


LDO Regulator Pos 5V 0.15A Automotive 20-Pin SO Tube

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOP20
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

L4979D and L4979MD are low dropout linear regulators with microprocessor control functions such as low voltage reset, watchdog, on/off control. Typical quiescent current is 100 μ A in very low output current mode and enabled regulator. The devices drop to 6 μ A with not enabled regulators. On chip trimming results in high output voltage accuracy (+/-2%). Accuracy is kept over wide temperature range, line and load variation. The maximum input voltage is 40 V. The max output current is internally limited. Internal temperature protection disables the voltage regulator output.

Key Features

- AEC-Q100 qualified
- Operating DC supply voltage range 5.6 V to 31 V
- Low quiescent current (6 μ A typ. @ 25 °C with enable low)
- High precision output voltage (+/-2%)
- Low dropout voltage less than 0.5 V
- Reset circuit sensing the output voltage down to 1 V
- Programmable reset pulse delay with external capacitor
- Watchdog
- Programmable watchdog timer with external capacitor
- Thermal shutdown and short circuit protection
- Automotive temperature range (Tj = -40 °C to 150 °C)
- Enable input for enabling/disabling the voltage regulator output

Application

- Switching Power Supplies including Mini adapters and Displays
- Instrumentation
- Engine Control Recirculation Diodes
- Freewheeling Diode Where Space is at a Premium
- Automotive
- Lighting
- Gasoline Direct Injection

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

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TO-92

TL431CL3T

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