

## ESD Suppressor TVS Uni-Dir 12V Automotive 6-Pin SOT-23 T/R

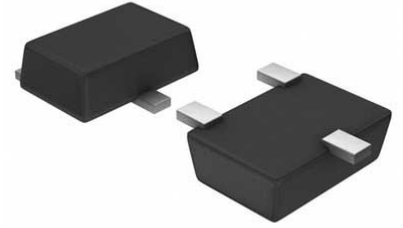
**Manufacturer:** [STMicroelectronics, Inc](#)

**Package/Case:** SOT23-6

**Product Type:** Thyristors

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

The ESDAxxSC5 and ESDAxxSC6 are monolithic voltage suppressors designed to protect components which are connected to data and transmission lines against ESD. They clamp the voltage just above the logic level supply for positive transients, and to a diode drop below ground for negative transient.

## Key Features

4 unidirectional ESD protection

400 W peak pulse power (8/20  $\mu$ s)

Benefits

High ESD protection level: up to 30 kV

High integration

Suitable for high density boards

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Complies with the following standards

IEC 61000-4-2 level exceed level 4:

30 kV (air discharge)

30 kV (contact discharge)

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MIL STD 883E- Method 3015-7: class3B

human body model

human body model

## Recommended For You

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### ESDLIN1524BJ

STMicroelectronics, Inc

SOD-323

### ESDA6V1W5

STMicroelectronics, Inc

SOT-353

### ESDCAN24-2BLY

STMicroelectronics, Inc

SOT-23-3

### ESDA14V2LY

STMicroelectronics, Inc

SOT-23

### ESDA5V3LY

STMicroelectronics, Inc

SOT-23

### ESDALC6V1P5

STMicroelectronics, Inc

SOT-665

### ESDAXLC6-1BU2

STMicroelectronics, Inc

ST0201

### ESDALCL5-1BM2

STMicroelectronics, Inc

SOD882

### ESDALC6V1-1BU2

STMicroelectronics, Inc

ST0201

**ESDA25B1RL**

STMicroelectronics, Inc

SOP8

**ESDALC6V1W5**

STMicroelectronics, Inc

SOT353

**ESDA8V2-1J**

STMicroelectronics, Inc

SOD-323

**ESDA5-1BF4**

STMicroelectronics, Inc

SMD

**ESDA14V2-2BF3**

STMicroelectronics, Inc

BGA

**ESDA25W**

STMicroelectronics, Inc

SOT323