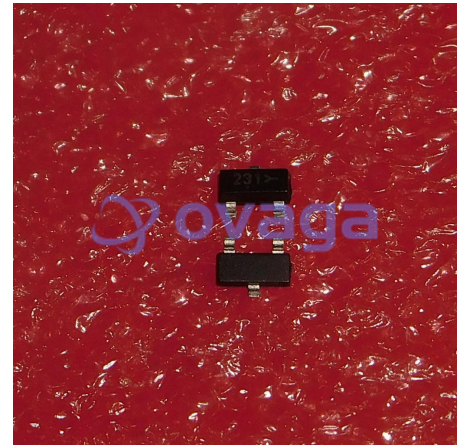


ON SEMICONDUCTOR CM1213A-01SO ESD Protection Device, 1CH, 10V, SOT-23, 3Pins, 3.3V

Manufacturers	ON Semiconductor, LLC
Package/Case	SOT-23-3
Product Type	ESD Suppressors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for CM1213A-01SO or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The CM1213A family of diode arrays has been designed to provide ESD protection for electronic components or subsystems requiring minimal capacitive loading. These devices are ideal for protecting systems with high data and clock rates or for circuits requiring low capacitive loading. Each ESD channel consists of a pair of diodes in series which steer the positive or negative ESD current pulse to either the positive (VP) or negative (VN) supply rail. A Zener diode is embedded between VP and VN, offering two advantages. First, it protects the VCC rail against ESD strikes, and second, it eliminates the need for a bypass capacitor that would otherwise be needed for absorbing positive ESD strikes to ground. These devices are particularly well-suited for protecting systems using high-speed ports such as USB 2.0, IEEE1394 (Firewire®, iLink™), Serial ATA, DVI, HDMI and corresponding ports in removable storage, digital camcorders, DVD-RW drives and other applications where extremely low loading capacitance with ESD protection are required in a small package footprint.

Application

ONSEMI



Related Products



[CM1231-02SO](#)

ON Semiconductor, LLC
SOT23-6



[CM1213-02SO](#)

ON Semiconductor, LLC
SOT-23-5



[CM1213-06SM](#)

ON Semiconductor, LLC
SOIC-8



[CM1213A-02SO](#)

ON Semiconductor, LLC
SC-74



[CM1214A-01SO](#)

ON Semiconductor, LLC
SOT-23-3



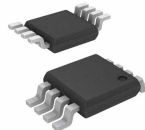
[CM1213-08MR](#)

ON Semiconductor, LLC
MSOP-10



[CM1293A-02SR](#)

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SOT-143



[CM1213-06MR](#)

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