

Product / Process Change Notification



N° 2014-023-A

Dear Customer,

Please find attached our INFINEON Technologies PCN:

Introduction of Copper Wire Bond for dedicated products

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 **05. September 2014**.
- 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 4/4

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.

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SUBJECT OF CHANGE: For Infineon's products as mentioned under 'products affected' below, Copper (Cu) bond wires will be implemented.

PRODUCTS AFFECTED: Please refer to 1_cip14023_a attached.

REASON OF CHANGE: It's a part of Infineon's strategy to convert in general its LQFP packages to Cu-W/B related variants.

DESCRIPTION OF CHANGE:	<u>OLD</u>	<u>NEW</u>
<ul style="list-style-type: none"> ■ Bond Wire Material: ■ Wire diameter: ■ Leadframe appearance: ■ Marking: ■ Package dash version: ■ Order (SP) - numbers : 	<p>Gold (Au) wire</p> <p>20µm</p> <p>Standard CuAg leadframe with Sn plating</p> <p>Example: SAK-XC2234L-20F66L AA (for a detailed list please refer to 4_cip14023_a attached)</p> <p>PG-LQFP-64-22</p> <p>SP000859314 SP000859306 SP000859310 SP000846738 SP000914768 SP000870660 SP000847086 SP000859304</p>	<p>PCC (palladium coated copper wire)</p> <p>25µm</p> <p>Rough upgraded uppF</p> <p>SAK-XC2234L-20F66LR AA (for a detailed list please refer to 4_cip14023_a attached)</p> <p>PG-LQFP-64-24</p> <p>SP001251534 SP001251534 SP001251534 SP001217630 SP001217640 SP001217640 SP001217644 SP001251534</p>

- PRODUCT IDENTIFICATION:**
- On Packing Level:
 - Different SP number
 - Package dash version to ref to product list
 - Different product marking
 - On Product Level:
 - Identification via lot number

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N° 2014-023-A

TIME SCHEDULE:

- Final qualification report: available
- First samples available: September 2014
- Start of delivery: March 2015
- Last order date of unchanged product: 30-January-2015 See page 4/4
- Last delivery date of unchanged product: 31-July-2015 See page 4/4

ASSESSMENT:

No impact on fit, form or function. No change in data sheet.
Based on the qualification to be performed, Infineon does not expect any negative impact on quality, function and reliability.

DOCUMENTATION:

- 1_cip14023_a Affected product list
- 2_cip14023_a Qualification report
- 4_cip14023_a Salesnames incl. SP - numbers_old vs. new

PRODUCT DISCONTINUATION

PD14023a



referring to PCN N° 2014-023-A

■ Last order date of unchanged product:	2015-01-30
■ Last delivery date of unchanged product	2015-07-31

DISCONTINUED				NEW (REPLACEMENT)		
Device	SP N°	OPN	Package	Device	SP N°	Package
SAF-XE162FL-12F80L AA	SP000859314	XE162FL12F80LAAFQSA1	PG-LQFP-64-22	SAK-XE162FL-20F80LR AA	SP001251534	PG-LQFP-64-24
SAF-XE162FL-20F80L AA	SP000859306	XE162FL20F80LAAFQSA1	PG-LQFP-64-22	SAK-XE162FL-20F80LR AA	SP001251534	PG-LQFP-64-24
SAF-XE162HL-20F80L AA	SP000859310	XE162HL20F80LAAFQSA1	PG-LQFP-64-22	SAK-XE162FL-20F80LR AA	SP001251534	PG-LQFP-64-24
SAK-XC2234L-20F66L AA	SP000846738	XC2234L20F66LAAKXUMA1	PG-LQFP-64-22	SAK-XC2234L-20F66LR AA	SP001217630	PG-LQFP-64-24
SAK-XC2331D-12F66L AA	SP000914768	XC2331D12F66LAAKFUMA1	PG-LQFP-64-22	SAK-XC2331D-20F66LR AA	SP001217640	PG-LQFP-64-24
SAK-XC2331D-20F66L AA	SP000870660	XC2331D20F66LAAKXUMA1	PG-LQFP-64-22	SAK-XC2331D-20F66LR AA	SP001217640	PG-LQFP-64-24
SAK-XC2733X-20F66L AA	SP000847086	XC2733X20F66LAAKXUMA1	PG-LQFP-64-22	SAK-XC2733X-20F66LR AA	SP001217644	PG-LQFP-64-24
SAK-XE162FL-20F66L AA	SP000859304	XE162FL20F66LAAKXUMA1	PG-LQFP-64-22	SAK-XE162FL-20F80LR AA	SP001251534	PG-LQFP-64-24

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