

Dual Bi-Directional ESD Protection Diode, 0.22W, 2-Pin SOT-23

Manufacturers	<u>ON Semiconductor, LLC</u>
Package/Case	SOT-23-3
Product Type	ESD Suppressors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for CM1214A-01SO or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



## General Description

The CM1214A ESD protector is used to protect bipolar signal lines against electrostatic discharge (ESD). The CM1214A allows operation in high-speed environments with signals levels up to  $\pm 5V$ . The low sub-1pF loading capacitance makes the CM1214A-01SO ideal for protecting high-speed interfaces including RF switches and amplifiers. The CM1214A-02MR is ideal for dual high-speed signal pairs used in Gigabit Ethernet, ADSL, etc. The CM1214A-02MR can also be used for higher transmit voltage applications by connecting the two channels in series.

## Features

- Single channel ESD protection for an AC signal up to  $\pm 5 V$  for 0.25 W transmit power
- Connects two channels in series for signals up to 10 V (1 W transmit power)

## Application

ONSEMI

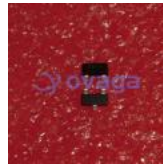


## Related Products



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

ON Semiconductor, LLC  
SOT23-6



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

ON Semiconductor, LLC  
SOT-23-3



### [CM1213-02SO](#)

ON Semiconductor, LLC  
SOT-23-5



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

ON Semiconductor, LLC  
MSOP-10



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

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SOIC-8



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

ON Semiconductor, LLC  
SOT-143



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

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SC-74



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

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MSOP-8