

7A, 4.6A, 3A Low Dropout Fast Response Positive Regulators Adjustable a...

Manufacturers	Analog Devices, Inc
Package/Case	TO-220
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1584CT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1584CT is a voltage regulator integrated circuit (IC) manufactured by Linear Technology (now part of Analog Devices). It is a low dropout (LDO) linear regulator with a maximum input voltage of 30V and an adjustable output voltage range of 1.2V to 29V. The LT1584CT has a maximum output current of 7.5A and features current limiting and thermal shutdown protection.

Features

- Low dropout voltage
- Wide input voltage range
- Adjustable output voltage
- High output current capability
- Current limiting and thermal shutdown protection

Application

- Power supplies for microprocessors, microcontrollers, and other digital ICs
- Battery chargers
- Audio amplifiers
- Instrumentation and measurement equipment



Related Products



[LT1129CST-5](#)

Analog Devices, Inc
SOT223



[LT1716HS5](#)

Analog Devices, Inc
SOT23-5



[LT1716HS5#PBF](#)

Analog Devices, Inc
SOT-23



[LT1587CM](#)

Analog Devices, Inc
SOT263-3



[LT1381CS](#)

Analog Devices, Inc
SOP-16



[LTC3560ES6](#)

Analog Devices, Inc
SOT23



[LTC4440ES6](#)

Analog Devices, Inc

SOT23-6



[LT1185CT](#)

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