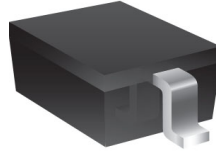




# NEW PRODUCT RELEASE

## SEMICONDUCTOR PRODUCTS



### Bourns Introduces Automotive Grade Transient Voltage Suppressor Diode *Model CDSOD323-T24LC-Q*

Riverside, California - June 24, 2026 – The [Model CDSOD323-T24LC-Q](#) is an automotive grade, bidirectional transient voltage suppressor (TVS) diode in a compact SOD-323 package designed to provide ESD and surge protection for automotive and industrial signal line applications.

This model features ultra-low typical capacitance of 1 pF, supports a working peak voltage of 24 V, and is AEC-Q101 compliant for automotive applications.

| Model            | Peak Pulse Power ( $t_p = 8/20 \mu s$ ) (W) | Operating Temperature ( $^{\circ}C$ ) | Working Peak Voltage ( $V_{WM}$ ) |
|------------------|---------------------------------------------|---------------------------------------|-----------------------------------|
| CDSOD323-T24LC-Q | 350                                         | -55 to +150                           | 24                                |

For additional details, please visit [www.bourns.com](http://www.bourns.com) or contact [Bourns Customer Service/ Inside Sales](#).

#### Features

- Lead free as standard\*
- ESD protection 30 kV max.
- Ultra-low capacitance - 1.0 pF
- Protects one line
- Bidirectional configuration
- RoHS compliant\*\*
- AEC-Q101 compliant\*\*\*
-  **AUTOMOTIVE**  
GRADE

#### Applications

- HDMI 1.4
- Digital visual interface (DVI)
- USB 3.0/USB OTG
- Memory protection
- SIM card ports

#### Additional Information

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

\* No lead detected in standard tests of homogeneous materials.

\*\* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

\*\*\* "Q" part number suffix indicates AEC-Q101 compliance.

**ESD2611**