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Process Change Notification

Date: Tuesday, November 11, 2014

PCR Reference: 342

PCN Reference: 342-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:

Qualification of additional wafer source

Description of Change:

Gen 10.7 PCN DPAK D2PAK; IPAK Qualify Tower foundry

Reason for the Change:

Additional manufacturing site

Effect Date:

Monday, February 09, 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:

There will be no impact to the fit, form or function of the parts. There will be no change to the

datasheet parameters.

Method of Identifying Changed Product:

Datecode or lotcode

Products Affected:

IR Part	Description
64-2123PBF	
64-2128PBF	
64-2132PBF	
64-2139PBF	
64-2141PBF	
64-2148PBF	
64-2152PBF	
64-4147PBF	
IRFR3607PBF	MOSFET, 75V, 80A, 9.0 mOhm, 56 nC Qg, D-Pak
IRFR3607TRPBF	MOSFET, 75V, 80A, 9.0 mOhm, 56 nC Qg, D-Pak
IRFR3806PBF	MOSFET, 60V, 43A, 16.2 mOhm, 22 nC Qg, D-Pak
IRFR3806TRPBF	MOSFET, 60V, 43A, 16.2 mOhm, 22 nC Qg, D-Pak
IRFR4510PBF	MOSFET, 100V, 63A, 13.9 mOhm, 54 nC Qg, D-Pak
IRFR4510TRPBF	MOSFET, 100V, 63A, 13.9 mOhm, 54 nC Qg, D-Pak
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
IRFS3206PBF	MOSFET, 60V, 210A, 3 mOhm, 120 nC Qg, D2-Pak
IRFS3206TRRPBF	MOSFET, 60V, 210A, 3 mOhm, 120 nC Qg, D2-Pak
IRFS3207ZPBF	MOSFET, 75V, 170A, 4.1 mOhm, 120 nC Qg, D2-Pak
IRFS3207ZTRRPBF	MOSFET, 75V, 170A, 4.1 mOhm, 120 nC Qg, D2-Pak
IRFS3306PBF	MOSFET, 60V, 160A, 4.2 mOhm, 85 nC Qg, D2-Pak
IRFS3306TRLPBF	MOSFET, 60V, 160A, 4.2 mOhm, 85 nC Qg, D2-Pak
IRFS3307ZPBF	MOSFET, 75V, 120A, 5.8 mOhm, 79 nC Qg, D2-Pak
IRFS3307ZTRLPBF	MOSFET, 75V, 120A, 5.8 mOhm, 79 nC Qg, D2-Pak
IRFS3307ZTRRPBF	MOSFET, 75V, 120A, 5.8 mOhm, 79 nC Qg, D2-Pak
IRFS3607PBF	MOSFET, 75V, 80A, 9.0 mOhm, 56 nC Qg, D2-Pak
IRFS3607TRLPBF	MOSFET, 75V, 80A, 9.0 mOhm, 56 nC Qg, D2-Pak
IRFS3806PBF	MOSFET, 60V, 43A, 16.2 mOhm, 22 nC Qg, D2-Pak
IRFS3806TRLPBF	MOSFET, 60V, 43A, 16.2 mOhm, 22 nC Qg, D2-Pak
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
IRFS4310ZPBF	MOSFET, 100V, 127A, 6 mOhm, 120 nC Qg, D2-Pak
IRFS4310ZTRLPBF	MOSFET, 100V, 127A, 6 mOhm, 120 nC Qg, D2-Pak

IRFS4410ZPBF	MOSFET, 100V, 97A, 9 mOhm, 83 nC Qg, D2-Pak
IRFS4410ZTRLPBF	MOSFET, 100V, 97A, 9 mOhm, 83 nC Qg, D2-Pak
IRFS4510PBF	MOSFET, 100V, 64A, 14.5 mOhm, 50 nC Qg, D2-pak
IRFS4510TRLPBF	MOSFET, 100V, 64A, 14.5 mOhm, 50 nC Qg, D2-pak
IRFU3607PBF	MOSFET, 75V, 80A, 9.0 mOhm, 56 nC Qg, I-Pak
IRFU3607TRL701P	
IRFU3806PBF	MOSFET, 60V, 43A, 16.2 mOhm, 22 nC Qg, I-Pak
IRFU4510PBF	MOSFET, 100V, 63A, 13.9 mOhm, 54 nC Qg, I-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 . Contact IR for supporting data on this change.

Supporting Data Availability:

Contact IR for supporting data on this change.

Contact Information:

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