

Dear Customer,

Please find attached our INFINEON Technologies PCN:

**IRS2983/IRS29831 Ton\_Max data-sheet limit change.**

Important information for your attention:

- 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 Mayrhuber  
Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Arunjai Mittal  
Registered Office: Neubiberg  
Commercial Register: München HRB 126492

**Date:** Tuesday, February 02, 2016  
**PCR Reference:** 769  
**PCN Reference:** 769-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:**

Data-sheet limit change.

**Description of Change:**

IRS2983/IRS29831 Ton\_Max data-sheet limit change.

TName	New Data-Sheet Limits			Units
	LSL	Typ	USL	
IHV_CHARGE	3.20	3.77	4.30	mA
IQCC	1.00	1.45	1.90	mA
TON_MIN	143.00	168.66	194.00	ns
TOFF_MIN	2.60	3.12	3.60	us
TON_MAX	18.00	30.00	45.00	us
KMULT	1.800	0.000	2.200	

**Reason for the Change:**

Data-Sheet Improvement - Yield Improvement

**Effect Date:**

Monday, May 02, 2016

**Impact of Change:**

Yield improvement No impact expected on the customer's side.

**Method of Identifying Changed Product:**

NA

**Products Affected:**

# Process / Product Change Notification



N° 769-PCN90-Public

IFAM Part	Description
IRS29831PBF	
IRS2983SPBF	
IRS2983STRPBF	

## **Qualification:**

Not Required

## **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>