

Product/process change notification

PCN N° 2020-031-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Several changes affecting CIPOS™ Nano products

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 **2022-04-28**
- 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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Registered Office: Neubiberg
Commercial Register: München HRB 126492

Product/process change notification

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► **Products affected**

Please refer to attached affected product list 1_cip20031_A

► **Detailed change information**

Subject Additional assembly and test location.

Reason Expansion of assembly production of the affected products to assure continuity of supply and enable flexible manufacturing.

Description

<u>Old</u>	<u>New</u>
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Products in Package QFN 7x8 (except IRSM005-800MH/MHTR)

Additional assembly and test location

<ul style="list-style-type: none"> ■ Carsem Sdn.Bhd.(Malaysia) 	<ul style="list-style-type: none"> ■ Additional Hana Semiconductor (Ayutthaya, Thailand) Co.,Ltd.
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IC Wire

<ul style="list-style-type: none"> ■ Cu Pd 	<ul style="list-style-type: none"> ■ Cu Pd Au (at Hana)
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Products in Package QFN 8x9

Additional assembly and test location

<ul style="list-style-type: none"> ■ Carsem Sdn.Bhd.(Malaysia) 	<ul style="list-style-type: none"> ■ Additional Hana Semiconductor (Ayutthaya, Thailand) Co.,Ltd.
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IC Wire

<ul style="list-style-type: none"> ■ Au 	<ul style="list-style-type: none"> ■ Cu Pd Au (at Hana)
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Leadframe plating

<ul style="list-style-type: none"> ■ Selective Ag 	<ul style="list-style-type: none"> ■ PPF (at Hana)
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Leadfinish

<ul style="list-style-type: none"> ■ Matte Tin 	<ul style="list-style-type: none"> ■ NiPdAu-Ag (at Hana)
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Products in Package QFN 12x12

Assembly and test location

<ul style="list-style-type: none"> ■ Hana Semiconductor (Ayutthaya, Thailand) Co.,Ltd. 	<ul style="list-style-type: none"> ■ Hana Semiconductor (Ayutthaya, Thailand) Co.,Ltd.
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IC Wire

<ul style="list-style-type: none"> ■ Au 	<ul style="list-style-type: none"> ■ Cu
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Leadframe plating

<ul style="list-style-type: none"> ■ Selective Ag 	<ul style="list-style-type: none"> ■ PPF
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Leadfinish

<ul style="list-style-type: none"> ■ Matte Sn 	<ul style="list-style-type: none"> ■ NiPdAu-Ag
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IRSM005-800MH & IRSM005-800MHTR

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Transfer of assembly and test location	<ul style="list-style-type: none"> ■ Carsem Sdn.Bhd (Malaysia) 	<ul style="list-style-type: none"> ■ Hana Semiconductor (Ayutthaya, Thailand) Co., Ltd
IC Wire	<ul style="list-style-type: none"> ■ Cu Pd 	<ul style="list-style-type: none"> ■ Cu Pd Au

► **Product identification** Ensured by internal traceability in manufacturing execution systems.

► **Impact of change** Based on the qualification performed, Infineon does not expect any negative impact on quality, function and reliability.

► **Attachments**

1_cip20031_A:	affected product list
2_cip20031_A:	Qualification report

► **Time schedule**

- Final qualification report Available on request.
- First samples available PCN samples on customer request.
- Intended start of delivery Start of delivery of changed products beginning from (PCN sent out + 3 months) or earlier on customer request. Further delivery of unchanged products is possible until stock will be depleted.

If you have any questions, please do not hesitate to contact your local sales office.