

Product / Process Change Notification



N° 2016-066-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Capacity expansion by implementation of 300mm wafer diameter for CoolMOS™ 650V C7

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 **09. November 2016**.
- 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
Postal Address Headquarters: Am Campeon 1-12, D-85579 Neubiberg, Phone +49 (0)89 234-0
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:** Please refer to 1_cip16066_a

► Detailed Change Information:

Subject:

- Expansion of wafer production capacity.
- Implementation of 300mm wafer diameter.

Reason: Capacity Expansion for 300mm wafer production

Description:	<u>Old</u>	<u>New</u>
■ Wafer production sites with wafer diameter:	Infineon Technologies Austria AG, Villach, Austria (200mm)	Infineon Technologies Austria AG, Villach, Austria (200mm/ 300mm) <i>and</i> Infineon Technologies Dresden GmbH, Germany (300mm)

► **Product Identification:**

1. Internal traceability:
assured via baunumber, lotnumber and date code
2. External traceability:
 - Lotnumber printed on Barcode Product Label:
 - VExxxxxx** = 200mm production
 - ZFxxxxxx** = 300mm production
 - Country of diffusion on Barcode Product Label
 - AT – Austria
 - DE - Germany

► **Impact of Change:** Product Quality and Reliability remains the same as proven by product and wafer technology qualification. Product data sheets with all electrical characteristics remain unchanged. Processes are optimized to meet identical product performance according to the existing Infineon specifications.

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► **Attachments:**

1_cip16066_a.xlsx
2_cip16066_a.pdf

List of affected products
Final qualification report

► **Time Schedule:**

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

01-September-2016

30-September-2016

15 January 2017

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

PCN N° 2016-066-A
Capacity expansion by implementation of 300mm wafer diameter for
CoolMOSTM 650V C7



Sales Name	SP number	OPN	Package
IPA65R045C7	SP001080092	IPA65R045C7XKSA1	PG-TO220-3
IPA65R065C7	SP001080114	IPA65R065C7XKSA1	PG-TO220-3
IPA65R095C7	SP001080126	IPA65R095C7XKSA1	PG-TO220-3
IPA65R125C7	SP001080136	IPA65R125C7XKSA1	PG-TO220-3
IPA65R190C7	SP001080140	IPA65R190C7XKSA1	PG-TO220-3
IPA65R225C7	SP001080144	IPA65R225C7XKSA1	PG-TO220-3
IPD65R190C7	SP000928648	IPD65R190C7ATMA1	PG-TO252-3
IPD65R225C7	SP000929430	IPD65R225C7ATMA1	PG-TO252-3
IPL65R070C7	SP001032720	IPL65R070C7AUMA1	PG-VSON-4
IPL65R099C7	SP001032722	IPL65R099C7AUMA1	PG-VSON-4
IPL65R130C7	SP001032724	IPL65R130C7AUMA1	PG-VSON-4
IPL65R195C7	SP001032726	IPL65R195C7AUMA1	PG-VSON-4
IPL65R230C7	SP001032728	IPL65R230C7AUMA1	PG-VSON-4
IPP65R045C7	SP000929422	IPP65R045C7XKSA1	PG-TO220-3
IPP65R065C7	SP001080100	IPP65R065C7XKSA1	PG-TO220-3
IPP65R095C7	SP001080122	IPP65R095C7XKSA1	PG-TO220-3
IPP65R125C7	SP001080132	IPP65R125C7XKSA1	PG-TO220-3
IPP65R190C7	SP000929426	IPP65R190C7FKSA1	PG-TO220-3
IPP65R225C7	SP000929432	IPP65R225C7XKSA1	PG-TO220-3
IPW65R019C7	SP000928646	IPW65R019C7FKSA1	PG-TO247-3
IPW65R045C7	SP000929412	IPW65R045C7FKSA1	PG-TO247-3
IPW65R065C7	SP001080116	IPW65R065C7XKSA1	PG-TO247-3
IPW65R095C7	SP001080128	IPW65R095C7XKSA1	PG-TO247-3
IPW65R125C7	SP001080138	IPW65R125C7XKSA1	PG-TO247-3
IPW65R190C7	SP001080142	IPW65R190C7XKSA1	PG-TO247-3
IPZ65R019C7	SP001024002	IPZ65R019C7XKSA1	PG-TO247-4
IPZ65R045C7	SP001024004	IPZ65R045C7XKSA1	PG-TO247-4
IPZ65R065C7	SP001080120	IPZ65R065C7XKSA1	PG-TO247-4
IPZ65R095C7	SP001080130	IPZ65R095C7XKSA1	PG-TO247-4