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Process Change Notification

Date: Tuesday, September 08, 2015
PCR Reference: 497
PCN Reference: 497-PCN30-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:

Power Management Devices– Micro8 FET 1. Bill of Material change for the assembly of Micro8 products in Hana, Thailand.

Description of Change:

The wire material will change from gold to copper

Current Micro8 products use gold wire to provide electrical connection between the package leads and die. The wire material will change from gold to copper but the number of wires will remain the same.

As the result of this change the Bill of Materials and part marking will change as follows:

Material	Current	Proposed
Epoxy	2600AT	ABP8062
Wire	Au	Cu
Mold compound	6600	KMC3510

Underscore on first character – indicates Cu wire



Reason for the Change:

Assembly Materials Consolidation Purposes

Effect Date:

Thursday, October 08, 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 will meet the same parametric and qualification level as the existing product. Product Datasheets will remain unchanged

Method of Identifying Changed Product:

Underscore on first character – indicates Cu wire

Products Affected:

IR Part	Description
62-1023PBF	
IRF7501TRPBF	MOSFET, DUAL N-CHANNEL, 20V, 2.4A, Micro 8
IRF7503TRPBF	MOSFET, DUAL N-CHANNEL, 30V, 2.4A, Micro 8
IRF7504TRPBF	MOSFET, DUAL P-CHANNEL, -20V, 1.7A, Micro 8
IRF7506TRPBF	MOSFET, DUAL P-CHANNEL, -30V, 1.7A, Micro 8
IRF7507PBF	
IRF7507TRPBF	MOSFET, DUAL N/P-CHANNEL, 20V, 2.4A, Micro 8
IRF7509TRPBF	MOSFET, DUAL N/P-CHANNEL, 30V, 2.4A, Micro 8
IRF7530PBF	
IRF7530TRPBF	MOSFET, DUAL N-CHANNEL, 20V, 5.4A, Micro 8
IRF7601PBF	MOSFET, 20V, 5.7A, 35 mOhm, 14 nC Qg, Micro 8
IRF7601TRPBF	MOSFET, 20V, 5.7A, 35 mOhm, 14 nC Qg, Micro 8
IRF7606TRPBF	MOSFET, P-CHANNEL, -30V, -3.6A, 90 mOhm, 20 nC Qg, Micro 8
IRF7607TRPBF	MOSFET, 20V, 6.5A, 30 mOhm, 22 nC Qg, Micro 8
IRF7726TRPBF	MOSFET, P-CHANNEL, -30V, -7A, 26 mOhm, 46 nC Qg, Micro 8

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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