

Final Product Change Notification

201612026F01

Issue Date: 30-Mar-2017
Effective Date: 12-Jul-2017

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



Change Category

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

Release of 8 inch wafer diameter for ESD protection diode

Details of this Change

Release of production using 8 inch wafer diameter for ESD protection diodes in SOD882 package.

Old products: Production using 6 inch wafer diameter, top side metallisation thickness 1.4µm and wafer back side coating (WBC).

Changed products: Production using 8 inch wafer diameter, top side metallisation thickness 1.5µm and die attach foil (DAF).

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

Changed products can be identified by date code after implementation.

Product Availability

Sample Information

Samples are available upon request
 Latest sample request date for PCN samples is 29-Apr-2017.

Production

Planned first shipment 12-Jul-2017

Impact

No impact to the product functionality anticipated.

Disposition of Old Products

Existing inventory will be shipped until depleted

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 29-Apr-2017.

Contact and Support

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

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

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

e-mail address discrqa.helpdesk.ga-products@nexperia.com

At Nexperia B.V we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

Nexperia Quality Management Team.

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About Nexperia B.V

We at Nexperia are the efficiency semiconductor company. We deliver over 70 billion products a year and as such service thousands of global customers, both directly and through our extensive network of channel partners. We are at the heart of billions of electronic devices in the Automotive, Mobile, Industrial, Consumer, Computing, and Communication Infrastructure segments.

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Nexperia B.V.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
PESD5V0F1BL,315	934062806315	PESD5V0F1BL	Protection Diode	SOD882	SOD2	RFS	BL Logic and Protection