

Dual, 550kHz, 2-Phase Synchronous Step-Down Switching Regulator; Package: QFN; No of Pins: 32; Temperature Range: -40°C to +125°C

Manufacturers	Analog Devices, Inc
Package/Case	QFN32
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3728EUH or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC3728EUH is a high efficiency synchronous step-down DC/DC converter manufactured by Linear Technology (now part of Analog Devices). It is designed to provide a regulated output voltage from an input voltage that can range from 4V to 38V. The device can deliver up to 2A of output current and has a maximum efficiency of 94%.

Features

- Wide input voltage range: 4V to 38V
- 2A continuous output current
- High efficiency: up to 94%
- Adjustable output voltage
- Synchronous rectification for improved efficiency
- Internal soft-start reduces inrush current
- Overvoltage protection
- Programmable current limit

Application

- Industrial and automotive power supplies
- Distributed power systems
- Battery-powered systems
- Portable devices
- Telecom and networking equipment



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[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