



Product Change Notification

CN-202309019F

Issue date: 17 Oct 2023

Effective date: 29 Jan 2024

Dear emea-eol-admin@avnet.eu,

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 4

Change Category

- | | | | | |
|--|--|--|---|---|
| <input type="checkbox"/> Wafer Fab Process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Location | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input checked="" type="checkbox"/> Assembly Materials | <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Test Process | <input type="checkbox"/> Errata |
| <input type="checkbox"/> Wafer Fab Location | <input type="checkbox"/> Assembly Location | <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: GR646, GR646CHN, CV4112, EME-E500HK and 3400FPG (where affected)

SQR_CN-202309019F.pdf: https://qcm.nexperia.com/Document/DOC-562390/SQR_CN-202309019F.pdf

CN-202309019F_EMPCN-FORM-Rev_5_0_2.xlsm:
https://qcm.nexperia.com/Document/DOC-562363/CN-202309019F_EMPCN-FORM-Rev_5_0_2.xlsm

CN-202309019F_EMPCN-DeQuMa_ZVEI-5_0_14.xlsm:
https://qcm.nexperia.com/Document/DOC-562362/CN-202309019F_EMPCN-DeQuMa_ZVEI-5_0_14.xlsm

Why do we implement this change?

Increased flexibility and improved volume ramp-up

Identification of affected products

Changed products can be identified by date code after implementation.

Management summary

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

Product availability

Production

Planned first shipment: 01 Mar 2024

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 16 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

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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