

Synchronous, Fixed Frequency Step-Up DC/DC Converter

Manufacturers	Analog Devices, Inc
Package/Case	SOP-8
Product Type	Switch, DC to DC regulator, the controller
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1306ES8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1306ES8 is a voltage regulator integrated circuit (IC) designed and manufactured by Linear Technology Corporation, now part of Analog Devices Inc. It is a high-efficiency, step-up DC-DC converter that can generate output voltages up to 15V from input voltages as low as 1.5V.

Features

- Input voltage range: 1.5V to 10V
- Output voltage range: 2V to 15V
- Maximum output current: 600mA
- High efficiency: up to 96%
- Low quiescent current: 100µA
- Adjustable switching frequency: 250kHz to 2.5MHz
- Over-temperature and over-current protection

Application

- Portable electronic devices, such as smartphones, tablets, and digital cameras
- Wireless communication systems
- Power supplies for automotive and industrial applications
- LED lighting systems
- Battery chargers



Related Products



[LT3430IFE](#)

Analog Devices, Inc
TSSOP-16



[LTC3832EGN](#)

Analog Devices, Inc
SSOP-16



[LTC3900ES8](#)

Analog Devices, Inc
SOP8



[LT1074IT7](#)

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TO-220-7



[LT1074HVCT7](#)

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[LT1158CSW](#)

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[LTC1625CS](#)

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SOIC-16