

Product/process change notification

PCN N° 2023-017-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Capacity extension by introduction of 300mm wafer diameter for dedicated OptiMOS™ 5 30V products at Infineon Technologies Austria AG, Austria for PQFN 3.3x3.3 Source-Down packages

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 **2023-03-13**
- 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 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

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Chairman of the Supervisory Board Dr. Wolfgang Eder

Management Board Jochen Hanebeck (CEO), Constanze Hufenbecher, Dr. Sven Schneider, Andreas Urschitz, Dr. Rutger Wijburg

Registered office Neubiberg Commercial register Amtsgericht München HRB 126492

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► **Products affected**

Please refer to attached affected product list
 “PCN_2023-017-A_[customer-no].pdf”

► **Detailed change information**

Subject Introduction of 300mm wafer diameter at Infineon Technologies Austria AG, Austria for dedicated OptiMOS™5 30V products for PQFN 3.3x3.3 Source Down packages.

Reason Next phase of Front-End capacity expansion by introduction of 300mm wafer diameter to support continuous increasing customer demand.

Description	<u>Old</u>	<u>New</u>
Wafer Production Site and Wafer Test	<ul style="list-style-type: none"> ■ Infineon Technologies Austria AG, Villach, Austria (200mm) 	<ul style="list-style-type: none"> ■ Infineon Technologies Austria AG, Villach, Austria (200mm) <li style="text-align: center;"><i>and</i> ■ Infineon Technologies Austria AG, Villach, Austria (300mm)
Wafer Lot Number	<ul style="list-style-type: none"> ■ VExxxxxx (Villach, 200mm) 	<ul style="list-style-type: none"> ■ Vexxxxxx (Villach,200mm) <li style="text-align: center;"><i>and</i> ■ VFxxxxxx (Villach,300mm)

► **Product identification**

External traceability is assured via wafer lot number on the product barcode label.

► **Impact of change**

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

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► Attachments

"PCN_2023-017-A_[customer-no].pdf" 2_cip23017_a	affected product list qualification report
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► Time schedule

- | | |
|------------------------------|------------|
| ■ Final qualification report | available |
| ■ First samples available | on request |
| ■ Intended start of delivery | 2023-05-01 |

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

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Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
IQE008N03LM5	SP005401191	IQE008N03LM5ATMA1	PG-TSON-8	IQE008N03LM5ATMA1
IQE008N03LM5CG	SP005401196	IQE008N03LM5CGATMA1	PG-TTFN-9	IQE008N03LM5CGATMA1