



**Product Change Notification** **CN-202210027F**

**Issue date:** 21 Oct 2022  
**Effective date:** 02 Feb 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.



**Extending Vanguard Manufacturing Capability to Include Sample Wafer Test (T6)**

**Change Category**

- |   |   |  |   |   |
|---|---|--|---|---|
| <input type="checkbox"/> Wafer Fab Process  | <input type="checkbox"/> Assembly           | <input type="checkbox"/> Product Marking           | <input checked="" type="checkbox"/> Test Location | <input type="checkbox"/> Design                         |
| <input type="checkbox"/> Wafer Fab Material | <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 |

**Details of this change**

Vanguard International Semiconductors (VIS) have informed Nexperia that they will extend their manufacturing capability to include sample wafer test and associated processing steps within their sites in Taiwan. Having this vertically integrated capability reduces their reliance on their external parties and improves production workflow. Finished product will be unaffected by this change as assembly and final test of the products remains unchanged.

CN-202210027FPCN-Delta-Qualification-Matrix-ZVEI\_VISPSI.xlsm:  
[https://qcm.nexperia.com/Document/DOC-545416/CN-202210027FPCN-Delta-Qualification-Matrix-ZVEI\\_VISPSI.xlsm](https://qcm.nexperia.com/Document/DOC-545416/CN-202210027FPCN-Delta-Qualification-Matrix-ZVEI_VISPSI.xlsm)

CN-202210027FQualificationData.pdf:  
<https://qcm.nexperia.com/Document/DOC-545415/CN-202210027FQualificationData.pdf>

CN-202210027FPCN-FORM-Rev\_5\_0\_2.xlsm:  
[https://qcm.nexperia.com/Document/DOC-545417/CN-202210027FPCN-FORM-Rev\\_5\\_0\\_2.xlsm](https://qcm.nexperia.com/Document/DOC-545417/CN-202210027FPCN-FORM-Rev_5_0_2.xlsm)

### **Why do we implement this change?**

To simplify the production process and improve workflow of wafers supplied from Vanguard

### **Identification of affected products**

Product Identification does not change

## **Product availability**

### **Production**

Planned first shipment: 21 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 20 Nov 2022. Lack of acknowledgement of the PCN constitutes acceptance of the change.

## **Additional information**

[View Change Notification Online](#)

### **Remarks**

Nexperia have already announced and released T9 products for the same change under CN-202204007F

## **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.

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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecificIndicator	BusinessLine_description
934066432118	BUK761R7-40E.118		BUK761R7-40E	BUK761R7-40E	SOT404A	D2PAK	RFS	No	MOS Discretes
934067438115	BUK7Y8R7-60EX	BUK7Y8R7-60EX	BUK7Y8R7-60E	BUK7Y8R7-60E	SOT669	LFPAK	RFS	No	MOS Discretes