

Wide Input Range, No RSENSE™ Current Mode Boost, Flyback and SEPIC ...

Manufacturers	Analog Devices, Inc
Package/Case	MSOP10
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1871EMS-1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC1871EMS-1 is a high efficiency, 100kHz fixed frequency step-up DC/DC converter from Linear Technology (now part of Analog Devices). It has a wide input voltage range of 3V to 30V and can provide an output voltage up to 60V. It is designed for use in various applications including portable instruments, automotive systems, telecom systems, and battery-powered systems.

Features

- Wide input voltage range: 3V to 30V
- Output voltage up to 60V
- High efficiency: up to 95%
- 100kHz fixed frequency operation
- Adjustable output voltage
- Soft-start function
- Thermal shutdown and current limit protection

Application

- Portable instruments
- Automotive systems
- Telecom systems
- Battery-powered systems
- Industrial control systems
- Power supplies for LED lighting



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LTC2990IMS](#)

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MSOP-10



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