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Final Product Change Notification | 201603018F01

Issue Date: 13-Jun-2016
Effective Date: 25-Sep-2016
Dear

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QUALITY

Change Category

[X] Wafer Fab Process	[ ] Assembly Process	[ ] Product Marking	[ ] Test Process	[ ] Design
[X] Wafer Fab Materials	[ ] Assembly Materials	[ ] Mechanical Specification	[ ]Test Equipment	[ ] Errata
[ ] Wafer Fab Location	[ ] Assembly Location	[ ] Packing/Shipping/Labeling	[ ] Test Location	[ ] Electrical spec./Test coverage

Release of 8 inch wafer diameter for bidirectional ESD protection diodes

Details of this Change

Release of production using 8 inch wafer diameter for bidirectional ESD protection diodes in SOD323 (SC-76), SOD523 (SC-79) and SOT23 packages. In addition the thickness of the top metallization of the affected protection diodes will be adapted.

Old products: Production using 6 inch wafer diameter, top side metallization thickness 1.65µm
Changed products: Production using 6 and 8 inch wafer diameter, top side metallization thickness 1.75µm for 8 inch wafers

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 15-July-2016
Production
Planned first shipment 26-Sep-2016

Impact

No impact to the products' functionality anticipated.
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 13-Jul-2016.

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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Part Numbers Affected
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PESD5V0S1BB,115