



Product Change Notification **CN-202112017F**

Issue date: 07 Jan 2022
Effective date: 21 Apr 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.



Change of back side metallization thickness in SOT457 package

Change Category

- | | | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | |
| Wafer | Assembl | | | | |
| Fab | | | | | |
| Process | Y | | | | |
| <input type="checkbox"/> | Process | <input type="checkbox"/> | Product Marking | <input type="checkbox"/> | Test Design |
| Wafer | <input type="checkbox"/> | <input type="checkbox"/> | Mechanical | Location | <input type="checkbox"/> |
| Fab | Assembl | | Specification | <input type="checkbox"/> | Test Errata |
| Material | Y | <input type="checkbox"/> | | Process | <input type="checkbox"/> |
| s | Materials | | Packing/Shipping/Labelin | <input type="checkbox"/> | Electrical |
| <input type="checkbox"/> | <input type="checkbox"/> | | g | Equipmen | spec./Tes |
| Wafer | Assembl | | | t | t |
| Fab | Y | | | | coverage |
| Location | Location | | | | |

Details of this change

The back side metallization thickness will be changed from 2.15 µm to 1.75 µm.

Current Products Back side metallization thickness 2.15 µm.
Changed Products Back side metallization thickness 1.75 µm

202112017F_PCN-FORM-Rev_4_0.xlsm:

https://qcm.nexperia.com/Document/DOC-534371/202112017F_PCN-FORM-Rev_4_0.xlsm

SQR_202112017F.pdf: https://qcm.nexperia.com/Document/DOC-534369/SQR_202112017F.pdf

202112017F_PCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm:

https://qcm.nexperia.com/Document/DOC-534370/202112017F_PCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm

Why do we implement this change?

To increase efficiency of volume production.

Identification of affected products

Changed product can be identified by date code after implementation.

Product availability

Production

Planned first shipment: 01 May 2022

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 06 Feb 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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