



Product Overview

NCV8401: Self-Protected Low Side Driver with Temperature and Current Limit

For complete documentation, see the data sheet

Product Description

NCV8401 is a three terminal protected Low-Side Smart Discrete device. The protection features include overcurrent, overtemperature, ESD and integrated Drain-to-Gate clamping for overvoltage protection. This device offers protection and is suitable for harsh automotive environments.

Features

- Short Circuit Protection
- Thermal Shutdown with Automatic Restart
- Integrated Clamp for Inductive Switching
- ESD Protection
- dV/dt Robustness
- Analog Drive Capability (Logic Level Input)
- RoHs Compliant
- AEC-Q101 Qualified
- NCV Prefix for Automotive and Other Applications Requiring Site and Change Control
- This is a PbFree Device

Applications	End Products
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| <ul style="list-style-type: none">• Switch a Variety of Resistive, Inductive and Capacitive Loads• Can Replace Electromechanical Relays and Discrete Circuits• Automotive / Industrial | <ul style="list-style-type: none">• Lamp Driver• Relay Driver |
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