

## ESD Suppressor Diode TVS Bi-Dir 5V 11Vc 8-Pin SOIC N T/R



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Semtech Corporation](#)

**Package/Case:** SOP8

**Product Type:** Thyristors

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

The SMDAxx series of TVS arrays are designed to provide unidirectional protection for sensitive electronics from damage or latch-up due to ESD, lightning, and other voltage-induced transient events.

### Key Features

Working voltage: 5 V

Transient protection for data lines to

IEC 61000-4-2 (ESD)  $\pm 15$  kV (air),  $\pm 8$  kV (contact)

IEC 61000-4-4 (EFT) 40 A (5/50 ns)

IEC 61000-4-5 (Lightning) 12 A (8/20  $\mu$ s)

Unidirectional protection

Small SO-8 package

Protects four I/O lines

Low leakage current

Low operating and clamping voltages

Solid-state silicon-avalanche technology

### Application

RS-232 data lines

Microprocessor-based equipment

Notebooks, desktops, and servers

Instrumentation

LAN/WAN equipment

Peripherals

Serial and parallel ports

Packaging

SO-8

Order Codes

SMDA05.TBT: Lead-free, RoHS and WEEE compliant, 500 pcs. Tape & Reel

### Recommended For You

**SMI5.TCT**

Semtech Corporation

SOT-23

**SMF3.3.TCT**

Semtech Corporation

SOT-353

**SMDA15C.TBT**

Semtech Corporation

SOP-8

**SMS3.3.TCT**

Semtech Corporation

SOT23-6

**SMDA24C.TBT**

Semtech Corporation

SOP-8

**RCLAMP0504FATCT**

Semtech Corporation

SC70-6

**RClamp3304NATCT**

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**

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SOP8

**SLVU2.8.TCT**

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SOT-23