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## **Process Change Notification**

**Date:** July 30, 2013  
**PCN Reference:** S20445  
**PCR Reference:** F13-0003-2  
**Product Reference:** 40V Gen 12.7 D2PAK & TO262 MOSFET

### **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 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 wafer manufacturing site and wafer process

### **Description of Change:**

Qualify Tower foundry as 2nd source for manufacturing products in the following parts list.  
Addition of barrier metal

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

Manufacturing site back-up, metal stack improvement

### **Effect Date:**

October 30, 2013

International Rectifier will consider this change approved and will implement it by the effective date unless specific conditions of acceptance or sample requests are provided in writing within 30 days of receipt of this notice. Please submit conditions of acceptance and sample requests to the PCN coordinator listed at the end of this notice



**Impact of Change:**

There will be no impact to the fit, form, function, quality or reliability of the parts. There will be no change to the datasheet parameters.

**Products Affected:**

PartNo	Descripton
IRFS7437TRLPBF	MOSFET, 40V, 195A, 1.8 mOhm, 150 nC Qg, D2Pak
IRFS7440TRLPBF	MOSFET, 40V, 120A, 2.5 mOhm, 90 nC Qg, D2Pak
IRFS7437PBF	MOSFET, 40V, 195A, 1.8 mOhm, 150 nC Qg, D2Pak
IRFS7437TRL7PP	MOSFET, 40V, 195A, 1.4 mOhm, 150 nC Qg, D2Pak 7 pin
IRFS7437-7PPBF	MOSFET, 40V, 195A, 1.4 mOhm, 150 nC Qg, D2Pak-7 pin
IRFSL7437PBF	MOSFET, 40V, 195A, 1.8 mOhm, 150 nC Qg, TO-262
IRFS7434-7PPBF	MOSFET, 40V, 240A, 1 mOhm, 210 nC Qg, D2-ak 7pin
IRFS7434TRL7PP	MOSFET, 40V, 240A, 1 mOhm, 210 nC Qg, D2-Pak 7-Lead
IRFS7440PBF	MOSFET, 40V, 120A, 2.5 mOhm, 90 nC Qg, D2-Pak
IRFSL7437TRLPBF	MOSFET, 40V, 195A, 1.8 mOhm, 150 nC Qg, TO-262
IRFSL7440PBF	MOSFET, 40V, 120A, 2.5 mOhm, 90 nC Qg, TO-262

**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).

**Supporting Data Availability:**

Contact IR for supporting data on this change.

**Contact Information:**

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