

Product / Process Change Notification



N° 2013-010-A2 !! UPDATE !!

- Updated Information in **BLUE TYPE** and **GREEN TYPE**
- Master (Original PCN) N° 2013-010-A dated 31. January 2013

Dear Customer,

Attached please find an updated PCN 2013-010-A for your attention.

Updates covered by A1 version:

Time schedule:

1. First (PCN) samples and Q-results availability postponed (refer to page 4)
2. Last order and last delivery date postponed (refer to page 4 and page 5)
3. New SP number and package variant replacing the old one added (refer to page 5)

Updates covered by A2 version:

Time schedule (refer to page 4):

1. .Q-report: available
2. PCN samples ,available' and ,start of delivery' postponed

Description of change (refer to page 3):

1. Change of package dash version added
2. Change of SP-number (old vs. new) added
3. Change of Salesname added

Product discontinuation:

1. Replacing SP-number corrected
2. Salesname (new) modified.

Documentation:

1. Qualification report added

Implementation of several changes for product family TC1197 & TC1797 in package BGA-416-10

- This PCN includes a **Product Discontinuation Notice** on page 5/5

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

Disclaimer:

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 several changes for product family TC1197 & TC1797 in package BGA-416-10.
(For more details please refer to description of the change on this page and the customer information package ~~3_cip01013_a1~~ **3_cip01013_a2** attached).

PRODUCTS AFFECTED:	Type	SP n°	OPN	Package
	SAK-TC1197-512F180E AC	SP000602872	TC1197512F180E ACKXUMA1	PG-BGA-416-10
	SAK-TC1797-512F180E AC	SP000432392	TC1797512F180E ACKDUMA1	P-BGA-416-10
	SAK-TC1797-512F180E AC	SP000478918	TC1797512F180E ACKXUMA1	PG-BGA-416-10
	SAK-TC1797-512F180E AC	SP001030990	TC1797512F180E ACKXUMA2	P-BGA-416-10
	SAK-TC1797-512F180E AC	SP001030992	TC1797512F180E ACKDUMA2	PG-BGA-416-10


REASON OF CHANGE: Infineon's subcontractor AMKOR technology announced officially via PCN all customers about a discontinuance of the Corner Gate Molding (CGM) technology due to standardization to Pin Gate Molding (PGM) in its Korean plants.

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DESCRIPTION OF CHANGE: (for details please ref. to document 3_cip01013_a1 3_cip01013_a2 attached)	<u>OLD</u>	<u>NEW</u>
<ul style="list-style-type: none"> ■ Moulding process: <ul style="list-style-type: none"> ■ Wire material: ■ Singulation process (device): <ul style="list-style-type: none"> ■ Substrate layout: <ul style="list-style-type: none"> ■ Marking layout: ■ Package dash version: ■ Salesname (example): <ul style="list-style-type: none"> ■ SP-number: 	<p>Corner Gate Molding (CGM)</p> <p>Au (20µm)</p> <p>Stamping</p> <p>For details please refer to document 3_cip01013_a attached on page 8.</p> <div style="text-align: center;">  </div> <p>BGA-416-10</p> <p>SAK-TC1797-512F180E AC</p> <p>SP000602872 SP000432392 SP000478918 SP001030990 SP001030992</p>	<p>Pin Gate Molding (PGM)</p> <p>Cu (20µm)</p> <p>Sawing</p> <p>For details please refer to document 3_cip01013_a1 attached on page 8.</p> <p>No change of marking content and font size but partly marking position change due to 'centered dimples' needed for the mould compound injection. For more details please refer to 'mechanical' samples planned to be available in April'13</p> <p>BGA-416-27</p> <p>SAK-TC1797-512F180EF AC</p> <p>SP001136682 SP001136678 SP001136682 SP001136678 SP001136682</p>

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PRODUCT IDENTIFICATION:

- On Packing Level:
 - Different SP number
- On Product Level:
 - Identification via lot number

TIME SCHEDULE:

	<u>2013-010-A</u>	<u>2013-010-A1</u> <u>2013-010-A2</u>
■ Final qualification plan:	Available (please refer to page -11- in document 3_cip01013_a attached).	Available (please refer to page -11- in document <u>3_cip01013_a1</u> <u>3_cip01013_a2</u> attached).
■ Final qualification report:		available
■ First samples available:	<u>Mechanical samples:</u> April 2013 <u>Final engineering samples:</u> September 2013 <u>Final IFX qualified (PCN) samples:</u> January 2014	<u>Mechanical samples:</u> April 2013 <u>Final engineering samples:</u> September 2013 <u>Final IFX qualified (PCN) samples:</u> <u>April 2014</u> available
■ Start of delivery:	March 2014	<u>June 2014</u> <u>Q3 2014</u>
■ Last order date of unchanged product:	2014-03-31	<u>31-January-2015</u>
■ Last delivery date of unchanged product:	2014-09-30	<u>31-July-2015</u>

ASSESSMENT:

Infineon will ensure based on the qualifications planned, that there will be no impact on fit, form & function, quality and reliability of the products affected.

DOCUMENTATION:

<u>2_cip01013_a2:</u>	<u>Qualification report</u>
<u>3_cip01013_a1</u> <u>3_cip01013_a2:</u>	Additional information (incl. qualification plan)

PRODUCT DISCONTINUATION

PD13010A2



Referring to PCN N° 2013-010-A2 !! UPDATE !!

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■ Last order date of unchanged product:	2014-03-31	31.01.2015
■ Last delivery date of unchanged product	2014-09-30	31.07.2015

DISCONTINUED				NEW (REPLACEMENT)		
Device	SP N°	OPN	Package	Device	SP N°	Package
SAK-TC1197-512F180E AC	SP000602872	TC1197512F180EACKXUMA1	PG-BGA-416-10	SAK-TC1197-512F180E AC SAK-TC1797-512F180EF AC	SP001136660 SP001136682	PG-BGA-416-27
SAK-TC1797-512F180E AC	SP000432392	TC1797512F180EACKDUMA1	P-BGA-416-10	SAK-TC1797-512F180E AC SAK-TC1797-512F180EF AC	SP001136652 SP001136678	P-BGA-416-27
SAK-TC1797-512F180E AC	SP000478918	TC1797512F180EACKXUMA1	PG-BGA-416-10	SAK-TC1797-512F180E AC SAK-TC1797-512F180EF AC	SP001136656 SP001136682	PG-BGA-416-27
SAK-TC1797-512F180E AC	SP001030990	TC1797512F180EACKDUMA2	P-BGA-416-10	SAK-TC1797-512F180E AC SAK-TC1797-512F180EF AC	SP001136678 SP001136678	P-BGA-416-27
SAK-TC1797-512F180E AC	SP001030992	TC1797512F180EACKXUMA2	PG-BGA-416-10	SAK-TC1797-512F180E AC SAK-TC1797-512F180EF AC	SP001136682 SP001136682	PG-BGA-416-27

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