

## ESD Suppressor TVS Uni-Dir 3V 2-Pin ST0201 T/R

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

**Package/Case:** ST0201

**Product Type:** Thyristors

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

### General Description

The ESDALC6V1-1U2 is a unidirectional single line TVS diode designed to protect the data lines or other I/O ports against ESD transients. The device is ideal for applications where both reduced line capacitance and board space saving are required.

## Key Features

Breakdown voltage VBR= 6.1 V min.

Unidirectional device

Multiple ESD strike sustainability

Very low diode capacitance: 12 pF typ. at 0 V

Low leakage current

0201 SMD package size compatible

Ultra small PCB area: 0.18 mm<sup>2</sup>

RoHS compliant

Benefits

High ESD protection level

High integration

Suitable for high density boards

MSL1

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MSL1

Complies with the following standards:

IEC 61000-4-2 level 4

IEC 61000-4-2 level 4

## 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

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SOT-23

### ESDALC6V1P5

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SOT-665

### ESDAXLC6-1BU2

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ST0201

### ESDALCL5-1BM2

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SOD882

### ESDA14V2SC6

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SOT23-6

**ESDALC6V1-1BU2**

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ST0201

**ESDA25B1RL**

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SOP8

**ESDALC6V1W5**

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SOT353

**ESDA8V2-1J**

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SOD-323

**ESDA5-1BF4**

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SMD

**ESDA14V2-2BF3**

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BGA