

High Efficiency, 2-Phase Synchronous Step-Down Switching Regulators

Manufacturers	Analog Devices, Inc
Package/Case	SSOP-28
Product Type	Switch, DC to DC regulator, the controller
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1628CG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC1628CG is a part number for a switching regulator IC (integrated circuit) manufactured by Linear Technology Corporation, which is now part of Analog Devices.

Features

- Wide input voltage range: 4V to 60V
- Adjustable output voltage range: 0.8V to VIN
- Maximum output current: 2.5A
- High efficiency: up to 94%
- Adjustable switching frequency: 100kHz to 300kHz
- Internal soft-start
- Short-circuit protection
- Thermal shutdown protection

Application

- Automotive and industrial power systems
- Distributed power systems
- Battery-powered systems
- Telecom and networking equipment
- Portable devices



Related Products



[LT3430IFE](#)

Analog Devices, Inc
TSSOP-16



[LTC3832EGN](#)

Analog Devices, Inc
SSOP-16



[LTC3900ES8](#)

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SOP8



[LT1074IT7](#)

Analog Devices, Inc
TO-220-7



[LT1074HVCT7](#)

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[LT1158CSW](#)

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[LTC1625IS](#)

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[LTC1625CS](#)

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SOIC-16