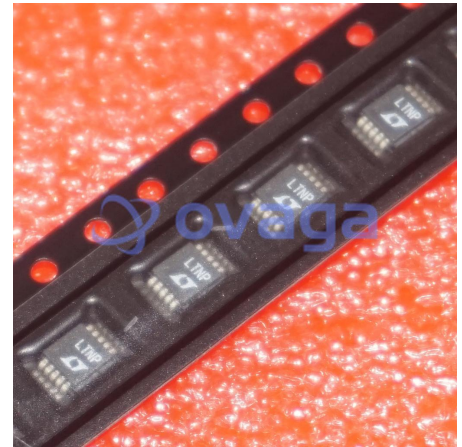


Micropower Synchronous Buck-Boost DC/DC Converter; Package: MSOP; No of Pins: 10;
Temperature Range: -40°C to +125°C

Manufacturers	Analog Devices, Inc
Package/Case	MSOP10
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3440EMS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC3440EMS is a step-up DC-DC converter IC (integrated circuit) manufactured by Linear Technology (now part of Analog Devices). It is a high-efficiency, low-quiescent current, 600mA converter that can operate from a single-cell lithium-ion battery, multi-cell alkaline/NiCad/NiMH batteries, or other power sources with an input voltage of up to 5.5V.

Features

- High efficiency: up to 96%
- Low quiescent current: 20µA
- Output voltage can be set from 2.5V to 5.25V with an external resistor
- Can operate in burst mode for high efficiency at light loads
- Soft-start function to limit inrush current
- Overtemperature protection
- Small package size: MSOP-10

Application

- Portable devices such as smartphones, digital cameras, and portable media players
- Battery-powered devices such as remote controls, toys, and handheld instruments
- Industrial and automotive applications where a wide input voltage range is required



Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



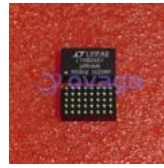
[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LTM8045EY#PBF](#)

Analog Devices, Inc
BGA40



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN



[LT8471IFE#PBF](#)

Analog Devices, Inc
TSSOP-20