

Final Product Change Notification

202010004F01

Issue Date: 01-Jan-2021
Effective Date: 15-Apr-2021
 Dear *Emma Tempest*,

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

- | | | | | |
|---|---|--|---|---|
| <input checked="" 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 checked="" type="checkbox"/> Wafer Fab Materials | <input 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 |

Release of 8 inch wafer diameter for low VF MEGA Schottky barrier rectifier

Details of this Change

Release of production using 8 inch wafer diameter for low VF MEGA Schottky barrier rectifiers.
 Old products: Production using 6 inch wafer diameter
 Changed products: Production using 6 and 8 inch wafer diameter

Adobe will no longer be supporting Flash Player after 31 December 2020 and Adobe will block Flash content from running in Flash Player beginning 12 January 2021. Therefore it is not possible to access the Nexperia ePCN-tool anymore. Please use the below links to access related documentation to this change notification:

SQR_PCN202010004F01.pdf: https://qcm.nexperia.com/change-notification-epcn/SQR_PCN202010004F01.pdf

PCN-FORM_PCN202010004F01.zip: https://qcm.nexperia.com/change-notification-epcn/PCN-FORM_PCN202010004F01.zip

PCN-DeQuMa_PCN202010004F01.zip: https://qcm.nexperia.com/change-notification-epcn/PCN-DeQuMa_PCN202010004F01.zip

[DeQuMa_PCN202010004F01.zip](#)

Why do we Implement this Change

- Capacity expansion in wafer fab
- Next phase in 8 inch release after start with 8 inch implementation in 2010
- Continued alignment with world technology trends on state of the art production tools for discrete components
- Increased flexibility and volume ramp-up

Identification of Affected Products

The 8 inch products can be identified by a marker on the die surface.

Product Availability

Sample Information

Samples are available upon request

Latest sample request date for PCN samples is 31-Jan-2021

Production

Planned first shipment 15-Apr-2021

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

Supply using 6 inch wafer will be continued in parallel to 8 inch wafer production.

Additional information

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 31-Jan-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-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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