

DC/DC Cntrlr Dual-OUT Step Down 550kHz Automotive 28-Pin SSOP

Manufacturers	Analog Devices, Inc
Package/Case	SSOP28
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3728EG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC3728EG is a synchronous step-down DC/DC controller manufactured by Linear Technology (now part of Analog Devices). It is a high-performance controller that is designed to operate over a wide input voltage range, from 4V to 36V, and it can deliver up to 15A of continuous output current.

Features

- Wide input voltage range: 4V to 36V
- Adjustable output voltage range: 0.6V to 34V
- 15A continuous output current
- Synchronous rectification for high efficiency
- Adjustable switching frequency: 100kHz to 1MHz
- Current-mode control for fast transient response
- Soft-start and tracking functions
- Overvoltage and undervoltage protection
- Overcurrent protection with programmable limit

Application

- Industrial power supplies
- Automotive power systems
- Telecom and networking equipment
- Distributed power systems
- Battery-powered devices
- LED drivers
- Medical equipment



Related Products



[LTC3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LTC2990IMS](#)

Analog Devices, Inc
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[LT1964ES5-SD#PBF](#)

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