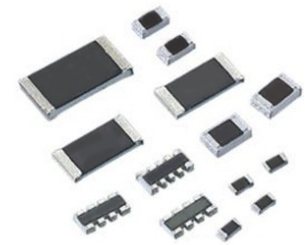


ESD Suppressor Diode TVS Bi-Dir 5.3V 12.5Vc 2-Pin Flip-Chip T/R



Images are for reference only

Manufacturer: [Littelfuse Inc](#)

Package/Case: SMD0402

Product Type: Thyristors

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

The SP3042 includes back-to-back TVS diodes fabricated in a proprietary silicon avalanche technology to provide protection for electronic equipment that may experience destructive electrostatic discharges (ESD). These robust diodes can safely absorb repetitive ESD strikes up to the maximum level specified in the IEC 61000-4-2 international standard ($\pm 30\text{kV}$ contact discharge) without performance degradation. The back-to-back configuration provides symmetrical ESD protection for data lines when AC signals are present and the low loading capacitance makes it ideal for protecting high speed data lines such as HDMI, USB2.0, USB3.0 and eSATA.

Recommended For You

SP3010-04UTG

Littelfuse Inc
UDFN-10

SP0504SHTG

Littelfuse Inc
SOT23-6

SP724AHTG

Littelfuse Inc
SOT23-6

SP0504BAHTG

Littelfuse Inc
SOT23-5

SP3312TUTG

Littelfuse Inc
DFN

SP03-3.3BTG

Littelfuse Inc
SOP8

SP3222-02ETG

Littelfuse Inc
DFN1006-3

SP720APP

Littelfuse Inc
DIP16

SP3003-02UTG

Littelfuse Inc
QFN

SP723ABG

Littelfuse Inc

SOP8

SPHV15-01ETG-C

Littelfuse Inc

SMD

SP0502BAHTG

Littelfuse Inc

SOT-23

SP721APP

Littelfuse Inc

PDIP-8

SP1103C-01UTG

Littelfuse Inc

DFN1610

SP4060-08ATG

Littelfuse Inc

MSOP10