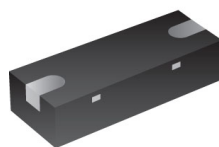




NEW PRODUCT RELEASE

SEMICONDUCTOR PRODUCTS



Bourns Introduces Model CDDFN2-T3V3SC and CDDFN2-T5V0SC TVS Diodes

Riverside, California - June 30, 2026 – The Bourns® Model [CDDFN2-T3V3SC](#) and [CDDFN2-T5V0SC](#) transient voltage suppressor diodes provide ESD, EFT, and surge protection for external ports of electronic devices such as cellular phones, handheld electronics, and other portable electronic devices.

These DFN-2 (0402) packaged devices have nominal dimensions of 1.0 x 0.6 x 0.5 mm and are intended to be mounted directly onto a printed circuit board.

The devices are designed to meet IEC 61000-4-2 (ESD), IEC 61000-4-4 (EFT), and IEC 61000-4-5 (Surge) protection requirements.

The Bourns® Model CDDFN2-T3V3SC and CDDFN2-T5V0SC TVS diodes are available now. For additional information, please visit www.bourns.com or contact [Bourns Customer Service/ Inside Sales](#).

Features

- Bidirectional TVS 3.3 V (CDDFN2-T3V3SC)
- Bidirectional TVS 5 V (CDDFN2-T5V0SC)
- ESD protection – 30 kV
- DFN-2 (0402) package
- I_{PP} (8/20 μ s) up to 42 A (CDDFN2-T3V3SC)
- I_{PP} (8/20 μ s) up to 18 A (CDDFN2-T5V0SC)
- RoHS compliant* and halogen free**

Applications

- Computers and peripherals
- Communication systems
- Portable instrumentation
- Handheld portable devices
- Power rail protection (CDDFN2-T3V3SC)

Additional Information

[DATA SHEET](#)[DATA SHEET](#)[PRODUCT SELECTOR](#)[TECHNICAL LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less

ESD2613