

## No RSENSE™ Current Mode Synchronous Step-Down Switching Regulator

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP16
Product Type	Switch, DC to DC regulator, the controller
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1625IS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTC1625IS is a DC-DC step-up converter IC manufactured by Linear Technology (now part of Analog Devices). It is a high efficiency, current-mode, 1.2 MHz step-up DC-DC converter with an integrated 400mA power switch. It can operate from an input voltage as low as 0.7V and can provide an output voltage as high as 15V.

## Features

- Input voltage range: 0.7V to 5.5V
- Output voltage range: up to 15V
- Integrated 400mA power switch
- 1.2MHz switching frequency
- High efficiency: up to 96%
- Current-mode operation for excellent line and load regulation
- Soft-start function
- Thermal shutdown protection

## Application

- Battery-powered systems
- Portable electronics
- Energy harvesting
- LED drivers
- Power supplies for RF modules





**Related Products**



[LT3430IFE](#)

Analog Devices, Inc  
TSSOP-16



[LTC3832EGN](#)

Analog Devices, Inc  
SSOP-16



[LTC3900ES8](#)

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TO-220-7



[LT1074HVCT7](#)

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[LTC1158CSW](#)

Analog Devices, Inc  
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[LTC1625CS](#)

Analog Devices, Inc  
SOIC-16



[LTC1628CG](#)

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SSOP-28