

2.25MHz, 800mA Synchronous Step-Down Regulator in ThinSOT

Manufacturers	Analog Devices, Inc
Package/Case	SOT23
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3560ES6 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC3560ES6 is a DC-DC converter chip from Linear Technology (now part of Analog Devices). It is a high-efficiency, low-noise synchronous step-up DC-DC converter that operates over a wide input voltage range of 1.8V to 5.5V. The device can supply an output voltage up to 5V with a maximum output current of 500mA.

Features

- High efficiency up to 94%
- Low quiescent current of 19 μ A
- Internal synchronous rectifier and compensation
- Soft-start and current limit
- Short-circuit protection
- Thermal shutdown

Application

- Portable devices such as smartphones, tablets, and digital cameras
- Wireless modules
- Battery-powered systems
- USB-powered devices
- Wearable devices



Related Products



[LT1129CST-5](#)

Analog Devices, Inc
SOT223



[LT1716HS5](#)

Analog Devices, Inc
SOT23-5



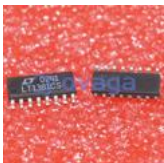
[LT1716HS5#PBF](#)

Analog Devices, Inc
SOT-23



[LT1587CM](#)

Analog Devices, Inc
SOT263-3



[LT1381CS](#)

Analog Devices, Inc
SOP-16



[LTC4440ES6](#)

Analog Devices, Inc
SOT23-6



[LT1185CT](#)

Analog Devices, Inc
TO-220



[LTC3429ES6](#)

Analog Devices, Inc
SOT-23-6