

NUP4016

ESD Protection Array, Ultra Low Capacitance, for High Speed Data Lines

Product Overview

For complete documentation, see the data sheet.

The NUP4016P5 transient voltage suppressor is designed to protect high speed data lines from ESD. Ultra-low capacitance and high level of ESD protection makes this device well suited for use in USB 2.0 applications.



Features

- Ultra-Low Capacitance (0.5 pF Typical Between I/O Lines and Ground)
- ESD Rating of Class 3B (Exceeding 8 kV) per Human Body model and Class C (Exceeding 400 V) per Machine Model
- Protection for the Following IEC Standards: IEC61000-4-2 15kV (contact)
- UL Flammability Rating of 94 V-0
- This is Pb-Free Device

Applications

- High Speed Communication Line Protection
- USB 2.0 High Speed Data Line and Power Line Protection
- Gigabit Ethernet

End Products

- Monitors and Flat Panel Displays
- MP3