

製品概要

NIS5232: 12 V Electronic Fuse, eFuse

技術情報は、データシートをご参照ください。

The NIS5232 is a cost effective, resettable fuse which can greatly enhance the reliability of a hard drive or other circuit from both catastrophic and shutdown failures. It is designed to buffer the load device from excessive input voltage which can damage sensitive circuits. It also includes an overvoltage clamp circuit that limits the output voltage during transients but does not shut the unit down, thereby allowing the load circuit to continue operation. Two thermal options are available, latching and auto-retry.

特長

- Integrated Power Device
- Power Device Thermally Protected
- No External Current Shunt Required
- 9 V to 18 V Input Range
- 44 m Typical
- Internal Charge Pump
- Internal Undervoltage Lockout Circuit
- Internal Overvoltage Clamp
- ESD Ratings: Human Body Model (HBM); 1500 V Machine Model (MM); 200 V
- These Devices are PbFree and are RoHS Compliant

For more features, see the data sheet

アプリケーション

- Mother Board Power Management

最終製品

- Hard Drives

電気的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Type	V_I Max (V)	$r_{DS(on)}$ Max (m Ω)	T_{SD} Typ (°C)	T_{hyst} Typ (°C)	Package Type
NIS5232MN1TXG	0.3453	Pb-free Halide free	Active	Latch Off	18	55	175	45	DFN-10

詳細は、弊社 www.onsemi.jp の営業または販売代理店にお問い合わせください。

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