


Charge Pump INV -4.5V to -20V 8-Pin SOIC N T/R

Manufacturer:	<u>Maxim Integrated</u>
Package/Case:	SOP-8
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

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General Description

ICL7662EBA+T is an integrated circuit (IC) voltage converter that is commonly used to convert input voltages from one level to another. It is specifically designed to generate a negative voltage from a positive input voltage, and it can also be used as a voltage doubler or inverter. The "EBA" in the part number indicates the package type, which in this case is a small outline integrated circuit (SOIC) package. The "+T" at the end of the part number indicates that the IC is in tape and reel packaging for automated assembly.

Key Features

- Wide input voltage range: 1.5V to 12V
- Output voltage can be regulated or unregulated, depending on application
- Output voltage can be inverted or doubled
- Low quiescent current
- Internal thermal shutdown and current limiting protection
- High output current capability
- Low output voltage ripple

Application

- Negative voltage generation in systems that require a negative supply voltage, such as LCD displays, operational amplifiers, and other analog circuits
- Voltage doubling or inversion in applications such as charge pumps, voltage multipliers, and RS-232 level shifting
- Battery-powered systems that require efficient voltage conversion
- Portable devices, consumer electronics, and industrial applications where space and power efficiency are critical



Recommended For You

ICL7660CPA+

Maxim Integrated

DIP

ICL7662CPA+

Maxim Integrated

DIP-8

ICL7660ESA+T

Maxim Integrated

SOP8

ICL7662CBA+

Maxim Integrated

SOP8

ICL7662EPA+

Maxim Integrated

DIP8

ICL7662EBA+

Maxim Integrated

SOP-8

ICL7662CBD+

Maxim Integrated

SOP14

ICL7662CBA+T

Maxim Integrated

SOP8

ICL7660CSA+T

Maxim Integrated

SOP-8

ICL7660EPA+

Maxim Integrated

DIP

ICL7660ISA+

Maxim Integrated

SOP-8

ICL7660CUA+T

Maxim Integrated

USOP-8

MAX1636EAP

Maxim Integrated

SSOP20

MAX1758EAI+

Maxim Integrated

SSOP28

MAX1673ESA+

Maxim Integrated

SOP8