

TVS Diodes - Transient Voltage Suppressors DIODE ARRAY ESD

Manufacturers	NXP Semiconductor
Package/Case	SOD-523
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PESD12VS1UB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PESD12VS1UB is a part number for a transient voltage suppressor (TVS) diode, which is designed to protect electronic circuits from transient or electrostatic discharge (ESD) events that could damage sensitive components. Here is information about its features, applications, and equivalent parts number list:

Features

TVS diode designed to protect against ESD and other transient events.

Low clamping voltage to minimize the voltage stress on protected components.

Low leakage current to ensure minimal impact on circuit performance.

Small SOD-323 package for space-constrained applications.

RoHS compliant and halogen-free.

Application

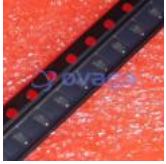
ESD protection for various electronic devices, such as smartphones, tablets, laptops, wearables, and other portable devices.

Protection for USB interfaces, HDMI interfaces, Ethernet ports, and other communication interfaces.

Protection for electronic components and circuits in industrial, automotive, medical, and consumer electronics applications.



Related Products



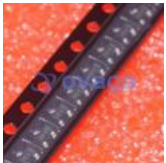
[PESD15VL1BA](#)

NXP Semiconductor
SOT23



[PESD24VS1ULD](#)

NXP Semiconductor
SOD882



[PESD12VL2BT](#)

NXP Semiconductor
SOT-23



[PESD5V0L4UW](#)

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SOT-553



[PESD5V0S1UB](#)

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SOD-52



[PESD3V3LAUG](#)

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SOD-323