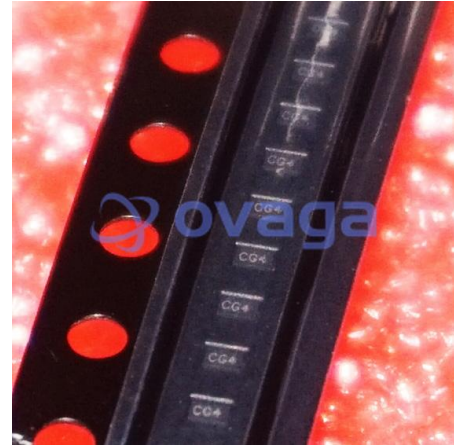


Manufacturers	NXP Semiconductor
Package/Case	SOD882
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PESD24VS1ULD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PESD24VS1ULD is a type of TVS diode (Transient Voltage Suppressor diode) manufactured by Nexperia.

Features

It is a unidirectional ESD (Electrostatic Discharge) protection diode, meaning it can protect against voltage spikes and surges in one direction only.

It has a low clamping voltage of 38V, which means it can effectively protect sensitive electronics against ESD events and other transients.

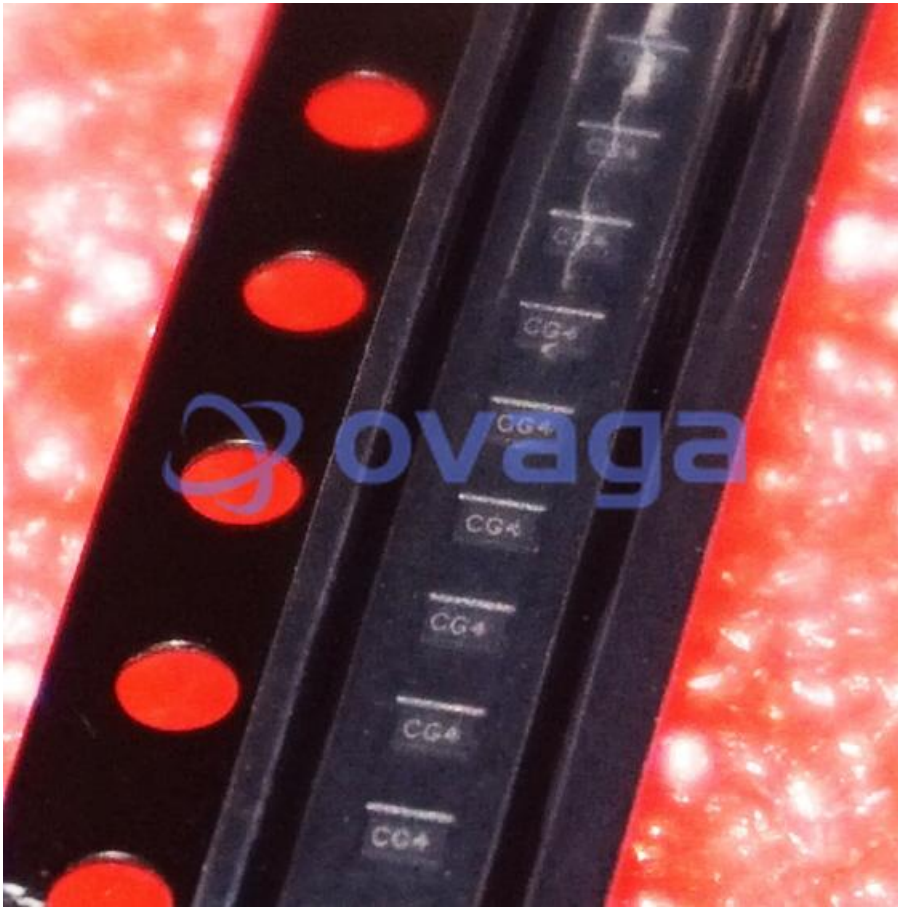
It has a low capacitance of 10pF, which makes it suitable for use in high-speed data and communication lines.

Application

PESD24VS1ULD is commonly used in electronic circuits to protect sensitive components against ESD and other voltage spikes, such as those generated by lightning strikes or electrostatic discharge.

It can be used in a wide range of applications, including smartphones, tablets, laptops, digital cameras, and other portable electronic devices.

It is also suitable for use in high-speed data communication lines, such as USB, Ethernet, and HDMI interfaces.



Related Products



[PESD15VL1BA](#)

NXP Semiconductor
SOT23



[PESD5V0S1UB](#)

NXP Semiconductor
SOD-52



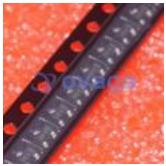
[PESD12VS1UB](#)

NXP Semiconductor
SOD-523



[PESD3V3LAUG](#)

NXP Semiconductor



[PESD12VL2BT](#)

NXP Semiconductor
SOT-23



[PESD5V0L2BT](#)

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SOT23



[PESD5V0LAUW](#)

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SOT-553



[PESD5V0V1BA](#)

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SOD-323