

IC REG CTRLR BUCK PWM CM 16-SOIC

Manufacturers [Analog Devices, Inc](#)

Package/Case SOP-16

Product Type Integrated Circuits (ICs)

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for LTC1435ACS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

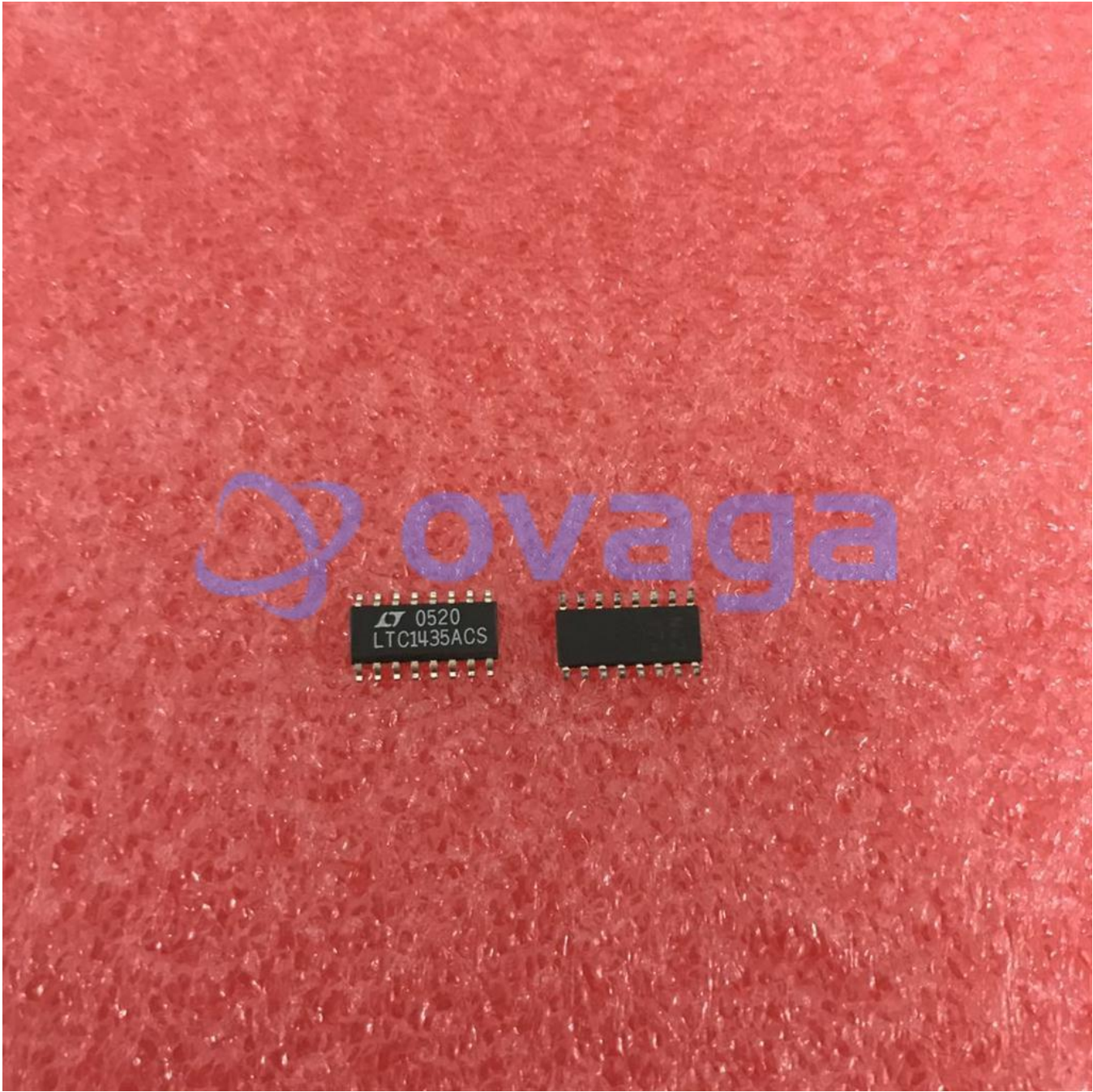
LTC1435ACS is a specific model number of a synchronous buck-boost DC/DC converter manufactured by Linear Technology (now part of Analog Devices).

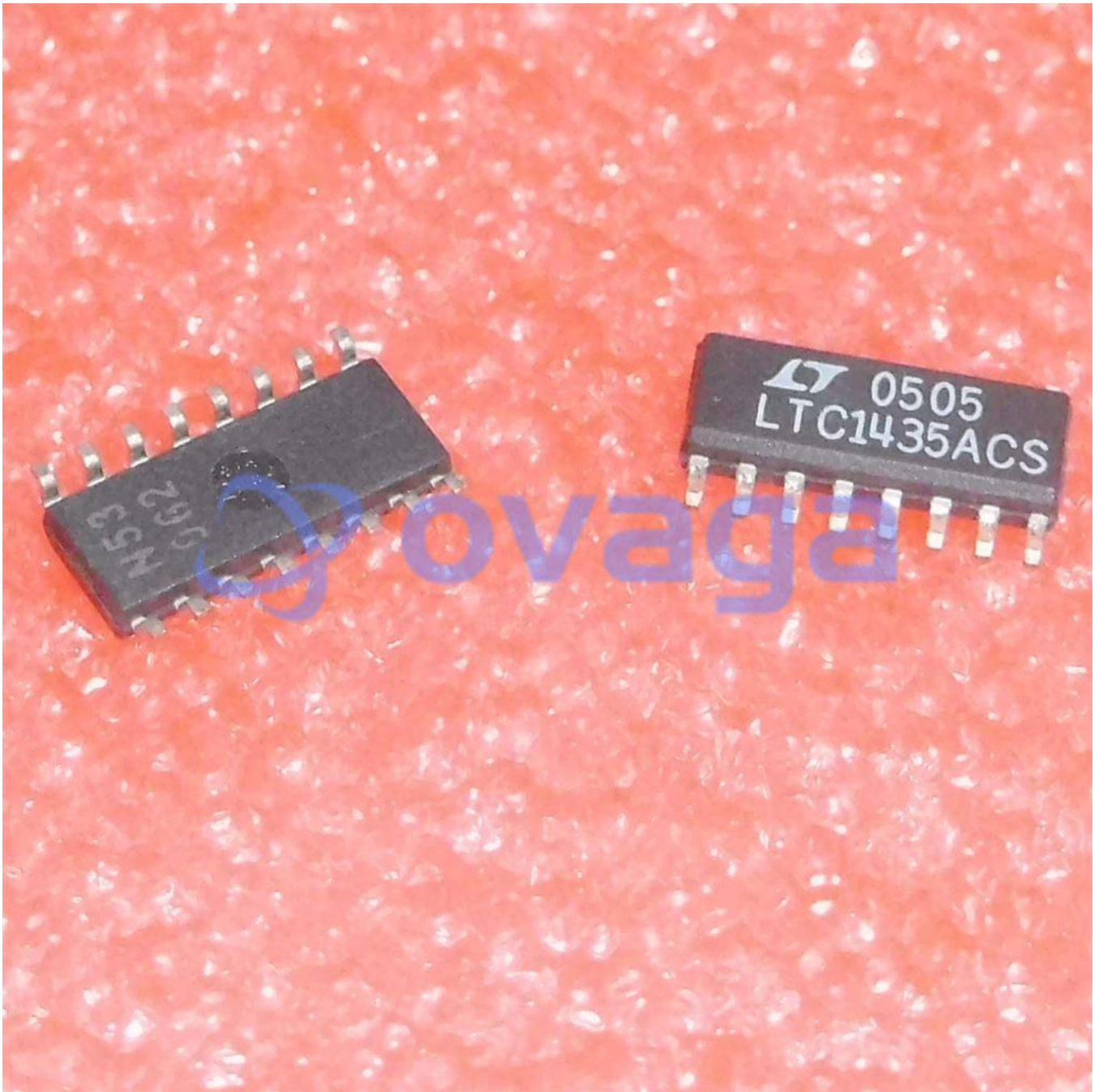
Features

- Wide input voltage range of 2.4V to 16V
- Output voltage can be set from 2.5V to 14V
- Can deliver up to 600mA output current
- High efficiency of up to 96%
- Internal synchronous rectifier for high efficiency
- Programmable switching frequency from 100kHz to 500kHz
- Soft-start and current limit functions
- Over-temperature and over-current protection

Application

- Battery-powered systems
- Portable devices
- Distributed power supplies
- Automotive systems
- Industrial controls





Related Products



[LTC3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LT1764EQ](#)

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TO-263