

Process Change Notification

Date: January 20, 2014
PCN Reference: S20402A
PCR Reference: PCR # P-1320-MD-0707

Product Reference: Power Management Devices– Micro6 FET

To Our Valued 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 change:

Type of Change Notification:

1. Bill of Material change for the assembly of Micro6 products in Hana, Thailand
2. MSL upgrade from MSL2 to MSL1

Description of Change:

Current Micro6 devices 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
Wire	Au	Cu
Mold compound	6600	KMC3510



Additional marking as follows:

- Underscore on first character – indicates Cu wire
- Underscore on second character – indicates Halogen-free device



Reason for the Change:

Assembly materials consolidation purposes.

Effect Date:

April 20, 2014

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.

Products Affected:

94-3302PBF
94-3415PBF
IRLMS1503TRPBF
IRLMS1902TRPBF
IRLMS2002GTRPBF
IRLMS2002TRPBF
IRLMS5703TRPBF
IRLMS6702TRPBF
IRLMS6802TRPBF



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.

Data Availability:

Please contact the PCN Coordinator for supporting data.

Contact Information:

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