

# Product/process change notification

PCN N° 2022-004-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

**Capacity extension by introduction of 300mm wafer diameter for dedicated OptiMOS™ 5 25V & 30V products at Infineon Technologies Austria AG, Austria for PG-TISON-8 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 **2022-10-17**
- 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.



On 16 April 2020, Infineon acquired Cypress. We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance. For further details, please visit our website: <https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

## Infineon Technologies AG

Postal address D-81726 München Internet [www.infineon.com](http://www.infineon.com) Headquarters Am Campeon 1-15, D-85579 Neubiberg Phone +49 (0)89 234-0

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

# Product/process change notification

PCN N° 2022-004-A

- **Products affected** Please refer to attached affected product list 1\_cip22004\_a
  
- **Detailed change information**

<b>Subject</b>	Introduction of 300mm wafer diameter at Infineon Technologies Austria AG	
<b>Reason</b>	Next phase of Front-End capacity expansion by introduction of 300mm wafer diameter to support continuous increasing customer demand	
<b>Description</b>	<u>Old</u>	<u>New</u>
<b>Wafer Fab and Test Location</b>	<ul style="list-style-type: none"> <li>▪ Infineon Technologies Austria AG, Villach, Austria (200mm)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Infineon Technologies Austria AG, Villach, Austria (200mm &amp; 300mm)</li> </ul>
<b>Wafer Lot Number</b>	<ul style="list-style-type: none"> <li>▪ VExxxxxx (Villach, 200mm)</li> </ul>	<ul style="list-style-type: none"> <li>▪ VExxxxxx (Villach, 200mm)</li> <li style="padding-left: 20px;"><i>and</i></li> <li>▪ VFxxxxxx (Villach, 300mm)</li> </ul>
  
- **Product identification** External traceability via wafer lot number on product barcode label
  
- **Impact of change**
  - **NO** change on electrical, thermal parameters as proven via product qualification and characterization.
  - **NO** change of existing electrical datasheet parameters.
  - **NO** change in quality and reliability. Processes are optimized to meet product performance according to already applied Infineon specification
  
- **Attachments**

1_cip22004_a	affected product list
2_cip22004_a	qualification report

# Product/process change notification

PCN N° 2022-004-A

## ▪ Time schedule

- |                              |  |
|------------------------------|--|
| ▪ Final qualification report | available  |
| ▪ First samples available    | on request                                       |
| ▪ Intended start of delivery | 2022-11-15 or earlier based on customer approval |

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



**PCN N° 2022-004-A**

Capacity extension by introduction of 300mm wafer diameter for dedicated OptiMOS™5 25V & 30V products at Infineon Technologies Austria AG, Austria for PG-TISON-8 packages

<b>Sales name</b>	<b>SP number</b>	<b>OPN</b>	<b>Package</b>
BSC0910NDI	SP000998052	BSC0910NDIATMA1	PG-TISON-8
BSC0911ND	SP000934746	BSC0911NDATMA1	PG-TISON-8
BSC0921NDI	SP000934748	BSC0921NDIATMA1	PG-TISON-8
BSC0923NDI	SP000934758	BSC0923NDIATMA1	PG-TISON-8
BSC0924NDI	SP000934750	BSC0924NDIATMA1	PG-TISON-8
BSC0925ND	SP000934752	BSC0925NDATMA1	PG-TISON-8
BSC0993ND	SP001586390	BSC0993NDATMA1	PG-TISON-8