

Product Overview

CM1263-02SE: Low Capacitance ESD Protection Array for High-Speed Serial Interfaces

For complete documentation, see the data sheet.

This transient voltage suppressor/ESD Protector features low I/O capacitance of .85 pF at 0 V, and in-system ESD protection to ± 8 kV contact discharge, per the IEC 61000-4-2 international standard. This device is also in a 5-pin SOT-553 package.

Features

- 2 channels of ESD protection
- 0.85 pF loading capacitance per channel typical
- Provides ESD protection to EC61000-4-2 Level 4: 8kV contact discharge & 15kV air discharge

Applications

- LCD and camera data lines in wireless handsets that use high-speed serial interfaces such as MDDI, MIPI, MVI and MPL
- I/O port protection for mobile handsets, notebook computers, PDAs etc.
- Wireless handsets, Handheld PCs/PDAs, & LCD and camera modules

Part Electrical Specifications

Product	Compliance	Status	Interface	Number of Lines	Direction	C Max (pF)	$V_{(BR)}$ Min (V)	V_{RWM} Max (V)	I_R Max (μ A)	P_{PK} Max (W)	Package Type
CM1263-02SE	Pb-free Halide free	Active	General I/O	2	Unidirectional	1.2	-	5.5	1	-	SOT-553

For more information please contact your local sales support at www.onsemi.com.

Created on: 12/9/2018