

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

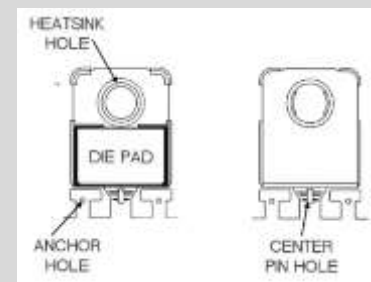
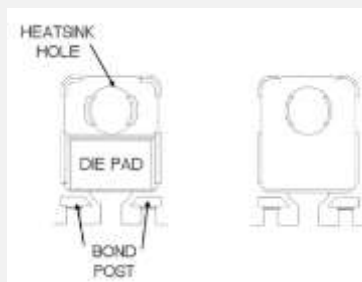


New

- 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.



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Sales name	SP number	OPN	Package
IRFP1405PBF	SP001572614	IRFP1405PBF	PG-TO247
IRFP2907PBF	SP001571058	IRFP2907PBF	PG-TO247
IRFP3006PBF	SP001556714	IRFP3006PBF	PG-TO247
IRFP3077PBF	SP001566982	IRFP3077PBF	PG-TO247
IRFP3206PBF	SP001578056	IRFP3206PBF	PG-TO247
IRFP3306PBF	SP001564200	IRFP3306PBF	PG-TO247
IRFP3703PBF	SP001556744	IRFP3703PBF	PG-TO247
IRFP3710PBF	SP001552026	IRFP3710PBF	PG-TO247
IRFP4110PBF	SP001556724	IRFP4110PBF	PG-TO247
IRFP4127PBF	SP001566148	IRFP4127PBF	PG-TO247
IRFP4127PBF	SP005596353	IRFP4127PBF ^{AKMA1}	PG-TO247
IRFP4137PBF	SP001571068	IRFP4137PBF	PG-TO247
IRFP4227PBF	SP001560510	IRFP4227PBF	PG-TO247
IRFP4229PBF	SP001578046	IRFP4229PBF	PG-TO247
IRFP4310ZPBF	SP001572864	IRFP4310ZPBF	PG-TO247
IRFP4321PBF	SP001575756	IRFP4321PBF	PG-TO247
IRFP4332PBF	SP001578038	IRFP4332PBF	PG-TO247
IRFP4368PBF	SP001556774	IRFP4368PBF	PG-TO247
IRFP4468PBF	SP001554960	IRFP4468PBF	PG-TO247
IRFP4568PBF	SP001560548	IRFP4568PBF	PG-TO247
IRFP4668PBF	SP001572854	IRFP4668PBF	PG-TO247
IRFP4868PBF	SP001556792	IRFP4868PBF	PG-TO247
IRFP7530PBF	SP001560520	IRFP7530PBF	PG-TO247
IRFP7537PBF	SP001564970	IRFP7537PBF	PG-TO247