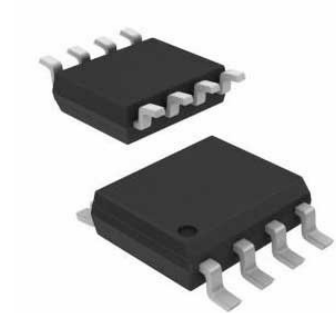


Self Protected High Side Driver with Temperature Shutdown and Current Limit

Manufacturers	ON Semiconductor, LLC
Package/Case	SOP8
Product Type	Power Management ICs
RoHS	AEC Qualified PPAP Capable Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for NCV8461DR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The NCV8461 is a fully protected High-Side driver that can be used to switch a wide variety of loads, such as bulbs, solenoids and other activators. The device is internally protected from an overload condition by an active current limit and thermal shutdown. A diagnostic output reports OFF state open load conditions as well as thermal shutdown.

Features

Short Circuit Protection

Thermal Shutdown with Automatic Restart

CMOS (3 V/5 V) Compatible Control Input

Off State Open Load Detection

Overvoltage Protection

Undervoltage Shutdown

Loss of Ground and Loss of VD Protection

ESD Protection

Reverse Battery Protection (with external resistor)

Very Low Standby Current

AEC-Q100 Qualified

Application

ONSEMI

Related Products



[NCP603SN330T1G](#)

ON Semiconductor, LLC
TSOP-5



[NCP1234AD65R2G](#)

ON Semiconductor, LLC
SOIC-7



[NCP551SN18T1G](#)

ON Semiconductor, LLC
SOT-23-5



[NCV4274ADS50R4G](#)

ON Semiconductor, LLC
SOT263



[NCP1399ACDR2G](#)

ON Semiconductor, LLC
SOP16



[NCP3334DADJR2G](#)

ON Semiconductor, LLC
SOIC-8



[NCP330MUTBG](#)

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UDFN-4



[NCP1252ADR2G](#)

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SOIC-8