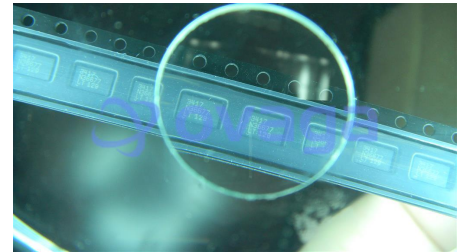


Dual Synchronous 1.4A/800mA 4MHz Step-Down DC/DC Regulator



Images are for reference only

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

Please submit RFQ for LTC3417EDHC or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

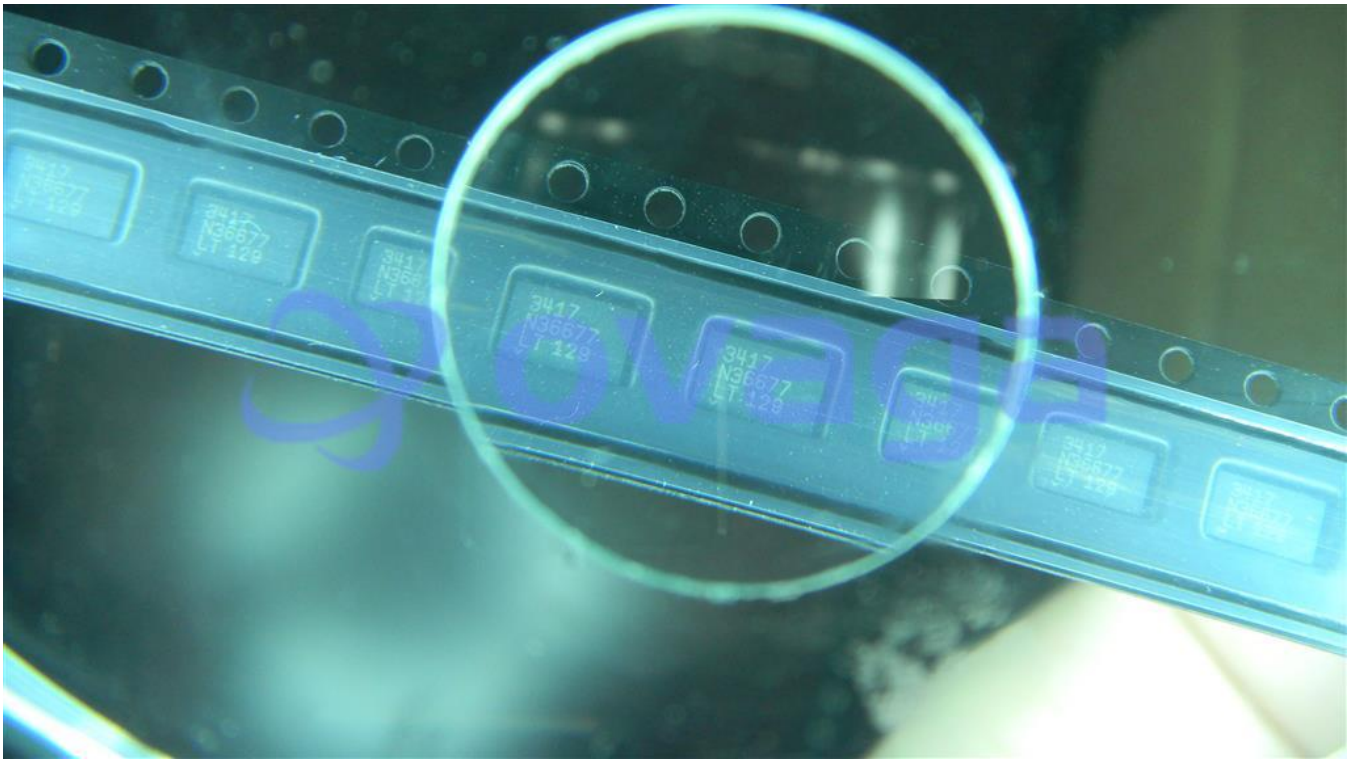
LTC3417EDHC is a specific model of a high-efficiency, synchronous step-down DC-DC converter, manufactured by Linear Technology Corporation, now a part of Analog Devices Inc. It is designed to convert input voltages ranging from 2.25V to 5.5V to a regulated output voltage with high efficiency, making it suitable for various applications.

Features

- Wide input voltage range: 2.25V to 5.5V
- High efficiency: up to 95%
- Adjustable output voltage: 0.6V to VIN
- Maximum output current: 4A
- Synchronous rectification for improved efficiency
- Low dropout voltage: typically 350mV at 2A
- Fixed frequency operation: 2.25MHz
- Small form factor: 3mm x 4mm DFN package

Application

- Portable devices, such as smartphones, tablets, and digital cameras
- Power supplies for industrial and automotive applications
- Battery-powered systems
- Distributed power systems
- Low voltage microprocessor and DSP core supplies



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



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[LT1964ES5-SD#PBF](#)

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