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Process Change Notification

Date: Wednesday, July 02, 2014

PCR Reference: 249

PCN Reference: 249-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:

Alternate Bill of Materials.

Description of Change:

Power Management Devices– TO-220 FULLPAK FET The products identified in the following page will be assembled with either of the following mold compound materials: Mold compound: KMC120MK (standard BOM) or KMC4500 (alternate BOM)

Reason for the Change:

Additional assembly capacity with alternate Bill of Materials.

Effect Date:

Tuesday, September 30, 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 alternate Bill of Materials will meet the same qualification level as the existing products. Product Datasheets will remain unchanged.

Products Affected:

IR Part	Description
IRFI1010NPBF	MOSFET, 55V, 44A, 12 mOhm, 86.7 nC Qg, TO-220 FULLPACK
IRFI1310NPBF	MOSFET, 100V, 22A, 36 mOhm, 80 nC Qg, TO-220 FULLPACK
IRFI4020H-117P	MOSFET, DUAL N-CHANNEL, 200V, 9.1A, TO-220 Full-Pak 5-Pin
IRFI4024H-117P	MOSFET, DUAL N-CHANNEL, 55V, 11A, TO-220 Full-Pak 5-Pin
IRFI4212H-117P	MOSFET, DUAL N-CHANNEL, 100V, 11A, TO-220 Full-Pak 5-Pin
IRFI4227PBF	MOSFET, 200V, 26A, 22 mOhm, 73 nC Qg, TO-220 FULLPACK
IRFI4228PBF	MOSFET, 150V, 34A, 16 mOhm, 73 nC Qg, TO-220 FULLPACK
IRFI4229PBF	MOSFET, 250V, 19A, 46 mOhm, 73 nC Qg, TO-220 FULLPACK
IRFI4321PBF	MOSFET, 150V, 34A, 16 mOhm, 73 nC Qg, TO-220 FULLPACK
IRFI4410ZPBF	MOSFET, 100V, 65A, 9.3mOhm, 83 nC Qg, TO-220 fullpak
IRFI530NPBF	MOSFET, 100V, 11A, 110 mOhm, 29.3 nC Qg, TO-220 FULLPACK
IRFIB41N15DPBF	MOSFET, 150V, 41A, 45 mOhm, 72 nC Qg, TO-220 FULLPACK
IRFIZ44NPBF	MOSFET, 55V, 28A, 24 mOhm, 43.3 nC Qg, TO-220 FULLPACK
IRFIZ48NPBF	MOSFET, 55V, 36A, 16 mOhm, 59.3 nC Qg, TO-220 FULLPACK
IRLI2910PBF	MOSFET, 100V, 27A, 26 mOhm, 93.3 nC Qg, Logic Level, TO-220 FULLPACK
IRLI3803PBF	MOSFET, 30V, 67A, 6 mOhm, 93.3 nC Qg, Logic Level, TO-220 FULLPACK
IRLI520NPBF	MOSFET, 100V, 7.7A, 180 mOhm, 13.3 nC Qg, Logic Level, TO-220 FULLPACK
IRLI530NPBF	MOSFET, 100V, 11A, 100 mOhm, 22.7 nC Qg, Logic Level, TO-220 FULLPACK
IRLIZ34NPBF	MOSFET, 55V, 20A, 35 mOhm, 16.7 nC Qg, Logic Level, TO-220 FULLPACK
IRLIZ44NPBF	MOSFET, 55V, 28A, 22 mOhm, 32 nC Qg, Logic Level, TO-220 FULLPACK

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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PCN Coordinator	Mark Ogden		mogden1@irf.com
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