

ESD Suppressor Diode TVS Bi-Dir 5.25V 6-Pin SC-70 T/R

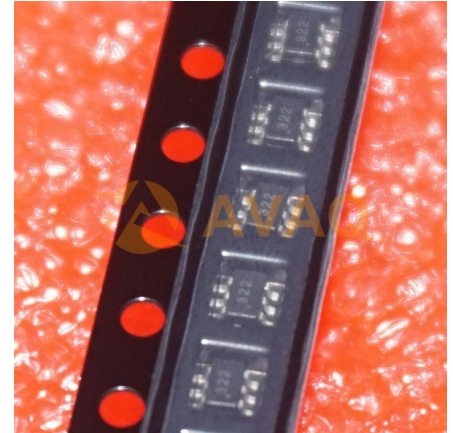
Manufacturer: [Semtech Corporation](#)

Package/Case: SC70-6

Product Type: Thyristors

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

The STF203-15/22/33 is a combination EMI filter and line termination device with integrated TVS diodes for use on upstream USB ports. It is constructed using a proprietary technology that allows passive components and TVS diodes to be integrated in the same package. Each device will provide termination, filtering, and ESD protection for one upstream USB port.

Key Features

Bidirectional EMI/RFI filtering and line termination with integrated ESD protection

ESD protection for USB power (V

BUS

IEC 61000-4-2 (ESD) ± 15 kV (air), ± 8 kV (contact)

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

Filtering and termination for one USB port

Low TVS operating voltage: 5.25 V

Low leakage current

Small SC70-6L package

Solid-state technology

Application

USB ports

Cellular handsets

Personal digital assistants (PDAs)

Pagers

Digital cameras

PC peripherals

MP3 players

Packaging

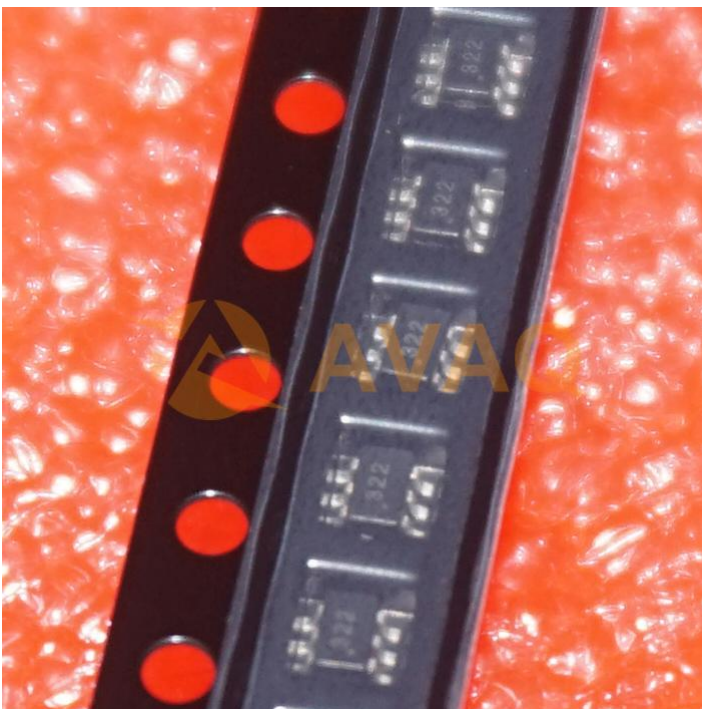
SC-70 6L

Order Codes

STF203-15.TCT: Lead-free, RoHS and WEEE compliant, 3000 pcs. Tape & Reel

STF203-22.TCT: Lead-free, RoHS and WEEE compliant, 3000 pcs. Tape & Reel

STF203-33.TCT: Lead-free, RoHS and WEEE compliant, 3000 pcs. Tape & Reel



Recommended For You

RCLAMP0504FATCT

Semtech Corporation
SC70-6

RClamp3304NATCT

Semtech Corporation
SLP2626P10

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

SD15C.TCT

Semtech Corporation
SOD-323

SR2.8.TCT

Semtech Corporation
SOT143

uClamp3301D.TCT

Semtech Corporation
SOD323