



## Final Product Change Notification

201301017F01

**Issue Date:** 28-Apr-2013  
**Effective Date:** 14-Sep-2013

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### Change Category

<input checked="" type="checkbox"/> Wafer Fab process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input checked="" 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 and new die design

### Details of this Change

Release of production using 8 inch wafer diameter and new die design for products in SOT23 and SOT323 package.

Old products: Production using 6 inch wafer diameter

Changed products: Production using 8 inch wafer diameter and new die design.

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

Reliability qualification and full electrical characterization over temperature have been performed. No change on thermal behavior or mechanical dimensions. Electrical parameters remain unchanged (in specification and within the same distribution).

### Why do we Implement this Change

Increased flexibility and volume ramp-up.

### Identification of Affected Products

Changed products can be identified by lot No. after implementation

## Product Availability

### Sample Information

Samples are available upon request  
Latest sample request date for PCN samples is May 24, 2013.

### Production

Planned first shipment 01-Oct-2013

## Impact

No change on external dimensions or mechanical behaviour. Electrical parameters are unchanged (in specification and with the same distribution).

### Data Sheet Revision

No impact to existing datasheet

### Disposition of Old Products

Existing inventory will be shipped until depleted

## Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 28-May-2013.

## 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](mailto:DiscrQA.Helpdesk.GA-Products@nxp.com)

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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