


## ESD Suppressor Diode TVS Uni-Dir 3.3V 8Vc 5-Pin SC-70 T/R



Images are for reference only

[Inquiry](#)

<b>Manufacturer:</b>	<a href="#">Semtech Corporation</a>
<b>Package/Case:</b>	SOT-353
<b>Product Type:</b>	Thyristors
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active

### General Description

The SMF3.3.TCT is designed to provide protection against transient voltage spikes in electronic circuits. It is specifically used to clamp voltage surges and divert excessive current away from sensitive components, thereby safeguarding them from potential damage.

### Key Features

- ESD 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)
- Small package for use in portable electronics
- Protects 4 I/O lines
- Working voltage: 3.3 V
- Low leakage current
- Low operating and clamping voltages
- Solid-state EPD TVS technology

### Application

- Cellular handsets and accessories
- Cordless phones
- Personal digital assistants (PDAs)
- Notebooks and handhelds
- Portable instrumentation
- Digital cameras
- Peripherals
- MP3 players
- Packaging
- SC-70 5L
- Order Codes

SMF3.3.TCT: Lead-Free, RoHS and WEEE compliant, 3000 pcs, Tape and Reel

### Recommended For You

---

**SMI5.TCT**

Semtech Corporation

SOT-23

**SMDA05C.TBT**

Semtech Corporation

SOP8

**SMDA15C.TBT**

Semtech Corporation

SOP-8

**SMS3.3.TCT**

Semtech Corporation

SOT23-6

**SMDA24C.TBT**

Semtech Corporation

SOP-8

**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