

製品概要

NIS5135: 5.0 V Electronic Fuse, eFuse

技術情報は、データシートをご参照ください。

The NIS5135 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
- Internal Charge Pump
- Internal Undervoltage Lockout Circuit
- Internal Overvoltage Clamp
- ESD Ratings: Human body Model (HBM): 2000V Machine Model (MM): 200V
- These are Pb-Free Devices
- Auto Retry Option
- 68 mohm Typical

For more features, see the data sheet

アプリケーション

- Mother Board
- Hard Drives
- Fan Drives

電氣的仕様

| 製品 | Pricing (\$/Unit) | Compliance | Status | Type | V _I Max (V) | r _{DS(on)} Max (mΩ) | T _{SD} Typ (°C) | T _{hyst} Typ (°C) | Package Type |
|---------------|-------------------|------------------------|--------|------------|------------------------|------------------------------|--------------------------|----------------------------|--------------|
| NIS5135MN1TXG | 0.3933 | Pb-free | Active | Latch Off | 18 | 82 | 175 | 45 | DFN-10 |
| | | Halide free | | | | | | | |
| NIS5135MN2TXG | 0.3933 | Pb-free Halide free | Active | Auto-Retry | 18 | 82 | 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。

12/5/2019 作成