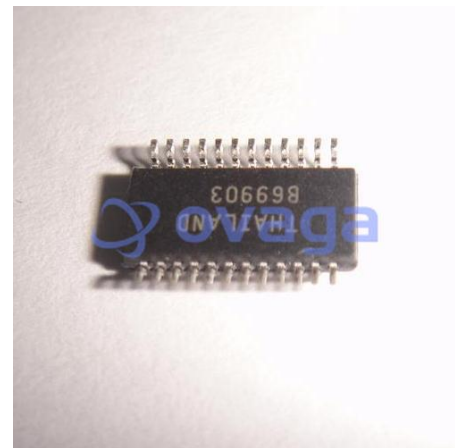


IC POWER MANAGEMENT

Manufacturers	Analog Devices, Inc
Package/Case	SSOP-24
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC3862IGN-1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

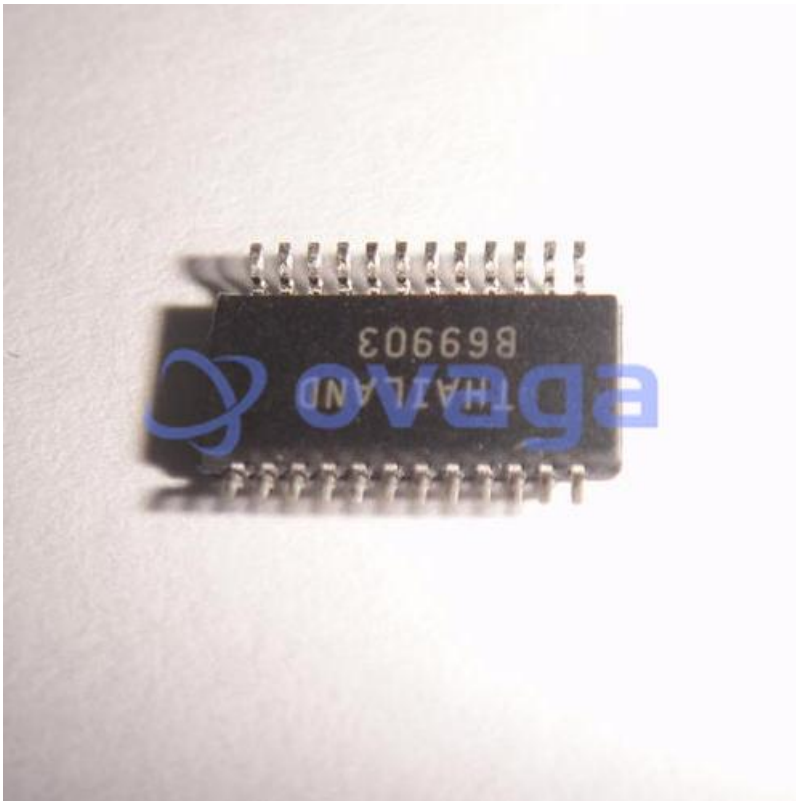
LTC3862IGN-1 is a DC/DC synchronous step-down converter IC (integrated circuit) produced by Linear Technology Corporation, which is now part of Analog Devices.

Features

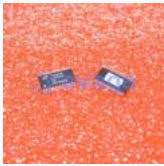
- Wide input voltage range: 4V to 38V
- Adjustable output voltage range: 0.8V to VIN
- Maximum output current: up to 18A
- Synchronous rectification for high efficiency
- Internal compensation
- Programmable soft-start
- Power good output
- Overvoltage and overcurrent protection
- Adjustable frequency: 200kHz to 1MHz
- External synchronization capability
- Available in a 28-pin 5mm x 5mm QFN package

Application

- Automotive and industrial power systems
- High-power LED drivers
- Distributed power systems
- Telecom and networking equipment
- Battery-powered systems



Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



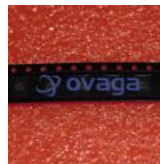
[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LTM8045EY#PBF](#)

Analog Devices, Inc
BGA40



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN