



**Product Change Notification** **CN-202210008F**

**Issue date:** 07 Oct 2022  
**Effective date:** 19 Jan 2023  
Here's your personalized quality information concerning products our customers and partners purchased from Nexperia.  
For more details please contact your respective Nexperia CSR/AM.



**Dual Sourcing of Diffusion for Trench 9 MOSFET Products**

**Change Category**

- Wafer
- Fab
- Process
- Wafer
- Fab
- Material
- Wafer
- Fab
- Location
- Assembl
- Process
- Assembl
- Materials
- Assembl
- Location
- Product Marking
- Mechanical
- Specification
- Packing/Shipping/Labelin
- g
- Test
- Location
- Test
- Process
- Test
- Equipmen
- Design
- Errata
- Electrical
- spec./Tes
- t
- coverage

**Details of this change**

To improve supply security Nexperia have qualified an additional wafer processing and wafer test location for Trench 9 LFPAK types at Newport Wafer Fab. Upon release Nexperia will have dual source diffusion with production at Vanguard, Taiwan and Nexperia, Newport. Assembly and final test is unchanged

CN-202210008FPCN-Delta-Qualification-Matrix-ZVEI-4\_1.xlsm:  
[https://qcm.nexperia.com/Document/DOC-544797/CN-202210008FPCN-Delta-Qualification-Matrix-ZVEI-4\\_1.xlsm](https://qcm.nexperia.com/Document/DOC-544797/CN-202210008FPCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm)

CN-202210008FPCN-FORM-Rev\_5\_0\_2.xlsm:  
[https://qcm.nexperia.com/Document/DOC-544798/CN-202210008FPCN-FORM-Rev\\_5\\_0\\_2.xlsm](https://qcm.nexperia.com/Document/DOC-544798/CN-202210008FPCN-FORM-Rev_5_0_2.xlsm)

CN-202210008FT9DualSourceDiffusion.pdf:  
<https://qcm.nexperia.com/Document/DOC-544795/CN-202210008FT9DualSourceDiffusion.pdf>

### **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

## **Product availability**

### **Production**

Planned first shipment: 09 Jan 2023

### **Sample information**

Samples are available upon request

## **Impact**

No impact to the product's functionality anticipated

### **Data sheet revision**

No impact to existing datasheet

### **Disposition of old products**

Not applicable

### **Feedback**

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 06 Nov 2022. Lack of acknowledgement of the PCN constitutes acceptance of the change.

## **Additional information**

[View Change Notification Online](#)

## **Contact and support**

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: [pcn@nexperia.com](mailto:pcn@nexperia.com)

In case of distribution, please contact you distribution partner.

## **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.

You have received this email because you are a designated contact or subscribed to Nexperia Quality Notifications. Nexperia shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.  
If you would like to adjust your mailing preferences, please [click here](#).



SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecificIndicator	BusinessLine_description
934660371115	BUK7J1R0-40HX		BUK7J1R0-40H	BUK7J1R0-40H	SOT1023	4 LEADS	RFS	No	MOS Discretes
934660082115	BUK7J1R4-40HX	BUK7J1R4-40HX	BUK7J1R4-40H	BUK7J1R4-40H	SOT1023	4 LEADS	RFS	No	MOS Discretes
934660561118	BUK7S1R0-40HJ	BUK7S1R0-40HJ	BUK7S1R0-40H	BUK7S1R0-40H	SOT1235	LFPK88	RFS	No	MOS Discretes
934660381115	BUK7Y1R4-40HX		BUK7Y1R4-40H	BUK7Y1R4-40H	SOT669	LFPK	RFS	No	MOS Discretes
934069303115	BUK7Y1R7-40HX		BUK7Y1R7-40H	BUK7Y1R7-40H	SOT669	LFPK	RFS	No	MOS Discretes
934069304115	BUK7Y2R0-40HX	BUK7Y2R0-40HX	BUK7Y2R0-40H	BUK7Y2R0-40H	SOT669	LFPK	RFS	No	MOS Discretes
934660084115	BUK7Y2R5-40HX		BUK7Y2R5-40H	BUK7Y2R5-40H	SOT669	LFPK	RFS	No	MOS Discretes