

# Product / Process Change Notification



N° 2018-041-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

## Implementation of 300 mm wafer diameter and capacity extension for 650V TRENCHSTOP™ 5 products in discrete 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 **18-September 2019**.
- 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.

Infineon Technologies AG  
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Chairman of the Supervisory Board: Dr. Wolfgang Eder  
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\_cip18041\_a

► **Detailed Change Information:**

**Subject:** Implementation of 300mm wafer diameter

**Reason:** To ensure continuous deliveries to our customers, the fabrication for above mentioned products requires a capacity extension

<b>Description:</b>	<b><u>Old</u></b>	<b><u>New</u></b>
<b>Wafer diameter</b>	200mm	200mm <b>and</b> 300mm
<b>Wafer production &amp; test site</b>	Infineon Technologies Austria AG, Villach, Austria	<u>200mm:</u> Infineon Technologies Austria AG, Villach, Austria <b>and</b> <u>300mm:</u> Infineon Technologies AG, Dresden, Germany

► **Product Identification:** Internal traceability assured via basic type, lot code and development code.  
External traceability:  
Product Barcode Label / Lot code

► **Impact of Change:** No impact on reliability as proven via product and technology qualification.  
  
Processes are optimized to meet identical product performance according to already applied Infineon specifications.

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## ► Attachments:

Affected product list 1\_cip18041\_a  
Qualification report 2\_cip18041\_a

## ► Time Schedule:

- |                               |   |
|-------------------------------|---|
| ■ Final qualification report: | available                                     |
| ■ First samples available:    | on request                                    |
| ■ Intended start of delivery: | 15-November-2019 or upon approval of customer |

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

**PCN N° 2018-041-A**

Implementation of 300 mm wafer diameter and capacity extension for 650V  
TRENCHSTOP™ 5 products in discrete packages



Sales name	SP number	OPN	Package
IGB15N65S5	SP001502560	IGB15N65S5ATMA1	PG-TO263-3
IGB20N65S5	SP001502564	IGB20N65S5ATMA1	PG-TO263-3
IGB50N65H5	SP001509614	IGB50N65H5ATMA1	PG-TO263-3
IGB50N65S5	SP001502566	IGB50N65S5ATMA1	PG-TO263-3
IGP20N65F5	SP001132998	IGP20N65F5XKSA1	PG-TO220-3
IGP20N65H5	SP001133070	IGP20N65H5XKSA1	PG-TO220-3
IGP30N65F5	SP001133080	IGP30N65F5XKSA1	PG-TO220-3
IGP30N65H5	SP001037772	IGP30N65H5XKSA1	PG-TO220-3
IGP40N65F5	SP000973422	IGP40N65F5XKSA1	PG-TO220-3
IGP40N65H5	SP001001738	IGP40N65H5XKSA1	PG-TO220-3
IGW30N65L5	SP001174472	IGW30N65L5XKSA1	PG-TO247-3
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IGW50N65F5	SP000973426	IGW50N65F5FKSA1	PG-TO247-3
IGW50N65H5	SP001001744	IGW50N65H5FKSA1	PG-TO247-3
IGW75N65H5	SP001257936	IGW75N65H5XKSA1	PG-TO247-3
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IGZ50N65H5	SP001160052	IGZ50N65H5XKSA1	PG-TO247-4
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