


ESD Suppressor TVS Bi-Dir 15V 2-Pin SOD-323 T/R

Manufacturer:	Semtech Corporation
Package/Case:	SOD-323
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SDxxC TVS diodes are designed to replace multilayer varistors (MLVs) in portable applications such as cell phones, notebook computers, and PDA's. They offer superior electrical characteristics such as lower clamping voltage and no device degradation when compared to MLVs.

Key Features

- 15 V working voltage
- Protects one I/O or power line
- 350 Watts peak pulse power (t_P)
- Transient protection for data lines to
- IEC 61000-4-2 (ESD) ± 15 kV (air), ± 8 kV (contact)
- IEC 61000-4-4 (EFT) 40 A (5/50 ns)
- IEC 61000-4-5 (lightning) 24 A (8/20 μs)
- Small package for use in portable electronics
- Suitable replacement for MLVs in ESD protection applications
- Low clamping voltage
- Low leakage current
- Solid-state silicon-avalanche technology

Application

- Cell phone handsets and accessories
- Microprocessor-based equipment
- Personal digital assistants (PDAs)
- Notebooks, desktops, and servers
- Portable instrumentation
- Pagers
- Packaging
- SOD-323
- Order Codes
- SD15C.TCT: Lead-free, RoHS and WEEE compliant, 3000 pcs. Tape & Reel

Recommended For You

SDC15.TCT

Semtech Corporation

SOT-23

SD12.TCT

Semtech Corporation

SOD-323

RCLAMP0504FATCT

Semtech Corporation

SC70-6

RClamp3304NAICT

Semtech Corporation

SLP2626P10

STF203-22.TCT

Semtech Corporation

SC70-6

TClamp1202P.TGT

Semtech Corporation

SLP2020

RClamp3374N.TCT

Semtech Corporation

SLP3020

RClamp0524J.TCT

Semtech Corporation

SLP2710P8

RClamp0531T.TCT

Semtech Corporation

SLP1006P2T

RClamp0522P.TCT

Semtech Corporation

SLP1610P4

LCDA05.TBT

Semtech Corporation

SOP8

SLVU2.8.TCT

Semtech Corporation

SOT-23

RClamp0524P.TCT

Semtech Corporation

SLP2510P8

SMI5.TCT

Semtech Corporation

SOT-23

SMDA05C.TBT

Semtech Corporation

SOP8