



Product Overview

NCV4949: 100 mA LDO Linear Voltage Regulator with Reset, Delay Reset and Early Warning

For complete documentation, see the data sheet

Product Description

The L4949 is a 5.0 V voltage regulator with a very low dropout and additional functions such as power-on reset and input voltage sense.

It is designed for supplying the micro-computer controlled systems especially in automotive applications.

Features	Benefits
<ul style="list-style-type: none">• Very Low Dropout Voltage Less Than 0.4V• Programmable Reset Pulse Delay With External Capacitor• Integrated Voltage Sense Comparator and Power On Reset• Integrated Protections:<ul style="list-style-type: none">- Thermal Shutdown- Short CircuitTransient Input Voltage Up to 40V• 5.0V / 100mA High Precision Standby Output Voltage +/- 1% at 25C ambient temperature• AEC-Q100 qualified	<ul style="list-style-type: none">• Operates at lower input voltage during cranking.• Design flexibility• Decrease BOM cost and save space while managing microcontroller power management• Suitable in harsh automotive environment

Applications	End Products
<ul style="list-style-type: none">• Powertrain and Engine Control• Body and Chassis	<ul style="list-style-type: none">• Automotive

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