

## ESD Suppressors 2-Channel ESD Protection Array

|               |                              |
|---------------|------------------------------|
| Manufacturers | <u>ON Semiconductor, LLC</u> |
| Package/Case  | SOT-23-5                     |
| Product Type  | ESD Suppressors              |
| RoHS          | Rohs                         |
| Lifecycle     |                              |



Images are for reference only

Please submit RFQ for CM1213-02SO or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

for electronic components or sub-systems 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. The CM1213 will protect against ESD pulses up to  $\pm 8\text{kV}$  per the IEC 61000-4-2 standard.

## Features

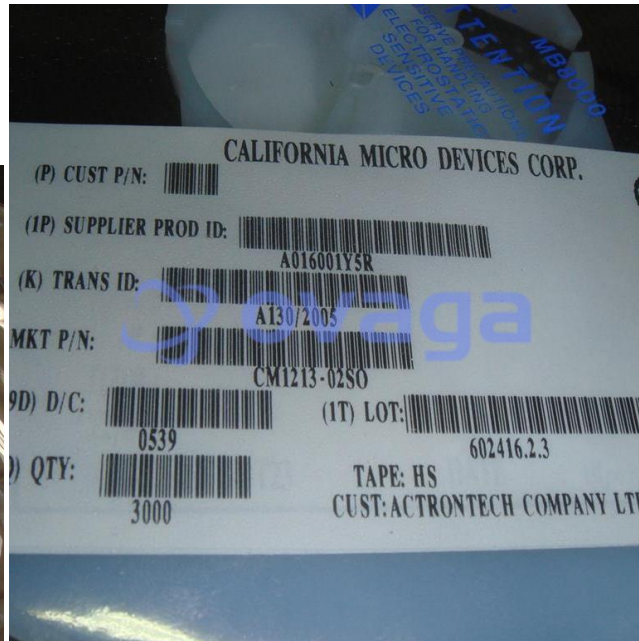
6 or 8 channels of ESD protection

Channel input capacitance matching of 0.02pF typical is ideal for differential signals

Available in SOIC and MSOP, lead-free packaging

## Application

ONSEMI

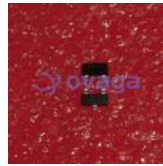


## Related Products



### [CM1231-02SO](#)

ON Semiconductor, LLC  
SOT23-6



### [CM1213A-01SO](#)

ON Semiconductor, LLC  
SOT-23-3



### [CM1214A-01SO](#)

ON Semiconductor, LLC  
SOT-23-3



### [CM1213-08MR](#)

ON Semiconductor, LLC  
MSOP-10



### [CM1213-06SM](#)

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SOIC-8



### [CM1293A-02SR](#)

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SOT-143



### [CM1213A-02SO](#)

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SC-74



### [CM1213-06MR](#)

ON Semiconductor, LLC  
MSOP-8