

Product/Process Change Notification

N° 2020-093-A2

Dear customer,

please find attached our Infineon Technologies AG PCN:

Several changes affecting product IFX007T

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 2022-04-24.
- 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.



On 16 April 2020, Infineon acquired Cypress.

We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.

For further details, please visit our website:

<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Infineon Technologies AG

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Chairman of the Supervisory Board: Dr. Wolfgang Eder

Management Board: Dr. Reinhard Ploss (CEO), Dr. Helmut Gassel, Jochen Hanebeck, Constanze Hufenbecher, Dr. Sven Schneider

Registered Office: Neubiberg

Commercial Register: München HRB 126492

Product/Process Change Notification

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Products affected

Please refer to attached affected product list PCN_2020-093-A2_[customer-no].pdf

Detailed change information

Subject: Several changes affecting product IFX007T

Reason/Motivation: Due to continuously raising demand for Infineon automotive products exceeding the capacity in wafer fab Regensburg and Villach, the following production strategy will be implemented for the product.
 The wafer production of SPT5 will be transferred from Regensburg to Kulim.
 The wafer production of SFET4 will be transferred from Villach to Kulim.
 Change of wafer diameter for PFET4 from 200mm to 300mm at wafer fab Villach.

Description

Old

New

PROCESS - WAFER PRODUCTION: New wafer diameter	PFET4: wafer diameter 200mm	PFET4: wafer diameter 300mm
PROCESS - WAFER PRODUCTION: Move all or parts of production to a different wafer fab site.	Preassembly of PFET4: Infineon Technologies (Malaysia) Sdn Bhd Malacca, Malaysia Wafer production of SFET4: Infineon Technologies Austria AG, Villach, Austria Wafer production of SPT5: Infineon Technologies AG, Regensburg	Preassembly of PFET4: Infineon Technologies Austria AG, Villach, Austria Wafer production of SFET4: Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia Wafer production of SPT5: Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia
PROCESS - ASSEMBLY: Change of product marking	Without Data Matrix Code (DMC)	With Data Matrix Code (DMC)
EQUIPMENT: Production from a new equipment/tool which uses a different basic technology or which due to its unique form or function can be expected to influence the integrity of the final product	PFET4: Tool park of Villach 200mm SFET4: Tool park of Villach SPT5: Tool park Regensburg	PFET4: Tool park of Villach 300mm SFET 4: Tool park Kulim SPT5: Tool park Kulim

Product identification

Traceability assured via date code.
 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 fit, form and function expected.

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

Attachments

PCN_2020-093-A2_[customer-no].pdf affected product list

Time schedule

Final qualification report	available
First samples available	on request
Intended start of delivery [1]	2022-09-26
Last order date (LOD) [2]	2022-09-26
Last delivery date (LDD) [3]	2023-09-26

[1] provided date or earlier after customer approval

[2] Last time buy volume to be placed latest until LOD

[3] Delivery of new product 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
IFX007T	SP001658846	IFX007TAUMA1	PG-TO263-7-1	IFX007TAUMA1