
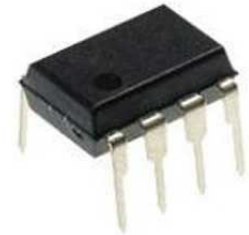


ESD Suppressor Diode Array Bi-Dir 30V 8-Pin PDIP

Manufacturer:	Littelfuse Inc
Package/Case:	PDIP-8
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SP721 is an array of SCR/Diode bipolar structures for ESD and over-voltage protection to sensitive input circuits. The SP721 has 2 protection SCR/Diode device structures per input. There are a total of 6 available inputs that can be used to protect up to 6 external signal or bus lines. Overvoltage protection is from the IN (Pins 1 - 3 and Pins 5 - 7) to V+ or V-. The SCR structures are designed for fast triggering at a threshold of one +VBE diode threshold above V+ (Pin 8) or a -VBE diode threshold below V- (Pin 4). From an IN input, a clamp to V+ is activated if a transient pulse causes the input to be increased to a voltage level greater than one VBE above V+. A similar clamp to V- is activated if a negative pulse, one VBE less than V-, is applied to an IN input.

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

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

SP1103C-01UTG

Littelfuse Inc

DFN1610

SP4060-08ATG

Littelfuse Inc

MSOP10