

CMOS VOLTAGE CONVERTERS

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-14
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ICL7662CBD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ICL7662CBD is an integrated circuit (IC) that belongs to the ICL7662 family, which is a series of monolithic, high-efficiency, low-power voltage converters. The ICL7662CBD is a charge pump voltage converter that is designed to convert a positive input voltage to a corresponding negative output voltage. It is commonly used in various electronic circuits where voltage conversion is required, and it comes in a 8-pin DIP (Dual Inline Package) or SOIC (Small Outline Integrated Circuit) package.

Features

- Wide input voltage range: +1.5V to +12.0V
- Wide output voltage range: -1.5V to -12.0V
- Low quiescent current: typically 20 μ A
- High efficiency: up to 99%
- Low output voltage ripple: typically 10 mV
- Built-in thermal shutdown protection
- Internal frequency compensation
- Can operate as a voltage doubler or inverter

Application

- Battery-powered applications where efficient voltage conversion is required
- Portable electronic devices
- Audio systems
- LCD displays
- Industrial and automotive applications
- Power management circuits
- Negative voltage generation for biasing or bias inversion in various electronic circuits



Related Products



[ICL7665AESA](#)

Analog Devices, Inc
SOIC-8



[ICL7129ACPL](#)

Analog Devices, Inc
PDIP-40



[ICL7662EBA](#)

Analog Devices, Inc
SOIC-8



[ICL7660CSA](#)

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SOIC-8



[ICL7662EBD](#)

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SOIC-14



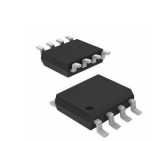
[ICL7662CBA](#)

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