

High Efficiency Low Noise Synchronous Step-Down Switching Regulator

Manufacturers	Analog Devices, Inc
Package/Case	SOP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1435CS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC1435CS is a part number for a specific integrated circuit (IC) from Linear Technology (now part of Analog Devices), which is a high-efficiency synchronous step-down DC-DC converter. The LTC1435CS is a surface-mountable package with 16 pins, and it operates over a wide input voltage range of 4.5V to 16V, delivering a fixed or adjustable output voltage in the range of 0.8V to 5V.

Features

- High efficiency up to 95%
- Low dropout operation: 100% duty cycle
- Adjustable switching frequency: 100kHz to 300kHz
- Internal synchronous rectifier
- Short-circuit protection
- Soft-start capability
- Power good output
- Thermal shutdown

Application

- Distributed power systems
- Battery-powered systems
- Telecom and networking equipment
- Industrial control systems
- Automotive systems
- Portable devices



Related Products



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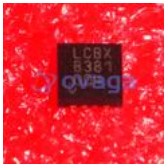
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