



101 North Sepulveda Boulevard, El Segundo, California, 90245, USA Telephone: +1 310 726 8000 www.irf.com

Process Change Notification

Date: Thursday, July 24, 2014

PCR Reference: 288

PCN Reference: 288-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 PQFN 5x6 Cu Clip products

Description of Change:

PQFN 5x6 Cu Clip products ASE-Weihai (China) will be the alternate assembly site for the part numbers identified in the following table. BOM Die attach : PbSnAg Wire : Cu wire Source interconnect : Cu Clip Mold compound : G700 Leadfinish : MatteTin

Reason for the Change:

Assembly capacity expansion

Effect Date:

Wednesday, October 22, 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 new assembly site will meet the same parametric and qualification level and package outline as the existing products. Product Datasheets will remain unchanged.

Products Affected:

IR Part	Description
62-0215PBF	
IRFH5004TRPBF	MOSFET, 40V, 100A, 2.6 mOhm, 73 nC Qg, PQFN
IRFH5006TRPBF	MOSFET, 60V, 100A, 4.1mOhm, 67 nC Qg, PQFN5x6
IRFH5007TRPBF	MOSFET, 70V, 100A, 5.9mOhm, 65 nC Qg, PQFN5x6
IRFH5250DTRPBF	MOSFET, 25V FETky, 100A, 1.4 mOhm, 39 nC Qg, PQFN
IRFH5250TRPBF	MOSFET, 25V, 100A, 1.15 mOhm, 52 nC Qg, PQFN 5x6
IRFH5300TRPBF	MOSFET, 30V, 100A, 1.4 mΩ max, 50 nC Qg, PQFN 5x6
IRFH6200TRPBF	MOSFET, 20V, 100A, 1.2 mOhm, 155 nC Qg, 2.5V drive capable, PQFN5x6
IRFH8202TRPBF	
IRFH8307TRPBF	
IRLH5030TRPBF	MOSFET, 100V, 100A, 9.0 mOhm max, 44 nC Qg, PQFN, Logic Level
IRLH5034TRPBF	MOSFET, 40V, 100A, 2.4 mOhm max, 43 nC Qg, PQFN 5x6, Logic Level
IRLH5036TRPBF	MOSFET, 60V, 100A, 4.4 mOhm max, 44 nC Qg, PQFN 5x6, Logic Level

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:

CONTACT TYPE	NAME	PHONE	EMAIL
PCN Coordinator	Mark Ogden		mogden1@irf.com
Technical	Mario Dolores		mdolore1@irf.com