626PBF	
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
IRLML0040TRPBF	MOSFET, 40V, 3.6A, 56 mOhm, 2.6 nC Qg, SOT-23
IRLML0060TRPBF	MOSFET, 60V, 2.7A, 92 mOhm, 2.5 nC Qg, SOT-23
IRLML0100TRPBF	MOSFET, 100V, 1.6A, 220 mOhm, 2.5 nC Qg, SOT-23
IRLML2030TRPBF	MOSFET, 30V, 2.7A, 100 mOhm, 1.0 nC Qg, SOT-23
IRLML2060TRPBF	MOSFET, 60V, 1.2A, 480 mOhm, 0.7 nC Qg, SOT-23
IRLML2244TRPBF	MOSFET, P-CHANNEL, -20V, -4.3A, 54 mOhm, -2.5V capable, SOT-23
IRLML2246TRPBF	MOSFET, P-CHANNEL, -20V, -2.6A, 135 mOhm, -2.5V capable, SOT-23
IRLML2402GTRPBF	MOSFET, 20V, 1.2A, 250 mOhm, 2.6 nC Qg, Logic Level, SOT-23, Halogen-free
IRLML2402TRPBF	MOSFET, 20V, 1.2A, 250 mOhm, 2.6 nC Qg, Logic Level, SOT-23
IRLML2502GTRPBF	MOSFET, 20V, 4.2A, 45 mOhm, 8 nC Qg, Logic Level, SOT-23, Halogen-free
IRLML2502TRPBF	MOSFET, 20V, 4.2A, 45 mOhm, 8 nC Qg, Logic Level, SOT-23
IRLML2803GTRPBF	MOSFET, 30V, 1.2A, 250 mOhm, 3.3 nC Qg, Logic Level, SOT-23, Halogen-free
IRLML2803TRPBF	MOSFET, 30V, 1.2A, 250 mOhm, 3.3 nC Qg, Logic Level, SOT-23
IRLML5103GTRPBF	MOSFET, P-Ch, -30V, -0.61A, 600 mOhm, 3.4 nC Qg, Logic Lvl, SOT-23, Halogen-free

IRLML5103TRPBF	MOSFET, P-CHANNEL, -30V, -0.61A, 600 mOhm, 3.4 nC Qg, Logic Level, SOT-23
IRLML5203GTRPBF	MOSFET, P-Ch, -30V, -3A, 98 mOhm, 9.5 nC Qg, Logic Lvl, SOT-23, Halogen-free
IRLML5203TRPBF	MOSFET, P-CHANNEL, -30V, -3A, 98 mOhm, 9.5 nC Qg, Logic Level, SOT-23
IRLML6244TRPBF	MOSFET, 20V, 6.3A, 21 mOhm, 6.9 nC Qg, 2.5V drive capable, SOT-23
IRLML6246TRPBF	MOSFET, 20V, 4.1A, 46 mOhm, 3.5 nC Qg, 2.5V drive capable, SOT-23
IRLML6302GTRPBF	MOSFET, P-Ch, -20V, -0.62A, 600 mOhm, 2.4 nC Qg, Logic Lvl, SOT-23, Halogen-free
IRLML6302TRPBF	MOSFET, P-CHANNEL, -20V, -0.62A, 600 mOhm, 2.4 nC Qg, Logic Level, SOT-23
IRLML6344TRPBF	MOSFET, 20V, 5.0A, 29 mOhm, 2.5V drive capable, SOT-23
IRLML6346TRPBF	MOSFET, 20V, 3.4A, 63 mOhm, 2.5V drive capable, SOT-23
IRLML6401GTRPBF	MOSFET, P-Ch, -12V, -4.3A, 50 mOhm, 10 nC Qg, Logic Lvl, SOT-23, Halogen-free
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
IRLML9301TRPBF	MOSFET, P-CHANNEL, -30V, -3.6A, 64 mOhm, SOT-23
IRLML9303TRPBF	MOSFET, P-CHANNEL, -30V, -2.3A, 165 mOhm, 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

Supporting Data Availability:

Contact IR for supporting data on this change.

Contact Information:

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PCN Coordinator	Abigail Miciano		AMICIAN1@irf.com
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