

Final Product Change Notification

201808004F01

Issue Date: 30-Sep-2018
Effective Date: 11-Jan-2019

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 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 PTVSxS1UR series and PTVSxS1UTR series

Details of this Change

Release of 8 inch wafer diameter for Transient Voltage Suppressor (TVS) in SOD123W package (PTVSxS1UR-series and PTVSxS1UTR-series) within the introduction of 8 inch wafer diameter in Nexperia's industrial landscape. Old products: Production using 6 inch wafer diameter. Changed products: Production using 6 and 8 inch wafer diameter.

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.

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

Impact

No change in form, fit, function, quality or reliability anticipated.

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Not applicable, products will continue to be diffused in 6 inch and will continue to ship as needed to meet customer demand.

Related Notifications

Notification Issue Date Effective Date Title

201507002F01 30-Nov-2015 13-Mar-2016 Release of 8 inch wafer diameter for low VF Schottky diodes

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 29-Oct-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 DiscQA.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 |

Nexperia B.V.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
PTVS36VS1UTR,115	934065502115	PTVS36VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS51VS1UR,115	934061371115	PTVS51VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS6V0S1UR,115	934061339115	PTVS6V0S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS20VS1UR,115	934061357115	PTVS20VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS3V3S1UTR,115	934065473115	PTVS3V3S1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS10VS1UTR,115	934065483115	PTVS10VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS60VS1UR,115	934061374115	PTVS60VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS14VS1UTR,115	934065487115	PTVS14VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS26VS1UR,115	934061361115	PTVS26VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS45VS1UR,115	934061368115	PTVS45VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS33VS1UTR,115	934065501115	PTVS33VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS8V0S1UR,115	934061344115	PTVS8V0S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS40VS1UR,115	934061366115	PTVS40VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS43VS1UR,115	934061367115	PTVS43VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS7V0S1UR,115	934061342115	PTVS7V0S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS48VS1UR,115	934061369115	PTVS48VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS18VS1UR,115	934061356115	PTVS18VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS22VS1UR,115	934061358115	PTVS22VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS13VS1UR,115	934061351115	PTVS13VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS15VS1UR,115	934061353115	PTVS15VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS60VS1UTR,115	934065511115	PTVS60VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS3V3S1UR,115	934061337115	PTVS3V3S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS10VS1UR,115	934061347115	PTVS10VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS16VS1UR,115	934061354115	PTVS16VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS30VS1UR,115	934061363115	PTVS30VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS36VS1UR,115	934061365115	PTVS36VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS7V5S1UR,115	934061343115	PTVS7V5S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS14VS1UR,115	934061352115	PTVS14VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS6V0S1UTR,115	934065475115	PTVS6V0S1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS9V0S1UR,115	934061346115	PTVS9V0S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS24VS1UTR,115	934065495115	PTVS24VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS54VS1UR,115	934061372115	PTVS54VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS12VS1UR,115	934061349115	PTVS12VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS5V0S1UR,115	934061338115	PTVS5V0S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS17VS1UR,115	934061355115	PTVS17VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS58VS1UR,115	934061373115	PTVS58VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS6V5S1UR,115	934061341115	PTVS6V5S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS24VS1UR,115	934061359115	PTVS24VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS22VS1UTR,115	934065494115	PTVS22VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS11VS1UR,115	934061348115	PTVS11VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS48VS1UTR,115	934065506115	PTVS48VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS8V5S1UR,115	934061345115	PTVS8V5S1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS33VS1UR,115	934061364115	PTVS33VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS64VS1UR,115	934061375115	PTVS64VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS20VS1UTR,115	934065493115	PTVS20VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS28VS1UR,115	934061362115	PTVS28VS1UR	TVS DIODE	SOD123W	SOD2	RFS	Logic and Protection
PTVS12VS1UTR,115	934065485115	PTVS12VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection
PTVS15VS1UTR,115	934065488115	PTVS15VS1UTR	Protection Diode	SOD123W	SOD2	RFS	Logic and Protection