

Final Product Change Notification

201812006F01U01

Issue Date: 11-Oct-2019
Effective Date: 08-Jan-2020

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

Dual Sourcing of Diffusion for Trench 6 MOSFET Product

Details of this Change

To improve supply security Nexperia have qualified additional wafer processing and wafer test for Trench 6 LFPK automotive types at Vanguard International Semiconductors, Taiwan. Nexperia will continue to use Nexperia, Manchester, UK for wafer diffusion along with Vanguard. Assembly and final test is unchanged at Nexperia, Cabuyao, Philippines.

Why do we implement this Change

To meet customer expectations for second sourcing as a business contingency. From implementation date Nexperia will have increased supply security provided by multiple manufacturing locations.

Identification of Affected Products

Top side marking
 Diffusion location identified on the 3rd line of marking, PEm for Manchester (DMAN) and Prm for Vanguard (VIS)

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment 01-Jul-2019

Update Information

Due to changes in the market forecast and the product mix the product list has been updated to remove the following types from the notification

- BUK9Y7R6-40E
- BUK9Y29-40E
- BUK7Y4R8-60E
- BUK9Y4R8-60E
- BUK9Y3R0-40E
- BUK9Y3R5-40E

Impact

no impact to the product's functionality anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

N/A

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 09-Nov-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.

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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Nexperia B.V.

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Affected Part Number

BUK9Y4R8-60E,115

BUK7Y4R8-60EX

BUK9Y25-60E,115

BUK9Y43-60E,115

BUK9Y59-60E,115

BUK9Y3R0-40E,115

BUK9Y3R5-40E,115

BUK9Y7R6-40E,115

BUK9Y29-40E,115

BUK7Y59-60EX

BUK7Y7R6-40EX

Affected 12NC

934067017115

934067436115

934067023115

934067024115

934067025115

934067043115

934067044115

934067046115

934067049115

934067417115

934067432115