



**Product Change Notification** **CN-202207003F**

**Issue date:** 07 Jul 2022

**Effective date:** 19 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.



**Introduction of new Epoxy Mold Compounds (EMC) in SOT23 package - wave 2**

**Change Category**

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

**Details of this change**

Introduction of additional EMCs (epoxy mold compounds) GR646CHN, CV4112 and EME-E500HK in SOT23 package.

Current Products: GR646, 3400FPG (where affected) and EME-E500HK (where affected)

Changed Products: GR646CHN, EME-E500HK, CV4112 (where affected), GR646 (where affected) and 3400FPG (where affected)

CN\_202207003F\_PCN-FORM-Rev\_5\_0\_2.xlsm:

[https://qcm.nexperia.com/Document/DOC-540815/CN\\_202207003F\\_PCN-FORM-Rev\\_5\\_0\\_2.xlsm](https://qcm.nexperia.com/Document/DOC-540815/CN_202207003F_PCN-FORM-Rev_5_0_2.xlsm)

CN\_202207003F\_PCN-Delta-Qualification-Matrix-ZVEI-5\_0\_14.xlsm:

[https://qcm.nexperia.com/Document/DOC-540814/CN\\_202207003F\\_PCN-Delta-Qualification-Matrix-ZVEI-5\\_0\\_14.xlsm](https://qcm.nexperia.com/Document/DOC-540814/CN_202207003F_PCN-Delta-Qualification-Matrix-ZVEI-5_0_14.xlsm)

SQR\_CN-202207003F.pdf: [https://qcm.nexperia.com/Document/DOC-540813/SQR\\_CN-202207003F.pdf](https://qcm.nexperia.com/Document/DOC-540813/SQR_CN-202207003F.pdf)

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

To increase the flexibility and volume ramp-up.

### **Identification of affected products**

Changed product can be identified by date code after implementation.

## **Product availability**

### **Production**

Planned first shipment: 01 Nov 2022

### **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**

New EMCs in addition to the released material (where applicable).

## **Feedback**

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 06 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.**

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](#).



