

# Product/Process Change Notification

N° 2021-162-A

Dear customer,

please find attached our Infineon Technologies AG PCN:

## Several changes affecting Gen 12.7A mosfet products assembled at Rectificadores Internacionales, S.A. de C.V., Tijuana , Mexico

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 2022-11-30.
- 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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# Product/Process Change Notification

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## Products affected

Please refer to attached affected product list PCN\_2021-162-A\_[customer-no].pdf

## Detailed change information

**Subject:** Several changes affecting Gen 12.7A mosfet products assembled at Rectificadores Internacionales, S.A. de C.V., Tijuana , Mexico

**Reason/Motivation:** Expansion of wafer production to assure continuity of supply and enable flexible manufacturing.

Description	Old	New
<b>PROCESS - WAFER PRODUCTION:</b> New wafer diameter	8" wafer diameter	8" wafer diameter in Tower Semiconductor Ltd., Migdal Haemek, Israel and 12" wafer diameter in Infineon Technologies Dresden GmbH, Dresden , Germany
<b>PROCESS - WAFER PRODUCTION:</b> New / change of passivation or die coating (without bare die)	Imide	Imide in Tower Semiconductor Ltd., Migdal Haemek, Israel and SiN/Imide in Infineon Technologies Dresden GmbH, Dresden , Germany
<b>PROCESS - WAFER PRODUCTION:</b> Move of all or part of wafer fab to a different location/site/subcontractor	Tower Semiconductor Ltd., Migdal Haemek, Israel	Tower Semiconductor Ltd., Migdal Haemek, Israel and Infineon Technologies Dresden GmbH, Dresden , Germany
<b>TEST FLOW:</b> Move of all or part of electrical wafer test and/or final test to a different location/site/subcontractor	Tower Semiconductor Ltd., Migdal Haemek, Israel	Tower Semiconductor Ltd., Migdal Haemek, Israel and Infineon Technologies Dresden GmbH, Dresden , Germany

## Product identification

Traceability assured via date code.

## Anticipated impact of change

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

DeQuMa-ID(s): SEM-PW-02 / SEM-PW-08 / SEM-PW-13 / SEM-TF-01

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## Attachments

PCN_2021-162-A_[customer-no].pdf	affected product list
2_cip21162_A	qualification report
3_cip21162_A	customer information package

## Time schedule

Final qualification report	2022-08-24
First samples available	2022-10-20
Intended start of delivery [1]	2023-04-20
Last order date (LOD) [2]	2023-04-20
Last delivery date (LDD) [3]	2023-10-20

[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
AUIRFB8405	SP001516720	AUIRFB8405	PG-TO220-3-904	AUIRFB8405
AUIRFB8409	SP001521544	AUIRFB8409	PG-TO220-3-904	AUIRFB8409