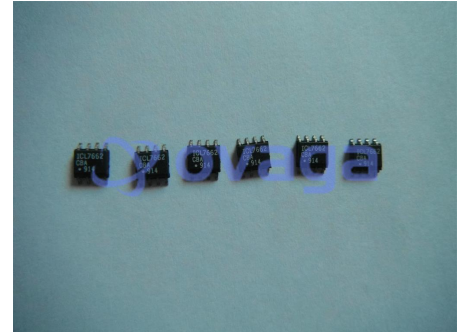


Voltage Regulators - Switching Regulators CMOS Voltage Converter

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-8
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ICL7662CBA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ICL7662CBA is a type of integrated circuit (IC) that belongs to the ICL7662 family of voltage converters. It is a monolithic CMOS voltage converter that can provide a regulated output voltage that is either higher or lower than the input voltage, depending on how it is configured. The ICL7662CBA is specifically a DIP (Dual Inline Package) package variant of the ICL7662 voltage converter.

Features

Wide operating voltage range: Typically 1.5V to 12V input voltage and output voltage can be adjusted up to $\pm 10V$.

Low quiescent current: Typically 120 μA , which makes it suitable for low-power applications.

High efficiency: Typically greater than 95% for most applications.

Low output ripple and noise: Typically 50 μV rms, which makes it suitable for sensitive applications.

Internal thermal shutdown and short circuit protection.

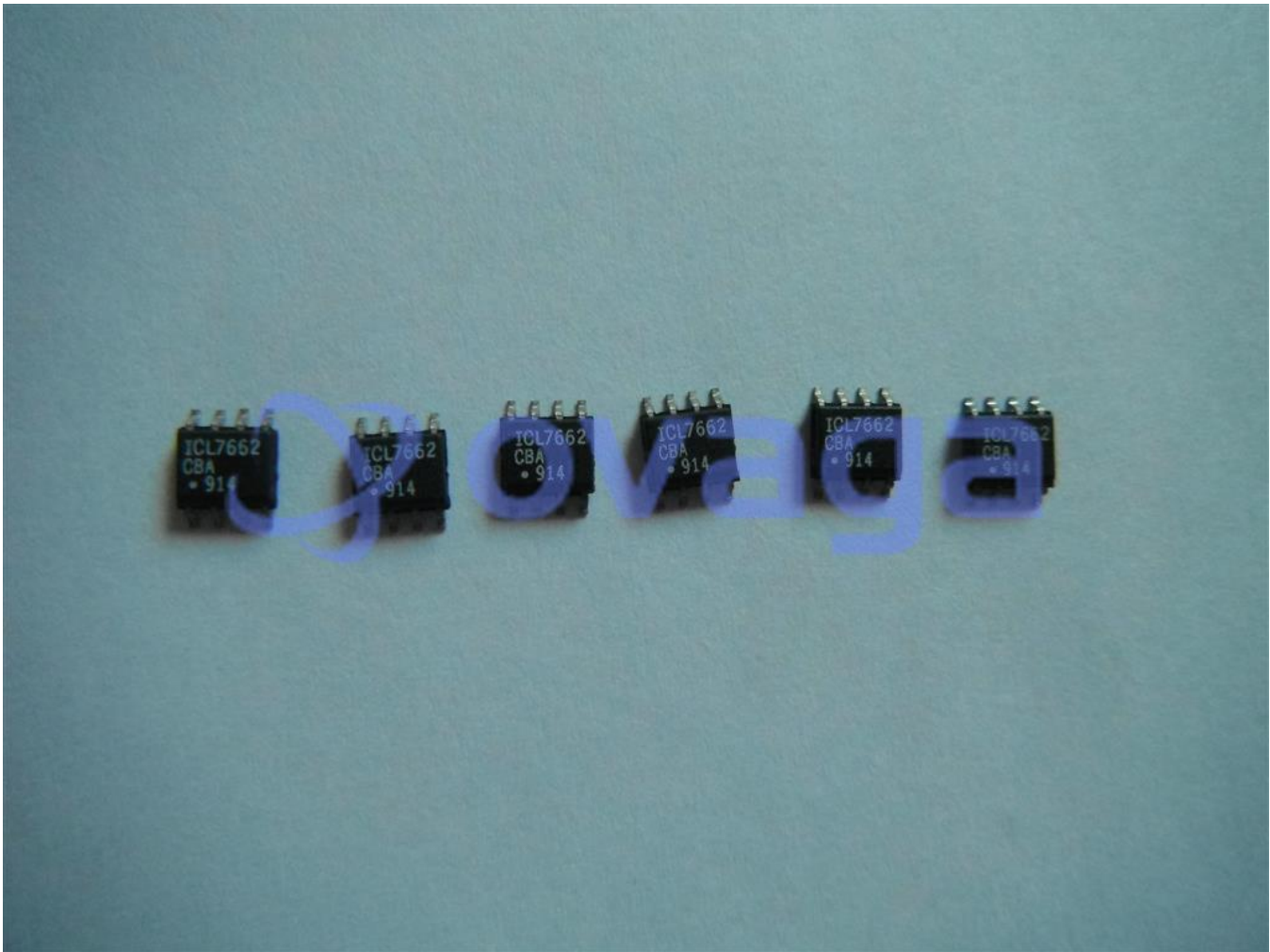
Application

Voltage level conversion: It can be used to step up or step down voltage levels in various applications where different voltage levels need to be interfaced.

Battery-powered systems: It can be used in portable electronic devices, such as battery-powered sensors, wearables, and handheld devices.

Industrial and automotive applications: It can be used in industrial and automotive systems where efficient voltage conversion is required.

Audio and communication systems: It can be used in audio and communication systems to generate stable supply voltages.



Related Products



[ICL7665AESA](#)

Analog Devices, Inc
SOIC-8



[ICL7129ACPL](#)

Analog Devices, Inc
PDIP-40



[ICL7662EBA](#)

Analog Devices, Inc
SOIC-8



[ICL7660CSA](#)

Analog Devices, Inc
SOIC-8



[ICL7662EBD](#)

Analog Devices, Inc
SOIC-14



[ICL7662CBD](#)

Analog Devices, Inc
SOIC-14



[ICL7660ESA+](#)

Analog Devices, Inc
SOIC-8



[ICL7660CUA](#)

Analog Devices, Inc
uSOP-8