

Final Product Change Notification

201912001F01

Issue Date: 01-Jul-2020
Effective Date: 13-Oct-2020
 Dear *Emma Tempest*,

Here's your personalized quality information concerning products Premier Farnell PLC purchased from Nexperia. For detailed information we invite you to [view this notification online](#)



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 |

Change of clip design and mold compound of Trench Schottky rectifier in SOD123W

Details of this Change

The design of the clip-bond as well as the mold compound material of 60V Trench Schottky rectifiers in SOD123W is changed.

Current status: current clip-bond design, current mold compound
 New status: new clip-bond design, new mold compound

Please refer to the Self Qualification Report for details and list of affected product types.

Why do we Implement this Change

The changes will be implemented in order to improve mechanical stability of the package. This will make the products capable to fulfill reliability requirements exceeding those of AEC-Q101.

Identification of Affected Products

Changed products 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 31-July-2020.

Production

Planned first shipment 13-Oct-2020

Impact

No impact to the products' functionality anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Affected products and sales history information: see attached file

Self qualification: [view online](#)

Additional documents: [view online](#)

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 31-Jul-2020. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please [contact Nexperia "Global Quality Support Team"](#).

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-Bipolar.Discretes@nexperia.com

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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