

IC REG LDO ADJ DDPAK-3

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOT263-3
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1587CM or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LT1587CM is a linear voltage regulator IC (integrated circuit) designed and manufactured by Analog Devices Inc. It is a low dropout (LDO) regulator with a maximum dropout voltage of 1.5V and a maximum input voltage of 30V. The LT1587CM is capable of providing up to 5A of output current with an adjustable output voltage range from 1.25V to 27V.

### Features

- Low dropout voltage of 1.5V
- Maximum input voltage of 30V
- Adjustable output voltage from 1.25V to 27V
- Output current capability of up to 5A
- Thermal shutdown protection
- Reverse battery protection
- Overcurrent protection
- Short circuit protection

### Application

- Power supplies for microcontrollers, digital circuits, and other low voltage electronic devices
- Battery charging circuits
- Audio amplifiers
- Voltage regulators for automotive applications
- Portable electronic devices such as smartphones, tablets, and laptops



**Related Products**



[LT1129CST-5](#)

Analog Devices, Inc  
SOT223



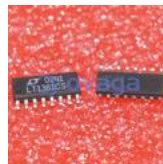
[LT1716HS5](#)

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[LT1716HS5#PBF](#)

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[LT1381CS](#)

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SOP-16



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