


## ESD Suppressor Diode TVS Uni-Dir 5V 12.8Vc Automotive 2-Pin SOD-323 T/R



Images are for reference only

<b>Manufacturer:</b>	<a href="#">STMicroelectronics, Inc</a>
<b>Package/Case:</b>	SOD323
<b>Product Type:</b>	Thyristors
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active

[Inquiry](#)

### General Description

This ESDA051-1JY is unidirectional single TVS protection devices designed to protect sensitive equipment against ESD transients and EOS surges. This device is packaged in SOD323.

### Key Features

AEC-Q101 qualified

Unidirectional devices

ECOPACK2 compliant component

ISO 10605 / IEC 61000-4-2: C = 150 pF, R = 330  $\Omega$ , exceeds level 4

ISO 10605: C = 330 pF, R = 330  $\Omega$ , exceeds level 4

IEC 61000-4-4

ISO 7637-3

Fast transient pulse a:  $V_s = -150$  V

Fast transient pulse b:  $V_s = +150$  V

Slow transient negative pulse:  $V_s = -85$  V

Slow transient positive pulse:  $V_s = +85$  V

Fast transient pulse a:  $V_s = -150$  V

Fast transient pulse b:  $V_s = +150$  V

Slow transient negative pulse:  $V_s = -85$  V

Slow transient positive pulse:  $V_s = +85$  V

### Recommended For You

**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

**ESDA14V2SC6**

STMicroelectronics, Inc  
SOT23-6

**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