

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



Images are for reference only

Please submit RFQ for LT1613CS5TRPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1613CS5TRPBF is a specific part number for a DC/DC converter IC manufactured by Analog Devices Inc. It is a high efficiency, low voltage step-up converter that can operate from input voltages as low as 0.7V, making it suitable for use in battery-powered applications.

Features

- High efficiency: up to 94% efficiency
- Input voltage range: 0.7V to 15V
- Output voltage range: 1.2V to 15V
- Maximum output current: 600mA
- Adjustable frequency: 100kHz to 1.2MHz
- Soft-start function to limit inrush current
- Short-circuit protection and thermal shutdown

Application

- Portable devices such as smartphones, tablets, and wearable devices
- Battery-powered equipment such as wireless sensors and remote controls
- Automotive applications such as electronic control units and infotainment systems
- Power supplies for LED lighting and LCD displays



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



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TO-263