

# Product / Process Change Notification



N° 2016-082-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

**Introduction of additional wafer production site with 12" Wafer diameter for IGBT4 1200V (E4) technology. Furthermore 8" wafer diameter will be introduced for Diode EC4 1200V technology**

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 **05.01.2017**.
- 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: Wolfgang Mayrhuber  
Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Dr. Helmut Gassel, Jochen Hanebeck  
Registered Office: Neubiberg Commercial Register  
Amtsgericht München HRB 126492

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► **Products affected:**

1200V IGBT4 Modules Please refer to attached affected product list 1\_cip16082a

► **Detailed Change Information:**

**Subject:** Introduction of additional wafer production site with  
 - 12" inch (300mm) wafer diameter capability for IGBT Chips and  
 - 8" inch (200mm) wafer diameter for Diode products.

**Reason:** Capacity extension and increasing security of supply 1200V IGBT4 and Diode  
For IGBT products 12" wafer manufacturing technology is meanwhile the established technology at IFX  
For Diodes the 8" wafer manufacturing technology is, State of the Art' wafer manufacturing technology at Infineon. Therefore, the above mentioned products will be shifted from 6" inch wafer diameter to 8" inch wafer diameter.

**Description:**

<u>Old</u>	<u>New</u>
<ul style="list-style-type: none"> <li>■ <b>IGBT</b>  <u>8" inch:</u>                      - Front end Villach/ Austria                      - Front end Kulim/ Malaysia</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>IGBT</b>  <u>8" inch:</u>                      - Front end Villach, Austria                      - Front end Kulim/ Malaysia</li> <li><u>12" inch:</u>                      - Front end Villach/ Austria                      - Front end Dresden/ Germany</li> <li>→Target production site                      front end Dresden/ Germany 12" inch</li> </ul>
<ul style="list-style-type: none"> <li>■ <b>Diode</b>  <u>6" inch:</u>                      - Front end Villach/ Austria</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>Diode</b>  <u>6" inch</u>                      - Front end Villach/ Austria</li> <li><u>8" inch:</u>                      - Front end Villach/ Austria</li> <li>→Target production site                      front end Villach/ Austria 8" inch</li> </ul>

► **Product Identification:**

Individual module material number.  
 See attached list of affected products 1\_cip16082a

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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  
There is no change in the assembly process at Infineon.

► **Attachment:**

Affected product list 1\_cip16082a

► **Time Schedule:**

- |                               |   |
|-------------------------------|---|
| ■ Final qualification report: | On request                                      |
| ■ First samples available:    | On request                                      |
| ■ Intended start of delivery: | 01-May-2017 or directly after customer approval |

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

PCN N° 2016-082-A



Sales Name	SP number	OPN	Package
DDB6U180N16RR	SP001050516	DDB6U180N16RRBPSA1	AG-ECONO2-7-1
DDB6U180N16RR_B11	SP001050522	DDB6U180N16RRB11BPSA1	AG-ECONO2-7-1
DDB6U180N16RR_B37	SP001380612	DDB6U180N16RRB37BOSA1	AG-ECONO2-7-1
DDB6U180N16RRP_B37	SP001185846	DDB6U180N16RRPB37BPSA1	AG-ECONO2-7-1
FF450R12IE4	SP000609746	FF450R12IE4BOSA2	AG-PRIME2-1-1
FF600R12IE4	SP000614706	FF600R12IE4BOSA1	AG-PRIME2-1-1
FF600R12IE4V	SP001124858	FF600R12IE4VBOSA1	AG-PRIME2-1-1
FF600R12ME4A_B11	SP001121234	FF600R12ME4AB11BOSA1	AG-ECONOD-3-3
FF600R12ME4C	SP001064430	FF600R12ME4CBOSA1	AG-ECONOD-3-3
FF600R12ME4C_B11	SP001064438	FF600R12ME4CB11BOSA1	AG-ECONOD-3-3
FF600R12ME4CP	SP001287590	FF600R12ME4CPBPSA1	AG-ECONOD-3-3
FF600R12ME4CP_B11	SP001287596	FF600R12ME4CPB11BPSA1	AG-ECONOD-3-3
FF900R12IE4	SP000614712	FF900R12IE4BOSA1	AG-PRIME2-1-1
FF900R12IE4P	SP001355414	FF900R12IE4PBOSA1	AG-PRIME2-1-1
FF900R12IE4V	SP001124852	FF900R12IE4VBOSA1	AG-PRIME2-1-1
FZ1200R12HE4	SP001172140	FZ1200R12HE4HOSA2	AG-IHMB130-2-1
FZ1200R12HE4P	SP001388226	FZ1200R12HE4PHPSA1	AG-IHMB130-2-1
FZ1800R12HE4_B9	SP001172166	FZ1800R12HE4B9HOSA2	AG-IHMB190-2-1
FZ2400R12HE4_B9	SP001172172	FZ2400R12HE4B9HOSA2	AG-IHMB190-2-1
FZ2400R12HE4P_B9	SP001388298	FZ2400R12HE4PB9HPSA1	AG-IHMB190-2-1
FZ600R12KE4	SP000524460	FZ600R12KE4HOSA1	AG-62MM-2-1
FZ900R12KE4	SP000524466	FZ900R12KE4HOSA1	AG-62MM-2-1
IFF150B12U1E4	SP000651386	IFF150B12U1E4BOMA1	AG-MIPAQ-1-3
IFF300B12N2E4P_B11	SP001141294	IFF300B12N2E4PB11BPSA1	AG-ECONO2-6-2
IFS100B12N3E4_B31	SP000643756	IFS100B12N3E4B31BOSA1	AG-ECONO3-4-1
IFS100B12N3E4_B31	SP000643768	IFS100B12N3E4B31BDLA1	AG-ECONO3-4-1
IFS100B12N3E4_B40	SP001259382	IFS100B12N3E4B40BDLA1	AG-ECONO3-4-1
IFS100B12N3E4P_B11	SP001139976	IFS100B12N3E4PB11BPSA1	AG-ECONO3-4-1
IFS150B12N3E4_B31	SP000643742	IFS150B12N3E4B31BDLA1	AG-ECONO3-4-1
IFS150B12N3E4_B31	SP000643748	IFS150B12N3E4B31BOSA1	AG-ECONO3-4-1
IFS150B12N3E4P_B11	SP001140304	IFS150B12N3E4PB11BPSA1	AG-ECONO3-4-2
IFS150B12N3E4P_B50	SP001482916	IFS150B12N3E4PB50BPSA1	AG-ECONO3-4-2
IFS75B12N3E4_B31	SP000643726	IFS75B12N3E4B31BOSA1	AG-ECONO3-4-1
IFS75B12N3E4_B31	SP000643730	IFS75B12N3E4B31BDLA1	AG-ECONO3-4-1
IFS75B12N3E4_B32	SP000643760	IFS75B12N3E4B32BOSA1	AG-ECONO3-4-1
IFS75B12N3E4_B32	SP000643764	IFS75B12N3E4B32BDLA1	AG-ECONO3-4-1
FF600R12KE4	SP001500368	FF600R12KE4BOSA1	AG-62MM-1-1
FF600R12KE4_E	SP001500374	FF600R12KE4EBOSA1	AG-62MM-1-1
FT150R12KE4_B5	SP000688548	FT150R12KE4B5BDLA1	AG-ECONO2-6-1
IFS100B12N3E4_B39	SP000643734	IFS100B12N3E4B39BOSA1	AG-ECONO3-4-1
FZ1800R12HE4_B9	SP001172118	FZ1800R12HE4B9HDSA2	AG-IHMB190-2-1





