

1.25A Synchronous Step-Down Regulator

Manufacturers	Analog Devices, Inc
Package/Case	DFN-6
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3564EDCB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC3564EDCB is a DC/DC converter IC (integrated circuit) manufactured by Analog Devices. It is a high-efficiency monolithic synchronous buck regulator that can deliver up to 800mA of output current from a 2.5V to 5.5V input voltage.

Features

- High efficiency: up to 95%
- Low quiescent current: 20 μ A (no load)
- Adjustable output voltage: 0.6V to VIN
- Low dropout voltage: 100mV at 600mA
- Internal synchronous rectifier
- Short-circuit and thermal protection
- Available in a 6-lead DFN package

Application

- Battery-powered devices
- Portable medical equipment
- Digital cameras and camcorders
- Portable media players
- Wireless handheld devices
- Automotive and industrial applications



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc

TSSOP1



[LT1764EQ](#)

Analog Devices, Inc

TO-263