

Product / Process Change Notification



N° 2018-092-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Several Changes affecting products BTS50020-1TAD, BTS50025-1TAD and BTS50010-1TAD.

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 **7th December 2018**.
- 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 4/4.

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: Dr. Eckart Süner
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° 2018-092-A

► **Products affected:** Please refer to attached affected product list 1_cip18092_A

► **Detailed Change Information:**

Subject: Change of wafer fab/test location and change of wafer diameter from 8inch to 12 inch affecting products BTS50020-1TAD, BTS50025-1TAD, BTS50010-1TAD. No change for top chip. Only base-chip affected.

Reason: Due to continuously raising demand for Infineon automotive products we have to implement the well-known front end (FE) location Dresden as new wafer fab location for corresponding power base-chip technology.

| Description: | <u>Old</u> | <u>New</u> |
|---|--|---|
| FE production location for power base-chip technology | <ul style="list-style-type: none"> ■ Infineon Technologies Austria AG, Villach, Austria | <ul style="list-style-type: none"> ■ Infineon Technologies Dresden GmbH, Dresden , Germany |
| Wafer Diameter for power base-chip technology | <ul style="list-style-type: none"> ■ 8 inch | <ul style="list-style-type: none"> ■ 12 inch |
| FE test location for power base-chip technology | <ul style="list-style-type: none"> ■ Infineon Technologies Austria AG, Villach, Austria | <ul style="list-style-type: none"> ■ Infineon Technologies Dresden GmbH, Dresden , Germany |
| Product marking BTS50010-1TAD BTS50020-1TAD BTS50025-1TAD | S50010D S50020D S50025D | S50010D S50020D S50025D |
| Data Sheet | <ul style="list-style-type: none"> ■ Rev 1.1 marking update only | <ul style="list-style-type: none"> ■ Rev 1.2 marking update only |

► **Product Identification:**

- Based on product marking and lot code (see change information above)
- Wafer lot numbers
 - from Villach (old) start with VE.....
 - from Dresden (new) start with ZF.....
- SP number and ordering part number are different.

► **Impact of Change:** No impact on electrical performance. Quality and reliability verified by qualification.
There is no change in form, fit and function.

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► Attachments:

1_cip18092_A Affected product list
4_cip18092_A Data Sheet Update

► Time Schedule:

- Final qualification report: Available
- First samples available: On request
- Intended start of delivery: April 2019 or earlier after customer approval.

Refer to page 4/4:

- Last order date of unchanged product: 01-May-2019
- Last delivery date of unchanged product: 01-November-2019

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

PRODUCT DISCONTINUATION

PD18092



Referring to PCN N° 2018-092-A

| | |
|--|------------|
| ■ Last order date of unchanged product: | 2019-05-01 |
| ■ Last delivery date of unchanged product: | 2019-11-01 |

| DISCONTINUED | | | | NEW (REPLACEMENT) | | | |
|---------------|-------------|-------------------|------------|-------------------|-------------|-------------------|------------|
| Sales name | SP number | OPN | Package | Sales name | SP number | OPN | Package |
| BTS50010-1TAD | SP001401020 | BTS500101TADATMA1 | PG-TO263-7 | BTS50010-1TAD | SP002441316 | BTS500101TADATMA2 | PG-TO263-7 |
| BTS50020-1TAD | SP001474330 | BTS500201TADATMA1 | PG-TO263-7 | BTS50020-1TAD | SP002441318 | BTS500201TADATMA2 | PG-TO263-7 |
| BTS50025-1TAD | SP001430280 | BTS500251TADATMA1 | PG-TO263-7 | BTS50025-1TAD | SP002441320 | BTS500251TADATMA2 | PG-TO263-7 |

PCN 2018-092A

Several Changes affecting RCB1 products BTS50020-1TAD, BTS50025-1TAD
and BTS50010-1TAD.



| Sales Name | SP number | OPN | Package |
|---------------|-------------|-------------------|------------|
| BTS50010-1TAD | SP001401020 | BTS500101TADATMA1 | PG-TO263-7 |
| BTS50020-1TAD | SP001474330 | BTS500201TADATMA1 | PG-TO263-7 |
| BTS50025-1TAD | SP001430280 | BTS500251TADATMA1 | PG-TO263-7 |