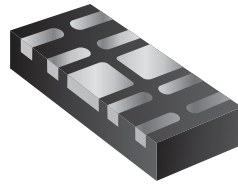


Featured Products Bulletin

TVS DIODE ARRAYS



Bourns Adds CDDFN10-3324P for HDMI 2.0 Ports

Riverside, California - October 28, 2014 - Bourns is pleased to announce the release of a new ESD protection product, the [Model CDDFN10-3324P](#), for high-speed communication port applications.

The Bourns® Model CDDFN10-3324P TVS Diode array comes in a DFN-10 package and combines a 3.3 V TVS diode with eight steering diodes to provide protection for four high-speed data lines. It offers an ultra-low capacitance of only 0.45 picofarads from each input/output to ground and provides ± 12 kV Contact Discharge and ± 15 kV Air Discharge ESD Protection per IEC 61000-4-2.

The Bourns® Model CDDFN10-3324P is designed to protect high-speed data ports from ESD transients. For high-speed ports such as HDMI 2.0, maintaining signal line impedance is a critical requirement. The use of a DFN10 package using a flow-through layout provides minimal impedance change on the high-speed data line, while the ultra-low capacitance of the device minimizes signal degradation on each channel.

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

- Low capacitance - 0.04 pF (I/O to I/O)
- ESD protection to IEC 61000-4-2 (Level 4)
- RoHS compliant*

Applications

- HDMI 1.3, 1.4 and 2.0
- DisplayPort
- Digital Visual Interface (DVI)
- SATA and eSATA
- USB 3.0
- Memory protection
- SIM card ports