

Product/process change notification

PCN N° 2021-103-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Introduction of new lead frame and lead finish material for dedicated products in TO247 package with assembly site Tijuana, Mexico

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 **2021-08-11**
- 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/>

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► **Products affected**

Please refer to attached affected product list 1_cip21103_a



► **Detailed change information**

Subject Change of Lead Frame and Lead Finish material

Reason Standardization of assembly and lead finishing process

Description

Lead Finish Material

Lead Finishing Process

Old

- 99.3% Sn / 0.7% Cu
- Solder Dip leads

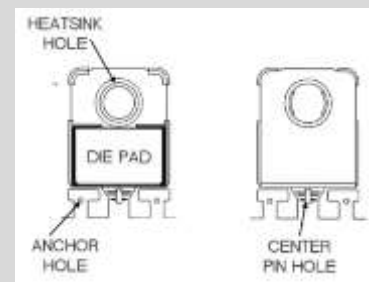
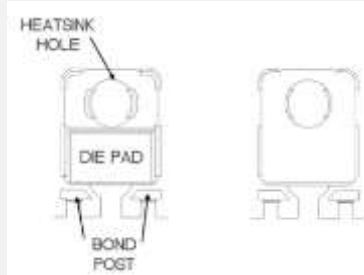


New

- 100% Sn
- Electroplated on the heatsink and leads



Lead Frame Design



► **Product identification**

Traceability is ensured via part number, lot number, barcode product label and visual appearance of plating finish

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► Impact of change

No change on package outline dimensions
No impact on solderability, thermal and electrical parameters
No impact on quality, function and reliability as proven in the process qualification

► Attachments

Affected Product List	1_cip21103_a
Final Qualification Report	2_cip21103_a

► Time schedule

- | | |
|------------------------------|------------|
| ■ Final qualification report | available |
| ■ First samples available | on request |
| ■ Intended start of delivery | 2021-10-01 |

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