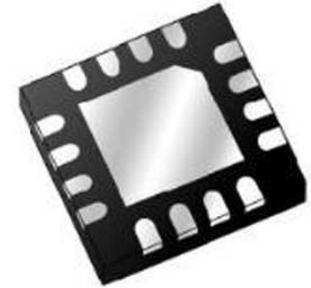


2A Synchronous Buck Li-Ion Charger; Package: QFN; No of Pins: 16; Temperature Range: -40°C to +125°C

Manufacturers	Analog Devices, Inc
Package/Case	QFN16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC4001EUF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC4001EUF is an IC (integrated circuit) from Linear Technology/Analog Devices, now known as ADI (Analog Devices, Inc.). It is a high performance standalone battery charger controller that can be used for charging single-cell lithium-ion/polymer batteries.

Features

- High efficiency: up to 95%
- Wide input voltage range: 4V to 38V
- Programmable charging current: up to 4A
- Charge termination by voltage, current or time
- NTC thermistor input for temperature-qualified charging
- Input current limit
- Automatic recharge
- Fault protection: thermal, battery overvoltage, undervoltage lockout, short-circuit, and reverse-battery protection

Application

- Portable devices such as smartphones, tablets, and portable media players
- Power tools and cordless drills
- Medical devices
- Portable test equipment
- Portable GPS units and other location-based devices

Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LT1764EQ](#)

Analog Devices, Inc
TO-263