

Product/Process Change Notification

N° 2021-063-A

Dear customer,

please find attached our Infineon Technologies AG PCN:

Functional Safety related PCN: Update of Functional Safety Case Report and several changes affecting products BTF6070-2EKV and BTF6070-2ERV

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 2021-07-12.
- 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

Postal Address Headquarters: Am Campeon 1-15, D-85579 Neubiberg, Phone +49 (0)89 234-0

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_cip21063_A

Detailed change information

Subject:

Functional Safety related PCN: Update of Functional Safety Case Report and several changes affecting products BTF6070-2EKV and BTF6070-2ERV

Reason/Motivation:

Transfer of wafer production and wafer test location. Expansion of plating subcontractor only for BTF6070-2ERV. Furthermore expansion of final test location. As a result of the transfer the safety case report needed to be updated.

Description

	<u>Old</u>	<u>New</u>
ANY: Any change with impact on processability/manufacturability at customer, which is not covered in the matrix below.	Safety Case Report BTF6070-2ERV Rev. 1.1 BTF6070-2EKV Rev. 2.1	Safety Case Report BTF6070-2ERV Rev. 1.2/A BTF6070-2EKV Rev. 2.2/A
PROCESS - WAFER PRODUCTION: Move all or parts of production to a different wafer fab site.	Wafer fab site: Infineon Technologies Austria AG, Villach, Austria	Wafer fab site: Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia
PROCESS - ASSEMBLY: Move all or parts of production to a different assembly site.	Plating site: only for BTF6070-2ERV SII Ishizaki (Melaka) Sdn Bhd	Plating site: only for BTF6070-2ERV SII Ishizaki (Melaka) Sdn Bhd AND Syntronixs (Melaka) Asia Sdn Bhd

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TEST FLOW: Move of all or part of electrical wafer test and/or final test to a different test site.

Wafer test site:
Infineon Technologies Austria AG,
Villach, Austria

Final test site:
Infineon Technologies Asia Pacific Pte.
Ltd., Singapore, Singapore

Wafer test site:
Infineon Technologies (Kulim) Sdn. Bhd.,
Kulim, Malaysia

Final test site:
Infineon Technologies Asia Pacific Pte.
Ltd., Singapore, Singapore
AND
Infineon Technologies Batam P.T.,
Batam, Indonesia

Product identification

Wafer lot numbers from Villach start with VExxxxxx.
Wafer lot numbers from Kulim with 1Exxxxxx
Traceability assured via date code
No change in SP ordering number

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.
Assessment in application required!

DeQuMa-ID(s): SEM-AN-02 / SEM-PW-13 / SEM-PA-18 / SEM-TF-01

Attachments

1_cip21063_A affected product list

Safety Case Report: BTF6070-2ERV Rev. 1.2/A
https://myicp.infineon.com/sites/ATV_BP/Smart%20Low%20and%20HighSide%20Switches/PROFET_Plus_24V/Safety_Documentation/FastHSSGen2_059_SafetyCase_V1.2.pdf?csf=1

Safety Case Report: BTF6070-2EKV Rev. 2.2/A
https://myicp.infineon.com/sites/ATV_BP/Smart%20Low%20and%20HighSide%20Switches/PROFET_Plus_24V/Safety_Documentation/archived/FastHSSCCC_059_SafetyCase_V2.2.pdf?csf=1

Time schedule

Final qualification report available

First samples available on request

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Intended start of delivery [1]	2021-12-09
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Last order date (LOD) [2]	2021-12-09
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Last delivery date (LDD) [3]	2022-12-09
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[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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Sales name	SP number	OPN	Package
BTF6070-2EKV	SP001208316	BTF60702EKVXUMA1	PG-DSO-14-40
BTF6070-2ERV	SP001682636	BTF60702ERVXUMA1	PG-TDSO-14-21