

Product / Process Change Notification



N° 2020-099-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Introduction of new lead frame and lead finish material for dedicated products in TO247 package

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 **15. January 2021**.
- 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 Technologies 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.

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, 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_cip20099_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

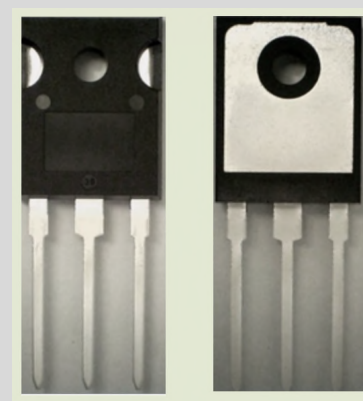
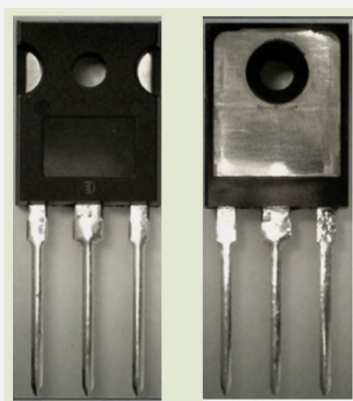
<u>Old</u>	<u>New</u>
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99.3% Sn / 0.7% Cu

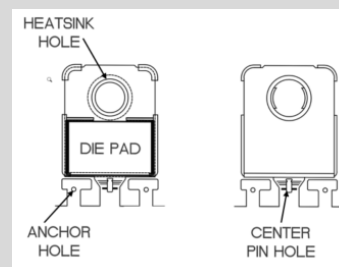
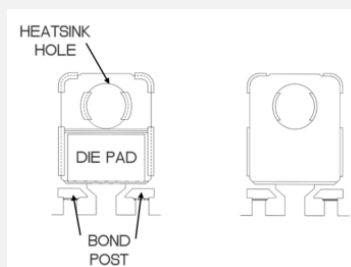
100% Sn

Tin Dip

Electro-plated



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 impact on solderability and package outline dimensions
No impact on thermal and electrical parameters
Based on the qualification performed, Infineon does not see any negative impact on quality, function and reliability

► **Attachments:**

Affected product list 1_cip20099_a
Final qualification report 2_cip20099_a

► **Time Schedule:**

- | | |
|-------------------------------|--|
| ■ Final qualification report: | Available (refer to attachment 2_cip20099_a) |
| ■ First samples available: | on request |
| ■ Intended start of delivery: | 01-March-2021 |

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