

Product/process change notification

PCN N° 2021-090-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Harmonization of frontend sources and technologies for 1700V modules with IGBT3/4 and/or EC3 diodes

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 **2021-11-19**
- 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
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Management Board: Dr. Reinhard Ploss (CEO), Dr. Helmut Gassel, Jochen Hanebeck, Constanze Hufenbecher, Dr. Sven Schneider
Registered Office: Neubiberg
Commercial Register: München HRB 126492

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► Products affected

Please refer to attached affected product list
“pcn_2021-090-A_[customer-no].pdf”

► Detailed change information

Subject Harmonization of frontend sources and technologies for 1700V modules with IGBT3/4 and/or EC3 diodes

Reason Harmonization, capacity extension and increasing security of supply 1700V IGBTs and Diodes. The 12” and 8” wafer manufacturing technology is, State of the Art’ wafer manufacturing technology at Infineon.

Description

<u>Old</u>	<u>New</u>
IGBT: 8 inch: Infineon Technologies Austria AG, Villach, Austria or 8 inch: Infineon Technologies (Kulim) sdn. Bhd., Kulim, Malaysia or 8 inch: Vanguard International Semiconductor Corporation, Hsinchu, Taiwan (dedicated module types) or 12 inch: Infineon Technologies Dresden GmbH, Dresden Germany (dedicated module types)	IGBT: 12 inch: Infineon Technologies Dresden GmbH, Dresden Germany or 8 inch: Vanguard International Semiconductor Corporation, Hsinchu, Taiwan Target production site: 12 inch: Infineon Technologies Dresden GmbH, Dresden Germany

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<u>Old</u>	<u>New</u>
■ Diode: 6 inch: Infineon Technologies Austria AG, Villach, Austria or 8 inch: Infineon Technologies Austria AG, Villach, Austria (dedicated module types) ■	■ Diode: 8 inch: Infineon Technologies Austria AG, Villach, Austria or 8 inch: Infineon Technologies (Kulim) sdn. Bhd., Kulim, Malaysia ■ Target production site: 8 inch: Infineon Technologies (Kulim) sdn. Bhd., Kulim, Malaysia
■ Slightly different internal designs for the dedicated frontend sources (dedicated module types)	■ Harmonized and optimized internal design for all frontend sources
■ Different chip backside metallization	■ Harmonized chip backside metallization

► Product identification

Individual production lot number

► Impact of change

No impact on electrical performance. Quality and reliability verified by qualification. There is no change in form, fit and function. Parallel delivery is possible during the transition period.

► Attachments

Affected product list "pcn_2021-090-A_[customer-no].pdf"

► Time schedule

- Final qualification report
- First samples available
- Intended start of delivery

available

on request

2022-01-01 depending on customer approval

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