

Product/Process Change Notification

N° 2020-071-A

Dear customer,

please find attached our Infineon Technologies AG PCN:

Introduction of an additional wafer production and wafer test location at Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia and data sheet update for product family LITIX™ Basic+

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 2021-12-22.
- 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

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Products affected

Please refer to attached affected product list 1_cip20071_A

Detailed change information

Subject: Introduction of an additional wafer production and wafer test location at Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia and data sheet update for product family LITIX™ Basic+

Reason/Motivation: Due to continuously raising demand for Infineon automotive products exceeding the capacity in Villach we have to extend wafer production and wafer test to the well-known location Kulim.
Data sheet update due to improvement of specific parameters.

Description

| <u>Old</u> | <u>New</u> |
|---|--|
| <p>PROCESS - WAFER PRODUCTION: Move all or parts of production to a different wafer fab site.</p> <p>Wafer production: Infineon Technologies Austria AG, Villach, Austria</p> | <p>Wafer production: Infineon Technologies Austria AG, Villach, Austria</p> <p>AND</p> <p>Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia</p> |
| <p>TEST FLOW: Move of all or part of electrical wafer test and/or final test to a different test site.</p> <p>Wafer test: Infineon Technologies Austria AG, Villach, Austria</p> | <p>Wafer test: Infineon Technologies Austria AG, Villach, Austria</p> <p>AND</p> <p>Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia</p> |
| <p>Data sheet update</p> <p>TLD1114-1EP: Rev 1.10 TLD2252-2EP: Rev 1.00 TLD2x3x-xEP: Rev 1.10 TLD214x-xEP: Rev 1.10</p> | <p>TLD1114-1EP: Rev 1.20 TLD2252-2EP: Rev 1.10 TLD2x3x-xEP: Rev 1.20 TLD214x-xEP: Rev 1.20</p> |

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

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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 form, fit and function expected.
DeQuMa-ID(s): SEM-PW-13 / SEM-TF-01

Attachments

| | |
|--------------|-----------------------|
| 1_cip20071_A | affected product list |
| 4_cip20071_A | data sheets |

Time schedule

| | |
|--------------------------------|---|
| Final qualification report | available |
| First samples available | on request |
| Intended start of delivery [1] | 2022-05-12 not applicable for data sheet update (documentation only) |
| Last order date (LOD) [2] | 2022-05-12 |
| Last delivery date (LDD) [3] | 2023-05-12 |

[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 |
|-------------|-------------|-----------------|----------------|
| TLD1114-1EP | SP001604376 | TLD11141EPXUMA1 | PG-TSDSO-14-13 |
| TLD2131-3EP | SP001604392 | TLD21313EPXUMA1 | PG-TSDSO-14-13 |
| TLD2132-1EP | SP001604388 | TLD21321EPXUMA1 | PG-TSDSO-14-13 |
| TLD2141-3EP | SP001604380 | TLD21413EPXUMA1 | PG-TSDSO-14-13 |
| TLD2142-1EP | SP001604384 | TLD21421EPXUMA1 | PG-TSDSO-14-13 |
| TLD2252-2EP | SP001604372 | TLD22522EPXUMA1 | PG-TSDSO-14-13 |
| TLD2331-3EP | SP001604396 | TLD23313EPXUMA1 | PG-TSDSO-14-13 |