

ESD Suppressor Diode TVS Uni-Dir 3.3V 9.5Vc 2-Pin SOD-323

T/R



Images are for reference only

Manufacturer: [Semtech Corporation](#)

Package/Case: SOD323

Product Type: Thyristors

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

The μ Clamp® series of Transient Voltage Suppressors (TVS) are designed to replace multilayer varistors (MLVs) in portable applications such as cell phones, notebook computers, and PDAs.

Key Features

- 200 Watts peak pulse power ($t_p = 8/20 \mu s$)
- Transient protection for data lines to
- IEC 61000-4-2 (ESD) ± 15 kV (air), ± 8 kV (contact)
- IEC 61000-4-4 (EFT) 40 A ($t_p = 5/50$ ns)
- IEC 61000-4-5 (lightning) 12 A ($t_p = 8/20 \mu s$)
- Small package for use in portable electronics
- Suitable replacement for MLVs in ESD protection applications
- Protects one line
- Low clamping voltage
- Working voltage:
3.3 V
- Low leakage current
- Solid-state silicon-avalanche technology

Application

- Cell phone handsets and accessories
- Laser diode protection
- Personal digital assistants (PDAs)
- Notebooks, desktops, & servers
- Portable instrumentation
- Analog inputs
- Packaging
- SOD-323
- Order Codes
- UCLAMP3301D.TCT: Lead-free, RoHS and WEEE compliant, 3000 pcs. Tape & Reel

Recommended For You

uClamp1211P.TCT

Semtech Corporation

SLP1006P2

UCLAMP1211T.TCT

Semtech Corporation

SLP1006P2

UCLAMP0511T.TCT

Semtech Corporation

SLP1006P2T

uClamp3301P.TCT

Semtech Corporation

SLP1006P2

uClamp3311P.TCT

Semtech Corporation

SLP1006P2

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

Semtech Corporation

SOP8

SLVU2.8.TCT

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