

# Product / Process Change Notification



N° 2016-119-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

## Implementation of 150mm wafer diameter for 650V SiC products in discrete packages TO247, TO220 and TO263.

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 **07. April 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.**"
- This PCN includes a **Product Discontinuation Notice** (JEDEC STANDARD "JESD48") on page 4-6.

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.

Disclaimer:

If we do not receive any response by the date in the PCN above we consider this as the acceptance of the PCN. After the last order date as stated herein, purchase orders related to the unchanged product(s) cannot be accepted.

In case the customer rejects this PCN this PCN shall be considered a product discontinuation notice (PD).

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

# Product / Process Change Notification



N° 2016-119-A

► **Products affected:** Refer to attachment 1\_cip16119\_a

## ► Detailed Change Information:

**Subject:** Implementation of 150mm wafer diameter

**Reason:**

- Ensure continuous deliveries to our customers
- Harmonization of mold compound

**Description:**



**Wafer diameter**

**Old**

100mm

**New**

150mm



**Lot number**

VBxxxxxx = 100mm production  
Infineon Villach

VCxxxxxx = 150mm production  
Infineon Villach



**Mold compound (for products in TO220 and TO263 package)**

KMC 2110 G-7

CEL 9220 HF10 KM



**Trademark (indicated on barcode product label)**

ThinQ™

CoolSiC™

## ► Product Identification:

Internal traceability assured via baunumber, lotnumber and date code.  
External traceability assured via lotnumber printed on Barcode Product Label:

VCxxxxxx = 150mm production Infineon Villach

## ► Impact of Change:

No impact on parameters and reliability as proven via product qualification.

## ► Attachments:

1\_cip16119\_a (Affected product list)  
2\_cip16119\_a (Final Qualification Report)

## ► Time Schedule:

■ Final qualification report:

available

■ First samples available:

20-03-2017 / or: on request

■ Intended start of delivery:

01-06-2017

# Product / Process Change Notification



**N° 2016-119-A**

- Last order date of unchanged product: 31-08-2017
- Last delivery date of unchanged product: 28-02-2018

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

# PRODUCT DISCONTINUATION

PD16119



referring to PCN N° 2016-119-A

■ Last order date of unchanged product:	2017-08-31
■ Last delivery date of unchanged product:	2018-02-28

DISCONTINUED				NEW (REPLACEMENT)			
Device	Ordering Code	OPN	Package	Device	Ordering Code	OPN	Package
IDH02G65C5	SP000854596	IDH02G65C5XKSA1	PG-TO220-2-1	IDH02G65C5	SP001632418	IDH02G65C5XKSA2	PG-TO220-2-1
IDH03G65C5	SP000925196	IDH03G65C5XKSA1	PG-TO220-2-1	IDH03G65C5	SP001633152	IDH03G65C5XKSA2	PG-TO220-2-1
IDH04G65C5	SP000925198	IDH04G65C5XKSA1	PG-TO220-2-1	IDH04G65C5	SP001632402	IDH04G65C5XKSA2	PG-TO220-2-1
IDH05G65C5	SP000925200	IDH05G65C5XKSA1	PG-TO220-2-1	IDH05G65C5	SP001632972	IDH05G65C5XKSA2	PG-TO220-2-1
IDH06G65C5	SP000925202	IDH06G65C5XKSA1	PG-TO220-2-1	IDH06G65C5	SP001632370	IDH06G65C5XKSA2	PG-TO220-2-1
IDH08G65C5	SP000925204	IDH08G65C5XKSA1	PG-TO220-2-1	IDH08G65C5	SP001632368	IDH08G65C5XKSA2	PG-TO220-2-1
IDH09G65C5	SP000925206	IDH09G65C5XKSA1	PG-TO220-2-1	IDH09G65C5	SP001633154	IDH09G65C5XKSA2	PG-TO220-2-1
IDH10G65C5	SP000925208	IDH10G65C5XKSA1	PG-TO220-2-1	IDH10G65C5	SP001632410	IDH10G65C5XKSA2	PG-TO220-2-1
IDH10G65C5Z	SP001128936	IDH10G65C5ZXKSA1	PG-TO220-2-1	IDH10G65C5Z	SP001673846	IDH10G65C5ZXKSA2	PG-TO220-2-1
IDH12G65C5	SP000821244	IDH12G65C5XKSA1	PG-TO220-2-1	IDH12G65C5	SP001595936	IDH12G65C5XKSA2	PG-TO220-2-1

# PRODUCT DISCONTINUATION

PD16119



referring to PCN N° 2016-119-A

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■ Last delivery date of unchanged product:	2018-02-28

CONTINUED				NEW (REPLACEMENT)			
Device	Ordering Code	OPN	Package	Device	Ordering Code	OPN	Package
IDH16G65C5	SP000925210	IDH16G65C5XKSA1	PG-TO220-2-1	IDH16G65C5	SP001632392	IDH16G65C5XKSA2	PG-TO220-2-1
IDH20G65C5	SP000925212	IDH20G65C5XKSA1	PG-TO220-2-1	IDH20G65C5	SP001632412	IDH20G65C5XKSA2	PG-TO220-2-1
IDK02G65C5	SP000930840	IDK02G65C5XTMA1	PG-TO263-2-1	IDK02G65C5	SP001633208	IDK02G65C5XTMA2	PG-TO263-2-1
IDK03G65C5	SP000930842	IDK03G65C5XTMA1	PG-TO263-2-1	IDK03G65C5	SP001633206	IDK03G65C5XTMA2	PG-TO263-2-1
IDK04G65C5	SP000930844	IDK04G65C5XTMA1	PG-TO263-2-1	IDK04G65C5	SP001633202	IDK04G65C5XTMA2	PG-TO263-2-1
IDK05G65C5	SP000930846	IDK05G65C5XTMA1	PG-TO263-2-1	IDK05G65C5	SP001633204	IDK05G65C5XTMA2	PG-TO263-2-1
IDK06G65C5	SP000930848	IDK06G65C5XTMA1	PG-TO263-2-1	IDK06G65C5	SP001632974	IDK06G65C5XTMA2	PG-TO263-2-1
IDK08G65C5	SP000930850	IDK08G65C5XTMA1	PG-TO263-2-1	IDK08G65C5	SP001633198	IDK08G65C5XTMA2	PG-TO263-2-1
IDK09G65C5	SP000930852	IDK09G65C5XTMA1	PG-TO263-2-1	IDK09G65C5	SP001633200	IDK09G65C5XTMA2	PG-TO263-2-1
IDK10G65C5	SP000930854	IDK10G65C5XTMA1	PG-TO263-2-1	IDK10G65C5	SP001633196	IDK10G65C5XTMA2	PG-TO263-2-1
IDK12G65C5	SP000930856	IDK12G65C5XTMA1	PG-TO263-2-1	IDK12G65C5	SP001633194	IDK12G65C5XTMA2	PG-TO263-2-1

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PD16119



referring to PCN N° 2016-119-A

■ Last order date of unchanged product:	2017-08-31
■ Last delivery date of unchanged product:	2018-02-28

ISCONTINUED				NEW (REPLACEMENT)			
Device	Ordering Code	OPN	Package	Device	Ordering Code	OPN	Package
IDW10G65C5	SP000937038	IDW10G65C5FKSA1	PG-TO247-3-41	IDW10G65C5	SP001633164	IDW10G65C5XKSA1	PG-TO247-3-41
IDW12G65C5	SP000937044	IDW12G65C5FKSA1	PG-TO247-3-41	IDW12G65C5	SP001633166	IDW12G65C5XKSA1	PG-TO247-3-41
IDW16G65C5	SP000937048	IDW16G65C5FKSA1	PG-TO247-3-41	IDW16G65C5	SP001632898	IDW16G65C5XKSA1	PG-TO247-3-41
IDW20G65C5	SP000937050	IDW20G65C5FKSA1	PG-TO247-3-41	IDW20G65C5	SP001632900	IDW20G65C5XKSA1	PG-TO247-3-41
IDW20G65C5B	SP001224934	IDW20G65C5BXKSA1	PG-TO247-3-41	IDW20G65C5B	SP001633188	IDW20G65C5BXKSA2	PG-TO247-3-41
IDW24G65C5B	SP001224944	IDW24G65C5BXKSA1	PG-TO247-3-41	IDW24G65C5B	SP001633190	IDW24G65C5BXKSA2	PG-TO247-3-41
IDW30G65C5	SP000937052	IDW30G65C5FKSA1	PG-TO247-3-41	IDW30G65C5	SP001632892	IDW30G65C5XKSA1	PG-TO247-3-41
IDW32G65C5B	SP001224950	IDW32G65C5BXKSA1	PG-TO247-3-41	IDW32G65C5B	SP001633172	IDW32G65C5BXKSA2	PG-TO247-3-41
IDW40G65C5	SP000969582	IDW40G65C5FKSA1	PG-TO247-3-41	IDW40G65C5	SP001632890	IDW40G65C5XKSA1	PG-TO247-3-41
IDW40G65C5B	SP001224952	IDW40G65C5BXKSA1	PG-TO247-3-41	IDW40G65C5B	SP001633192	IDW40G65C5BXKSA2	PG-TO247-3-41