

Final Product Change Notification

201911006F01

Issue Date: 11-Jan-2020

Effective Date: 25-Apr-2020

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

Wafer Fab Process

Wafer Fab Materials

Wafer Fab Location

Assembly Process

Assembly Materials

Assembly Location

Product Marking

Mechanical Specification

Packing/Shipping/Labeling

Test Location

Test Process

Test Equipment

Design

Errata

Electrical spec./Test coverage

Release of 8 inch wafer diameter for low leakage switching diodes

Details of this Change

Release of 8 inch wafer diameter for switching diodes in various packages.

Old products: Production using 6 inch wafer diameter.

Changed products: Production using 6 and 8 inch wafer diameter.

Please refer to the Self Qualification Report for details and list of affected product types.

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

Why do we implement this Change

- Improved supply situation by capacity expansion in the waf fab
- State of the Art technology by continuous alignment with world class technology trends
- Increased flexibility and improved volume ramp-up

Identification of Affected Products

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

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 05-February-2020.

Production

Planned first shipment 20-Apr-2020

Impact

No impact on the products' functionality anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory will be shipped until depleted

Supply using 6 inch wafer will be continued in parallel to 8 inch wafer production.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 10-Feb-2020. Lack of acknowledgement of the PCN constitutes acceptance of the change.

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.

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

About Nexperia B.V.

We at Nexperia are the efficiency semiconductor company. We deliver over 90 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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Affected Part Numbers

BAS116,235

BAS116H,115

BAS416F

BAS416Z

BAW156VL

BAV199W,115

BAS716,115

BAW156,215

BAS416,115

BAV170,215

BAS116,215

BAV199,215

BAV199,235