

Smart Battery Charger Controller

Manufacturers	<u>Analog Devices, Inc</u>
Package/Case	SSOP24
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC4100EG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC4100EG is a power manager IC (integrated circuit) manufactured by Linear Technology (now a part of Analog Devices). It is designed to manage the power in battery-based systems and is commonly used in portable devices.

Features

- Integrated battery charger
- Maximum Power Point Control (MPPC) for solar-powered systems
- Programmable input current limit
- Programmable charge current limit
- Automatic recharge of deeply discharged batteries
- Overvoltage protection
- Undervoltage lockout
- Thermal shutdown

Application

- Portable devices (such as smartphones, tablets, and laptops)
- Solar-powered systems
- Battery backup systems
- Emergency lighting systems
- LED lighting systems



Related Products



[LTC1966CMS8](#)
Analog Devices, Inc
MSOP-8



[LTC2600IGN](#)
Analog Devices, Inc
SSOP-16



[LT1054ISW](#)
Analog Devices, Inc
SOP-16



[LTC2208CUP](#)
Analog Devices, Inc
QFN64



[LT1931ES5](#)
Analog Devices, Inc
SOT-23



[LTC1606IG](#)
Analog Devices, Inc
SSOP-28



[LTC1446CS8](#)
Analog Devices, Inc
SOP-8



[LT3463EDD](#)
Analog Devices, Inc
QFN10