

500mA Negative Low Dropout Micropower Regulator

Manufacturers	Analog Devices, Inc
Package/Case	SOP8P
Product Type	Optoelectronics
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1175IS8-5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1175IS8-5 is a voltage regulator integrated circuit (IC) designed and manufactured by Linear Technology Corporation, now a part of Analog Devices. It is a 5V fixed output linear regulator that can operate with an input voltage range of 2.5V to 60V.

Features

- Output voltage: 5V
- Output current: up to 1.5A
- Input voltage range: 2.5V to 60V
- Low dropout voltage: 1.2V at full load
- Adjustable current limit
- Over-temperature and over-current protection

Application

- Power supplies for microcontrollers, sensors, and other electronic devices
- Battery chargers and power management systems
- Industrial and automotive systems
- Portable devices and battery-powered equipment



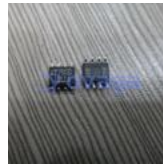


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SOP-8



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10/MSOP