

Product/Process Change Notification

N° 2022-088-A

Dear customer,

please find attached our Infineon Technologies AG PCN:

Several changes affecting product TLE4252D

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 2023-04-20.
- 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.”
Notwithstanding the aforesaid individual agreements shall prevail.

Your prompt reply will help Infineon 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

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Products affected

Please refer to attached affected product list PCN_2022-088-A_[customer-no].pdf

Detailed change information

Subject: Several changes affecting product TLE4252D

Reason/Motivation: 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	Old	New
PROCESS - WAFER PRODUCTION: New wafer diameter	150 mm	150 mm AND 200 mm
PROCESS - WAFER PRODUCTION: Move all or parts of production to a different wafer fab site.	Infineon Technologies Austria AG, Villach, Austria	Infineon Technologies Austria AG, Villach, Austria AND Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia
TEST FLOW: Move of all or part of electrical wafer test and/or final test to a different test site	Infineon Technologies Austria AG, Villach, Austria	Infineon Technologies Austria AG, Villach, Austria AND Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia

Product identification

Wafer lot numbers from Villach start with VCxxxxxx.
Wafer lot numbers from Kulim with 1Exxxxxx
No change in SP ordering number

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Anticipated impact of change

Based on the qualification performed, Infineon does not expect any negative impact on quality, function and reliability. No change in form, fit and function expected.

DeQuMa-ID(s): SEM-PW-02 / SEM-PW-13 / SEM-TF-01

Attachments

PCN_2022-088-A_[customer-no].pdf affected product list

Time schedule

Final qualification report	available
First samples available	on request
Intended start of delivery [1]	2023-09-10
Last order date (LOD) [2]	2023-09-10
Last delivery date (LDD) [3]	2024-09-10

[1] Provided date or earlier after customer approval.

[2] Last date where orders for unchanged products will be accepted.

[3] Last date for delivery of unchanged products. Delivery of changed products can be earlier (see Intended start of delivery) and depends on approval.

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

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Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
TLE4252D	SP000300938	TLE4252DATMA1	PG-TO252-5-11	TLE4252DATMA1