

1, 2, 4, 6 and 8-Channel Low Capacitance ESD Protection Arrays, ESD Suppressors 6-Channel ESD Protection Array

Manufacturers	ON Semiconductor, LLC
Package/Case	SOIC-8
Product Type	ESD Suppressors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for CM1213-06SM 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



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SOT23-6



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SOT-23-3



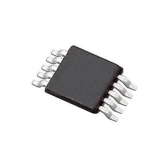
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[CM1213-08MR](#)

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