

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
Postal Address Headquarters: Am Campeon 1-15, D-85579 Neubiberg, Phone +49 (0)89 234-0
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:

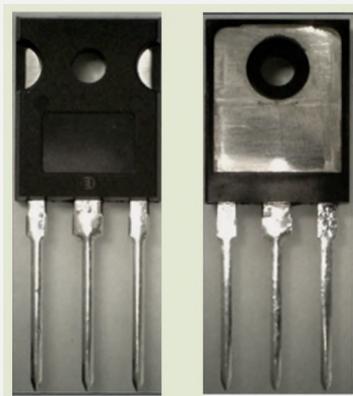
Lead finish material

Lead finishing process

Old

99.3% Sn / 0.7% Cu

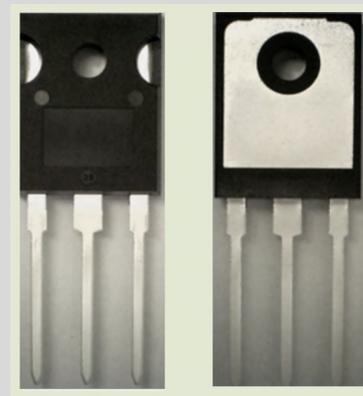
Tin Dip



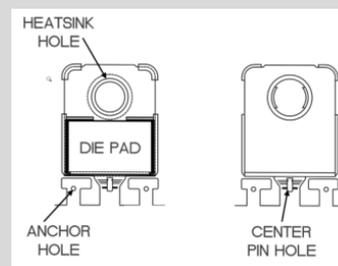
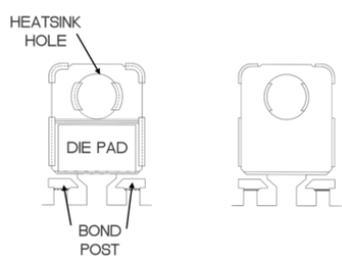
New

100% Sn

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.

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Sales name	SP number	OPN	Package
AUIRFP4110	SP001517386	AUIRFP4110	PG-TO247-3
AUIRFP4409	SP001518024	AUIRFP4409	PG-TO247-3
AUIRFP4568	SP001519624	AUIRFP4568	PG-TO247-3
AUIRFP4568-E	SP001521012	AUIRFP4568-E	PG-TO247-3
AUIRG4PC40S-E	SP001511242	AUIRG4PC40S-E	PG-TO247-3
AUIRG4PH50S	SP001512028	AUIRG4PH50S	PG-TO247-3
IRFP054NPBF	SP001566178	IRFP054NPBF	PG-TO247-3
IRFP064NPBF	SP001554926	IRFP064NPBF	PG-TO247-3
IRFP140NPBF	SP001575786	IRFP140NPBF	PG-TO247-3
IRFP150NPBF	SP001564068	IRFP150NPBF	PG-TO247-3
IRFP250NPBF	SP001554946	IRFP250NPBF	PG-TO247-3
IRFP260NPBF	SP001552016	IRFP260NPBF	PG-TO247-3
IRFP2907ZPBF	SP001571048	IRFP2907ZPBF	PG-TO247-3
IRFP3415PBF	SP001566972	IRFP3415PBF	PG-TO247-3
IRFP4004PBF	SP001556734	IRFP4004PBF	PG-TO247-3
IRFP4710PBF	SP001575990	IRFP4710PBF	PG-TO247-3
IRFP7430PBF	SP001554970	IRFP7430PBF	PG-TO247-3
IRFP7530PBF	SP001560520	IRFP7530PBF	PG-TO247-3
IRFP7537PBF	SP001564970	IRFP7537PBF	PG-TO247-3
IRFP7718PBF	SP001571038	IRFP7718PBF	PG-TO247-3
IRFP90N20DPBF	SP001552070	IRFP90N20DPBF	PG-TO247-3
IRFP9140NPBF	SP001556802	IRFP9140NPBF	PG-TO247-3
IRG7PH35UD-EP	SP001548020	IRG7PH35UD-EP	PG-TO247-3
IRG7PH35UDPBF	SP001537540	IRG7PH35UDPBF	PG-TO247-3
IRGP4062DPBF	SP001545058	IRGP4062DPBF	PG-TO247-3
IRGP4063DPBF	SP001549776	IRGP4063DPBF	PG-TO247-3
IRGP4063PBF	SP001546206	IRGP4063PBF	PG-TO247-3
IRGP4066D-EPBF	SP001548120	IRGP4066D-EPBF	PG-TO247-3
IRGP4066DPBF	SP001545048	IRGP4066DPBF	PG-TO247-3
IRGP4068D-EPBF	SP001542408	IRGP4068D-EPBF	PG-TO247-3
IRGP4068DPBF	SP001535818	IRGP4068DPBF	PG-TO247-3
IRGP4069D-EPBF	SP001534110	IRGP4069D-EPBF	PG-TO247-3
IRGP4069DPBF	SP001535800	IRGP4069DPBF	PG-TO247-3
IRGP4640D-EPBF	SP001546168	IRGP4640D-EPBF	PG-TO247-3
IRGP4640DPBF	SP001535770	IRGP4640DPBF	PG-TO247-3
IRGP4650D-EPBF	SP001535810	IRGP4650D-EPBF	PG-TO247-3

IRGP4650DPBF	SP001535760	IRGP4650DPBF	PG-TO247-3
IRGP4660D-EPBF	SP001548232	IRGP4660D-EPBF	PG-TO247-3
IRGP4660DPBF	SP001534070	IRGP4660DPBF	PG-TO247-3