

Product / Process Change Notification



N° 2016-089-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Implementation of 300mm wafer diameter and capacity extension for 1200V / 1350V IGBT RCH5 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 **15. November 2016**.
- Infineon aligns with the widely-recognized JEDEC STANDARD "JESD46", which stipulates:
"Lack of acknowledgement 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.

Infineon Technologies AG
Postal Address Headquarters: Am Campeon 1-12, D-85579 Neubiberg, Phone +49 (0)89 234-0
Chairman of the Supervisory Board: Wolfgang Mayrhuber
Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Dr. Helmut Gassel, Jochen Hanebeck
Registered Office: Neubiberg Commercial Register
Amtsgericht München HRB 126492

Product / Process Change Notification



N° 2016-089-A

► Products affected:

Sales Name	SP N°	OPN	Package
IHW20N120R5	SP001150026	IHW20N120R5XKSA1	TO247
IHW20N135R5	SP001078568	IHW20N135R5XKSA1	TO247

► Detailed Change Information:

Subject:

- Implementation of 300mm wafer diameter
- Extension of wafer production capacity

Reason: To ensure continuous deliveries to our customers, the fabrication for above products requires a capacity extension.

Description:

Old

New

■ **Wafer production site**

Infineon Technologies Austria AG, Villach, Austria

Infineon Technologies Austria AG, Villach, Austria

and

and

Infineon Technologies (Kulim) Sdn. Bhd., Malaysia

Infineon Technologies (Kulim) Sdn. Bhd., Malaysia

and

Infineon Technologies Dresden GmbH, Germany

■ **Wafer diameter**

200mm

200mm

and

300mm

■ **Lot number**

VExxxxxx = 200mm production Infineon Villach

VExxxxxx = 200mm production Infineon Villach

and

and

1Exxxxxx = 200mm production Infineon Kulim

1Exxxxxx = 200mm production Infineon Kulim

and

and

PFxxxxxx = 200mm production Infineon Kulim

PFxxxxxx = 200mm production Infineon Kulim

and

ZFxxxxxx = 300mm production Infineon Dresden

Product / Process Change Notification



N° 2016-089-A

► **Product Identification:**

Internal traceability assured via baunumber, lotnumber and date code
External traceability assured via lotnumber printed on Barcode Product Label:

VExxxxxx = 200mm production Infineon Villach

1Exxxxxx = 200mm production Infineon Kulim

PFxxxxxx = 200mm production Infineon Kulim

ZFxxxxxx = 300mm production Infineon Dresden

► **Impact of Change:**

No impact on parameters and reliability as proven via product and technology qualification. Production processes are optimized to meet identical product performance according to already applied Infineon specification.

► **Attachments:**

2_cip16089_a (Final Qualification Report)

► **Time Schedule:**

- Final qualification report:
- First samples available:
- Intended start of delivery:

available

15-October-2016

01-January-2017

If you have any questions, please do not hesitate to contact your local Sales office.