
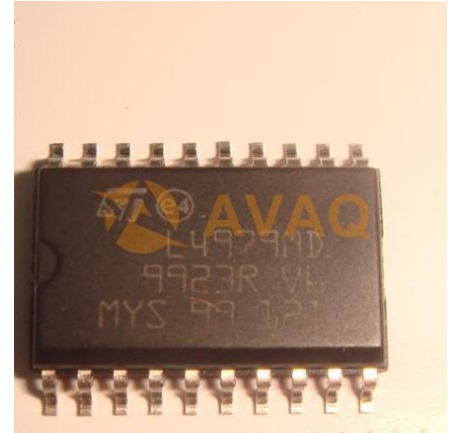


## LDO Regulator Pos 5V 0.15A Automotive 20-Pin SO T/R

<b>Manufacturer:</b>	<a href="#">STMicroelectronics, Inc</a>
<b>Package/Case:</b>	SOP-20
<b>Product Type:</b>	Power Management ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	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  $\mu$ A in very low output current mode and enabled regulator. The devices drop to 6  $\mu$ 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  $\mu$ 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

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### **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**

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SOP-8

### **L4978**

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DIP8

### **TL431ACZ-AP**

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TO-92

### **L4984D**

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### **TL431ACZ**

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### **TL431AIZ**

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### **TL431CL3T**

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SOT23

### **L4953G**

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ZIP15