



**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**

- Wafer
- Fab
- Process
- Wafer
- Fab
- Material
- Wafer
- Fab
- Location
- Assembly
- Process
- Product Marking
- Mechanical Specification
- Packing/Shipping/Labeling
- Test Location
- Test Process
- Test Equipment
- Design
- Errata
- 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.

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