

Switched-Capacitor Wide Input Range Voltage Converter with Shutdown

Manufacturers	Analog Devices, Inc
Package/Case	SOP8
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1144CS8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC1144CS8 is an integrated circuit (IC) manufactured by Linear Technology (now part of Analog Devices) that is commonly used as a DC/DC converter controller.

Features

It is a synchronous step-up/step-down DC/DC controller that can operate over a wide input voltage range.

It can regulate output voltages that are higher or lower than the input voltage.

It has a current sense input that can be used to implement current limiting or current-mode control.

It has a shutdown pin that can be used to turn off the converter to save power.

It has built-in protection features such as overvoltage protection and thermal shutdown.

Application

Power supply circuits in various electronic devices.

Battery-powered devices that require a regulated output voltage.

Voltage regulation in automotive and industrial applications.

Distributed power systems.



Related Products



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Analog Devices, Inc
MSOP-8



[LTC2600IGN](#)
Analog Devices, Inc
SSOP-16



[LT1054ISW](#)

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[LTC2208CUP](#)

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QFN10