



Product Overview

NUP4000: Bi-Directional Transient Voltage Suppressor Array for High Speed Data Line Protection

For complete documentation, see the data sheet

Product Description

The NUP4000 transient voltage suppressor is designed to protect equipment attached to up to four high-speed communication lines from ESD, EFT, and lightning.

Features

- SO-8 Package
- Peak Power: 400W (8x20 us)
- ESD Rating:
IEC 61000-4-2 (ESD), 15kV (air), 8kV (contact)
IEC 61000-4-4 (EFT), 40A (5/50 ns)
IEC 61000-4-5 (lightning), 12A (8/20 s)
- UL Flammability Rating of 94 V-0
- These devices are Pb-Free, Halogen Free/BFR Free, and are RoHS Compliant

Applications

- High Speed Communication Line Protection
- 15 V Data and I/O Lines
- Microprocessor Based Equipment
- LAN/WAN Equipment
- Servers

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 (uA)	P_{PK} Max (W)	Package Type
NUP4000DR2G	Pb-free Halide free	Active	General I/O	8	Bidirectional	75	16.7	15	1	400	SOIC-8

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

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