

Dear Customer,

Please find attached our INFINEON Technologies PCN:

## STO-247 IGBT and FET products

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **03 Apr, 2016**.
- Infineon aligns with the widely-recognized JEDEC STANDARD "JESD46", which stipulates:  
"Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change."

Your prompt reply will help Infineon Technologies to assure a smooth and well executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.



On January 13, 2015, Infineon Technologies acquired International Rectifier. The organization and business of former International Rectifier have been integrated into Infineon. That means that customer facing IT tools and processes like PCN, Information Note and Product Discontinuation are being merged consolidated. For further details please visit our website: <http://www.infineon.com/powerfulcombination>

Infineon Technologies AG  
Chairman of the Supervisory Board: Wolfgang Mayrhober  
Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Arunjai Mittal  
Registered Office: Neubiberg  
Commercial Register: München HRB 126492

**Date:** Monday, January 04, 2016  
**PCR Reference:** 328  
**PCN Reference:** 328-PCN90-Public

### To Our Value Customer:

As always we appreciate your use of Infineon Technologies 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:

We would like to express our sincere appreciation for your cooperation regarding the following changes, and Infineon Technologies will work closely with you to support your requirements during this transition.

### Type of Change Notification:

Update Package Outline Dimensions

### Description of Change:

STO-247 IGBT and FET products Update Package Outline Dimensions (POD) drawing on product datasheet.

Super TO-247 POD _rev 3 to 4				
Dimension Symbol	CURRENT POD-Rev 3		PROPOSED POD-Rev 4	
	MILLIMETER		MILLIMETER	
	Min	Max	Min	Max
A	4.50	5.50	4.90	5.10
A1	1.45	2.15	1.70	2.10
A2	1.65	2.35	2.19	2.39
b	1.45	1.60	1.25	1.55
b1	1.40	1.50	1.20	1.50
b2	2.00	2.40	2.00	2.30
b3	1.95	2.35	1.92	2.22
b4	3.00	3.15	2.96	3.52
b5	2.95	3.35	2.90	3.46
c	1.10	1.30	0.86	1.16
c1	0.90	1.10	0.80	1.10
c2	0.65	0.85	0.65	0.85
c3	0.50	0.70	0.50	0.70
D	19.80	20.80	20.16	20.44
D1	15.50	16.10	15.50	15.80
D2	0.70	1.30	0.87	1.17
D3	0.75	1.25	0.80	1.26
E	15.10	16.10	15.20	15.80
E1	13.10	13.90	13.40	13.80
E2	2.25	2.70	1.42	3.23
E3	1.20	1.70	1.20	1.60
E4	2.00	3.00	2.00	3.00
e	5.45 BSC		5.45 BSC	
L	13.80	14.80	13.82	14.58
L1	1.00	1.60	1.10	1.50
L2	3.85	4.25	2.85	3.61
R	2.00	0.00	2.00	3.00

### Reason for the Change:

To update package outline dimensions according to lead frame dimensions and tolerances, and production tool capability.

# Process / Product Change Notification



N° 328-PCN90-Public

## **Effect Date:**

Sunday, April 03, 2016

Infineon Technologies 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. This is only an adjustment of package outline dimension drawing

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

Not applicable

## **Products Affected:**

IFAM Part	Description
63-6026	
IRFPS3810PBF	MOSFET, 100V, 141A, 9 mOhm, 260 nC Qg, TO-274AA
IRFPS3815PBF	MOSFET, 150V, 105A, 15 mOhm, 260 nC Qg, TO-274AA
IRG4PSC71KDPBF	600V UltraFast 8-25 kHz Copack IGBT in a TO-274AA package
IRG4PSC71KPBF	600V UltraFast 8-25 kHz Discrete IGBT in a TO-274AA package
IRG4PSC71UDPBF	600V UltraFast 8-60 kHz Copack IGBT in a TO-274AA package
IRG4PSC71UPBF	600V UltraFast 8-60 kHz Discrete IGBT in a TO-274AA package
IRG4PSH71KDPBF	1200V UltraFast 4-20 kHz Copack IGBT in a TO-274AA package
IRG4PSH71UDPBF	1200V UltraFast 4-20 kHz CoPack IGBT in a TO-274AA package
IRG7PSH50UDPBF	
IRG7PSH54K10DPBF	
IRG7PSH73K10PBF	1200V 220.000A SUPER-247
IRGPS4067DPBF	600V, 1.6V, 120A, Super TO-247, Solar, UPS, Welding
IRGPS40B120UDP	1200V UltraFast 5-40 kHz Copack IGBT in a TO-274AA package
IRGPS40B120UPBF	1200V UltraFast 8-25 kHz Single IGBT in a TO-274AA package
IRGPS46160DPBF	
IRGPS60B120KDP	1200V UltraFast 5-40 kHz Copack IGBT in a TO-274AA package

## **Qualification:**

No qualification is needed for this change

## **Supporting Data Availability:**

Contact Infineon Technologies for supporting data on this change.

## **Contact Information:**

CONTACT TYPE	NAME	PHONE	EMAIL
PCN Coordinator	Mark Ogden	+001-951-375-2334	<a href="mailto:Mark.Ogden@infineon.com">Mark.Ogden@infineon.com</a>