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## LTC1625IS

LTC1625IS

Data Sheet

No RSENSE TM Current Mode Synchronous Step-Down Switching Regulator

Manufacturers Analog Devices, Inc
Package/Case SOP16
Product Type Switch, DC to DC regulator, the controller
RoHS Images are for reference only
Lifecycle

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

<u>RFQ</u>

### **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, currentmode, 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



LTC3900ES8 Analog Devices, Inc SOP8

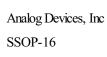






LTC1625CS Analog Devices, Inc SOIC-16





LTC3832EGN



Analog Devices, Inc TO-220-7

#### LT1158CSW

Analog Devices, Inc SOP16



Analog Devices, Inc SSOP-28



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Ovaga Technologies Limited