



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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wafer | Assembl | | Test | Design |
| Fab | y | | Location | Errata |
| Process | Process | <input type="checkbox"/> | Process | Electrical |
| <input type="checkbox"/> | [X] | <input type="checkbox"/> | Equipment | spec./Test |
| Wafer | Assembl | <input type="checkbox"/> | | coverage |
| Fab | y | <input type="checkbox"/> | | |
| Material | Materials | <input type="checkbox"/> | | |
| s | [] | Packing/Shipping/Labelin | | |
| <input type="checkbox"/> | Assembl | g | | |
| Wafer | y | | | |
| Fab | Location | | | |
| Location | | | | |

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

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

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

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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