

Low Power 5V RS232 Dual Driver / Receiver with 0.1 $\mu$ F Capacitors

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1181ACSW or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LT1181ACSW is a high-speed, low-power, 5V powered RS232 driver/receiver integrated circuit (IC) manufactured by Linear Technology (now part of Analog Devices). It is designed to transmit and receive data at high speeds over long distances using the RS232 protocol.

## Features

- It operates over a wide range of supply voltages (3V to 6V).
- It has a high-speed data rate of up to 120kbps.
- It has a low-power shutdown mode that reduces power consumption to less than 1 $\mu$ A.
- It has a built-in charge pump that generates the necessary voltage levels for RS232 communication.

## Application

- Serial communication over long distances in industrial automation, data communication, and instrumentation systems.
- Interface with microcontrollers, personal computers, and other devices that use the RS232 protocol.
- Medical and scientific instruments, where reliable long-range communication is necessary.



## Related Products



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TO-263



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