

LDO Regulator Pos 5V 0.25A 3-Pin TO-92 T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: TO-92

Product Type: Power Management ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The L4931 is a very low drop regulator available in SO-8, DPAK, PPAK and TO-92 packages and in a wide range of output voltages. The very low drop voltage (0.4 V) and the very low quiescent current make it particularly suitable for low noise, low power applications and especially in battery-powered systems. A TTL compatible shutdown logic control function is available in PPAK and SO-8 packages. This means that when the device is used as a local regulator, a part of the board can be put in standby mode, decreasing the total power consumption. It requires only a 2.2 μ F capacitor for stability allowing space and cost saving. The L4931 is available as automotive-grade in SO-8 package only. This device is qualified according to the specification AEC-Q100 of the automotive market, in the temperature range from 40 °C to 125 °C, and the statistical tests: PAT, SYL, SBL are performed.

Key Features

Very low dropout voltage (0.4V)

Very low quiescent current

Typ. 50 μ A in OFF mode, 600 μ A in ON mode

Output current up to 250mA

Logic controlled electronic shutdown

Output voltages: 3.3; 3.5; 5; 12V

Recommended For You

TL431CDT

STMicroelectronics, Inc

SOP8

L4974A

STMicroelectronics, Inc

DIP20

L4941BV

STMicroelectronics, Inc

TO220

L4995JTR

STMicroelectronics, Inc
HSSOP12

L4981AD

STMicroelectronics, Inc
SOP20

L4981AD013TR

STMicroelectronics, Inc
SOP20

L4981BD

STMicroelectronics, Inc
SOP20

L4931ABD33-TR

STMicroelectronics, Inc
SOP-8

L4978

STMicroelectronics, Inc
DIP8

L4979MD013TR

STMicroelectronics, Inc
SOP-20

TL431ACZ-AP

STMicroelectronics, Inc
TO-92

L4984D

STMicroelectronics, Inc
SSOP10

TL431ACZ

STMicroelectronics, Inc
TO-92

TL431AIZ

STMicroelectronics, Inc
TO-92

TL431CL3T

STMicroelectronics, Inc
SOT23