



**Product Change Notification** **CN-202204022F**

**Issue date:** 04 Jul 2022  
**Effective date:** 16 Oct 2022  
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.



**Release of 8 inch wafer diameter for switching diodes**

<b>Change Category</b>				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wafer	Assembl			
Fab	y			
Process	Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Location	<input type="checkbox"/> Design
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Test Process	<input type="checkbox"/> Errata
Wafer	Assembl	Specification		
Fab	y	<input type="checkbox"/>		
Material	Materials	Packing/Shipping/Labelin	<input type="checkbox"/> Test Equipmen	<input type="checkbox"/> Electrical spec./Tes
s	<input type="checkbox"/>	g	t	t coverage
<input type="checkbox"/>	Assembl			
Wafer	y			
Fab	Location			
Location				

**Details of this change**

Release of 8 inch wafer diameter for switching diodes in various packages.  
Old products: Production using 6 inch wafer diameter.  
Changed products: Production using 6 and 8 inch wafer diameter.  
Please refer to the Self Qualification Report for details and list of affected product types.  
Production on 8 inch wafer diameter implies the use of the respective 8 inch wafer process technology.

CN-FORM-Rev\_5\_0\_2\_CN-202204022F.xlsm:  
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### **Why do we implement this change?**

- Improved supply situation by capacity expansion in the wafer fab
- State of the Art technology by continuous alignment with world class technology trends
- Increased flexibility and improved volume ramp-up

### **Identification of affected products**

The 8 inch products can be identified by a marker on the die surface.  
Changed products can be identified by date code after implementation.

## **Product availability**

### **Production**

Planned first shipment: 17 Oct 2022

Existing inventory will be shipped until depleted

### **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

Supply using 6 inch wafer will be continued in parallel to 8 inch wafer production.

### Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 03 Aug 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.

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