

## 3.3V AND 5V ESD PROTECTION DEVICES



### Features

- Ultra-low clamping voltage of 5V enhances protection
- Low capacitance of 1.0pF or 0.65pF (typ) maintains signal integrity
- Meets stringent standards for IEC 61000-4-2 (ESD) Immunity Test & IEC 61000-4-5 (Lightning)
- Low-profile DFN1006-3B package increases design flexibility



### Benefits

High surge capability and IEC ratings ensure reliable operation during voltage spikes and ESD events.

Measuring 1.0x0.6mm, the DFN1006-3B package facilitates efficient use of board space.

### Applications



Automation systems



Fiber optic equipment



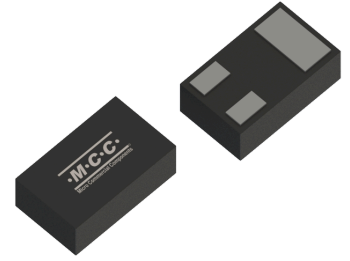
Smartphones and tablets

## Advanced Protection: Super-Low Capacitance Dual Line ESD Diodes



## Compact Snapback Design with Ultra-Low Clamping Voltage

# Ultra-Low Clamping Boosts Performance



## Product Attributes, Parametrics & Datasheets

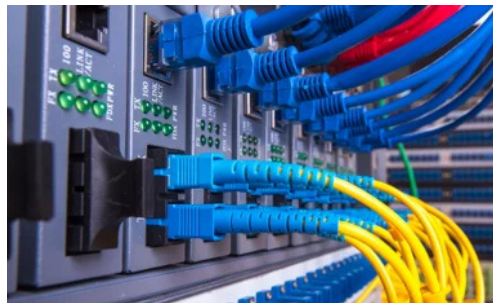
Product	Type	Package	Reverse Standoff Voltage VRWM	Junction Capacitance CJ	Max Clamping Voltage VC	Mounting Type	Datasheet
<a href="#">ESDSBSLC3V3LT</a>	ESD Protection Device	DFNI006-3B	3.3V	1pF	5V	Surface-Mount (SMD)	<a href="#">Info</a>
<a href="#">ESDSBSLC5V0LT</a>	ESD Protection Device	DFNI006-3B	5V	0.5pF	5V	Surface-Mount (SMD)	<a href="#">Info</a>

## Applications:



**Industrial**

- Industrial equipment
- Automation systems
- Robotics



**Communications**

- 10/100/1000 Ethernet applications
- Fiber optic equipment
- Telecommunications equipment



**Consumer Electronics**

- USB 2.0 devices
- Smartphones and tablets
- Home appliances

**CONTACT MCC TO REQUEST A SAMPLE**

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