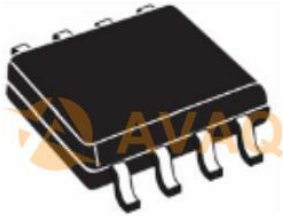
L4931ABD33-TR

LDO Regulator Pos 3.3V 0.25A 8-Pin SO N T/R

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOP-8
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active



Images are for reference only

Inquiry

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 µF 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

Verylowdropoutvoltage(0.4V)

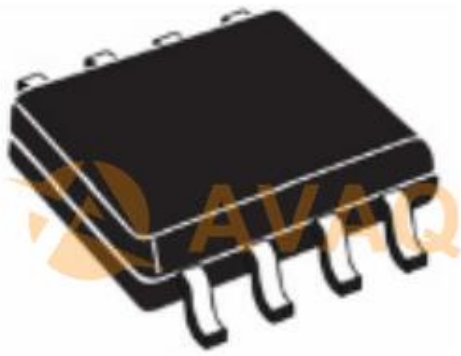
Verylowquiescentcurrent

Typ.50µAinOFFmode,600µAinONmode

Outputcurrentupto250mA

Logiccontrolledelectronicshutdown

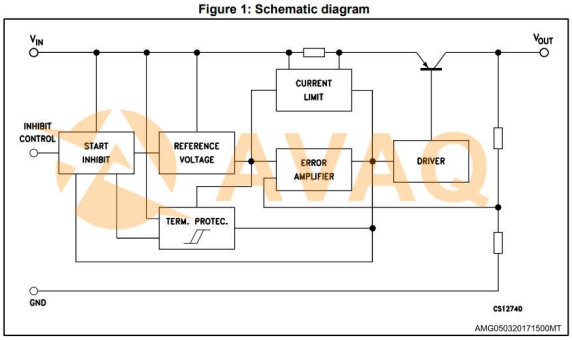
Outputvoltages:3.3;3.5;5;12V



SO-8

1 Diagram

Figure 1: Schematic diagram



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

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

L4953G

STMicroelectronics, Inc

ZIP15