

## **LTC1871EMS-1**

Data Sheet

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

Manufacturers <u>Analog Devices, Inc</u>

Package/Case MSOP10

Product Type Integrated Circuits (ICs)

**RoHS** 

Lifecycle

**Features** 



Images are for reference only

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

**RFO** 

## **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.

**Application** 

Wide input voltage range: 3V to 30V	Portable instruments
Output voltage up to 60V	Automotive systems
High efficiency: up to 95%	Telecom systems
100kHz fixed frequency operation	Battery-powered systems

Adjustable output voltage Industrial control systems

Soft-start function Power supplies for LED lighting

Thermal shutdown and current limit protection



## **Related Products**



LT3015EQ
Analog Devices, Inc
TO-263



LTC4357HMS8

Analog Devices, Inc
MSOP-8

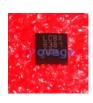


LTC2990IMS

Analog Devices, Inc
MSOP-10



LT1964ES5-SD#PBF
Analog Devices, Inc
TSOT23



LT5560EDD

Analog Devices, Inc

QFN-8



Analog Devices, Inc SOP-8

LT1963AES8



LT1764AEFE
Analog Devices, Inc
TSSOP1



LT1764EQ
Analog Devices, Inc
TO-263