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## Process Change Notification

**Date:** Monday, February 09, 2015

**PCR Reference:** 377

**PCN Reference:** 377-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:

Bill of Materials change for the assembly of TO-247 FET products.

### Description of Change:

Power Management Devices– TO-247 FET -Bill of Materials change - Assembly Material Consolidation

From: SnAgSb

To: Pb/Sn/Ag

### Reason for the Change:

Additional assembly capacity.

### Effect Date:

Sunday, May 10, 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 material will meet the same qualification level as the existing material. Product Datasheets will remain unchanged. This material change will not affect ROHS compliance.

### **Method of Identifying Changed Product:**

Date code and Lot code information

### **Products Affected:**

IR Part	Description
IRFP044NPBF	MOSFET, 55V, 49A, 20 mOhm, 40.7 nC Qg, TO-247AC
IRFP048NPBF	MOSFET, 55V, 62A, 16 mOhm, 59.3 nC Qg, TO-247AC
IRFP054NPBF	MOSFET, 55V, 72A, 12 mOhm, 86.7 nC Qg, TO-247AC
IRFP064NPBF	MOSFET, 55V, 98A, 8 mOhm, 113.3 nC Qg, TO-247AC
IRFP1405PBF	MOSFET, 55V, 160A, 5.3 mOhm, 120 nC Qg, TO-247AC
IRFP140NPBF	MOSFET, 100V, 27A, 52 mOhm, 62.7 nC Qg, TO-247AC
IRFP150NPBF	MOSFET, 100V, 39A, 36 mOhm, 73.3 nC Qg, TO-247AC
IRFP150VPBF	
IRFP250NPBF	MOSFET, 200V, 30A, 75 mOhm, 82 nC Qg, TO-247AC
IRFP260NPBF	MOSFET, 200V, 49A, 40 mOhm, 156 nC Qg, TO-247AC
IRFP2907PBF	MOSFET, 75V, 177A, 4.5 mOhm, 410 nC Qg, TO-247AC
IRFP2907ZPBF	MOSFET, 75V, 170A, 4.5 mOhm, 180 nC Qg, TO-247AC
IRFP3077PBF	MOSFET, 75V, 210A, 3.3 mOhm, 160 nC Qg, TO-247AC
IRFP3306PBF	MOSFET, 60V, 160A, 4.2 mOhm, 85 nC Qg, TO-247AC
IRFP3415PBF	MOSFET, 150V, 43A, 42 mOhm, 144.4 nC Qg, TO-247AC
IRFP3703PBF	MOSFET, 30V, 210A, 2.8 mOhm, 209 nC Qg, TO-247AC
IRFP3710PBF	MOSFET, 100V, 51A, 250 mOhm, 66.7 nC Qg, TO-247AC
IRFP4004PBF	MOSFET, 40V, 350A, 1.7 mOhm, 220 nC Qg, TO-247AC
IRFP4110PBF	MOSFET, 100V, 168A, 4.6 mOhm, 152 nC Qg, TO-247AC
IRFP4310ZPBF	MOSFET, 100V, 127A, 6 mOhm, 120 nC Qg, TO-247AC
IRFP4321PBF	MOSFET, 150V, 78A, 15.5 mOhm, 71 nC Qg, TO-247AC
IRFP4410ZPBF	MOSFET, 100V, 97A, 9 mOhm, 83 nC Qg, TO-247AC
IRFP4468PBF	MOSFET, 100V, 290A, 2.6 mOhm, 360 nC Qg, TO-247AC
IRFP4568PBF	MOSFET, 150V, 171, 5.9mOhm, 151 nC Qg, TO-247AC
IRFP7430PBF	MOSFET, 40V, 195A, 1.4 mOhm, 300 nC Qg, TO-247
IRFP7530PBF	
IRFP7537PBF	
IRFP90N20DPBF	MOSFET, 200V, 94A, 23 mOhm, 180 nC Qg, TO-247AC
IRFP9140NPBF	MOSFET, P-CHANNEL, -100V, -21A, 117 mOhm, 64.7 nC Qg, TO-247AC
IRLP3034PBF	MOSFET, 40V, 327A, 1.7 mOhm, 108 nC Qg, TO221

### **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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