

Low capacitance quadruple ESD protection array

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	SOT-553
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PESD5V0L4UW or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

PESD5V0L4UW is a type of TVS diode, which stands for Transient Voltage Suppression diode. It is designed to protect electronic devices from voltage surges or spikes that can occur due to lightning strikes, electrostatic discharges, or other similar events.

## Features

Low capacitance: 5pF maximum

Low clamping voltage: 9.2V at 5A

ESD protection up to  $\pm 20\text{kV}$  (contact discharge) and  $\pm 30\text{kV}$  (air discharge)

RoHS-compliant and halogen-free

## Application

Protection of high-speed data lines such as USB 2.0, HDMI, Ethernet, and DisplayPort

Protection of signal lines in telecommunications equipment, computer systems, and other electronic devices

Protection of automotive electronics, industrial control systems, and medical equipment



### Related Products



#### [PESD15VL1BA](#)

NXP Semiconductor  
SOT23



#### [PESD5V0S1UB](#)

NXP Semiconductor  
SOD-52



#### [PESD24VS1ULD](#)

NXP Semiconductor  
SOD882



#### [PESD12VS1UB](#)

NXP Semiconductor  
SOD-523



[PESD3V3LAUG](#)

NXP Semiconductor



[PESD12VL2BT](#)

NXP Semiconductor  
SOT-23



[PESD5V0L2BT](#)

NXP Semiconductor  
SOT23



[PESD5V0V1BA](#)

NXP Semiconductor  
SOD-323