

POSITIVE VOLTAGE REGULATORS, Linear Regulators - Standard 5.0V 0.5A Positive

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	TO-252
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for L78M05CDT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

L78M05CDT is a voltage regulator IC (Integrated Circuit) that provides a fixed output voltage of 5V. It is commonly used in electronic circuits to regulate the voltage and protect sensitive electronic components from voltage fluctuations. Here are some of its features and applications:

### Features

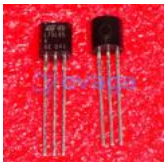
- Output voltage: 5V
- Output current: up to 500mA
- Input voltage range: 7V to 35V
- Low dropout voltage
- Thermal overload protection
- Short-circuit protection
- Output voltage accuracy:  $\pm 2\%$

### Application

- Power supply for microcontrollers, sensors, and other electronic devices
- Battery charger circuits
- Voltage regulator for automotive electronics
- Power supply for audio amplifiers
- Power supply for LED lighting systems



## Related Products



### [L79L05ACZ](#)

STMicroelectronics, Inc  
TO-92



### [L7986TR](#)

STMicroelectronics, Inc  
QFN10



### [L78L15ABUTR](#)

STMicroelectronics, Inc  
SOT-89



### [L78L12ABUTR](#)

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[L7812CP](#)

STMicroelectronics, Inc  
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[L7809ABD2T-TR](#)

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TO-220



[L7824CD2T-TR](#)

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