

Final Product Change Notification

201811009F01U01

Issue Date: 09-Jan-2019
Effective Date: 15-Apr-2019

UPDATE

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 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 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 general-purpose Schottky diodes

Details of this Change

Release of 8 inch wafer diameter for general-purpose Schottky diodes and Schottky barrier rectifiers. In addition the top side metallization of the affected diodes will be adapted for standardization reasons.

Old products: Production using 6 inch wafer diameter, top side metallization with 1.6µm

Changed products: Production using 6 and 8 inch wafer diameter, top side metallization with 1.5µm (for 8 inch wafer)

Selected types have a change of wire material from Au to Cu with release of 2nd source mold compound and release of lead frame design version SOT323 R1 that have been announced for structurally similar types with previous PCNs as denoted in attached document.

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.

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 31-Jan-2019.

Production

Planned first shipment 01-May-2019

Update Information

This update informs about the new contact address for PCN-related questions.

The content and schedule of this notification is not affected by this update.

Impact

No impact to 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.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 08-Feb-2019. 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.

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About Nexperia B.V.

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Affected Part Numbers

BAS40-04W,115	BAS40-04,215
PMEG4002EJ,115	BAS70-05W,115
PMEG4020EPA,115	BAS40-04,235
BAS70-04,215	PMEG4002EL,315
BAT854CW,115	BAT165AX
BAS40L,315	1PS70SB45,115
BAT46WJ,115	1PS79SB30,115
PMEG6020EPA,115	BAS70-05,215
RB520S30,115	RB751CS40,315
PMEG6010CEJ,115	BAS40H,115
RB751V40,115	PMEG3010CEH,115
BAS70XY,115	PMEG3010CEJ,115
BAS70-07,215	BAS70L,315
BAS40,215	BAT160S,115
BAS40-06,215	BAT854W,115
1PS76SB40,115	PMEG4010CEH,115
BAS40-05,215	BAT854SW,115
1PS70SB44,115	BAS70-04W,115
BAS70-06,215	PMEG4002ELD,315
PMEG4010CEJ,115	BAS70W,115
BAS40,235	RB520CS30L,315
BAS40-06W,115	BAT160A,115
PMEG4002EB,115	PMEG6020EPASX
1PS79SB30,135	BAS70,215
BAS40-07,215	BAS70-07S,115
BAT160C,115	1PS79SB40,115
PMEG4005CEJX	PMEG4010CPA,115
BAT854CW,135	1PS79SB70,115
RB751S40,115	1PS76SB70,115
PMEG6010CEH,115	1PS76SB70,135
BAT46WH,115	PMEG4010CPASX
BAS40-05W,115	PMEG4020EPASX
BAS70H,115	BAT854AW,115
PMEG6010CPA,115	1PS76SB40,135
BAS70-06W,115	