

Process Change Notification

Date: October 5, 2012
PCN Reference: M-11-0002
PCR Reference: M-11-0002
Product Reference: D2-Pak HEXFET & IGBT, and D-Pak IPS & HEXFET 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 manufacturing process steps for assembly of D2-PAK HEXFET & IGBT and D-Pak IPS & HEXFET products.

Description of Change:

International Rectifier has qualified an alternate manufacturing process flow for the products identified in the following pages.

From: **PMC** → **TRIM** → **PLATING** → **LEAD FORM / SINGULATION**
To: **PMC** → **PLATING** → **TRIM** / **LEAD FORM / SINGULATION (integrated)**

Reason for the Change:

Process simplification and reduced assembly cycle time.

Effect Date:

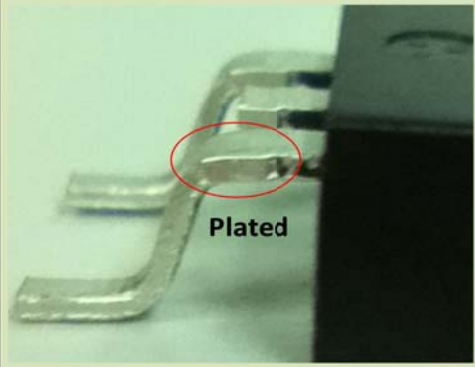
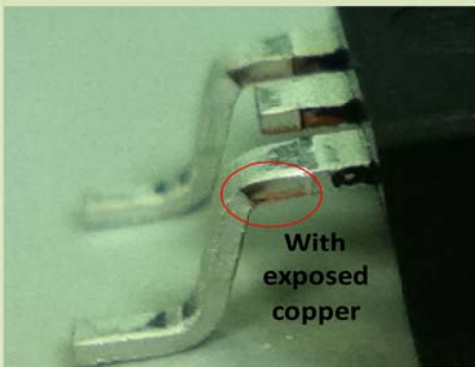
January 5, 2013

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:

There will be no change to the products' datasheet. The alternate assembly process flow will meet the same quality level as the current products.

Product Appearance Differences:

Current Process flow	Propose Process Flow	Differences
 <p>Plated</p>	 <p>With exposed copper</p>	<p>Exposed copper after dambar cut on Trim/Form/Singulation Integration. This condition is similar on lead cut and heatsink cut on the current process flow.</p>

Products Affected:

D2PAK PACKAGED PRODUCTS

IRF1010ESPBF	IRF3007STRLPBF	IRF540ZLPBF	IRFS4620TRLPBF	IRG7S319UPBF
IRF1010ESTRLPBF	IRF3205LPBF	IRF540ZSPBF	IRFS4710	IRG7SC12FPBF
IRF1010EZLPBF	IRF3205SPBF	IRF540ZSTRLPBF	IRFS4710TRL	IRG7SC28UPBF
IRF1010EZSPBF	IRF3205ZLPBF	IRF540ZSTRRPBF	IRFS52N15DPBF	IRG7SC28UTRLPBF
IRF1010NSPBF	IRF3205ZSPBF	IRF6215LPBF	IRFS52N15DTRRP	IRGS10B60KDTRL
IRF1010NSTRLPBF	IRF3205ZSTRLPBF	IRF6215S	IRFS5615PBF	IRGS14C40LPBF
IRF1010NSTRRPBF	IRF3315STRLPBF	IRF6215SPBF	IRFS5615TRLPBF	IRGS14C40LTRL
IRF1010ZLPBF	IRF3315STRRPBF	IRF6215STRLPBF	IRFS5620PBF	IRGS15B60KDPBF
IRF1010ZSPBF	IRF3415S	IRF6218S	IRFS5620TRLPBF	IRGS15B60KPBF
IRF1010ZSTRRPBF	IRF3415STRLPBF	IRF6218SPBF	IRFS59N10DPBF	IRGS4056DPBF
IRF1018ESLPBF	IRF3515S	IRF6218STRL	IRFS59N10DTRR	IRGS4062DTRLPBF
IRF1018ESPBF	IRF3515SPBF	IRF630NLPBF	IRFSL23N20DPBF	IRGS4B60KD1PBF
IRF1018ESTRLPBF	IRF3515STRRPBF	IRF640NLPBF	IRFSL3006PBF	IRGS4B60KD1TRL
IRF1104LPBF	IRF3610SPBF	IRF640NS	IRFSL3206PBF	IRGS4B60KD1TRRP
IRF1104SPBF	IRF3610STRLPBF	IRF640NSTRL	IRFSL3207ZPBF	IRGS4B60KPBF
IRF1104STRLPBF	IRF3704ZCSPBF	IRF640NSTRLPBF	IRFSL3607PBF	IRGS6B60KDPBF
IRF1302S	IRF3704ZSPBF	IRF640NSTRR	IRFSL3806PBF	IRGS6B60KDTRL
IRF1310NLPBF	IRF3707ZLPBF	IRF9520NSPBF	IRFSL4115PBF	IRGS6B60KTRLPBF
IRF1310NS	IRF3708SPBF	IRF9520NSTRRPBF	IRFSL4127PBF	IRGS8B60KTRLPBF

International Rectifier

101 N. Sepulveda Blvd., El Segundo, CA 90245 USA Telephone: +1 310 726 8000 www.irf.com

IRF1310NSTRL	IRF3709SPBF	IRF9530NLPBF	IRFSL4227PBF	IRGSL10B60KDPBF
IRF1310NSTRLPBF	IRF3709STRLPBF	IRF9530NSTRL	IRFSL4310PBF	IRGSL14C40LPBF
IRF1312STRL	IRF3709ZCSTRLP	IRF9530NSTRLPBF	IRFSL4310ZPBF	IRGSL30B60KPBF
IRF1312STRR	IRF3709ZCSTRRP	IRF9540NS	IRFSL4321PBF	IRGSL6B60KDPBF
IRF1324LPBF	IRF3709ZLPBF	IRF9540NSPBF	IRFSL4410PBF	IRL1004SPBF
IRF1324STRLPBF	IRF3710LPBF	IRF9540NSTRL	IRFSL4410ZPBF	IRL1004STRLPBF
IRF1404LPBF	IRF3710STRL	IRF9540NSTRRPBF	IRFSL4610PBF	IRL1404STRLPBF
IRF1404STRRPBF	IRF3710STRRPBF	IRF9Z24NSPBF	IRFZ34NSPBF	IRL1404ZLPBF
IRF1404ZLPBF	IRF3710ZLPBF	IRF9Z24NSTRLPBF	IRFZ34NSTRLPBF	IRL2203NSPBF
IRF1404ZSPBF	IRF3710ZSPBF	IRF9Z34NSPBF	IRFZ44ELPBF	IRL2203NSTRLPBF
IRF1404ZSTRRPBF	IRF3710ZSTRLPBF	IRFS23N15DPBF	IRFZ44ESTRLPBF	IRL2505SPBF
IRF1405LPBF	IRF3710ZSTRRPBF	IRFS23N20DPBF	IRFZ44NLPBF	IRL2703SPBF
IRF1405STRL	IRF3711SPBF	IRFS23N20DTRLP	IRFZ44NSPBF	IRL2910LPBF
IRF1405STRRPBF	IRF3711STRRPBF	IRFS3006PBF	IRFZ44NSTRL	IRL2910SPBF
IRF1405ZLPBF	IRF3711ZSPBF	IRFS3107PBF	IRFZ44VSTRLPBF	IRL3705NSPBF
IRF1405ZSPBF	IRF3805LPBF	IRFS3206PBF	IRFZ44VZSPBF	IRL3705NSTRL
IRF1405ZSTRLPBF	IRF3805S	IRFS3207ZPBF	IRFZ44ZLPBF	IRL3705ZLPBF
IRF1407STRLPBF	IRF3805SPBF	IRFS3207ZTRRPBF	IRFZ46NLPBF	IRL3803STRLPBF
IRF1407STRRPBF	IRF3805STRL	IRFS3307PBF	IRFZ46NSPBF	IRL3803STRRPBF
IRF1503SPBF	IRF3805STRLPBF	IRFS3307TRLPBF	IRFZ46NSTRLPBF	IRL3803VSPBF
IRF2204SPBF	IRF4104SPBF	IRFS33N15DPBF	IRFZ46ZLPBF	IRL520NSPBF
IRF2804LPBF	IRF4905LPBF	IRFS3607PBF	IRFZ46ZSTRLPBF	IRL520NSTRLPBF
IRF2805LPBF	IRF4905S	IRFS38N20DTRLP	IRFZ48NSPBF	IRL530NSPBF
IRF2805SPBF	IRF4905STRL	IRFS38N20DTRRP	IRFZ48VSPBF	IRL540NSPBF
IRF2805STRLPBF	IRF520NSPBF	IRFS4010PBF	IRG4BC15UD-LPBF	IRL540NSTRLPBF
IRF2807SPBF	IRF520NSTRR	IRFS4010TRRPBF	IRG4BC15UD-SPBF	IRL540NSTRRPBF
IRF2807STRLPBF	IRF5210LPBF	IRFS4020PBF	IRG4BC15UDSTRLP	IRL7833SPBF
IRF2807STRR	IRF5210S	IRFS41N15DPBF	IRG4BC20KDSTRLP	IRL7833STRLPBF
IRF2807STRRPBF	IRF5210STRL	IRFS4227PBF	IRG4BC20UD-SPBF	IRLS3034TRLPBF
IRF2807ZLPBF	IRF5305LPBF	IRFS4229PBF	IRG4BC20UDSTRRP	IRLS3036PBF
IRF2807ZSPBF	IRF5305S	IRFS4310	IRG4BC20W-SPBF	IRLS3036TRLPBF
IRF2807ZSTRLPBF	IRF5305STRLPBF	IRFS4310TRL	IRG4BC30FD-SPBF	IRLS4030PBF
IRF2807ZSTRRPBF	IRF530NLPBF	IRFS4321TRLPBF	IRG4BC30KD-SPBF	IRLS4030TRLPBF
IRF2903ZLPBF	IRF530NSTRLPBF	IRFS4410PBF	IRG4BC30S-STRLP	IRLSL4030PBF
IRF2903ZSTRLP	IRF530NSTRRPBF	IRFS4410TRLPBF	IRG4BC30W-STRLP	IRLZ34NLPBF
IRF2907ZLPBF	IRF540NS	IRFS4610TRLPBF	IRG4BC40W-LPBF	IRLZ34NSPBF
IRF2907ZS	IRF540NSTRL	IRFS4615PBF	IRG4BH20K-SPBF	IRF1010EZSTRLP
IRF2907ZSTRLPBF	IRF540NSTRR	IRFS4615TRLPBF	IRG4BH20K-STRLP	IRF1310NSPBF
IRF3007SPBF	IRF540NSTRRPBF	IRFS4620PBF	IRG7S313UTRLPBF	IRF1310NSTRRPBF

IRF1324SPBF	IRF3808SPBF	IRF8010SPBF	IRFS4127PBF	IRG4BC30W-SPBF
IRF1404SPBF	IRF3808STRLPBF	IRF8010STRLPBF	IRFS4127TRLPBF	IRG4BC40W-SPBF
IRF1404STRLPBF	IRF3808STRRPBF	IRF9520NSTRLPBF	IRFS4227TRLPBF	IRG4BC40W-STRRP
IRF1404ZSTRLPBF	IRF4905SPBF	IRF9530NSPBF	IRFS4310PBF	IRG4BH20K-LPBF
IRF1405SPBF	IRF4905STRLPBF	IRF9530NSTRRPBF	IRFS4310TRLPBF	IRGS10B60KDPBF
IRF1405ZSTRRPBF	IRF4905STRRPBF	IRF9540NLPBF	IRFS4310ZPBF	IRGS30B60KPBF
IRF1407SPBF	IRF520NSTRLPBF	IRF9540NSTRLPBF	IRFS4310ZTRLPBF	IRGS30B60KTTRP
IRF2804SPBF	IRF5210SPBF	IRF9Z34NLPBF	IRFS4321TRRPBF	IRGS4062DPBF
IRF2804STRLPBF	IRF5210STRLPBF	IRF9Z34NSTRLPBF	IRFS4410ZTRLPBF	IRGS4064DTRLPBF
IRF2804STRRPBF	IRF5210STRRPBF	IRF9Z34NSTRRPBF	IRFS52N15DTRLP	IRGS6B60KDTRRP
IRF2903ZSPBF	IRF5305SPBF	IRFS23N15DTRLP	IRFSL3306PBF	IRGS6B60KPBF
IRF2907ZSPBF	IRF5305STRRPBF	IRFS23N20DTRRP	IRFSL4010PBF	IRGSL15B60KDPBF
IRF3205STRLPBF	IRF530NSPBF	IRFS3004PBF	IRFZ24NSTRLPBF	IRGSL4062DPBF
IRF3205STRRPBF	IRF540NLPBF	IRFS3004TRLPBF	IRFZ34NSTRRPBF	IRL3103SPBF
IRF3205ZSTRRPBF	IRF540NSPBF	IRFS3006TRLPBF	IRFZ44ZSPBF	IRL3705NSTRLPBF
IRF3315SPBF	IRF540NSTRLPBF	IRFS31N20DPBF	IRFZ48NSTRLPBF	IRL530NSTRLPBF
IRF3415SPBF	IRF6215STRRPBF	IRFS3206TRRPBF	IRFZ48ZSPBF	IRLS3034PBF
IRF3415STRRPBF	IRF6218STRLPBF	IRFS3306TRLPBF	IRG4BC20KD-SPBF	IRLZ24NSTRLPBF
IRF3707ZSPBF	IRF6218STRR	IRFS38N20DPBF	IRG4BC20KDSTRRP	
IRF3709ZSPBF	IRF640NSPBF	IRFS4010TRLPBF	IRG4BC30FDSTRRP	
IRF3710S	IRF640NSTRRPBF	IRFS4115PBF	IRG4BC30KDSTRLP	
IRF3710SPBF	IRF8010LPBF	IRFS4115TRLPBF	IRG4BC30KDSTRRP	

DKAK PACKAGED PRODUCTS

IPS031R	IRFR2307ZTRLPBF	IRFR4104TRLPBF	IRFU4105ZPBF	IRLR7807Z
IPS031RTRL	IRFR2405PBF	IRFR4105TRLPBF	IRFU4510PBF	IRLR7807ZPBF
IPS1011R	IRFR2405TRLPBF	IRFR4105ZPBF	IRFU4620PBF	IRLR7807ZTRLPBF
IPS1011RTRL	IRFR2407PBF	IRFR4105ZTRLPBF	IRFU48ZPBF	IRLR7807ZTRRPBF
IPS1011RTRR	IRFR2407TRLPBF	IRFR4510PBF	IRFU5410PBF	IRLR7821
IPS1021R	IRFR24N15D	IRFR4510TRPBF	IRFU5505	IRLR7821PBF
IPS1021RTRL	IRFR24N15DPBF	IRFR48ZPBF	IRFU5505PBF	IRLR7821TRLPBF
IPS1021RTRR	IRFR24N15DTRPBF	IRFR48ZTRLPBF	IRFU7440PBF	IRLR7821TRRPBF
IPS1031R	IRFR24N15DTRRP	IRFR5305TRLPBF	IRFU7446PBF	IRLR7833TRLPBF
IPS1031RTRL	IRFR2905ZPBF	IRFR540ZTRRPBF	IRFU9024NPBF	IRLR7833TRRPBF
IPS1031RTRR	IRFR2905ZTRLPBF	IRFR5410	IRFU9N20DPBF	IRLR7843
IPS2041RPBF	IRFR2905ZTRPBF	IRFR5410TR	IRLR024NPBF	IRLR7843TRLPBF
IPS2041RTRLPBF	IRFR3303	IRFR5410TRLPBF	IRLR024NTRLPBF	IRLR8103V
IPS2041RTRRPBF	IRFR3303PBF	IRFR5410TRRPBF	IRLR024NTRRPBF	IRLR8103VPBF
IRFR024NPBF	IRFR3303TRLPBF	IRFR5505PBF	IRLR024ZPBF	IRLR8103VTRLPBF
IRFR024NTRLPBF	IRFR3303TRPBF	IRFR5505TR	IRLR024ZTRLPBF	IRLR8113PBF
IRFR024NTRRPBF	IRFR3410PBF	IRFR6215PBF	IRLR024ZTRPBF	IRLR8113TRLPBF
IRFR1010ZPBF	IRFR3410TRLPBF	IRFR6215TRLPBF	IRLR120N	IRLR8113TRPBF

International Rectifier

101 N. Sepulveda Blvd., El Segundo, CA 90245 USA Telephone: +1 310 726 8000 www.irf.com

IRFR1010ZTRL PBF	IRFR3411PBF	IRFR7440PBF	IRLR120NTR	IRLR8256PBF
IRFR1010ZTRPBF	IRFR3411TRL PBF	IRFR7440TRPBF	IRLR120NTRL	IRLR8256TRPBF
IRFR1018EPBF	IRFR3504ZPBF	IRFR7446PBF	IRLR120NTRRPBF	IRLR8259PBF
IRFR1018ETRRPBF	IRFR3504ZTRL PBF	IRFR7446TRPBF	IRLR2703TRL PBF	IRLR8259TRPBF
IRFR1205	IRFR3504ZTRPBF	IRFR812PBF	IRLR2705	IRLR8721TRPBF
IRFR1205TR	IRFR3504ZTRRPBF	IRFR812TRPBF	IRLR2705PBF	IRLR8726PBF
IRFR1205TRL PBF	IRFR3505	IRFR825PBF	IRLR2905PBF	IRLR8726TRPBF
IRFR120N	IRFR3505PBF	IRFR9024NCTRPBF	IRLR2905TRL PBF	IRLR8743PBF
IRFR120NTR	IRFR3505TRL PBF	IRFR9120NPBF	IRLR2905TRRPBF	IRLR9343PBF
IRFR120NTRL	IRFR3505TRPBF	IRFR9N20DTRL PBF	IRLR2905ZPBF	IRLU024ZPBF
IRFR120NTRRPBF	IRFR3518PBF	IRFU024NPBF	IRLR2905ZTRL PBF	IRLU120NPBF
IRFR120ZPBF	IRFR3518TRPBF	IRFU1010ZPBF	IRLR2908TRL PBF	IRLU2703PBF
IRFR120ZTRL PBF	IRFR3704	IRFU1205PBF	IRLR3103TRL PBF	IRLU2905PBF
IRFR12N25D	IRFR3704ZPBF	IRFU120ZPBF	IRLR3105PBF	IRLU2905ZPBF
IRFR13N15D	IRFR3704ZTRRPBF	IRFU13N20DPBF	IRLR3105TRL PBF	IRLU2908PBF
IRFR13N15DPBF	IRFR3707ZCTRPBF	IRFU18N15DPBF	IRLR3110ZTRL PBF	IRLU3103PBF
IRFR13N15DTRL P	IRFR3707ZPBF	IRFU220NPBF	IRLR3110ZTRRPBF	IRLU3105PBF
IRFR13N15DTRPBF	IRFR3708PBF	IRFU2307ZPBF	IRLR3410PBF	IRLU3110ZPBF
IRFR13N15DTRRP	IRFR3708TRL PBF	IRFU2607ZPBF	IRLR3410TRL PBF	IRLU3114ZPBF
IRFR13N20DTRL P	IRFR3708TRPBF	IRFU2905ZPBF	IRLR3636PBF	IRLU3410PBF
IRFR13N20DTRRP	IRFR3709ZCPBF	IRFU3303PBF	IRLR3636TRL PBF	IRLU3636-701TRP
IRFR15N20D	IRFR3709ZCTRPBF	IRFU3411PBF	IRLR3705ZPBF	IRLU3636PBF
IRFR15N20DPBF	IRFR3709ZTRL PBF	IRFU3504ZPBF	IRLR3705ZTRPBF	IRLU3705ZPBF
IRFR15N20DTRL P	IRFR3709ZTRRPBF	IRFU3505PBF	IRLR3714	IRLU3802PBF
IRFR18N15D	IRFR3710Z	IRFU3607-701PBF	IRLR3715ZPBF	IRLU3915PBF
IRFR18N15DPBF	IRFR3710ZTRL PBF	IRFU3607PBF	IRLR3715ZTRPBF	IRLU7833TRR701P
IRFR18N15DTR	IRFR3710ZTRRPBF	IRFU3607TRL701P	IRLR3715ZTRRPBF	IRLU7843PBF
IRFR18N15DTRL P	IRFR3711PBF	IRFU3704ZPBF	IRLR3717TRRPBF	IRLU8256PBF
IRFR18N15DTRPBF	IRFR3711ZPBF	IRFU3707ZPBF	IRLR3802PBF	IRLU8259PBF
IRFR18N15DTRRP	IRFR3806PBF	IRFU3708PBF	IRLR3802TRPBF	IRLU8721-701PBF
IRFR220N	IRFR3806TRPBF	IRFU3709ZPBF	IRLR3915PBF	IRLU8721PBF
IRFR220NTR	IRFR3910	IRFU3711ZPBF	IRLR3915TR	IRLU8726PBF
IRFR220NTRL PBF	IRFR3910TR	IRFU3806PBF	IRLR3915TRPBF	IRLU8729-701PBF
IRFR220NTRRPBF	IRFR4104	IRFU4104PBF	IRLR4132PBF	IRLU8729PBF
IRFR2307ZPBF	IRFR4104PBF	IRFU4105PBF	IRLR4132TRPBF	IRLU9343PBF
IRFR024NTRPBF	IRFR3707ZTRPBF	IRFR5305TRRPBF	IRFU4615PBF	IRLR3410TRPBF
IRFR1018ETRPBF	IRFR3708TRRPBF	IRFR540ZPBF	IRFU5305PBF	IRLR3410TRRPBF
IRFR1205PBF	IRFR3709ZPBF	IRFR540ZTRL PBF	IRFU6215PBF	IRLR3636TRPBF
IRFR1205TRPBF	IRFR3709ZTRPBF	IRFR540ZTRPBF	IRFU9120NPBF	IRLR3714TRPBF
IRFR120NPBF	IRFR3710ZPBF	IRFR5410PBF	IRLR024NTRPBF	IRLR3714ZPBF
IRFR120NTRL PBF	IRFR3710ZTRPBF	IRFR5410TRPBF	IRLR120NPBF	IRLR3714ZTRPBF
IRFR120NTRPBF	IRFR3711TRL PBF	IRFR5505TRL PBF	IRLR120NTRL PBF	IRLR3717PBF
IRFR120ZTRPBF	IRFR3711TRPBF	IRFR5505TRPBF	IRLR120NTRPBF	IRLR3717TRPBF

International Rectifier

101 N. Sepulveda Blvd., El Segundo, CA 90245 USA Telephone: +1 310 726 8000 www.irf.com

IRFR13N20DPBF	IRFR3711ZTRPBF	IRFR6215TRPBF	IRLR2703PBF	IRLR7821TRPBF
IRFR13N20DTRPBF	IRFR3910PBF	IRFR6215TRRPBF	IRLR2703TRPBF	IRLR7833PBF
IRFR15N20DTRPBF	IRFR3910TRLPBF	IRFR825TRPBF	IRLR2705TRLPBF	IRLR7833TRPBF
IRFR220NPBF	IRFR3910TRPBF	IRFR9024NPBF	IRLR2705TRPBF	IRLR7843PBF
IRFR220NTRPBF	IRFR3911TRPBF	IRFR9024NTRLPBF	IRLR2705TRRPBF	IRLR7843TRPBF
IRFR2405TRPBF	IRFR4104TRPBF	IRFR9024NTRPBF	IRLR2905TRPBF	IRLR7843TRRPBF
IRFR2407TRPBF	IRFR4104TRRPBF	IRFR9024NTRRPBF	IRLR2905ZTRPBF	IRLR8103VTRPBF
IRFR2607ZPBF	IRFR4105PBF	IRFR9120NTRLPBF	IRLR2908PBF	IRLR8721PBF
IRFR2607ZTRPBF	IRFR4105TRPBF	IRFR9120NTRPBF	IRLR2908TRPBF	IRLR8743TRPBF
IRFR3410TRPBF	IRFR4105ZTRPBF	IRFR9N20DPBF	IRLR3103PBF	IRLR9343TRLPBF
IRFR3410TRRPBF	IRFR4615PBF	IRFR9N20DTRPBF	IRLR3103TRPBF	IRLR9343TRPBF
IRFR3411TRPBF	IRFR4615TRLPBF	IRFU1018EPBF	IRLR3105TRPBF	IRLU024NPBF
IRFR3607PBF	IRFR4620PBF	IRFU120NPBF	IRLR3110ZPBF	IRLU2705PBF
IRFR3607TRPBF	IRFR4620TRLPBF	IRFU2405PBF	IRLR3110ZTRPBF	IRLU7807ZPBF
IRFR3704TRLPBF	IRFR48ZTRPBF	IRFU2407PBF	IRLR3114ZPBF	IRLU8743PBF
IRFR3704ZTRLPBF	IRFR5305	IRFU3410PBF	IRLR3114ZTRPBF	
IRFR3704ZTRPBF	IRFR5305PBF	IRFU3710ZPBF	IRLR3303PBF	
IRFR3707TRPBF	IRFR5305TRPBF	IRFU3910PBF	IRLR3303TRLPBF	

Data Availability:

Please contact the PCN Coordinator for supporting data.

Qualification:

Reliability qualification report is available upon request.

Contact Information:

CONTACT TYPE	NAME	PHONE	EMAIL
PCN Coordinator	John Michaelson	951 375-4432	mailto:jmichae2@irf.com
Technical	Cesar Gonzalez	951-375-5215	mailto:cgonzall@irf.com