

Product/process change notification

PCN N° 2022-016-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 and assembly and test location at Infineon Technologies Wuxi Co., Ltd., China for PG-TDSON-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 **2023-02-09**
- 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_2022-016-A_[customer-no].pdf”

► **Detailed change information**

Subject

- Introduction of 300mm wafer diameter at Infineon Technologies Austria AG, Austria
- Capacity extension at Infineon Technologies Wuxi Co., Ltd., China for PG-TDSON-8 packages

Reason

- Next phase of Front-End capacity expansion by introduction of 300mm wafer diameter to support continuous increasing customer demand
- Implementation of additional assembly site for improved delivery security

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) <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) <i>and</i> ■ VFxxxxxx (Villach,300mm)
Assembly & Final Test location for PG-TDSON-8 packages	<ul style="list-style-type: none"> ■ Infineon Technologies Malaysia Sdn. Bhd., Melaka 	<ul style="list-style-type: none"> ■ Infineon Technologies Malaysia Sdn. Bhd., Melaka <i>and</i> ■ Infineon Technologies Wuxi Co., Ltd., Wuxi
Mould Compound for PG-TDSON-8 packages	<ul style="list-style-type: none"> ■ CEL 1772 	<ul style="list-style-type: none"> ■ CEL 9240

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- ▶ **Product identification** External traceability is assured via wafer lot number and country of assembly 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

- ▶ **Attachments** “pcn_2022-016-A_[customer-no].pdf” affected product list
2_cip22016_a qualification report

- ▶ **Time schedule**

■ Final qualification report	available
■ First samples available	on request
■ Intended start of delivery	2023-03-01

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
BSC0500NSI	SP001288136	BSC0500NSIATMA1	PG-TDSON-8	BSC0500NSIATMA1
BSC0501NSI	SP001288140	BSC0501NSIATMA1	PG-TDSON-8	BSC0501NSIATMA1
BSC0502NSI	SP001288142	BSC0502NSIATMA1	PG-TDSON-8	BSC0502NSIATMA1
BSC0503NSI	SP001288144	BSC0503NSIATMA1	PG-TDSON-8	BSC0503NSIATMA1
BSC0504NSI	SP001288146	BSC0504NSIATMA1	PG-TDSON-8	BSC0504NSIATMA1
BSZ0501NSI	SP001281638	BSZ0501NSIATMA1	PG-TSDSON-8	BSZ0501NSIATMA1
BSZ0503NSI	SP001288156	BSZ0503NSIATMA1	PG-TSDSON-8	BSZ0503NSIATMA1
BSZ0506NS	SP001281636	BSZ0506NSATMA1	PG-TSDSON-8	BSZ0506NSATMA1
BSZ0589NS	SP001586396	BSZ0589NSATMA1	PG-TSDSON-8	BSZ0589NSATMA1