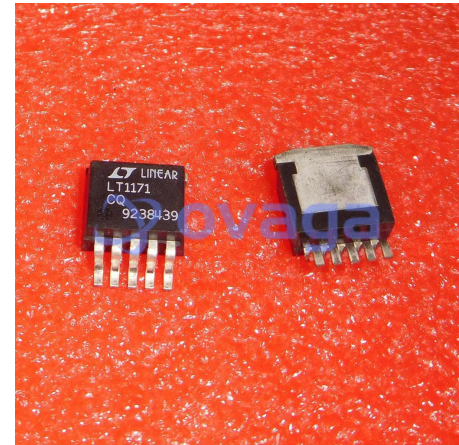


100kHz, 5A, 2.5A and 1.25A High Efficiency Switching Regulators

Manufacturers	Analog Devices, Inc
Package/Case	TO-263
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1171CQ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

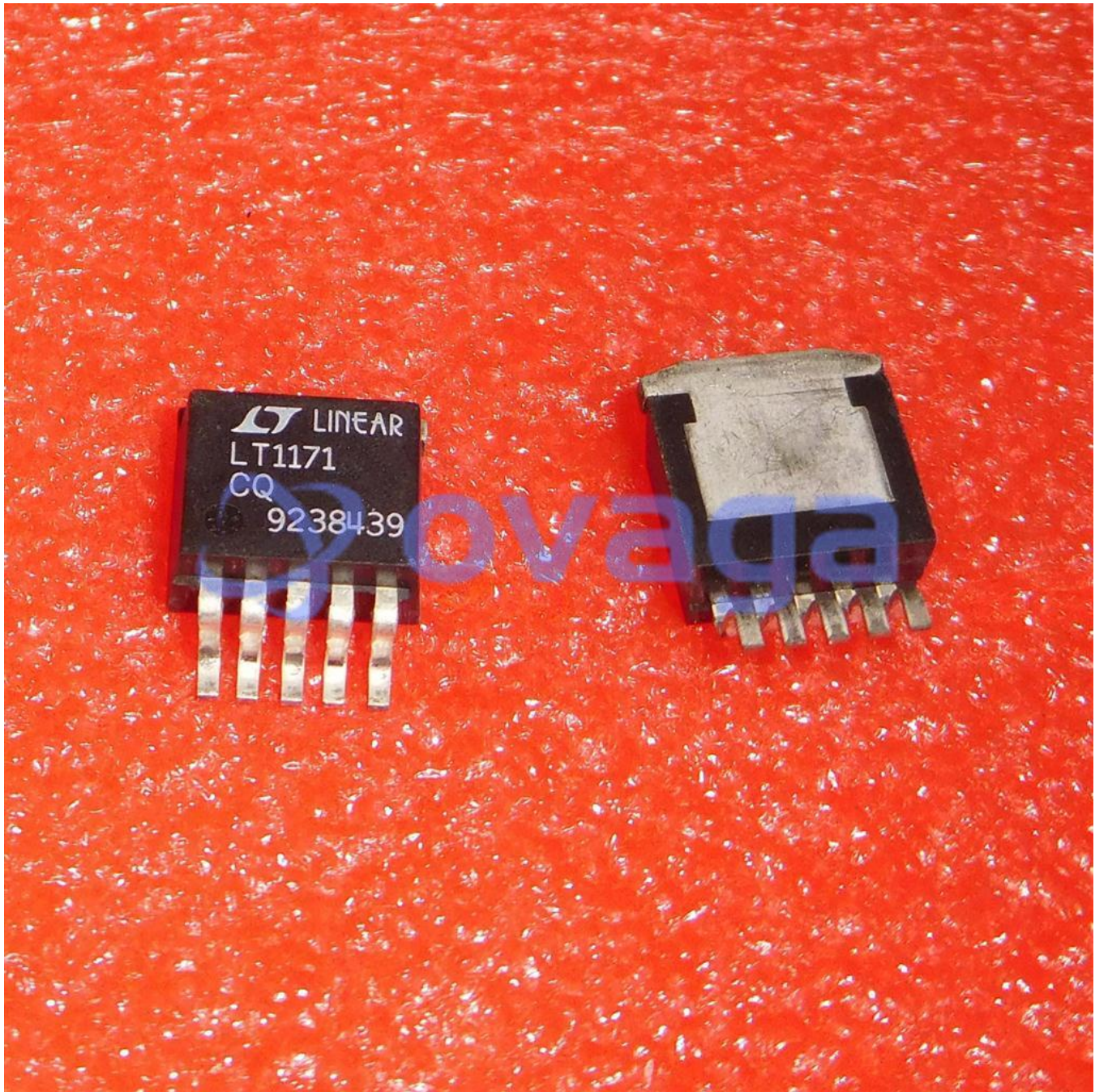
LT1171CQ is a type of voltage regulator IC (integrated circuit) manufactured by Linear Technology Corporation (now part of Analog Devices). It is a high efficiency switching regulator that can handle input voltages up to 60V and output currents up to 1.5A.

Features

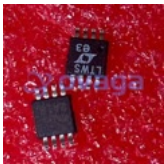
- Wide input voltage range: 3V to 60V
- Adjustable output voltage: 1.25V to 36V
- Output current up to 1.5A
- High efficiency: up to 90%
- Internal current limiting and thermal shutdown protection
- Frequency adjustable up to 500kHz

Application

- DC-DC converters
- Battery chargers
- LED drivers
- Portable instruments and devices
- Automotive applications
- Power supplies for industrial and telecommunications equipment



Related Products



[LTC1860IMS8#PBF](#)

Analog Devices, Inc
MSOP-8



[LTC2351IUH-14#PBF](#)

Analog Devices, Inc
QFN-32



[LTC2600CGN#PBF](#)

Analog Devices, Inc
SSOP16



[LTC2485IDD#PBF](#)

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10MSOP



[LTC2418IGN#PBF](#)

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SSOP28



[LTC1865AIMS#PBF](#)

Analog Devices, Inc
MSOP-1



[LTC2203IUK](#)

Analog Devices, Inc
QFN48