

Product/process change notification

PCN N° 2021-101-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Capacity extension by introduction of 300mm wafer diameter for dedicated OptiMOS™5 25V products at Infineon Technologies Austria AG, Austria

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 **2021-12-17**
- 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.”**

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_cip21101_a

- **Detailed change information**

Subject Introduction of 300mm wafer diameter at Infineon Technologies Austria AG

Reason Extension for manufacturing capability to cover increasing customer demand and support short term upside demand in a more efficient way

Description	<u>Old</u>	<u>New</u>
Wafer Fab Location	<ul style="list-style-type: none"> ▪ Infineon Technologies Austria AG, Villach, Austria (200mm) 	<ul style="list-style-type: none"> ▪ Infineon Technologies Austria AG, Villach, Austria (200mm & 300mm)
Wafer Lot Number	<ul style="list-style-type: none"> ▪ VExxxxxx (200mm) 	<ul style="list-style-type: none"> ▪ VExxxxxx (200mm) <li style="text-align: center;"><i>and</i> ▪ VFxxxxxx (300mm)

- **Product identification** Internal & External traceability via wafer lot number

- **Impact of change**
 - **NO** change on electrical, thermal parameters as proven via product qualification and characterization.
 - **NO** change of existing electrical datasheet parameters.
 - **NO** change in quality and reliability. Processes are optimized to meet product performance according to already applied Infineon specification.

- **Attachments**

1_cip21101_a	affected product list
2_cip21101_a	qualification report

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▪ Time schedule

- | | |
|------------------------------|--|
| ▪ Final qualification report | available |
| ▪ First samples available | on request |
| ▪ Intended start of delivery | 2022-02-28 or earlier pending on customer 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
IR35425MTRPBF	SP001695532	IR35425MTRPBFAUMA1	PG-IQFN-39
IR38163MTRPBF	SP001618602	IR38163MTRPBFAUMA1	PG-IQFN-34
IR38164MTRPBF	SP001651560	IR38164MTRPBFAUMA1	PG-IQFN-34
IR38165MTRPBF	SP001618604	IR38165MTRPBFAUMA1	PG-IQFN-34
IR38263MTRPBF	SP001618606	IR38263MTRPBFAUMA1	PG-IQFN-34
IR38265MTRPBF	SP001618608	IR38265MTRPBFAUMA1	PG-IQFN-34
IR38363MTRPBF	SP001618610	IR38363MTRPBFAUMA1	PG-IQFN-34
IR38365MTRPBF	SP001618612	IR38365MTRPBFAUMA1	PG-IQFN-34
IR3888AMTRPBF	SP005425206	IR3888AMTRPBFAUMA1	PG-IQFN-22
IR3888BMTRPBF	SP005565652	IR3888BMTRPBFAUMA1	PG-IQFN-22
IR3888MTRPBF	SP001821814	IR3888MTRPBFAUMA1	PG-IQFN-22
TDA21240	SP001435356	TDA21240AUMA1	PG-IQFN-30
TDA21241	SP001435358	TDA21241AUMA1	PG-IQFN-30
TDA21242	SP001435360	TDA21242AUMA1	PG-IQFN-30
TDA21475	SP002091654	TDA21475AUMA1	PG-IQFN-39
TDA38827	SP005428490	TDA38827AUMA1	PG-IQFN-22
TDA88240	SP001583974	TDA88240AUMA1	PG-IQFN-30
TDA88241	SP001583976	TDA88241AUMA1	PG-IQFN-30
TDA88242	SP001583982	TDA88242AUMA1	PG-IQFN-30