



Product Change Notification **CN-202212006F**

Issue date: 11 Jan 2023
Effective date: 25 Apr 2023
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 wire diameter in package SOT457 for product PESD24VS5UD

Change Category

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

Details of this change

The wire diameter for product PESD24VS5UD will be changed from 50µm to 22.5µm. The wire material Au remains unchanged. The wire bond process with 22.5µm Au is already released and in production at the assembly site Nexperia ATSN. No change in other package related parameters like die attach, wire routing, mold compound. Die design and active area remain unchanged.

CN-202212006FPCN-FORM-Rev_5_0_2.pdf:

https://qcm.nexperia.com/Document/DOC-548830/CN-202212006FPCN-FORM-Rev_5_0_2.pdf

CN-202212006FDeQuMaZVEI-5_0_14.pdf:

https://qcm.nexperia.com/Document/DOC-548828/CN-202212006FDeQuMaZVEI-5_0_14.pdf

SQRCN-202212006FNexperia.pdf:

<https://qcm.nexperia.com/Document/DOC-548827/SQRCN-202212006FNexperia.pdf>

Why do we implement this change?

Wire bond material will be adapted for standardization reasons. This contributes to the continuous optimization and harmonization of our production.

Identification of affected products

Changed products can be identified by date code after implementation.

Product availability

Production

Planned first shipment: 03 Jul 2023

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 10 Feb 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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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecificIndicator	BusinessLine_description
934058436115	PESD24V5SUD,115	PESD24V5SUD,115	PESD24V5SUD	Fivefold ESD protection di	SOT457	SC-74	RFS	No	Bipolar Discretes