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Process Change Notification

Date: July 15, 2013
PCN Reference: S20048 IIB
PCR Reference: F13-0010-2
Product Reference: Gen 10.2 MOSFET Fab transfer

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 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:

Fab Transfer

Description of Change:

Qualify VIS foundry

Reason for the Change:

Additional wafer manufacturing site

Effect Date:

October 15, 2013

International Rectifier will consider this change approved and will implement it by the effective date unless specific conditions of acceptance or sample requests are provided in writing within 30 days of receipt of this notice. Please submit conditions of acceptance and sample 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.

Products Affected:

Part	Description
IRL1404ZLPBF	MOSFET, 40V, 200A, 3.1 mOhm, 75 nC Qg, Logic Level, TO-262
IRL1404ZPBF	MOSFET, 40V, 200A, 3.1 mOhm, 75 nC Qg, Logic Level, TO-220AB
IRL1404ZSPBF	MOSFET, 40V, 200A, 3.1 mOhm, 75 nC Qg, Logic Level, D2-Pak
IRL1404ZSTRLPBF	MOSFET, 40V, 200A, 3.1 mOhm, 75 nC Qg, Logic Level, D2-Pak
IRL3705ZLPBF	MOSFET, 55V, 86A, 8 mOhm, 40 nC Qg, Logic Level, TO-262
IRL3705ZPBF	MOSFET, 55V, 86A, 8 mOhm, 40 nC Qg, Logic Level, TO-220AB
IRL3705ZSPBF	MOSFET, 55V, 86A, 8 mOhm, 40 nC Qg, Logic Level, D2-Pak
IRL3705ZSTRLPBF	MOSFET, 55V, 86A, 8 mOhm, 40 nC Qg, Logic Level, D2-Pak
IRLR3705ZPBF	MOSFET, 55V, 89A, 8 mOhm, 44 nC Qg, Logic Level, D-Pak
IRLR3705ZTRPBF	MOSFET, 55V, 89A, 8 mOhm, 44 nC Qg, Logic Level, D-Pak
IRLU3705ZPBF	MOSFET, 55V, 89A, 8 mOhm, 44 nC Qg, Logic Level, I-Pak
IRLR2905ZPBF	MOSFET, 55V, 60A, 13.5 mOhm, 23 nC Qg, Logic Level, D-Pak
IRLR2905ZTRLPBF	MOSFET, 55V, 60A, 13.5 mOhm, 23 nC Qg, Logic Level, D-Pak
IRLR2905ZTRPBF	MOSFET, 55V, 60A, 13.5 mOhm, 23 nC Qg, Logic Level, D-Pak
IRLU2905ZPBF	MOSFET, 55V, 60A, 13.5 mOhm, 23 nC Qg, Logic Level, I-Pak
IRLL024ZPBF	MOSFET, 55V, 5A, 60 mOhm, 7 nC Qg, Logic Level, SOT-223
IRLL024ZTRPBF	MOSFET, 55V, 5A, 60 mOhm, 7 nC Qg, Logic Level, SOT-223
IRLZ44ZLPBF	MOSFET, 55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, TO-262
IRLZ44ZPBF	MOSFET, 55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, TO-220AB
IRLZ44ZSPBF	MOSFET, 55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, D2-Pak
IRLZ44ZSTRLPBF	MOSFET, 55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, D2-Pak
IRLZ44ZSTRRPBF	MOSFET, 55V, 51A, 13.5 mOhm, 24 nC Qg, Logic Level, 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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