

Final Product Change Notification

201807002F01U01

Issue Date: 03-Oct-2018
Effective Date: 11-Jan-2019

UPDATE

Here's your personalized quality information concerning products Digi-Key purchased from Nexperia.
 For detailed information we invite you to view this notification online



Management Summary

Release of 8 inch wafer diameter for PMEG4010EPK

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 PMEG4010EPK

Details of this Change

Release of production using 8 inch wafer diameter for 40 V, 1 A low VF MEGA Schottky barrier rectifier PMEG4010EPK in SOD1608 package.
 In addition the top metallization of the affected Schottky diode will be adapted for standardization reason.

Why do we Implement this Change

To increase flexibility and volume ramp-up.

Identification of Affected Products

The 8 inch products can be identified by a marker on the die surface.
 Changed products can be identified by date code on reel after implementation.

Product Availability

Sample Information

Samples are available upon request
 Latest sample request date for PCN samples is 22-Oct-2018

Production

Planned first shipment 11-Jan-2019

Update Information

We observed a typo in PCN 201807002F01 which was issued 30-Sep-2018.

- Email address changed to: discrqa.helpdesk.ga-products@nexperia.com

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.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 01-Nov-2018. 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 discrqa.helpdesk.ga-products@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 70 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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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
PMEG4010EPK,315	934065384315	PMEG4010EPK	Schottky Diode	SOD1608	SOD1608	RFS	Bipolar Discretes