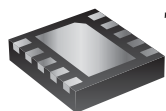


## Bourns Releases New Diode Products and Expands the CDDFN2-T Series

Riverside, California - December 16, 2010 - Bourns is pleased to announce the release of several new TVS diode array products as part of the expansion of our product portfolio to support our customers requirements and emerging applications such as high speed USB 3.0 and HDMI 1.4 interface standards.



The Bourns® Model [CDDFN10-0506N](#) is a 6-line 5 V TVS/Steering Diode Array product with an ultra low capacitance of 0.25 pF, providing ESD protection and targeting high-speed communication ports such as the new USB 3.0 or HDMI 1.4 standard interface.



The Bourns® Model [CD143A-SR05LC](#) is a 2-line 5 V TVS/Steering Diode Array product with a low capacitance of 3 pF, providing ESD protection and targeting high-speed communication ports such as the USB 2.0 standard interface.



The Bourns® Model [CDSOT23-S2004](#) is a single line 240 V Steering Diode Array product with a low capacitance of 3 pF, providing ESD protection using a “rail to rail clamping” configuration.



In addition, Bourns has expanded the CDDFN2-T TVS Diode series to include the [CDDFN2-T3.3LC](#), [CDDFN2-T5.0LC](#), [CDDFN2-T12C](#) and [CDDFN2-T24C](#) part numbers. The addition of the 3.3 V, 5 V, 12 V and 24 V options provides ESD protection and targets general purpose applications such as power pin lines.

The devices above are provided in surface mount packages and meet industry standard requirements such as RoHS\* and Pb Free solder reflow profiles.

The product data sheets with detailed specifications can be viewed on the Bourns website at [www.bourns.com](http://www.bourns.com).

#### **CDDFN10-0506N Features**

- Low capacitance
- ESD protection
- $V_{CC}$  + six I/O data lines
- RoHS compliant\*

#### **CD143A-SR05LC Features**

- ESD protection >15 kV
- Protects  $V_{CC}$  and two data lines
- RoHS compliant\*

#### **CDSOT23-S2004 Features**

- High-speed switching
- Surge withstand
- RoHS compliant\*

#### **CDDFN2-T Series Features**

- Bidirectional TVS 3.3, 5, 12 & 24 V
- Low capacitance
- ESD protection >15 kV
- Fits 0402 footprint
- RoHS compliant\*