

Process Change Notification

Date: May 14, 2013
PCN Reference: F13-0006
PCR Reference: F13-0006
Product Reference: Energy Saving Products – Alternate Source IGBT DIE
in IGBT Discrete Products

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 change:

Type of Change Notification:

Alternate Source for IGBT die used in Discrete Packaged Products.

Description of Change:

Release of additional wafer fabrication facility as an alternate source for the production of IGBT silicon power die for intended use in packaged Copack and non-Copak IGBT products.

Material	Current	Future
Chip Assembly	IR & qualified subsidiaries	Unchanged
IGBT chips	IR & qualified subsidiaries	IR and secondary fab

Reason for the Change:

Release of secondary facility as an alternate source to guarantee secure supply and additional capacity of IGBT die used in IR IGBT Copack and Non-Copak products.



Effect Date:

August 13, 2013

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:

Form, fit, function and product datasheets remains unchanged.

Products Affected:

IR Part Number	IR Part Description
IRGB4045DPBF	IGBT COPAK -220
IRGB4056DPBF	IGBT COPAK -220
IRGB4059DPBF	IGBT COPAK -220
IRGB4060DPBF	IGBT COPAK -220
IRGB4061DPBF	IGBT COPAK -220
IRGB4062DPBF	IGBT COPAK -220
IRGB4064DPBF	IGBT COPAK -220
IRGP4062D-EPBF	IGBT COPAK -247
IRGP4062DPBF	IGBT COPAK -247
IRGP4063D1-EPBF	IGBT COPAK -247
IRGP4063D1PBF	IGBT COPAK -247
IRGP4063D-EPBF	IGBT COPAK -247
IRGP4063DPBF	IGBT COPAK -247
IRGP4066D-EPBF	IGBT COPAK -247
IRGP4066DPBF	IGBT COPAK -247
IRGP4069D-EPBF	IGBT COPAK -247
IRGP4069DPBF	IGBT COPAK -247
IRGP4640D-EPBF	IGBT COPAK -247
IRGP4640DPBF	IGBT COPAK -247
IRGP4650D-EPBF	IGBT COPAK -247
IRGP4650DPBF	IGBT COPAK -247
IRGP4660D-EPBF	IGBT COPAK -247
IRGP4660DPBF	IGBT COPAK -247



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.

Data Availability:

Please contact the PCN Coordinator for supporting data.

Contact Information:

CONTACT TYPE	NAME	PHONE	EMAIL
PCN Coordinator	John Michaelson	951 375-4432	jmichae2@irf.com
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