

Product / Process Change Notification



N° 2017-023-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Introduction of new lead frame material for TSLP & TSSLP packages

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 ~~5. January 2018~~ **24th February 2018**.
- 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: Wolfgang Mayrhuber
Management Board: Dr. Reinhard Ploss (CEO), Dominik Asam, Dr. Helmut Gassel, Jochen Hanebeck
Registered Office: Neubiberg Commercial Register
Amtsgericht München HRB 126492

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► **Products affected:**

Sales Name	SP N°	OPN	Package
Refer to 1_cip17023A			

► **Detailed Change Information:**

Subject: Introduction of new leadframe material for TSLP & TSSLP packages

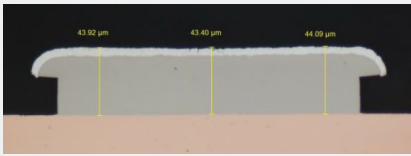
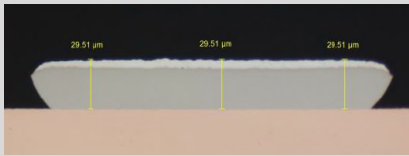
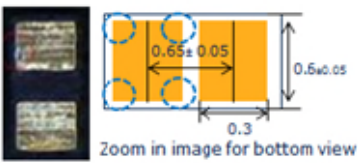
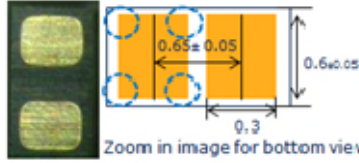
Reason: To further ensure our product supply the new leadframe material will be introduced

Description:

- Leadframe
- Leadframe bump shape

- Footprint

- Remarks

	<u>Old</u>	<u>New</u>
	NiAg / NiAu	NiPdAu/ NiPdAg
	Mushroom 	Tapered 
	 Zoom in image for bottom view	 Zoom in image for bottom view
	✓ Sharp pad radius	<ul style="list-style-type: none"> ✓ Round shape pad radius ✓ The new pad shape is due to the new leadframe design ✓ Reflow Soldering and Package dimension remain UNCHANGED. ✓ Lead pitching remain UNCHANGED

► **Product Identification:**

Internal traceability ensured via Baunumber, Lot number & date code

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► Impact of Change:

- Based on the qualification performed, Infineon does not see any negative impact on quality, function and reliability. No change in fit and form (except round shape pad radius)
- Products with new pad design are fully compatible on board at customers end
- Reflow Soldering and Package dimension remain **UNCHANGED**.
- Lead pitching remain **UNCHANGED**

► Attachments:

Affected product list (1_cip17023)
Final qualification report (2_cip17023)

► Time Schedule:

- | | |
|-------------------------------|---|
| ■ Final qualification report: | Available (2_cip17023) |
| ■ First samples available: | Upon request |
| ■ Intended start of delivery: | 15.02.2018 onwards, or earlier based on customer approval
Existing stock will be depleted first (FIFO) |

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

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Lead Frame Change in some TSLP & TSSLP Packages

Device	SP N°	OPN	Package
BAR 63-02L E6327	SP000013537	BAR6302LE6327XTMA1	PG-TSLP-2
BAS 70-02L E6327	SP000013550	BAS7002LE6327XTMA1	PG-TSLP-2
BAS 40-02L E6327	SP000013549	BAS4002LE6327XTMA1	PG-TSLP-2
BAS 3005S-02LRH E6327	SP000472478	BAS3005S02LRHE6327XTSA1	PG-TSLP-2
BAS 3010S-02LRH E6327	SP000472480	BAS3010S02LRHE6327XTSA1	PG-TSLP-2
BAT 15-02LRH E6327	SP000055124	BAT1502LRHE6327XTSA1	PG-TSLP-2
BAT 54-02LRH E6327	SP000234099	BAT5402LRHE6327XTSA1	PG-TSLP-2
BFR 193L3 E6327	SP000013557	BFR193L3E6327XTMA1	PG-TSLP-3
BFR 340L3 E6327	SP000013558	BFR340L3E6327XTMA1	PG-TSLP-3
BFR 360L3 E6765	SP000013561	BFR360L3E6765XTMA1	PG-TSLP-3
BFR 380L3 E6327	SP000013562	BFR380L3E6327XTMA1	PG-TSLP-3
BFR 460L3 E6327	SP000014238	BFR460L3E6327XTMA1	PG-TSLP-3
ESD5V3U2U-03LRH E6327	SP000427412	ESD5V3U2U03LRHE6327XTMA1	PG-TSLP-3
BFR 740L3RH E6327	SP000252393	BFR740L3RHE6327XTSA1	PG-TSLP-3
BFR 840L3RHESD E6327	SP000978848	BFR840L3RHESDE6327XTSA1	PG-TSLP-3
ESD0P8RFL E6327	SP000362197	ESD0P8RFLE6327XTSA1	PG-TSLP-4
ESD0P4RFL E6327	SP000396832	ESD0P4RFLE6327XTSA1	PG-TSLP-4
BGB 741L7ESD E6327	SP000442946	BGB741L7ESDE6327XTSA1	PG-TSLP-7
BGB 707L7ESD E6327	SP000531308	BGB707L7ESDE6327XTSA1	PG-TSLP-7
BAT 15-02LS E6433	SP000703608	BAT1502LSE6433XTMA1	PG-TSSLP-2
BAT 24-02LS E6327	SP000304927	BAT2402LSE6327XTSA1	PG-TSSLP-2