



Product Change Notification

CN-202206017F

Issue date: 27 Sep 2022

Effective date: 09 Jan 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.

Quality



Introduction of Cu-wire for ESD protection diodes in SOT1176

Change Category

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wafer	Assembly	<input type="checkbox"/>	<input type="checkbox"/>
Fab	Process	<input type="checkbox"/>	<input type="checkbox"/>
Process	Process	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wafer	Assembly	<input type="checkbox"/>	<input type="checkbox"/>
Fab	Materials	<input type="checkbox"/>	<input type="checkbox"/>
Materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	Assembly	<input type="checkbox"/>	<input type="checkbox"/>
Wafer	Location	<input type="checkbox"/>	<input type="checkbox"/>
Fab		<input type="checkbox"/>	<input type="checkbox"/>
Location		<input type="checkbox"/>	<input type="checkbox"/>

Details of this change

Implementation of 18um Cu-wire bonding for the products PUSB3FR4, PHDMI2FR4, PUSB3FA1, PUSB3FA3, PUSB3FR4/S600 and PUSB3FR4/S711 in SOT1176 package instead of 18um Au-wire bonding.

SQR_CN-202206017F.pdf: https://qcm.nexperia.com/Document/DOC-543826/SQR_CN-202206017F.pdf

Why do we implement this change?

Aligning with world technology standards, Nexperia continues to introduce copper wire for plastic SMD packages. Copper wire shows enhanced mechanical properties

Identification of affected products

The changed products can be identified by the date code and batch number on box & reel label.

Management summary

Introduction of Cu-wire for ESD protection diodes in SOT1176

Product availability

Production

Planned first shipment: 02 Jan 2023

Existing inventory will be shipped until depleted

Sample information

Samples are available upon request

Impact

No impact to the product's functionality anticipated

Products will be unchanged regarding fit, form and function.

Data sheet revision

No impact to existing datasheet

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 06 Nov 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 your 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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