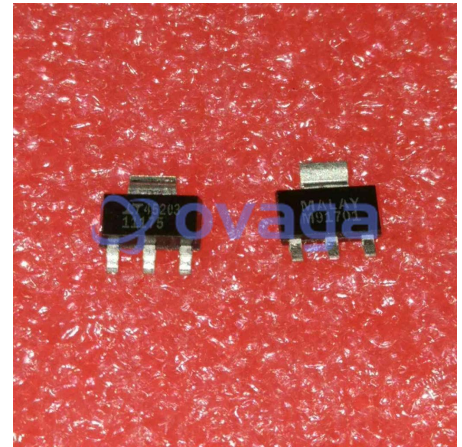


LDO Voltage Regulators LT1117 - 800mA Low Dropout Positive Regulators Adjustable and Fixed 2.85V, 3.3V, 5V

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOT-223
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1117CST-5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LT1117CST-5 is a voltage regulator integrated circuit (IC) manufactured by Linear Technology (now a part of Analog Devices). It is a low dropout (LDO) regulator that can provide a fixed output voltage of 5V with a maximum output current of 800mA.

## Features

**Low dropout voltage:** The regulator can maintain a stable output voltage with a low input-to-output voltage differential, which allows for efficient power conversion.

**Thermal protection:** The IC is designed to protect against overheating, with a thermal shutdown feature that disables the regulator if the temperature exceeds a certain threshold.

**Short-circuit protection:** The IC includes current limiting and foldback protection to prevent damage from short circuits.

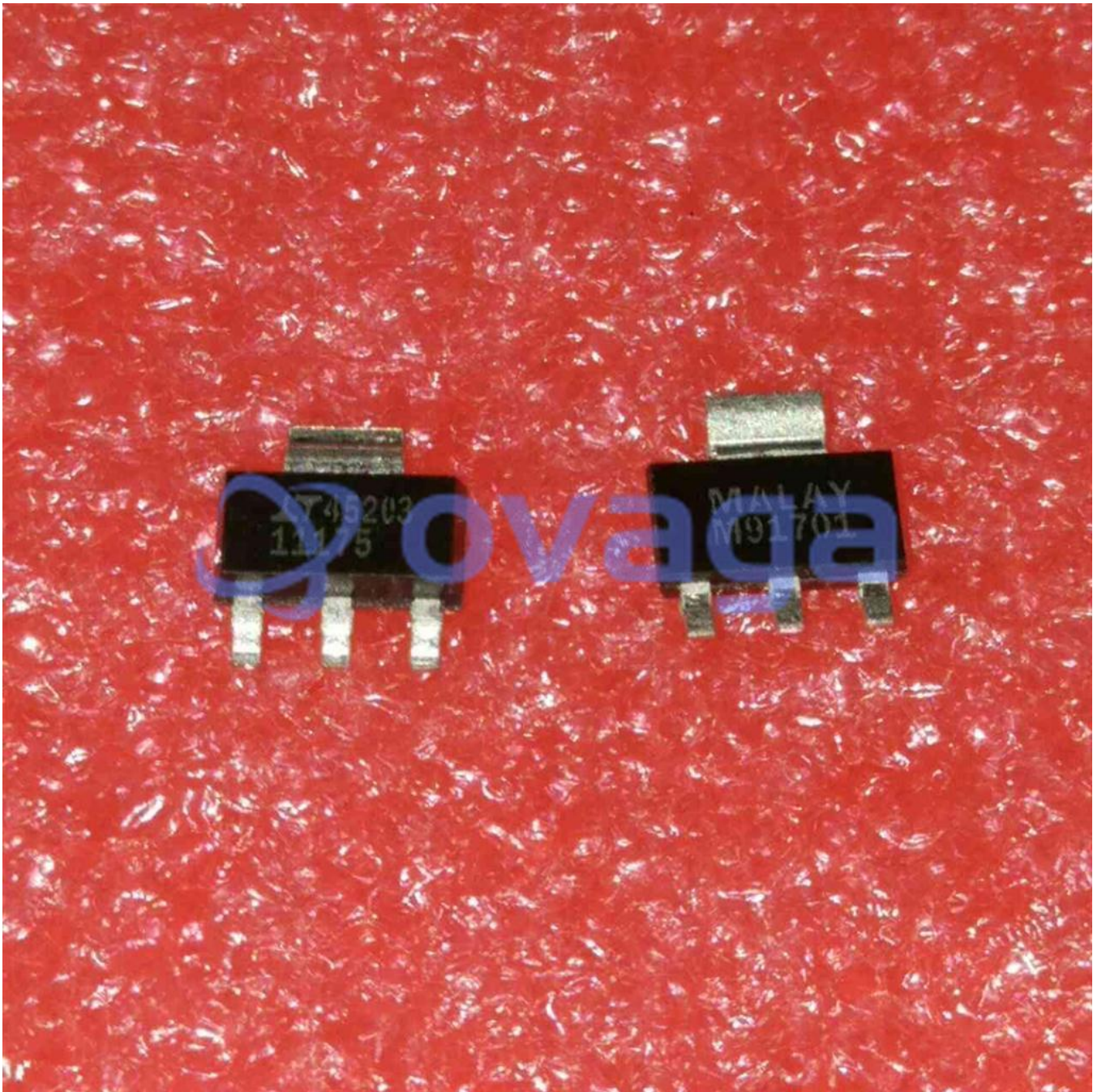
## Application

Power supplies for microcontrollers and other digital circuits

Battery-powered devices

Audio equipment and amplifiers

Industrial control systems



### Related Products



[LT3015EQ](#)

Analog Devices, Inc  
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc  
MSOP-8



[LTC2990IMS](#)

Analog Devices, Inc  
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc  
TSOT23



[LT5560EDD](#)

Analog Devices, Inc  
QFN-8



[LT1963AES8](#)

Analog Devices, Inc  
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc  
TSSOP1



[LT1764EQ](#)

Analog Devices, Inc  
TO-263