

Product / Process Change Notification



N° 2018-007-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Change of Wafer Diameter, Fab and Test Location from 6 inch Villach to 8 inch Kulim affecting TLE4276D V50, TLE4276G V50, TLE4276SV, TLE4276GV and TLE4276DV

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 **12. March 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
Postal Address Headquarters: Am Campeon 1-15, 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:**

| Sales Name | SP N° | OPN | Package |
|--------------|-------------|------------------|------------|
| TLE4276D V50 | SP000306323 | TLE4276DV50ATMA1 | PG-TO252-5 |
| TLE4276G V50 | SP000306743 | TLE4276GV50ATMA1 | PG-TO263-5 |
| | SP000404674 | TLE4276GV50ATMA2 | PG-TO220-5 |
| TLE4276SV | SP000357986 | TLE4276SVAKSA1 | PG-TO220-5 |
| TLE4276GV | SP000306744 | TLE4276GVATMA1 | PG-TO263-5 |
| | SP000357771 | TLE4276GVATMA2 | PG-TO220-5 |
| TLE4276DV | SP000300955 | TLE4276DVATMA1 | PG-TO252-5 |

► **Detailed Change Information:**

Subject: Transfer of wafer fab and test location and change of wafer diameter

Reason: Due to continuously raising demand for Infineon automotive products exceeding the capacity in wafer fab Villach we have to transfer wafer fab and test location to the well-known FE location Kulim.
The 8" wafer manufacturing technology is the state of the art technology at INFINEON. Therefore the above mentioned products will be changed from 6" to 8".

Description:

| | <u>Old</u> | <u>New</u> |
|----------------------------|--|---|
| Wafer Diameter | ■ 6 inch | ■ 8 inch |
| Wafer FAB Location | ■ Infineon Technologies Austria AG, Villach, Austria | ■ Infineon Technologies (Kulim) Sdn. Bhd, Kulim, Malaysia |
| Wafer Test Location | ■ Infineon Technologies Austria AG, Villach, Austria | ■ Infineon Technologies (Kulim) Sdn. Bhd, Kulim, Malaysia |
| SP N° | ■ old SP number | ■ new SP number |

► **Product Identification:**

Wafer lot numbers from Villach start with VExxxxxx and from Kulim with 1Exxxxxx
Traceability assured via date code.
SP and ordering part number is different

► **Impact of Change:**

No impact on electrical performance. Quality and reliability verified by qualification.
There is no change in form, fit and function.

► **Attachments:**

n.a.

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► Time Schedule:

| | |
|--|-----------------|
| ■ Final qualification report: | available |
| ■ First samples available: | on request |
| ■ Intended start of delivery: | 31-July-2018 |
| Refer to page x/xx: | |
| ■ Last order date of unchanged product: | 31-July-2018 |
| ■ Last delivery date of unchanged product: | 31-January-2019 |

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

PRODUCT DISCONTINUATION

PD18007



referring to PCN N° 2018-007-A

| | |
|--|------------|
| ■ Last order date of unchanged product: | 2018-07-31 |
| ■ Last delivery date of unchanged product: | 2019-01-31 |

| DISCONTINUED | | | | NEW (REPLACEMENT) | | | |
|--------------|---------------|------------------|------------|-------------------|---------------|------------------|------------|
| Device | Ordering Code | OPN | Package | Device | Ordering Code | OPN | Package |
| TLE4276D V50 | SP000306323 | TLE4276DV50ATMA1 | PG-TO252-5 | TLE4276D V50 | SP001640596 | TLE4276DV50ATMA2 | PG-TO252-5 |
| TLE4276G V50 | SP000306743 | TLE4276GV50ATMA1 | PG-TO263-5 | TLE4276G V50 | SP001640598 | TLE4276GV50ATMA3 | PG-TO263-5 |
| | SP000404674 | TLE4276GV50ATMA2 | PG-TO220-5 | | SP001640602 | TLE4276GV50ATMA4 | PG-TO220-5 |
| TLE4276SV | SP000357986 | TLE4276SVAKSA1 | PG-TO220-5 | TLE4276SV | SP001640604 | TLE4276SVAKSA2 | PG-TO220-5 |
| TLE4276GV | SP000306744 | TLE4276GVATMA1 | PG-TO263-5 | TLE4276GV | SP001640606 | TLE4276GVATMA3 | PG-TO263-5 |
| | SP000357771 | TLE4276GVATMA2 | PG-TO220-5 | | SP001640608 | TLE4276GVATMA4 | PG-TO220-5 |
| TLE4276DV | SP000300955 | TLE4276DVATMA1 | PG-TO252-5 | TLE4276DV | SP001640592 | TLE4276DVATMA2 | PG-TO252-5 |