

# Product/process change notification

PCN N° 2021-091-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

## Harmonization of frontend sources and technologies for 1700V IHM 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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Chairman of the Supervisory Board: Dr. Wolfgang Eder  
Management Board: Dr. Reinhard Ploss (CEO), Dr. Helmut Gassel, Jochen Hanebeck, Constanze Hufenbecher, Dr. Sven Schneider  
Registered Office: Neubiberg  
Commercial Register: München HRB 126492

# Product/process change notification

**PCN N° 2021-091-A**

► **Products affected**

Please refer to attached affected product list  
 “pcn\_2021-091-A\_[customer-no].pdf”

► **Detailed change information**

**Subject** Harmonization of frontend sources and technologies for 1700V IHM 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>
<ul style="list-style-type: none"> <li>■ 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)</li> </ul>	<ul style="list-style-type: none"> <li>■ IGBT: 8 inch: Infineon Technologies (Kulim) sdn. Bhd., Kulim, Malaysi or 8 inch: Vanguard International Semiconductor Corporation, Hsinchu, Taiwan  Target production site: 8 inch: Infineon Technologies (Kulim) sdn. Bhd., Kulim, Malaysi</li> </ul>
<ul style="list-style-type: none"> <li>■ Diode: 6 inch: Infineon Technologies Austria AG, Villach, Austria</li> </ul>	<ul style="list-style-type: none"> <li>■ Diode: 8 inch: Infineon Technologies (Kulim) sdn. Bhd., Kulim, Malaysia</li> </ul>

► **Product identification**

Individual production lot number

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- ▶ **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\_2021-091-A\_[customer-no].pdf
  
- ▶ **Time schedule**
  - Final qualification report available
  - First samples available on request
  - Intended start of delivery 2022-01-01 depending on customer approval

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

**PCN2021-091-A**

Harmonization of FE sources and technologies for 1700V IHM Modules with IGBT3/4 and/or EC3 Diodes

Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
FZ1600R17HP4_B2	SP001029946	FZ1600R17HP4B2BOSA2	AG-IHMB130	FZ1600R17HP4B2BOSA2
FZ1600R17KE3	SP000100583	FZ1600R17KE3NOSA1	A-IHM130	FZ1600R17KE3NOSA1
FZ2400R17HP4_B29	SP001031900	FZ2400R17HP4B29BOSA2	AG-IHMB190-1	FZ2400R17HP4B29BOSA2
FZ3600R17HE4P	SP001388216	FZ3600R17HE4PHPSA1	AG-IHMB190	FZ3600R17HE4PHPSA1
FZ3600R17HP4_B2	SP001052028	FZ3600R17HP4B2BOSA2	AG-IHMB190	FZ3600R17HP4B2BOSA2