



Customer Information Notification

CN-202112024I

Issue date: 23 Dec 2021

Effective date: 22 Jan 2022

Here's your personalized quality information concerning products our customers and partners purchased from Nexperia.

For more details please contact your respective Nexperia CSR/AM.



Datasheet Correction Typical Clamping Voltage

Notification information

The datasheets of some "Ultra low capacitance bidirectional ESD protection diodes" have been updated to correct a typo in the datasheet regarding the clamping voltage. A full detailed list of the affected Nexperia 12NCs is attached to this CIN.

Why do we issue this notification?

- The datasheet was edited to reflect the correct measurement value for VCL (clamping voltage) under the pulse condition $t_p = 8/20 \mu s$ [according to IEC 61000-4-5]. The measured value does represent a typical value and not a maximum value.
- The datasheet design was updated to the latest Nexperia layout rules.

Management summary

Datasheet Correction Typical Clamping Voltage

Identification of affected products

- No change on the products

Impact

No impact to the product's functionality anticipated

- No technical change of the product (fit, form and functions are unchanged).
- The electrical value for VCL (clamping voltage) remains unchanged as no change of the product is made.

Data sheet revision

A new datasheet will be issued

Disposition of old products

N/A - No change on the product

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: pcn@nexperia.com

In case of distribution, please contact you distribution partner.

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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SalesItem_name	Orderable Part Number
934069617315	PESD3V3C1BSFYL
934069674315	PESD3V3X1BCSFYL
934068766315	PESD5V0C1BSFYL
934068767315	PESD5V0C1USFYL
934068765315	PESD5V0H1BSFYL
934069673315	PESD5V0X1BCSFYL
934660138315	PESD6V5C1USFYL
934660139315	PESD7V0C1BSFYL
934660172315	PESD7V0H1BSFYL