

# Product/Process Change Notification



N° 2021-059-A

Dear customer,

please find attached our Infineon Technologies AG PCN:

## Introduction of alternate assembly production at TFME for Gen 12.7, 10,7 and 10.2 ATV products affecting D2pak and TO220 packages

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 2021-07-25.
- 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. We ask for your patience in the meantime. 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

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## Products affected

Please refer to attached affected product list 1\_cip21059\_A

## Detailed change information

**Subject:** Introduction of alternate assembly production at TFME for Gen 12.7, 10,7 and 10.2 ATV products affecting D2pak and TO220 packages

## Reason/Motivation:

Description	Old	New
<b>PROCESS - ASSEMBLY: Change of lead frame finishing material / area (internal)</b>	TO220 and D2pak are affected only: Ni plated in all area Cu on die pad	TFME Only TO220 and D2pak: Bare Cu in all area except T-post with Ni plate
<b>PROCESS - ASSEMBLY: Change of lead and heat slug plating material/plating thickness (external)</b>	Tin Dip	TIJ only TO-220 package only Electroplate
<b>PROCESS - ASSEMBLY: Change of mold compound / encapsulation material</b>	MG15F-35A	TFME only TO220 only: KE-G300BH
<b>PROCESS - ASSEMBLY: Change of product marking</b>	TO220 and D2pak: No Site code	TFME affected only: TO220 and D2pak; Site Code M
<b>PROCESS - ASSEMBLY: Move all or parts of production to a different assembly site.</b>	TO220 and D2pak: Rectificadores Internacionales, S.A. de C.V., Tijuana , Mexico	TO220 and D2pak: Rectificadores Internacionales, S.A. de C.V., Tijuana , Mexico and Tongfu Microelectronics Co., Ltd(TFME)
<b>TEST FLOW: Move of all or part of electrical wafer test and/or final test to a different test site.</b>	TO220 and D2pak: Final Test Rectificadores Internacionales, S.A. de C.V., Tijuana , Mexico	TO220 and D2pak: Final Test , Rectificadores Internacionales, S.A. de C.V., Tijuana , Mexico and Tongfu Microelectronics Co., Ltd(TFME)

## Product identification

traceability is ensured via lot code

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## Anticipated impact of change

based on the qualification performed, infineon does not expect any impact on quality, function and reliability.  
Please refer to QTR.

DeQuMa-ID(s): SEM-PA-04 / SEM-PA-05 / SEM-PA-11 / SEM-PA-13 / SEM-PA-18 / SEM-TF-01

## Attachments

1_cip21059_A	affected product list
3_cip21059_A	customer information package

## Time schedule

Final qualification report	Available upon request
First samples available	Available upon request
Intended start of delivery [1]	2021-12-30
Last order date (LOD) [2]	2022-01-31
Last delivery date (LDD) [3]	2022-07-31

[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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<b>Sales name</b>	<b>SP number</b>	<b>OPN</b>	<b>Package</b>
AUIRF1404Z	SP001520218	AUIRF1404Z	PG-TO220-3-904
AUIRF3205Z	SP001518518	AUIRF3205Z	PG-TO220-3-904
AUIRF540Z	SP001516500	AUIRF540Z	PG-TO220-3-904
AUIRFB8405	SP001516720	AUIRFB8405	PG-TO220-3-904
AUIRFB8405-071	SP001521030	AUIRFB8405-071	PG-TO220-3-904
AUIRFB8407	SP001517430	AUIRFB8407	PG-TO220-3-904
AUIRFB8409	SP001521544	AUIRFB8409	PG-TO220-3-904
AUIRFS8407TRL	SP001520480	AUIRFS8407TRL	PG-TO263-3-901
AUIRFS8409TRL	SP001521148	AUIRFS8409TRL	PG-TO263-3-901
AUXHBFB3306	SP001517628	AUXHBFB3306	PG-TO220-3-904