

**Customer Information Notification**

2018090011

**Issue Date:** 03-Oct-2018  
**Effective Date:** 31-Dec-2018

Here's your personalized quality information concerning products Digi-Key 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 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 checked="" type="checkbox"/> Electrical spec./Test coverage |

**Data Sheet Update for PESD5V0F1USF**

**Information Notification**

The data sheet of ESD protection device PESD5V0F1USF will be updated. The changes in the revised data sheet are merely editorial corrections. The product remains unchanged. There is no change in electrical and thermal behavior. Only the recently determined maximum clamping voltage value  $V_{cl,max} @ I_{ppm}(3A)$  was adjusted from 10V to 12V and a typical clamping voltage value  $V_{cl,typ} @ I_{ppm}(3A)$  of 10V was introduced.

**Why do we issue this Information Notification**

Update of data sheet.

**Identification of Affected Products**

Product identification does not change

**Impact**

There is no impact to the products' functionality.

**Data Sheet Revision**

A new datasheet will be issued

**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](mailto: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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Nexperia B.V.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Name	Status	Product Line
PESD5V0F1USF,315	934065146315	PESD5V0F1USF	ESD Protection	SOD962	RFS	Logic and Protection