

## 产品概览

### ESD8006: Low Capacitance ESD Protection Diode Array, Thunderbolt

欲看完整文档，请参阅数据表。

The ESD8006 transient voltage suppressor is specifically designed to protect USB 3.0 and Thunderbolt interfaces from ESD. Ultra-low capacitance and low ESD clamping voltage make this device an ideal solution for protecting voltage sensitive high speed data lines. The flow-through style package allows for easy PCB layout and matched trace lengths necessary to maintain consistent impedance between high speed differential lines.

#### 特性

- 0.25pF max capacitance
- Clamping voltage less than 8.6V at 16A

#### 应用

- USB3.0
- Thunderbolt

#### 优势

- Maintains signal integrity for data lines up to 10Gb/s and greater
- Protects chipsets with small process geometries

#### 终端产品

- Computing
- Computing accessories
- Hard drives

### 器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Interface	Number of Lines	Direction	C Max (pF)	V <sub>(BR)</sub> Min (V)	V <sub>RWM</sub> Max (V)	I <sub>R</sub> Max (μA)	P <sub>PK</sub> Max (W)	Package Type
ESD8006MUTAG	0.1987	Pb-free Halide free	Active	Thunderbolt Display Port USB 3.1 eSATA 3.0 USB 3.0	6	Unidirectional	0.32	5.5	3.3	1	-	UDFN-8
SZESD8006MUTAG	0.2187	AEC Qualified PPAP Capable Pb-free Halide free	Active	Thunderbolt eSATA 3.0 Display Port USB 3.1 USB 3.0	6	Unidirectional	0.32	5.5	3.3	1	-	UDFN-8

欲了解更多信息，请联系您当地的销售支援 [www.onsemi.cn](http://www.onsemi.cn)。

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