

Product / Process Change Notification



N° 2014-097-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Implementation of halogen-free mold compound and copper wire bonding for products assembled in lead-free package PG-SC59

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 **12. August 2015**.
- 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."
- This PCN includes a **Product Discontinuation Notice** (JEDEC STANDARD "JESD48") on page 5/5

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.

Disclaimer:

If we do not receive any response by the date in the PCN above we consider this as the acceptance of the PCN. After the last order date as stated herein, purchase orders related to the unchanged product(s) cannot be accepted.

In case the customer rejects this PCN this PCN shall be considered a product discontinuation notice (PD).

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SUBJECT OF CHANGE: Implementation of halogen-free¹⁾ mold compound and copper wire bonding.

Note:

Infineon products defined as halogen-free according to

IEC 61249-2-21 meet the following requirements:

- 900 ppm maximum Chlorine
- 900 ppm maximum Bromine
- 1500 ppm maximum sum of Chlorine and Bromine

All homogeneous materials in the final product defined as halogen-free according to IEC 61249-2-21 meet these voluntary substance thresholds defined by the International Electrotechnical Commission (IEC).

PRODUCTS AFFECTED:	TYPE	SP N°	OPN	Package
	BSR315P L6327	SP000265405	BSR315PL6327HTSA1	PG-SC59-3
	BSR316P L6327	SP000265407	BSR316PL6327HTSA1	PG-SC59-3
	BSR92P L6327	SP000265408	BSR92PL6327HTSA1	PG-SC59-3

REASON OF CHANGE: To adequately react on the increasing customer requests for eco-friendly products.

DESCRIPTION OF CHANGE:	<u>OLD</u>	<u>NEW</u>
■ Mold Compound	Mold compound containing Halogen	Halogen-free mold compound
■ Wire Bonding Material	Au Wire	Cu Wire
■ Product Barcode Label	Pb free logo	Pb free and halogen-free logo

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PRODUCT IDENTIFICATION:

External traceability

Barcode Product Label (BPL)



- A) Halogen-free logo printed on barcode label
- B) "L" in sales code will be substituted by "H" to indicate the halogen free¹⁾ mold compound
- C) New customer ordering code

Internal traceability

Ensured via lot number and date code marking

TIME SCHEDULE:

■ Final qualification report:	available	
■ First samples available:	available	
■ Intended start of delivery:	July 2015 depending on approval	
■ Last order date of unchanged product:	2016-01-01	See PD14097 page 5/5
■ Last delivery date of unchanged product:	2016-07-01	See PD14097 page 5/5

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ASSESSMENT:

- Halogen-free according to IEC 61249-2-21
- No change in electrical performance as defined in applied datasheets
- No change in quality and reliability
- Product reliability verified by full product qualification
- Advantages of Cu wire compared to Au wire (see 3_cip14097a)

DOCUMENTATION:

3_cip14097a Customer Information Package

PRODUCT DISCONTINUATION

PD14097



referring to PCN N° 2014-097-A

■ Last order date of unchanged product:	2016-01-01
■ Last delivery date of unchanged product	2016-07-01

DISCONTINUED				NEW (REPLACEMENT)			
Device	SP N°	OPN	Package	Device	SP N°	OPN	Package
BSR315P L6327	SP000265405	BSR315PL6327HTSA1	PG-SC59-3	BSR315P H6327	SP001101032	BSR315PH6327XTSA1	PG-SC59-3
BSR316P L6327	SP000265407	BSR316PL6327HTSA1	PG-SC59-3	BSR316P H6327	SP001101034	BSR316PH6327XTSA1	PG-SC59-3
BSR92P L6327	SP000265408	BSR92PL6327HTSA1	PG-SC59-3	BSR92P H6327	SP001101038	BSR92PH6327XTSA1	PG-SC59-3

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