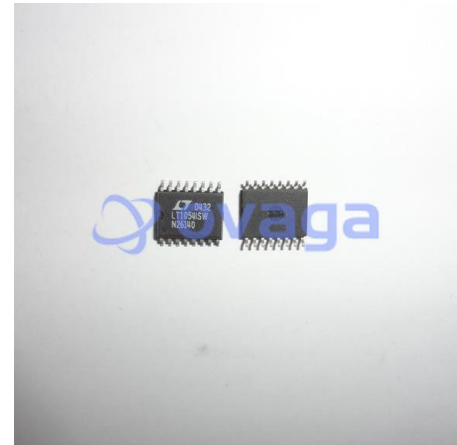


Switched-Capacitor Voltage Converter with Regulator

Manufacturers	Analog Devices, Inc
Package/Case	SOP-16
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1054ISW or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1054ISW is a voltage converter IC (integrated circuit) manufactured by Linear Technology (now part of Analog Devices). It is a monolithic bipolar integrated circuit that can be used to generate a negative voltage from a positive input voltage or to double the input voltage.

Features

Input voltage range: 3V to 30V

Output voltage range: -1.5V to -30V (inverter mode)
or 2V to 60V (doubling mode)

Maximum output current: 100 mA

Low quiescent current: 2.5 mA

Internal oscillator frequency: 50 kHz

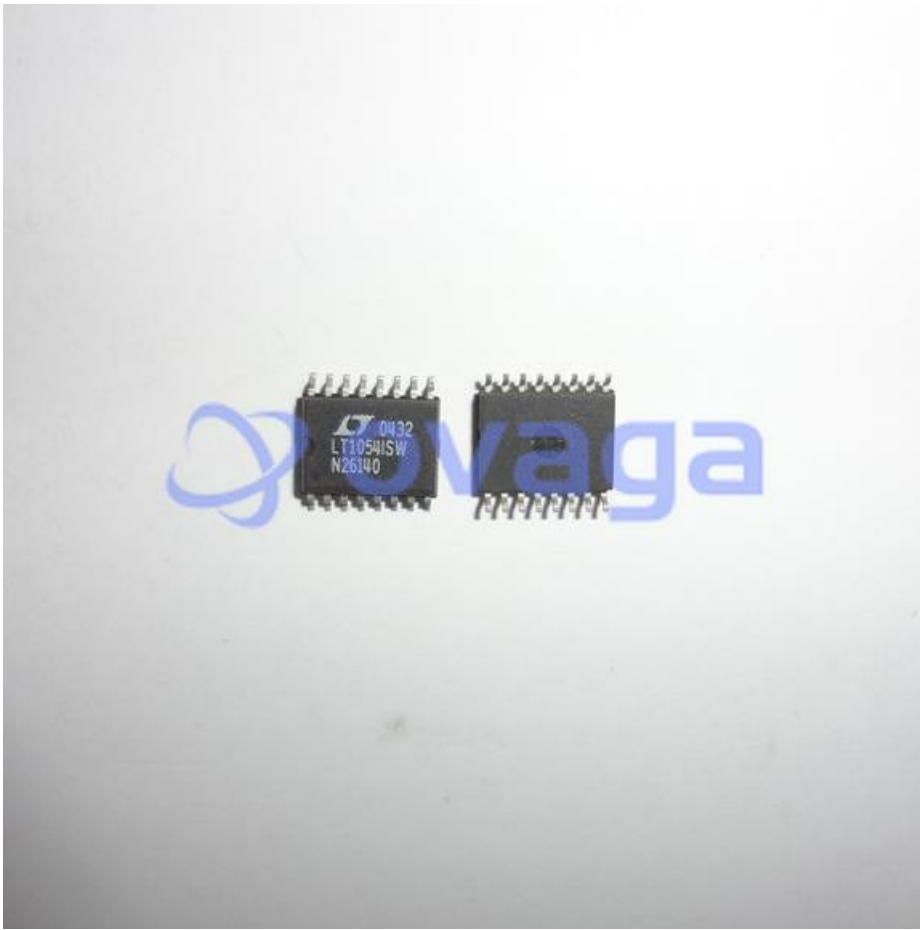
Application

Generating a negative voltage for analog circuits that require it, such as operational amplifiers or ADCs (analog-to-digital converters)

Doubling the voltage for LCD (liquid crystal display) bias circuits or other applications that require a higher voltage than the input voltage

Generating a regulated negative voltage from a positive input voltage for low-power applications

Voltage inverters in battery-operated applications



Related Products



[LTC1966CMS8](#)

Analog Devices, Inc
MSOP-8



[LTC2600IGN](#)

Analog Devices, Inc
SSOP-16



[LTC2208CUP](#)

Analog Devices, Inc
QFN64



[LT1931ES5](#)

Analog Devices, Inc
SOT-23



[LTC1606IG](#)

Analog Devices, Inc
SSOP-28



[LTC1446CS8](#)

Analog Devices, Inc
SOP-8



[LT3463EDD](#)

Analog Devices, Inc
QFN10



[LTC4006EGN-2](#)

Analog Devices, Inc
SSOP16