



## Final Product Change Notification

201507002F01

**Issue Date:** 30-Nov-2015

**Effective Date:** 13-Mar-2016

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# 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 low VF Schottky diodes

### Details of this Change

Release of production using 8 inch wafer diameter for products in SOD123W and SOD128 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 Implement 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

Latest sample request date for PCN samples is 30-Dec-2015.

#### Production

Planned first shipment 11-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.

### Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 30-Dec-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](mailto:DiscrQA.Helpdesk.GA-Products@nxp.com)

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NXP Quality Management Team.

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