

# Product / Process Change Notification



N° 2019-003-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

## Capacity extension by introduction of 300mm wafer diameter for dedicated OptiMOS™5 40V & 60V products at Infineon Technologies Dresden, Germany

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 **12<sup>th</sup> September 2019**.
- Infineon aligns with the widely-recognized JEDEC STANDARD “**JEESD46**“, 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  
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Chairman of the Supervisory Board: Dr. Eckart Sünner  
Management Board: Dr. Reinhard Ploss (CEO), Dr. Helmut Gassel, Jochen Hanebeck, Dr. Sven Schneider  
Registered Office: Neubiberg  
Commercial Register: München HRB 126492

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► **Products affected:**

Please refer to attached affected product list 1\_cip19003\_a



► **Detailed Change Information:**

**Subject:** Introduction of 300mm wafer diameter at Infineon Technologies Dresden GmbH.

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

**Description:**

Old

- Infineon Technologies Austria AG, Villach, Austria (200mm)  
*and*
- Infineon Technologies Austria AG, Villach, Austria (300mm)

New

- Infineon Technologies Austria AG, Villach, Austria (200mm)  
*and*
- Infineon Technologies Austria AG, Villach, Austria (300mm)  
*and*
- Infineon Technologies Dresden GmbH, Germany (300mm)

► **Product Identification:**

External traceability: assured via Waferlot number & country of diffusion

The image shows a detailed Infineon product label for OptiMOS™ BSC070N10NS5. The label includes the Infineon logo, a triangle symbol, and various identification numbers and barcodes. A green box highlights the text "Diffused in GERMANY, assembled in MALAYSIA" at the bottom left. Another green box highlights a small empty box at the top center. The label also features a "Level/Temp: 1/260" marking and a QR code at the bottom right.

Infineon  
OptiMOS™  
BSC070N10NS5  
(1P): SP001241596  
(9D): 1819  
(Q): 5000  
(X): 99988284  
Level/Temp: 1/260  
Diffused in GERMANY, assembled in MALAYSIA  
(1T): ZF826004  
CaSeYAPJ1180601  
HAL  
Pb

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## ► 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.

## ► Attachments:

Affected product list 1\_cip19003\_a.xlsx

Qualification Report 2\_cip19003\_a.pdf

## ► Time Schedule:

- |                               |  |
|-------------------------------|--|
| ■ Final qualification report: | available  |
| ■ First samples available:    | on request   |
| ■ Intended start of delivery: | 01-November-2019 or earlier upon customer approval |

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