

Dual Bi-Directional ESD Protection Array, 0.22W, 6-Pin SOT-23

Manufacturers	ON Semiconductor, LLC
Package/Case	SOT23-6
Product Type	ESD Suppressors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for CM1231-02SO or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The CM1231 is specifically designed for sub-micron silicon design. These devices are ideal for protecting systems with high data and clock rates and for circuits requiring low capacitive loading such as USB 2.0. The CM1231-02SO incorporates dual stage ESD architecture which offers dramatically higher system level ESD protection compared with traditional single clamp designs. In addition, the CM1231-02SO provides a controlled filter roll-off for even greater spurious EMI suppression and signal integrity. The CM1231-02SO protects against ESD pulses up to 12 kV contact on the OUT pins per the IEC 61000-4-2 standard. The device also features easily routed pass-through differential pinouts.

Features

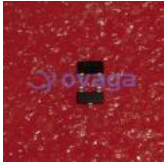
- Two stage matched clamp architecture
- Ultra Low clamping voltage
- Exceeds ESD protection to IEC61000-4-2 Level 4
- Flow-through routing for high-speed signal integrity

Application

ONSEMI



Related Products



[CM1213A-01SO](#)

ON Semiconductor, LLC
SOT-23-3



[CM1213-02SO](#)

ON Semiconductor, LLC
SOT-23-5



[CM1213-06SM](#)

ON Semiconductor, LLC
SOIC-8



[CM1213A-02SO](#)

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SC-74



[CM1214A-01SO](#)

ON Semiconductor, LLC
SOT-23-3



[CM1213-08MR](#)

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MSOP-10



[CM1293A-02SR](#)

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SOT-143



[CM1213-06MR](#)

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