

Switched-Capacitor Wide Input Range Voltage Converter with Shutdown

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP-8
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1144IS8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTC1144IS8 is a type of DC/DC converter IC (integrated circuit) designed by Linear Technology Corporation (now part of Analog Devices) that provides a regulated output voltage from an unregulated input voltage.

## Features

Wide input voltage range: 2.5V to 18V

Output voltage can be set to a value between 1.25V and  $V_{IN}-1.5V$

Can deliver output currents of up to 500mA

Low dropout voltage of 0.6V

Low quiescent current of 120 $\mu$ A

Shutdown mode with <1 $\mu$ A standby current

Internal soft-start

Thermal shutdown and current limit protection

## Application

Battery-powered systems

Portable devices

Automotive electronics

Industrial control systems

Distributed power systems

Telecom equipment



## Related Products



### [LTC1966CMS8](#)

Analog Devices, Inc  
MSOP-8



### [LT1054ISW](#)

Analog Devices, Inc  
SOP-16



### [LT1931ES5](#)

Analog Devices, Inc  
SOT-23



### [LTC2600IGN](#)

Analog Devices, Inc  
SSOP-16



### [LTC2208CUP](#)

Analog Devices, Inc  
QFN64



### [LTC1606IG](#)

Analog Devices, Inc  
SSOP-28



[LTC1446CS8](#)

Analog Devices, Inc  
SOP-8



[LT3463EDD](#)

Analog Devices, Inc  
QFN10