

New Product Release

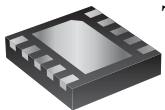
CHIP DIODES

Bourns Manufacturers Representatives
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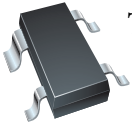
December, 2010

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

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.



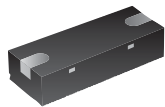
The Bourns® [Model CDDFN10-0506N](#) is a 6-line 5 V TVS/Steering Diode Array product with an ultra low capacitance of 0.25 pF, providing ESD protection and targeting high-speed communication ports such as the new USB 3.0 or HDMI 1.4 standard interface.



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 12 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.

If you have any questions, please contact our Circuit Protection FAEs or myself at ian.doyle@bourns.com.

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Best regards,

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