



## Product Change Notification

CN-202210007F

**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

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

## Details of this change

To improve supply security Nexperia have qualified an additional wafer processing and wafer test location for Trench 9 LFPAC 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-202210007FT9DualSourceDiffusion.pdf:  
<https://gcm.nexperia.com/Document/DOC-544812/CN-202210007FT9DualSourceDiffusion.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: 06 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

N/A

## 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.

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