nexperia

Final Product Change Notification 202106009F01

Issue Date: 14-Jul-2021
Effective Date: 27-Oct-2021

Here's your personalized quality information concerning products Premier Farnell PLC purchased from Nexperia.
For More details Please Contact your respective Nexperia CSR/AM.

Change Category

[X] Wafer Fab Process
[ ] Wafer Fab Materials
[ ] Wafer Fab Location
[ ] Assembly Process
[X] Assembly Materials
[ ] Assembly Location
[ ] Product Marking
[ ] Mechanical Specification
[ ] Packing/Shipping/Labeling
[ ] Test Location
[ ]Test Process
[ ] Test Equipment
[ ] Design
[ ] Errata
[ ] Electrical spec./Test coverage

Change of back side metallization thickness and introduction of new EMCs in SOT23

Details of this Change

The back side metallization thickness will be changed from 2.15 µm to 1.75 µm.
The change of the back side metallization thickness is combined with the introduction of additional EMCs (epoxy mold compounds) GR646CHN, CV4112 and E500HK.

Following the details:

Current Products
- back side metallization thickness 2.15 µm
- epoxy mold compound: GR646 (where affected) and E500HK (where affected)

Changed Products
- back side metallization thickness 1.75 µm
- epoxy mold compound: GR646 (where affected), CV4112 (where affected), E500HK and GR646CHN

Please find more information in the files linked below:
https://qcm.nexperia.com/change-notification-epcn/SQR_202106009F01.pdf

https://qcm.nexperia.com/change-notification-epcn/202106009F01_DeQuMa_PCN-Form.zip

Why do we Implement this Change
- to increase efficiency of volume production
- to increase flexibility and volume ramp-up

Identification of Affected Products
Changed product can be identified by date code after implementation.

Product Availability

Sample Information
Samples are available upon request
Latest sample request date for PCN samples is 08-Aug-2021.
Production
Planned first shipment 01-Nov-2021

Impact

No impact to the products' functionality anticipated.
Disposition of Old Products
Existing inventory will be shipped until depleted

Additional information

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 13-Aug-2021. Lack of acknowledgement of the PCN constitutes acceptance of the change.

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:
e-mail address pcn@nexperia.com
In case of distribution, please contact your distribution partner.

At Nexperia B.V. we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

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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