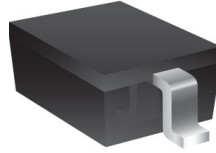




NEW PRODUCT RELEASE

SEMICONDUCTOR PRODUCTS



Bourns Introduces Automotive Grade CDSOD323-TxxSC-Q TVS Diode Series

Riverside, California - June 23, 2026 – The [CDSOD323-TxxSC-Q](#) TVS Diode Series is an automotive grade, bidirectional transient voltage suppressor diode family in an SOD-323 package.

The series is designed to provide ESD and surge protection for consumer electronics and automotive applications. The devices offer multiple working peak reverse voltage options to support a range of interface and signal protection requirements.

Part Number	Peak Pulse Power ($t_p = 8/20 \mu s$) (W)	Operating Temperature (°C)	Working Peak Voltage (V_{wm})
CDSOD323-T03SC-Q	400	-55 to +150	3.3
CDSOD323-T12SC-Q			12.0
CDSOD323-T36SC-Q			36.0

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

Features

- Lead free as standard*
- ESD protection 30 kV max.
- Protects 1 line
- Bidirectional configurations
- RoHS compliant**
- AEC-Q101 compliant***
-  **AUTOMOTIVE**
GRADE

Applications

- Computer notebooks
- Smartphones
- Hand held electronics
- Digital cameras
- Automotive

Additional Information

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* 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.

ESD2609