

Monolithic 1.4A Step-Down Switching Regulator

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT3508HFE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

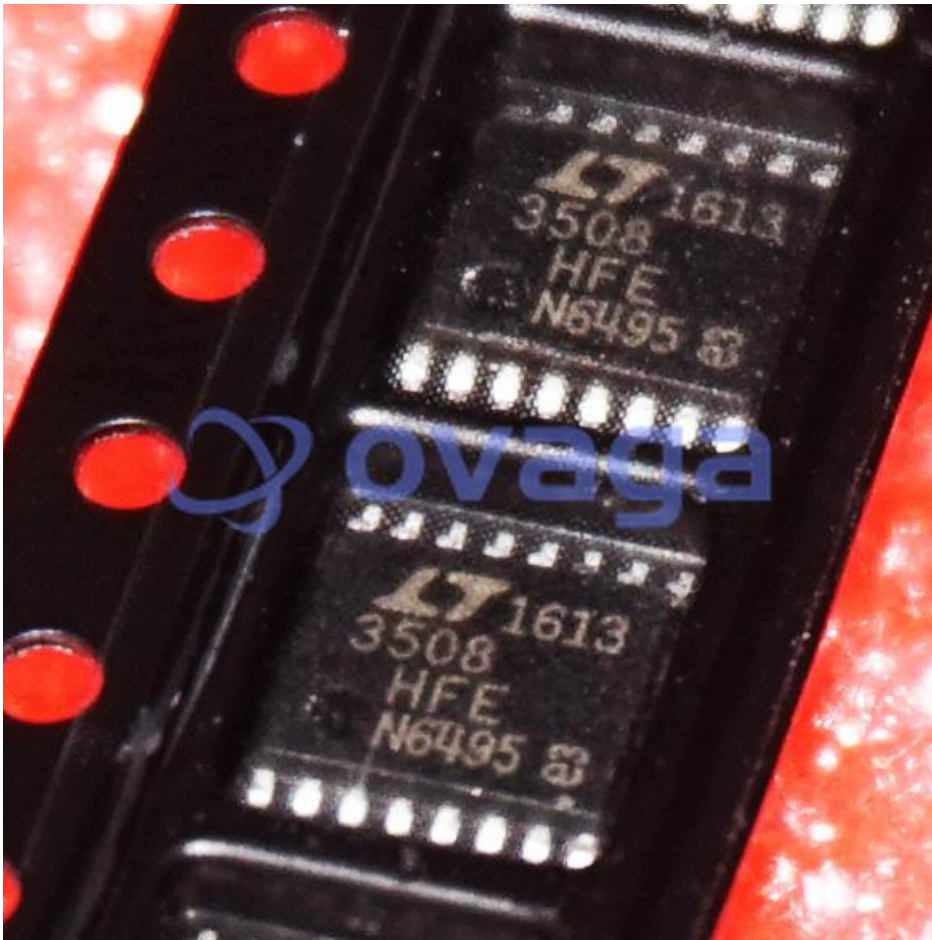
LT3508HFE is a step-up DC/DC converter integrated circuit (IC) designed and manufactured by Analog Devices Inc. It is a high efficiency, low quiescent current, fixed frequency converter that can operate over a wide input voltage range of 2.5V to 42V.

Features

- Wide input voltage range: 2.5V to 42V
- High efficiency: up to 96%
- Low quiescent current: 20µA
- Fixed frequency operation: 2.2MHz
- Programmable soft-start
- Adjustable current limit
- Thermal shutdown and current limit protection

Application

- Battery-powered systems
- Automotive and industrial systems
- LED backlighting
- Portable instruments
- Distributed power systems
- Telecom and networking equipment



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

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TSOT23



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TO-263