



**Product Change Notification**

**CN-202303043F**

**Issue date:** 02 May 2023

**Effective date:** 14 Aug 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.



**Change of mold compound, backmetal, lead frame, and clip for 200V PN rectifiers in SOD123 and SOD128**

**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**

Change of mold compound, backmetal, lead frame, and clip for 200V PN rectifiers in SOD123 and SOD128

SQR\_SOD123\_SOD128\_CN-202303043F.pdf:  
[https://qcm.nexperia.com/Document/DOC-553489/SQR\\_SOD123\\_SOD128\\_CN-202303043F.pdf](https://qcm.nexperia.com/Document/DOC-553489/SQR_SOD123_SOD128_CN-202303043F.pdf)

PCN-Delta-Qualification-Matrix-ZVEI-5\_0\_14\_SOD123\_SOD128\_CN-202303043F.xlsm: [https://qcm.nexperia.com/Document/DOC-553491/PCN-Delta-Qualification-Matrix-ZVEI-5\\_0\\_14\\_SOD123\\_SOD128\\_CN-202303043F.xlsm](https://qcm.nexperia.com/Document/DOC-553491/PCN-Delta-Qualification-Matrix-ZVEI-5_0_14_SOD123_SOD128_CN-202303043F.xlsm)

PCN-FORM-Rev\_5\_0\_2SOD123\_SOD128\_CN-202303043F.xlsm:  
[https://qcm.nexperia.com/Document/DOC-553490/PCN-FORM-Rev\\_5\\_0\\_2SOD123\\_SOD128\\_CN-202303043F.xlsm](https://qcm.nexperia.com/Document/DOC-553490/PCN-FORM-Rev_5_0_2SOD123_SOD128_CN-202303043F.xlsm)

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

To improve the long-term stability under thermomechanical stress, the surge current capabilities of the affected products and implement standardization of the products with regard to the backside metallization and lead frame.

### **Identification of affected products**

Top Side Marking

## **Product availability**

### **Production**

Planned first shipment: 17 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

A new datasheet will be issued

## Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 01 Jun 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.

You have received this email because you are a designated contact or subscribed to Nexperia Quality Notifications. Nexperia shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

If you would like to adjust your mailing preferences, please click [here](#).

