

Product / Process Change Notification



N° 2015-013-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Capacity extension for dedicated OptiMOS™ 25V/30V products by implementation of 300mm wafer diameter at Infineon Villach, Austria

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 **28. January 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.

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 at Infineon Technologies Austria AG

PRODUCTS AFFECTED: See affected product list (1_cip15013_a)

REASON OF CHANGE: Capacity extension to ensure to support increasing customer demand

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

PRODUCT IDENTIFICATION: Internal traceability assured via baunumber, lotnumber and date code

External traceability assured via lotnumber printed on Barcode Product Label (see 3_cip15013_a):

- VFxxxxxx = 300mm production IFX Villach
- VExxxxxx = 200mm production IFX Villach
- 1Exxxxxx = 200mm production IFX Kulim
- PFxxxxxx = 200mm production IFX Kulim

TIME SCHEDULE:

- Final qualification report: available (see 2_cip15013_a)
- First samples available: on demand (lead-time 5 weeks)
- Start of delivery: February 2016

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ASSESSMENT:

NO change on electrical, thermal parameters and reliability as proven via product qualification and characterization.
NO change in existing datasheet parameters
NO change in quality and reliability. Processes are optimized to meet product performance according to already applied Infineon specification.

DOCUMENTATION:

- 1_cip15013_a Affected Product List
- 2_cip15013_a Final Qualification Report
- 3_cip15013_a Customer Information Package (Label comparison)