

## **Process Change Notification**

**Date:** May 15, 2013  
**PCN Reference:** S20222C  
**PCR Reference:** PCR # P-1307-CG-0671  
**Product Reference:** Power Management Devices – SO8 FET

### **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 assembly site and Bill of Materials for the assembly of SO8 FET products.

### **Description of Change:**

GEM (China) has been qualified for the assembly of SO8 devices. As the result of this change, the Bill of Materials will be as follows:

- Equivalent SO8 leadframes to existing assembly sites
- Sumitomo G600-series mold compound
- Kyocera CT-200-series die attach Ag epoxy

### **Reason for the Change:**

Additional assembly capacity

### **Effect Date:**

August 15<sup>th</sup> 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:**

No impact is expected. There will be no change to the product datasheet. The new site will meet the same quality level as the current product.

**Products Affected:**

Part Number	Description
62-0063PBF	MOSFET, 12V, 15A, 8 mOhm, 26 nC Qg, SO-8
62-0126PBF	MOSFET, P-CHANNEL, -20V, -15A, 8.2 mOhm, 87 nC Qg, SO-8
94-3409PBF	MOSFET, 30V, 14A, 14 mOhm, 17 nC Qg, SO-8
IRF7241PBF	MOSFET, P-CHANNEL, -40V, -6.2A, 41 mOhm, 53 nC Qg, SO-8
IRF7241TRPBF	MOSFET, P-CHANNEL, -40V, -6.2A, 41 mOhm, 53 nC Qg, SO-8
IRF7328PBF	MOSFET, DUAL P-CHANNEL, -30V, 8A, SO-8
IRF7328TRPBF	MOSFET, DUAL P-CHANNEL, -30V, 8A, SO-8
IRF7329PBF	MOSFET, DUAL P-CHANNEL, -12V, 9.2A, SO-8
IRF7329TRPBF	MOSFET, DUAL P-CHANNEL, -12V, 9.2A, SO-8
IRF7381TRPBF	12V Single N-Channel HEXFET Power MOSFET in a SO-8 package
IRF7410PBF	MOSFET, P-CHANNEL, -12V, -16A, 7 mOhm, 91 nC Qg, SO-8
IRF7410TRPBF	MOSFET, P-CHANNEL, -12V, -16A, 7 mOhm, 91 nC Qg, SO-8
IRF7450PBF	MOSFET, 200V, 2.5A, 170 mOhm, 26 nC Qg, SO-8
IRF7450TRPBF	MOSFET, 200V, 2.5A, 170 mOhm, 26 nC Qg, SO-8
IRF7451PBF	MOSFET, 150V, 3.6A, 90 mOhm, 28 nC Qg, SO-8
IRF7451TRPBF	MOSFET, 150V, 3.6A, 90 mOhm, 28 nC Qg, SO-8
IRF7458PBF	MOSFET, 30V, 14A, 9 mOhm, 39 nC Qg, SO-8
IRF7458TRPBF	MOSFET, 30V, 14A, 9 mOhm, 39 nC Qg, SO-8
IRF7463PBF	MOSFET, 30V, 13A, 8 mOhm, 34 nC Qg, SO-8
IRF7463TRPBF	MOSFET, 30V, 13A, 8 mOhm, 34 nC Qg, SO-8
IRF7465PBF	MOSFET, 150V, 1.9A, 280 mOhm, 10 nC Qg, SO-8
IRF7465TRPBF	MOSFET, 150V, 1.9A, 280 mOhm, 10 nC Qg, SO-8
IRF7468PBF	MOSFET, 40V, 9A, 15.5 mOhm, 23 nC Qg, SO-8
IRF7468TRPBF	MOSFET, 40V, 9A, 15.5 mOhm, 23 nC Qg, SO-8
IRF7470PBF	MOSFET, 40V, 11A, 13 mOhm, 29 nC Qg, SO-8
IRF7470TRPBF	MOSFET, 40V, 11A, 13 mOhm, 29 nC Qg, SO-8
IRF7475PBF	MOSFET, 12V, 11A, 15 mOhm, 13 nC Qg, SO-8
IRF7475TRPBF	MOSFET, 12V, 11A, 15 mOhm, 13 nC Qg, SO-8
IRF7476PBF	MOSFET, 12V, 15A, 8 mOhm, 26 nC Qg, SO-8
IRF7476TRPBF	MOSFET, 12V, 15A, 8 mOhm, 26 nC Qg, SO-8
IRF7488PBF	MOSFET, 80V, 6.3A, 29 mOhm, 38 nC Qg, SO-8



IRF7488TRPBF	MOSFET, 80V, 6.3A, 29 mOhm, 38 nC Qg, SO-8
IRF7490PBF	MOSFET, 100V, 5.4A, 39 mOhm, 37 nC Qg, SO-8
IRF7490TRPBF	MOSFET, 100V, 5.4A, 39 mOhm, 37 nC Qg, SO-8
IRF7807VD2PBF	MOSFET copack with Schottky, 30V, 8.3A, 25 mOhm, 9.5 nC Qg, SO-8
IRF7807VD2TRPBF	MOSFET copack with Schottky, 30V, 8.3A, 25 mOhm, 9.5 nC Qg, SO-8
SI4435DYPBF	MOSFET, P-CHANNEL, -30V, -8A, 20 mOhm, 40 nC Qg, SO-8
SI4435DYTRPBF	MOSFET, P-CHANNEL, -30V, -8A, 20 mOhm, 40 nC Qg, SO-8

### **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](http://www.irf.com/product-info/reliability).

### **Data Availability:**

Please contact the PCN Coordinator for supporting data.

### **Contact Information:**

<b>CONTACT TYPE</b>	<b>NAME</b>	<b>PHONE</b>	<b>EMAIL</b>
<b>PCN Coordinator</b>	John Michaelson	951 375-4432	<a href="mailto:jmichae2@irf.com">mailto:jmichae2@irf.com</a>
<b>Technical</b>	Cesar Gonzalez	951-375-5215	<a href="mailto:cgonzal1@irf.com">mailto:cgonzal1@irf.com</a>

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