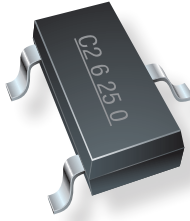


New Product Release

CHIP DIODES



Bourns Introduces Model CDSOT23-T24CAN-Q CANbus Protector for Protecting Automotive High-Speed CAN Transceivers

Riverside, California - October 26, 2017 - Bourns is pleased to announce the release of a new AEC-Q101 qualified surge protection product, the [Model CDSOT23-T24CAN-Q](#), for protecting Controller Area Network (CAN) interfaces in automotive applications.

The Bourns® Model CDSOT23-T24CAN-Q TVS Diode Array comes in an SOT23-3 package with dual bidirectional TVS for protecting both lines of a single CAN interface. The minimum Breakdown Voltage of 26.2 V is well suited for transceivers with internal circuitry for 24 V power supply miswiring. The Model CDSOT23-T24CAN-Q is designed to provide ± 30 kV Contact Discharge ESD Protection per IEC 61000-4-2 and 500 V Surge Protection per IEC 61000-4-5 (Level 1). The Model CDSOT23-T24CAN-Q is designed to improve the reliability of automotive and industrial CANbus systems and robustness against damage from ESD and other transient voltage 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

- Single device for two I/O lines
- Low capacitance for high-speed CANbus
- IEC 61000-4-2 30 kV ESD
- IEC 61000-4-5 (Level 1, CWG 1.2/50) 500 V Surge
- RoHS compliant*
- AEC-Q101 compliant**

Applications

- High-speed CANbus
- Automotive applications
- Industrial control networks
- Smart Distribution Systems (SDS)
- DeviceNet™
- Factory and process automation systems

DeviceNet™ is a trademark of ODVA.

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

** "Q" suffix for automotive and other applications requiring AEC-Q101 compliance.