

IC CHARGR BATTERY L-ION

Manufacturers	Analog Devices, Inc
Package/Case	SOT-23-5
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC4054ES5-4.2 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC4054ES5-4.2 is a battery charger IC produced by Analog Devices. It is a highly integrated, standalone linear Li-Ion battery charger that requires only an input voltage source, a USB port or AC adapter, to charge a single-cell Li-Ion battery with a constant current/constant voltage (CC/CV) charging profile.

Features

- Charges single-cell Li-Ion batteries
- 4.2V \pm 1% charge voltage with 1% accuracy
- 500mA maximum charge current (adjustable with an external resistor)
- Thermal regulation maximizes charge rate without risk of overheating
- Automatic recharge feature
- Low dropout voltage (145mV at 500mA)
- Status indicator output pin
- Small 5-lead SOT-23 package

Application

- Portable devices such as cell phones, digital cameras, MP3 players, and handheld gaming devices
- Wearable electronics
- Bluetooth devices
- USB-powered devices
- Battery backup systems



Related Products



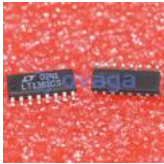
[LT1129CST-5](#)

Analog Devices, Inc
SOT223



[LT1716HS5#PBF](#)

Analog Devices, Inc
SOT-23



[LT1381CS](#)

Analog Devices, Inc
SOP-16



[LTC4440ES6](#)

Analog Devices, Inc
SOT23-6



[LT1716HS5](#)

Analog Devices, Inc
SOT23-5



[LT1587CM](#)

Analog Devices, Inc
SOT263-3



[LTC3560ES6](#)

Analog Devices, Inc
SOT23



[LT1185CT](#)

Analog Devices, Inc
TO-220