



Advance Product Change Notification

201510005A

Issue Date: 27-Oct-2015

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



QUALITY

Change Category

- | | | | |
|---|---|---|--|
| <input checked="" type="checkbox"/> Wafer Fab process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Design |
| <input checked="" type="checkbox"/> Wafer Fab materials | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Electrical spec./Test coverage | <input type="checkbox"/> Mechanical Specification |
| <input type="checkbox"/> Wafer Fab location | <input type="checkbox"/> Assembly Location | <input type="checkbox"/> Test Location | <input type="checkbox"/> Packing/Shipping/Labeling |

Release of 8 inch wafer diameter for product family BAS516 in SOD523 package

Details of this Planned Change

Release of production using 8 inch wafer diameter for product family BAS516 in SOD523 (SC-79) package.

Old products: Production using 6 inch wafer diameter

Changed products: Production using 6 and 8 inch wafer diameter

Production on 8 inch wafer diameter implies the use of the respective 8 inch wafer process technology.

Why do we Plan this Change

To increase flexibility and volume ramp-up.

Identification of Affected Products

The 8 inch products can be identified by a marker on the die surface.

Product Availability

Sample Information

Samples are available upon request

Samples can be ordered now and will be shipped latest with FPCN issue date.

Production

Planned first shipment 01-Apr-2016

Impact

No impact to the products' functionality anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Supply using 6 inch wafer will be continued.

Related Notifications

Notification	Issue Date	Effective Date	Title
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201002009F	04-Jun-2010		BAV99, release of production using 8 inch wafer diameter
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Additional information

Affected products and sales history information: see attached file

Self qualification: view online

Timing and Logistics

The Self Qualification Report will be ready on 26-Nov-2015.

The Final PCN is planned to be issued on: 26-Nov-2015.

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 26-Nov-2015.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

Name GA Customer Support

e-mail address DiscrQA.Helpdesk.GA-Products@nxp.com

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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NXP Semiconductors

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Changed Orderable Part#

BAS516,115

BAS516,135

