

Charge Pump INV -1.5V to -15V 20mA Automotive 8-Pin SOIC N Tube

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	SOIC-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for TC7662BEOA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The TC7662B is a pin-compatible upgrade to the Industry standard TC7660 charge pump voltage converter. It converts a +1.5V to +15V input to a corresponding -1.5 to -15V output using only two low-cost capacitors, eliminating inductors and their associated cost, size and EMI. The on-board oscillator operates at a nominal frequency of 10kHz. Frequency is increased to 35kHz when pin 1 is connected to V+, allowing the use of smaller external capacitors. Operation below 10kHz (for lower supply current applications) is also possible by connecting an external capacitor from OSC to ground (with pin 1 open). The TC7662B is available in both 8-pin DIP and 8-pin small outline (SO) packages in commercial and extended temperature ranges.

## Features

Boost Pin (Pin 1) for Higher Switching Frequency

High Power Efficiency is 96%

Easy to Use – Requires Only 2 External Non-Critical Passive Components

Improved Direct Replacement for Industry Standard ICL7660 and Other Second Source Devices



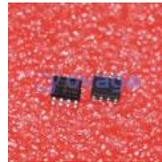


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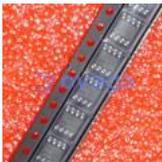
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