



**Product Change Notification**

**CN-202301017F**

**Issue date:** 04 Oct 2023

**Effective date:** 16 Jan 2024

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 200mm wafer diameter for transient voltage suppressor diodes in SOT1061**

**Change Category**

<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Wafer	Assembl				
Fab	y				
Process	Process	<input type="checkbox"/>	Product Marking	<input type="checkbox"/>	Test
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mechanical	<input type="checkbox"/>	Location
Wafer	Assembl		Specification	<input type="checkbox"/>	Test
Fab	y	<input type="checkbox"/>		<input type="checkbox"/>	Process
Material	Materials		Packing/Shipping/Labelin	<input type="checkbox"/>	Test
s	<input type="checkbox"/>	g		<input type="checkbox"/>	Equipmen
<input type="checkbox"/>	Assembl				t
Wafer	y				coverage
Fab	Location				
Location					

**Details of this change**

Release of 200mm wafer diameter for transient voltage suppressor diodes in SOT1061 package.

Old products: Production using 150mm wafer diameter.

Changed products: Production using 150 and 200mm wafer diameter.

Please refer to the Self Qualification Report for details and list of affected product types.

Production on 200mm wafer diameter implies the use of the respective 200mm wafer process technology

CN-202301017F\_SelfQualificationReport.pdf:

[https://qcm.nexperia.com/Document/DOC-561563/CN-202301017F\\_SelfQualificationReport.pdf](https://qcm.nexperia.com/Document/DOC-561563/CN-202301017F_SelfQualificationReport.pdf)

CN-202301017F\_FORM-Rev\_5\_0\_2.xlsm:

[https://qcm.nexperia.com/Document/DOC-561551/CN-202301017F\\_FORM-Rev\\_5\\_0\\_2.xlsm](https://qcm.nexperia.com/Document/DOC-561551/CN-202301017F_FORM-Rev_5_0_2.xlsm)

CN-202301017F-Delta-Qualification-Matrix-ZVEI-5\_0\_14-2.xlsm:

[https://qcm.nexperia.com/Document/DOC-561528/CN-202301017F-Delta-Qualification-Matrix-ZVEI-5\\_0\\_14-2.xlsm](https://qcm.nexperia.com/Document/DOC-561528/CN-202301017F-Delta-Qualification-Matrix-ZVEI-5_0_14-2.xlsm)

### **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 200mm products can be identified by a marker on the die surface.

## **Product availability**

### **Production**

Planned first shipment: 03 Jul 2023

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

### Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 03 Nov 2023. 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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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecificIndicator	BusinessLine_description
934068079147	PTVS10VU1UPAZ		PTVS10VU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes
934068081147	PTVS12VU1UPAZ	934068081147	PTVS12VU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes
934068082147	PTVS15VU1UPAZ	934068082147	PTVS15VU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes
934068083147	PTVS18VU1UPAZ	934068083147	PTVS18VU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes
934071205147	PTVS20VU1UPAZ		PTVS20VU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes
934071206147	PTVS22VU1UPAZ		PTVS22VU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes
934071207147	PTVS24VU1UPAZ	PTVS24VU1UPAZ	PTVS24VU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes
934068084147	PTVS26VU1UPAZ	934068084147	PTVS26VU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes
934068078147	PTVS7VSU1UPAZ	934068078147	PTVS7VSU1UPA	300 W Transient Voltage S SOT1061		HUSON3	RFS	No	Bipolar Discretes