

Product / Process Change Notification



N° 2013-112-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Implementation of 300mm wafer diameter and capacity extension for 1200V IGBT RCH3 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 **31. January 2014**.
- 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.

Disclaimer:

If we do not receive any response within the given time limit we consider this as the acceptance of the PCN.

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SUBJECT OF CHANGE:

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

PRODUCTS AFFECTED:

Type	SP n°	OPN	Package
IHW15N120R3	SP000521590	IHW15N120R3FKSA1	TO247
IHW20N120R3	SP000437702	IHW20N120R3FKSA1	TO247
IHW30N120R3	SP000999768	IHW30N120R3FKSA1	TO247

REASON OF CHANGE:

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

DESCRIPTION OF CHANGE:	OLD	NEW
<ul style="list-style-type: none"> ■ Wafer production site 	Infineon Technologies Austria AG, Villach, Austria and Infineon Technologies (Kulim) Sdn. Bhd., Malaysia	Infineon Technologies Austria AG, Villach, Austria (200mm and 300mm) and Infineon Technologies (Kulim) Sdn. Bhd., Malaysia (200mm)
<ul style="list-style-type: none"> ■ Wafer diameter 	200mm	200mm and 300mm
<ul style="list-style-type: none"> ■ Lot number 	VExxxxxx = 200mm production Infineon Villach and 1Exxxxxx = 200mm production Infineon Kulim	VExxxxxx = 200mm production Infineon Villach and 1Exxxxxx = 200mm production Infineon Kulim and VFxxxxxx = 300mm production Infineon Villach

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
 VFxxxxxx = 300mm production Infineon Villach

TIME SCHEDULE:

■ Final qualification report:	See 2_cip13112_a
■ First samples available:	15-December-2013
■ Start of delivery:	From mid of February 2014 onwards

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ASSESSMENT:

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.

DOCUMENTATION:

2_cip13112_a (Final Qualification Report)