

LDO Voltage Regulators LT1086 - 1.5A Low Dropout Positive Regulators Adjustable and Fixed 2.85V, 3.3V, 3.6V, 5V, 12V

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TO-220
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1086CT-5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LT1086CT-5 is a voltage regulator IC (integrated circuit) manufactured by Linear Technology (now part of Analog Devices). It is a low dropout (LDO) positive voltage regulator that can provide up to 1.5 amps of output current with a dropout voltage of only 1.2 volts at full load.

## Features

Wide input voltage range: 3.6V to 20V

Output voltage range: 5V (fixed)

Low dropout voltage: 1.2V at full load

Low quiescent current: 5mA

Short-circuit protection

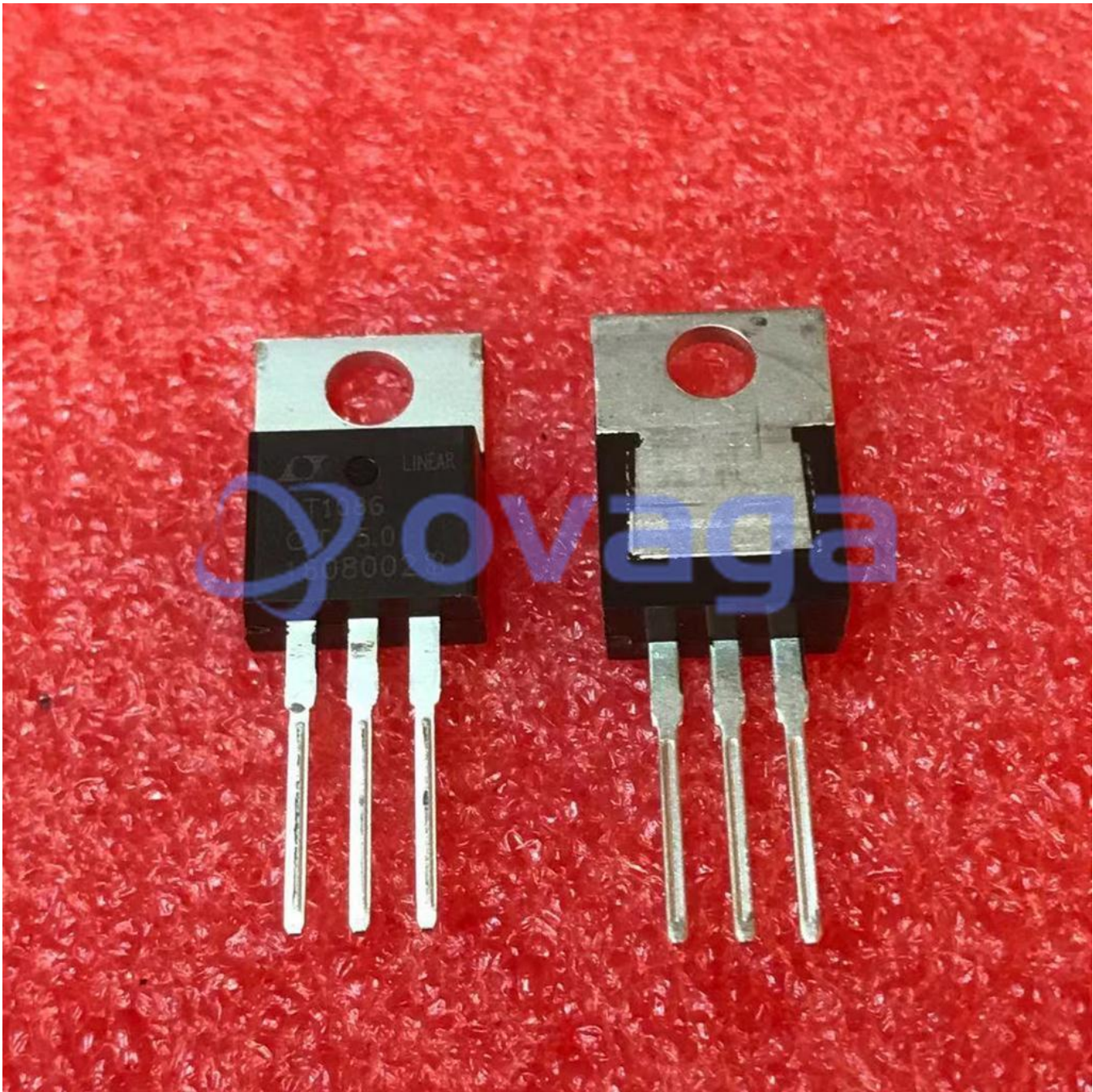
Thermal shutdown protection

## Application

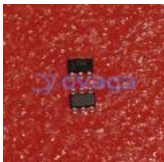
Power supplies for microprocessors and other digital circuits

Voltage regulation for audio amplifiers and other analog circuits

Battery-powered applications where a low dropout voltage is required



### Related Products



[LT1616ES6](#)

Analog Devices, Inc  
SOT-23-6



[LT3469ETS8](#)

Analog Devices, Inc  
SOT23-8



[LT1210CT7](#)

Analog Devices, Inc  
TO-220-7



[LT3470ITS8](#)

Analog Devices, Inc  
TSOT23-8



[LT1170HVCT](#)

Analog Devices, Inc  
TO-220



[LT1086MH](#)

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[LT1964ES5-BYP#PBF](#)

Analog Devices, Inc  
SOT-23-5



[LT3468ES5-1](#)

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SOT23