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Process Change Notification

Date: Monday, October 06, 2014

PCR Reference: 139

PCN Reference: 139-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:

This is an addendum PCN to S20209 Alternate site for the assembly of the D2pak products listed in the following page.

Description of Change:

D2pak MOSFET New site has been qualified as alternate assembly site for D2pak FET products identified in the following page. The Bill of Materials in the new assembly site will be as follows: Die attach : PbSnAg Wire : Aluminum Mold compound : 8300 series Die attach : PbSnAg Wire : Aluminum Mold compound : 8300 series

Reason for the Change:

Additional Assembly Capacity

Effect Date:

Sunday, January 04, 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:

Datecode and Lotcode information

Products Affected:

IR Part	Description
IRFS3004PBF	MOSFET, 40V, 240A, 1.7 mOhm, 160 nC Qg, D2PAK
IRFS3004TRLPBF	MOSFET, 40V, 195A, 1.7 mOhm, 160 nC Qg, D2PAK
IRFS3006PBF	MOSFET, 60V, 270A, 2.5 mOhm, 200 nC Qg, D2-PAK
IRFS3006TRLPBF	MOSFET, 60V, 270A, 2.5 mOhm, 200 nC Qg, D2-PAK
IRFS3107PBF	MOSFET, 75V, 230A, 3 mOhm, 160 nC Qg, D2PAK
IRFS3107TRLPBF	MOSFET, 75V, 230A, 3 mOhm, 160 nC Qg, D2PAK
IRFS4010PBF	MOSFET, 100V, 180A, 4.7 mOhm, 143 nC Qg, D2-PAK
IRFS4010TRLPBF	MOSFET, 100V, 180A, 4.7 mOhm, 143 nC Qg, D2-PAK
IRFS4010TRRPBF	MOSFET, 100V, 180A, 4.7 mOhm, 143 nC Qg, D2-PAK
IRFS4115PBF	MOSFET, 150V, 99A, 12.1 mOhm, 77 nC Qg, D2-Pak
IRFS4115TRLPBF	MOSFET, 150V, 99A, 12.1 mOhm, 77 nC Qg, D2-Pak
IRFS4127PBF	MOSFET, 200V, 76A, 23.2 mOhm, 100 nC Qg, D2-PAK
IRFS4127TRLPBF	MOSFET, 200V, 76A, 23.2 mOhm, 100 nC Qg, D2-PAK
IRLS3034PBF	MOSFET, 40V, 343A, 1.7 mOhm, 108 nC Qg, D2-PAK
IRLS3034TRLPBF	MOSFET, 40V, 343A, 1.7 mOhm, 108 nC Qg, D2-PAK
IRLS3036PBF	MOSFET, 60V, 270A, 2.4 mOhm, 91 nC Qg, Logic Level, D2-Pak
IRLS3036TRLPBF	MOSFET, 60V, 270A, 2.4 mOhm, 91 nC Qg, Logic Level, D2-Pak
IRLS4030PBF	MOSFET, 100V, 180A, 4.3 mOhm, 87 nC Qg, D2-PAK
IRLS4030TRLPBF	MOSFET, 100V, 180A, 4.3 mOhm, 87 nC Qg, D2-PAK

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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