

Customer Information Notification

201703005I

Issue Date: 27-Mar-2017
Effective Date: 12-May-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 type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Location | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input 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 |

Process Optimisation of T3 LFPK Metallisation

Information Notification

Nexperia are consolidating existing T3 process variants to one flow to optimise production. The process has been optimised by selecting the best combination of metallisation and TEOS to deliver the most planarised structure possible within the process window.

Why do we issue this Information Notification

To enhance quality of the final product and simplify wafer production

Identification of Affected Products

By date code

Impact

no impact to the product's functionality anticipated.
 No impact to electrical performance of the product. Reliability performance is enhanced.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory will be shipped until depleted

Remarks

This optimisation has been qualified in accordance with AEC Q101 and ZVEI-DeQuMa (SEM-PW-10)

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 powermos.pcn@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 |

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
BUK7Y12-55B,115	934063307115	BUK7Y12-55B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y12-55B,115	934063309115	BUK9Y12-55B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK7Y08-40B,115	934063311115	BUK7Y08-40B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y40-55B,115	934058367115	BUK9Y40-55B	<=60V N CHANNEL TRENCHFET	SOT669	LFPAK	RFS	BL MOS Discretet
BUK7Y18-75B,115	934063302115	BUK7Y18-75B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y19-75B,115	934063305115	BUK9Y19-75B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y27-40B,115	934063314115	BUK9Y27-40B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y09-40B,115	934063313115	BUK9Y09-40B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y14-40B,115	934060172115	BUK9Y14-40B	<=60V N CHANNEL GEN3 TRENCHFET	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y19-55B,115	934058366115	BUK9Y19-55B	<=60V N CHANNEL TRENCHFET	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y30-75B,115	934058726115	BUK9Y30-75B	<=100V N CHANNEL TRENCHFET	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y104-100B,115	934063324115	BUK9Y104-100B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y53-100B,115	934061027115	BUK9Y53-100B	>=100V N CH GEN 3.3 TRENCH	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y58-75B,115	934063306115	BUK9Y58-75B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet
BUK9Y22-30B,115	934063319115	BUK9Y22-30B	9603 AUTO TRENCH 3	SOT669	LFPAK	RFS	BL MOS Discretet