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Process Change Notification

Date: Friday, April 17, 2015

PCR Reference: 303

PCN Reference: 303-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:

Additional assembly site for SO8 FET products.

Description of Change:

Power Management Devices – SO8 FET Additional assembly site

GEM Shanghai (China) will be the alternate assembly sites for the part numbers identified in the following page. As a result of this change, the Bill of Materials (BOM) will change as follows:

Bill of Materials

Die attach: Ag-epoxy from 2600-series to CT200-series.

Mold compound: From CEL-9000-series to G600-series.

Reason for the Change:

Additional assembly capacity

Effect Date:

Thursday, July 16, 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 for typical applications. The new assembly site will meet the same qualification level as the existing products. Product Datasheets will not be modified.

Method of Identifying Changed Product:

Datecode and Lot code information

Products Affected:

IR Part	Description
IRF7815PBF	MOSFET, 150V, 5A, 44mOhm, 25 nC Qg, SO8
IRF7815TRPBF	MOSFET, 150V, 5A, 44mOhm, 25 nC Qg, SO8
IRF7820PBF	MOSFET, 200V, 3.7A, 78 mOhm, 29 nC Qg, SO-8
IRF7820TRPBF	MOSFET, 200V, 3.7A, 78 mOhm, 29 nC Qg, SO-8
IRF7853PBF	MOSFET, 100V, 8.3A, 18 mOhm, 28 nC Qg, SO-8
IRF7853TRPBF	MOSFET, 100V, 8.3A, 18 mOhm, 28 nC Qg, SO-8
IRF7854TRPBF	MOSFET, 80V, 10A, 13.4 mOhm, 27 nC Qg, SO-8
IRF7855PBF	MOSFET, 60V, 12A, 9.4 mOhm, 26 nC Qg, SO-8
IRF7855TRPBF	MOSFET, 60V, 12A, 9.4 mOhm, 26 nC Qg, SO-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

S21505

Supporting Data Availability:

Contact IR for supporting data on this change.

Contact Information:

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