

**Final Product Change Notification**

202010004F01

**Issue Date:** 01-Jan-2021

**Effective Date:** 15-Apr-2021

Here's your personalized quality information concerning products Digi-Key purchased from Nexperia.  
For More details Please Contact your respective Nexperia CSR/AM.



**Change Category**

Wafer Fab Process

Wafer Fab Materials

Wafer Fab Location

Assembly Process

Assembly Materials

Assembly Location

Product Marking

Mechanical Specification

Packing/Shipping/Labeling

Test Location

Test Process

Test Equipment

Design

Errata

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](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](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](https://qcm.nexperia.com/change-notification-epcn/PCN-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.

### 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.

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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### **Affected Part Numbers**

PMEG3005EB,115	PMEG3005EL,315
PMEG3005ELD,315	PMEG3020EJ,115
PMEG3015EH,115	PMEG3030EP,115
PMEG3020CPA,115	PMEG3010EP,115
PMEG3010ER,115	PMEG3020EP,115
PMEG2020EPA,115	PMEG3020CEP,115
PMEG2005EPK,315	PMEG3020ER,115
PMEG3020EGWX	PMEG3010EB,115
PMEG3020EGWJ	PMEG3020EH,115
PMEG2010ER,115	PMEG2020EPK,315
PMEG3050EP,115	PMEG2020CPA,115
PMEG2020EPASX	PMEG3015EJ,115