

Process Change Notification

Date: Thursday, April 02, 2015

PCR Reference: 335

PCN Reference: 335-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:

Dpak FET Products-Alternate site for the assembly

Description of Change:

New site in Shanghai China has been qualified as the alternate assembly site for Dpak FET products

New site in Shanghai China has been qualified as the alternate assembly site for Dpak FET products

Bill of Materials

Material	G1 China (Current site)	G2 China (Proposed site)	Impact on Form, Fit or Function
Leadframe	Bare Cu	Bare Cu	None
Die Attach	PbSnAg	PbSnAg	None
Wire	Al	Al	None
Mold compound	KMC2110	KMC2110	None
Terminal Finish	Leadfinish	Leadfinish	None

Reason for the Change:

Additional assembly capacity

Effect Date:

Wednesday, July 01, 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, MSL and Qualification level as the existing products. Product Datasheets will remain unchanged

Method of Identifying Changed Product:

Date code and Lot code information

Products Affected:

IR Part	Description
94-2995PBF	
IRFR5305PBF	MOSFET, P-CHANNEL, -55V, -28A, 65 mOhm, 42 nC Qg, D-Pak
IRFR5305TRLPBF	MOSFET, P-CHANNEL, -55V, -28A, 65 mOhm, 42 nC Qg, D-Pak
IRFR5305TRPBF	MOSFET, P-CHANNEL, -55V, -28A, 65 mOhm, 42 nC Qg, D-Pak
IRFR5305TRRPBF	
IRFR5410PBF	MOSFET, P-CHANNEL, -100V, 13A, 205 mOhm, 38.7 nC Qg, D-Pak
IRFR5410TRLPBF	MOSFET, P-CHANNEL, -100V, 13A, 205 mOhm, 38.7 nC Qg, D-Pak
IRFR5410TRPBF	MOSFET, P-CHANNEL, -100V, 13A, 205 mOhm, 38.7 nC Qg, D-Pak
IRFR5410TRRPBF	MOSFET, P-CHANNEL, -100V, 13A, 205 mOhm, 38.7 nC Qg, D-Pak
IRFR5505PBF	MOSFET, P-CHANNEL, -55V, -18A, 110 mOhm, 21.3 nC Qg, D-Pak
IRFR5505TRLPBF	MOSFET, P-CHANNEL, -55V, -18A, 110 mOhm, 21.3 nC Qg, D-Pak
IRFR5505TRPBF	MOSFET, P-CHANNEL, -55V, -18A, 110 mOhm, 21.3 nC Qg, D-Pak
IRFR6215PBF	MOSFET, P-CHANNEL, -150V, 13A, 580 mOhm, 44 nC Qg, D-Pak
IRFR6215TRLPBF	MOSFET, P-CHANNEL, -150V, 13A, 580 mOhm, 44 nC Qg, D-Pak
IRFR6215TRPBF	MOSFET, P-CHANNEL, -150V, 13A, 580 mOhm, 44 nC Qg, D-Pak
IRFR6215TRRPBF	MOSFET, P-CHANNEL, -150V, 13A, 580 mOhm, 44 nC Qg, D-Pak
IRFR9024NCTRPBF	
IRFR9024NPBF	MOSFET, P-CHANNEL, -55V, 11A, 175 mOhm, 12.7 nC Qg, D-Pak
IRFR9024NTRLPBF	MOSFET, P-CHANNEL, -55V, 11A, 175 mOhm, 12.7 nC Qg, D-Pak
IRFR9024NTRPBF	MOSFET, P-CHANNEL, -55V, 11A, 175 mOhm, 12.7 nC Qg, D-Pak
IRFR9024NTRRPBF	MOSFET, P-CHANNEL, -55V, 11A, 175 mOhm, 12.7 nC Qg, D-Pak
IRFR9120NPBF	MOSFET, P-CHANNEL, -100V, -6.5A, 480 mOhm, 18 nC Qg, D-Pak
IRFR9120NTRLPBF	MOSFET, P-CHANNEL, -100V, -6.5A, 480 mOhm, 18 nC Qg, D-Pak

IRFR9120NTRPBF	MOSFET, P-CHANNEL, -100V, -6.5A, 480 mOhm, 18 nC Qg, D-Pak
IRLR9343PBF	MOSFET, P-CHANNEL, -55V, -20A, 105 mOhm, 31 nC Qg, Logic Level, D-Pak
IRLR9343TRLPBF	
IRLR9343TRPBF	MOSFET, P-CHANNEL, -55V, -20A, 105 mOhm, 31 nC Qg, Logic Level, D-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:

CONTACT TYPE	NAME	PHONE	EMAIL
Technical	Mario Dolores		mdolore1@irf.com
PCN Coordinator	Mark Ogden		mogden1@irf.com
PCN Coordinator	Abigail Miciano		AMICIAN1@irf.com