

Product / Process Change Notification



N° 2017-089-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Implementation of 150mm wafer diameter and capacity extension for G5 1200V SiC products in TO252 package.

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 **13th October 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
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:** Refer to attachment 1_cip17089_a

► **Detailed Change Information:**

Subject: Implementation of 150mm wafer diameter

Reason:

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

| Description: | Old | New |
|---|---|---|
| ■ Wafer diameter | 100mm | 150mm |
| ■ Lot number | VBxxxxxx = 100mm production Infineon Villach | VCxxxxxx = 150mm production Infineon Villach |
| ■ Mold compound | 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_cip17089_a (Affected product list)
- 2_cip17089_a (Final Qualification Report)

► **Time Schedule:**

- Final qualification report: available
- First samples available: 01-10-2017
- Intended start of delivery: 01-12-2017

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

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Implementation of 150mm wafer diameter and capacity extension for G5 1200V SiC products in TO252 package.



| Sales Name | SP number | OPN | Package |
|-------------|-------------|------------------|------------|
| IDM02G120C5 | SP001127112 | IDM02G120C5XTMA1 | PG-TO252-2 |
| IDM05G120C5 | SP001127114 | IDM05G120C5XTMA1 | PG-TO252-2 |
| IDM08G120C5 | SP001162122 | IDM08G120C5XTMA1 | PG-TO252-2 |
| IDM10G120C5 | SP001127116 | IDM10G120C5XTMA1 | PG-TO252-2 |