

## 製品概要

## ESD5B: ESD Protection Diode, Bidirectional

技術情報は、データシートをご参照ください。

The ESD5B Series is designed to protect voltage sensitive components from ESD. Excellent clamping capability, low leakage, and fast response time provide best in class protection on designs that are exposed to ESD. Because of its small size and bi-directional design, it is ideal for use in cellular phones, MP3 players, and portable applications that require audio line protection.

## 特長

- Cap = 32 pf
- Low Leakage
- IEC61000-4-2 30 kV contact
- Low Clamping Voltage
- Long Life

## 利点

- Preserves signal integrity for high speed data lines.
- Preserves battery life
- Best in class protection for the most severe ESD conditions
- Protects sensitive components
- Does not degrade over numerous ESD strikes in comparison to varistor technology

## アプリケーション

- speaker line

## 最終製品

- cell phones, MP3 players

## 電氣的仕様

製品	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
ESD5B5.0ST1G	0.0293	Pb-free Halide free	Active	General I/O	1	Bidirectional	32	5.8	5	1	50	SOD-523-2
ESD5B5.0ST5G	0.0308	Pb-free Halide free	Active	General I/O	1	Bidirectional	32	5.8	5	1	50	SOD-523-2
SZESD5B5.0ST1G	0.0733	AEC Qualified PPAP Capable Pb-free Halide free	Active	General I/O	1	Bidirectional	32	5.8	5	1	50	SOD-523-2
SZESD5B5.0ST5G	0.0733	AEC Qualified PPAP Capable Pb-free Halide free	Active	General I/O	1	Bidirectional	32	5.8	5	1	50	SOD-523-2

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12/15/2019 作成