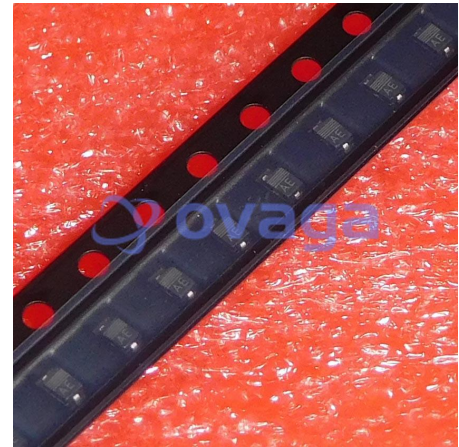


Low capacitance bidirectional ESD protection diodes in SOD323

Manufacturers	NXP Semiconductor
Package/Case	SOT23
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PESD15VL1BA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PESD15VL1BA is a type of Transient Voltage Suppressor (TVS) diode. It is designed to protect electronic circuits from transient voltage events such as Electrostatic Discharge (ESD) and surge transients.

Features

Low capacitance: 0.3 pF (typical)

Low leakage current: 0.1 μ A (maximum)

Operating voltage range: 3.3 V to 15 V

ESD protection up to \pm 15 kV (air discharge) and \pm 8 kV (contact discharge)

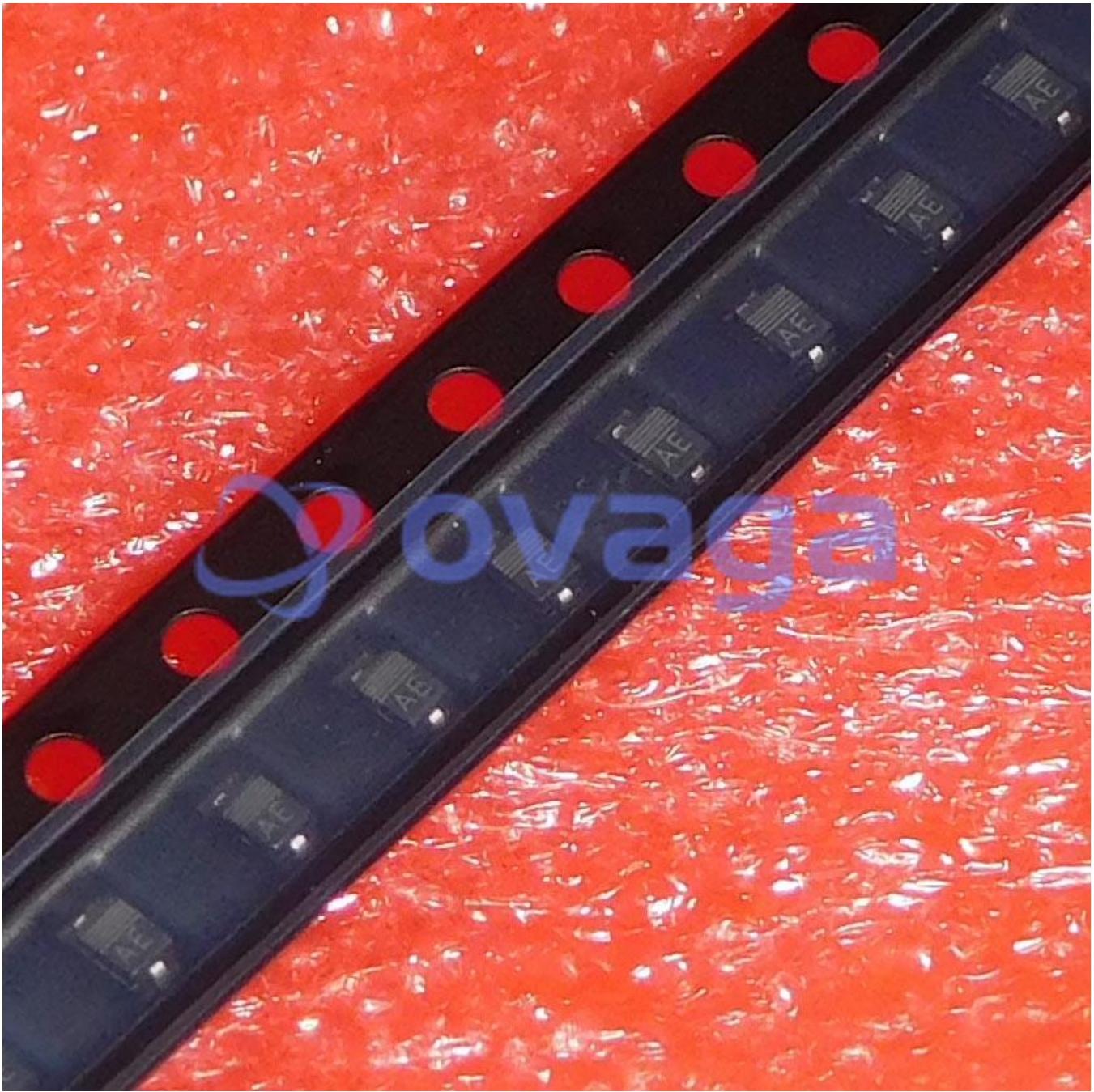
Small surface mount package: SOD-882 (0.62 x 0.32 x 0.28 mm)

Application

Protection of sensitive electronic equipment such as smartphones, tablets, laptops, and wearable devices from ESD and surge transients

Protection of Ethernet ports, HDMI ports, and other communication interfaces from ESD and surge transients

Protection of power supplies, voltage regulators, and other power management circuits from ESD and surge transients





Related Products



[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



[PESD5V0L4UW](#)

NXP Semiconductor
SOT-553



[PESD5V0V1BA](#)

NXP Semiconductor
SOD-323