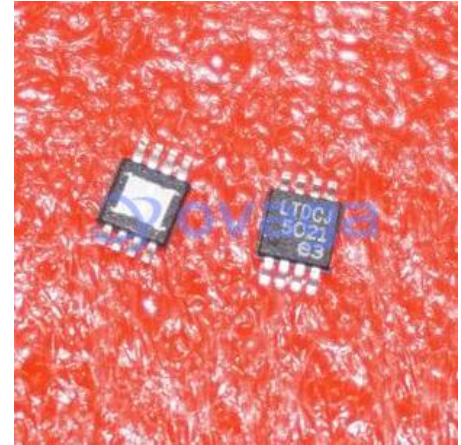


Conv DC-DC Single Inv/Step Up 2.5V to 32V Automotive 8-Pin MSOP EP

Manufacturers	Analog Devices, Inc
Package/Case	MSOP8
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT3580EMS8E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

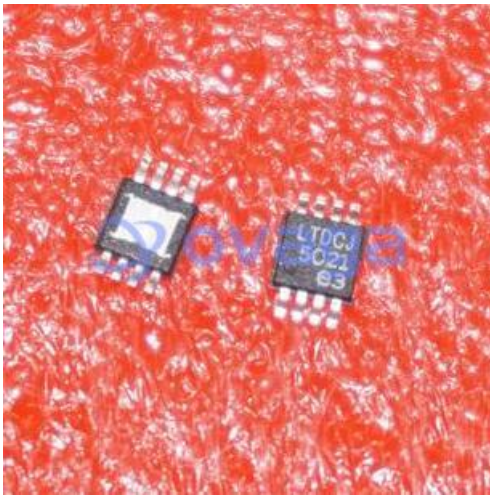
LT3580EMS8E is a DC/DC converter integrated circuit (IC) manufactured by Analog Devices Inc. It is a high-efficiency, step-up DC/DC converter that can deliver up to 2A of output current from a wide input voltage range of 2.5V to 32V. The IC can operate at a fixed frequency of 2.1 MHz or can be synchronized to an external clock signal.

Features

- Wide input voltage range of 2.5V to 32V
- High output current capability of up to 2A
- Efficiency up to 92%
- Low shutdown current (<1uA)
- Fixed or adjustable output voltage
- Programmable soft-start
- Overtemperature protection
- Small 8-lead MSOP package

Application

- Portable devices
- Battery-powered systems
- Industrial control systems
- Automotive systems
- LED lighting
- Medical equipment



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764EQ](#)

Analog Devices, Inc
TO-263