

ESD Suppressor Diode Array Uni-Dir 6V 12.3Vc 10-Pin UDFN T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [Littelfuse Inc](#)

Package/Case: UDFN-10

Product Type: Thyristors

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The SP3010 integrates 4 channels of ultra-low capacitance rail-to-rail diodes and an additional zener diode to provide protection for electronic equipment that may experience destructive electrostatic discharges (ESD). This robust device can safely absorb repetitive ESD strikes at the maximum level specified in the IEC61000-4-2 international standard (Level 4, $\pm 8\text{kV}$ contact discharge) without performance degradation. The extremely low loading capacitance also makes it ideal for protecting high speed signal pins such as HDMI, USB3.0, USB2.0, and IEEE 1394.

Key Features

- ESD, IEC61000-4-2, $\pm 8\text{kV}$ contact, $\pm 15\text{kV}$ air
- EFT, IEC61000-4-4, 40A (5/50ns)
- Lightning, IEC61000-4-5, 3A ($t_P=8/20\mu\text{s}$)
- Low capacitance of 0.45pF (TYP) per I/O
- Low leakage current of 0.1 μA (TYP) at 5V
- Small form factor μDFN package saves board space

Application

- LCD/PDP TVs
- Set Top Boxes
- DVD Players
- Mobile phones
- Desktops
- Notebooks
- MP3/PMP
- Digital Camera



Recommended For You

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

SP3042-01WTG

Littelfuse Inc

SMD0402

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

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MSOP10