

Product/Process Change Notification

N° 2022-109-A

Dear customer,

please find attached our Infineon Technologies AG PCN:

Several changes affecting products IPBxP03P4x, IPDxP03P4x and IPPxP03P4x

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 2022-11-14.
- 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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Management Board Jochen Hanebeck (CEO), Constanze Hufenbecher, Dr. Sven Schneider, Andreas Urschitz, Dr. Rutger Wijburg

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Products affected

Please refer to attached affected product list PCN_2022-109-A_[customer-no].pdf

Detailed change information

Subject: Several changes affecting products IPBxP03P4x, IPDxP03P4x and IPPxP03P4x

Reason/Motivation: Due to continuously raising demand for Infineon automotive products exceeding the capacity in Villach on 200mm wafer diameter, we have to extend production to 300mm wafer diameter for PFET4 products IPBxP03P4x, IPDxP03P4x and IPPxP03P4x.

Description	Old	New
DATA SHEET: Correction of data sheet or issue of errata	Datasheet Rev. 1.0	Datasheet Rev. 1.1
PROCESS - WAFER PRODUCTION: New wafer diameter	Infineon Technologies Austria AG, Villach, Austria, 200mm	Infineon Technologies Austria AG, Villach, Austria, 300mm
PROCESS - WAFER PRODUCTION: Move all or parts of production to a different wafer fab site.	Infineon Technologies (Malaysia) Sdn. Bhd., Melaka, Malaysia 200mm	Infineon Technologies Austria AG, Villach, Austria, 300mm
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	Infineon Technologies Austria AG, Villach, Austria, Toolpark 200mm	Infineon Technologies Austria AG, Villach, Austria, Toolpark 300mm

Product identification

8 Inch: Wafer lot numbers from Villach start with VExxxxxx.
 12 Inch: Wafer lot numbers from Villach start with VFxxxxxx.
 Traceability assured via date code.
 SP number and ordering part number are different only for certain products please see 4_cip22109_A.xls

Anticipated impact of change

Based on the qualification performed, Infineon does not expect any negative impact on quality, function and reliability.

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

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Attachments

PCN_2022-109-A_[customer-no].pdf	affected product list
4_cip22109_A	SP list overview

Time schedule

Final qualification report	available
First samples available	on request
Intended start of delivery [1]	2023-04-03
Last order date (LOD) [2]	2023-04-03
Last delivery date (LDD) [3]	2024-04-03

[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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Several changes affecting PFET4 30V products IPBxP03P4x, IPDxP03P4x and IPPxP03P4x



Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
IPB80P03P4L-04	SP002325736	IPB80P03P4L04ATMA2	PG-TO263-3-2	IPB80P03P4L04ATMA2
IPD50P03P4L-11	SP000396290	IPD50P03P4L11ATMA1	PG-TO252-3-11	IPD50P03P4L11ATMA1
IPD50P03P4L-11	SP002325738	IPD50P03P4L11ATMA2	PG-TO252-3-11	IPD50P03P4L11ATMA2
IPD80P03P4L-07	SP000396296	IPD80P03P4L07ATMA1	PG-TO252-3-11	IPD80P03P4L07ATMA1
IPD80P03P4L-07	SP002325740	IPD80P03P4L07ATMA2	PG-TO252-3-11	IPD80P03P4L07ATMA2
IPD90P03P4-04	SP002319826	IPD90P03P404ATMA2	PG-TO252-3-11	IPD90P03P404ATMA2
IPD90P03P4L-04	SP000396300	IPD90P03P4L04ATMA1	PG-TO252-3-11	IPD90P03P4L04ATMA1
IPD90P03P4L-04	SP002325742	IPD90P03P4L04ATMA2	PG-TO252-3-11	IPD90P03P4L04ATMA2
IPP80P03P4L-04	SP000396390	IPP80P03P4L04AKSA1	PG-TO220-3-1	IPP80P03P4L04AKSA1
IPP80P03P4L-04	SP002325792	IPP80P03P4L04AKSA2	PG-TO220-3-1	IPP80P03P4L04AKSA2