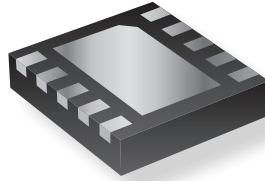


New Product Release

CHIP DIODES



Bourns Adds New TVS/Steering Diode Array

Model CDDFN10-3304NA for Ethernet Ports

Riverside, California - October 31, 2017 - Bourns is pleased to announce the release of a new ESD protection product, the Model [CDDFN10-3304NA](#), for high speed communication port applications.

The Bourns® Model CDDFN10-3304NA TVS Diode Array comes in a DFN-10 package and combines a 3.3 V TVS diode with steering diodes to provide protection for four high-speed data lines. It offers an ultra-low capacitance of only 1.5 picofarads from each input/output to input/output and provides ± 30 kV contact discharge and ± 30 kV air discharge ESD protection per IEC 61000-4-2.

The Bourns® Model CDDFN10-3304NA is designed to protect high-speed data ports from ESD transients. For high-speed ports such as Gigabit Ethernet, the ultra-low capacitance of the device minimizes signal degradation on each channel. Unlike common competing technologies, the solid-state avalanche technology used in the CDDFN10-3304NA does not degrade after multiple ESD events.

The product data sheet with detailed specifications can be viewed on the Bourns website at www.bourns.com.

Should you have any questions or need additional information, please contact [Customer Service/ Inside Sales](#).

Features

- Working voltage: 3.3 V
- SMT - DFN package
- Low capacitance: 4 pF
- IEC 61000-4-2 (ESD)
- IEC 61000-4-4 (EFT)
- IEC 61000-4-5 (Surge)
- RoHS compliant*

Applications

- FireWire, T1/E1, T3/E3 chip side protection
- Digital Visual Interface (DVI)
- Ethernet 10/100/1000 Base T
- High speed port protection
- Portable electronics