

## **Process Change Notification**

**Date:** April 2, 2013  
**PCN Reference:** S20209C  
**PCR Reference:** P-1242-MD-0642.1  
**Product Reference:** D2pak 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 change:

### **Type of Change Notification:**

Alternate site for the assembly of the product listed in the following page.

### **Description of Change:**

SP Semiconductor (Korea) has been qualified as alternate assembly site for the D2pak FET products identified in the following page. The Bill of Materials in the new assembly site will be as follows:

- Equivalent D2Pak leadframe in existing assembly site
- Samsung SG-8300-series mold compound
- PbSnAg die attach solder

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

Additional assembly capacity

### **Effect Date:**

July 2, 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. The new assembly site and bill of materials will meet the same parametric and qualification level as the existing products.

## **Products Affected:**

94-2503PBF	IRF2807STRRPBF	IRFS4020TRLPBF	IRFZ48NSPBF
IRF1010ESPBF	IRF2903ZSPBF	IRFS41N15DPBF	IRFZ48NSTRLPBF
IRF1010ESTRLPBF	IRF3205SPBF	IRFS4227PBF	IRFZ48VSPBF
IRF1010NSPBF	IRF3205STRLPBF	IRFS4227TRLPBF	IRL1004SPBF
IRF1010NSTRLPBF	IRF3205STRRPBF	IRFS4228PBF	IRL1004STRLPBF
IRF1010NSTRRPBF	IRF3315SPBF	IRFS4228TRLPBF	IRL1004STRRPBF
IRF1018ESPBF	IRF3315STRLPBF	IRFS4310ZPBF	IRL1404SPBF
IRF1018ESTRLPBF	IRF3315STRRPBF	IRFS4310ZTRLPBF	IRL1404STRLPBF
IRF1104SPBF	IRF3415SPBF	IRFS4321PBF	IRL1404ZSPBF
IRF1104STRLPBF	IRF3415STRLPBF	IRFS4321TRLPBF	IRL1404ZSTRLPBF
IRF1310NSPBF	IRF3415STRRPBF	IRFS4321TRRPBF	IRL2505SPBF
IRF1310NSTRLPBF	IRF3515SPBF	IRFS4410ZPBF	IRL2505STRLPBF
IRF1310NSTRRPBF	IRF3515STRRPBF	IRFS4410ZTRLPBF	IRL2910SPBF
IRF1324SPBF	IRF3708SPBF	IRFS4615PBF	IRL2910STRLPBF
IRF1324STRLPBF	IRF3710SPBF	IRFS4615TRLPBF	IRL2910STRRPBF
IRF1404SPBF	IRF3710STRLPBF	IRFS4620PBF	IRL3705NSPBF
IRF1404STRLPBF	IRF3710STRRPBF	IRFS4620TRLPBF	IRL3705NSTRLPBF
IRF1404STRRPBF	IRF4104SPBF	IRFS5615PBF	IRL3803SPBF
IRF1404ZSPBF	IRF540NSPBF	IRFS5615TRLPBF	IRL3803STRLPBF
IRF1404ZSTRLPBF	IRF540NSTRLPBF	IRFS5620PBF	IRL3803STRRPBF
IRF1404ZSTRRPBF	IRF540NSTRRPBF	IRFS5620TRLPBF	IRL530NSPBF
IRF1405SPBF	IRFS23N15DPBF	IRFS59N10DPBF	IRL530NSTRLPBF
IRF1405STRLPBF	IRFS3206PBF	IRFZ34NSPBF	IRL530NSTRRPBF
IRF1405STRRPBF	IRFS3206TRRPBF	IRFZ34NSTRLPBF	IRL540NSPBF
IRF1407SPBF	IRFS3207ZPBF	IRFZ34NSTRRPBF	IRL540NSTRLPBF
IRF1407STRLPBF	IRFS3207ZTRRPBF	IRFZ44ESPBF	IRL540NSTRRPBF
IRF1407STRRPBF	IRFS3306PBF	IRFZ44ESTRLPBF	IRLZ34NSPBF

# International Rectifier

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IRF1503SPBF	IRFS3306TRLPBF	IRFZ44ESTRRPBF	IRLZ34NSTRLPBF
IRF1503STRLPBF	IRFS3307ZPBF	IRFZ44NSPBF	IRLZ44NSPBF
IRF2804SPBF	IRFS3307ZTRLPBF	IRFZ44NSTRLPBF	IRLZ44NSTRLPBF
IRF2804STRLPBF	IRFS3307ZTRRPBF	IRFZ44NSTRRPBF	IRLZ44NSTRRPBF
IRF2804STRRPBF	IRFS3607PBF	IRFZ44VSTRLPBF	
IRF2807SPBF	IRFS3607TRLPBF	IRFZ46NSPBF	
IRF2807STRLPBF	IRFS4020PBF	IRFZ46NSTRLPBF	

## **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:**

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