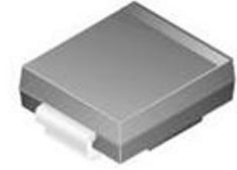


Diode TVS Single Bi-Dir 28V 3KW Automotive 2-Pin SMC T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: SMC

Product Type: Thyristors

Lifecycle: Active

General Description

The SM30T33CAY is a transient voltage suppressor diode designed to protect electronic circuits from voltage surges and transients caused by events such as electrostatic discharge (ESD) or voltage spikes. It provides reliable overvoltage protection for sensitive components.

Key Features

AEC-Q101 qualified

Peak pulse power:

3000 W (10/1000 μ s)

up to 40 kW (8/20 μ s)

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up to 40 kW (8/20 μ s)

Stand-off voltage range from 5 V to 188 V

Unidirectional and bidirectional types

Low leakage current: 0.2 μ A at 25 °C

Operating Tj max: 175 °C

JEDEC registered package outline

Lead finishing: matte tin plating

Application

Protection of Integrated Circuits

Communication Systems

Power Supplies

Consumer Electronics

Industrial Equipment

Recommended For You

SMI5T68A

STMicroelectronics, Inc
DO-214AB

SMAJ24A-TR

STMicroelectronics, Inc
SMA

SM2T6V8A

STMicroelectronics, Inc
DO-216AA

SMB0T33AY

STMicroelectronics, Inc
SMC

SM6T27AY

STMicroelectronics, Inc
SMB

SM6T33CAY

STMicroelectronics, Inc
SMB

SM6T36AY

STMicroelectronics, Inc
SMB

SMB0T30CAY

STMicroelectronics, Inc
SMC

SMB0T39CAY

STMicroelectronics, Inc
DO-214AB

SMB0T35CAY

STMicroelectronics, Inc
SMC

SM6T36CAY

STMicroelectronics, Inc
SMB

SM6T27CAY

STMicroelectronics, Inc
SMB

SMI5T56AY

STMicroelectronics, Inc
SMC

SM6T30CAY

STMicroelectronics, Inc
SMB

SMI5T36AY

STMicroelectronics, Inc
SMC