

1.3MHz/3MHz Step-Up DC/DC Converters with Integrated Schottky in ThinSOT

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOT23
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT3461AES6 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LT3461AES6 is a high-efficiency, low-quiescent-current DC/DC converter manufactured by Linear Technology (now part of Analog Devices). It is a step-up (boost) converter that can convert input voltages as low as 1.8V to output voltages as high as 30V. The LT3461AES6 operates at a fixed frequency of 1.2 MHz and is capable of delivering up to 1.5A of output current.

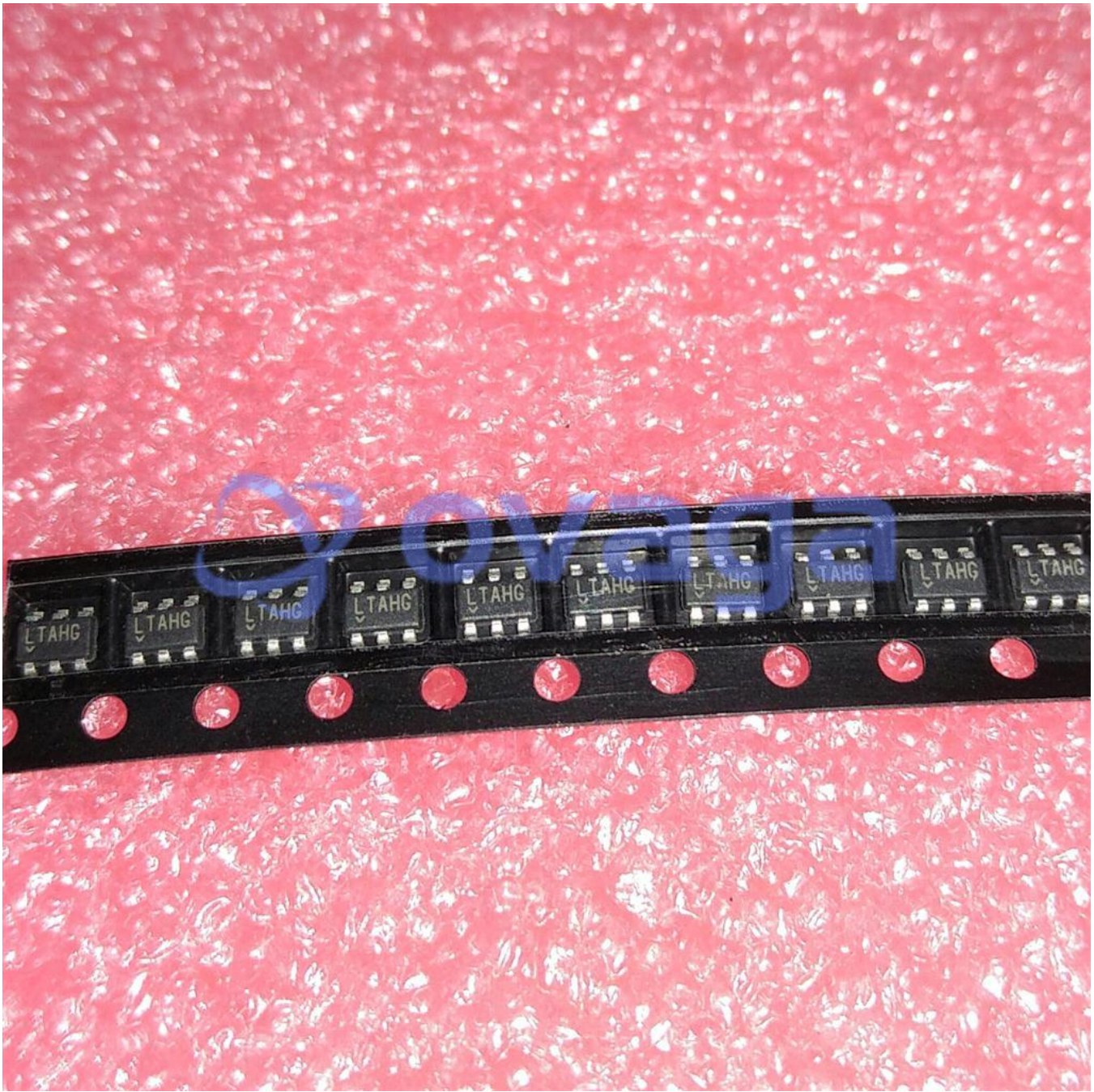
## Features

- Wide input voltage range of 1.8V to 18V
- Fixed 1.2 MHz switching frequency
- Internal 1.5A, 60V power switch
- Low shutdown current of 20µA
- Soft-start and current limit
- Thermal shutdown and current limit protection

## Application

- Portable media players and other handheld devices
- Battery-powered tools and equipment
- Automotive and industrial electronics
- LED lighting and backlighting
- Distributed power supplies





## Related Products



### [LTC1966CMS8](#)

Analog Devices, Inc  
MSOP-8



### [LTC2600IGN](#)

Analog Devices, Inc  
SSOP-16



### [LT1054ISW](#)

Analog Devices, Inc  
SOP-16



### [LTC2208CUP](#)

Analog Devices, Inc  
QFN64



[LT1931ES5](#)

Analog Devices, Inc  
SOT-23



[LTC1606IG](#)

Analog Devices, Inc  
SSOP-28



[LTC1446CS8](#)

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SOP-8



[LT3463EDD](#)

Analog Devices, Inc  
QFN10