

Advanced Low Power 5v Rs232 Dual Driver / receiver

Manufacturers	Analog Devices, Inc
Package/Case	SOP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1081ISW or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1081ISW is a voltage converter IC manufactured by Linear Technology Corporation (now part of Analog Devices Inc.).

Features

The LT1081ISW is a versatile DC-DC converter that can operate in several different modes, including step-up (boost), step-down (buck), and inverting modes.

It has a wide input voltage range from 2.5V to 30V and can generate an output voltage as high as 40V.

The LT1081ISW also features a low dropout voltage of 1V at 1A load current, which makes it suitable for use in battery-powered applications.

It has a built-in soft-start function, which allows for gradual voltage ramp-up to reduce inrush current during start-up.

It also has a shutdown pin that allows for easy on/off control of the device.

Application

The LT1081ISW is commonly used in power supply applications, such as battery-powered devices, portable electronics, and automotive electronics.

It can also be used in voltage regulation, voltage inversion, and voltage multiplication circuits.



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
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[LT5560EDD](#)

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