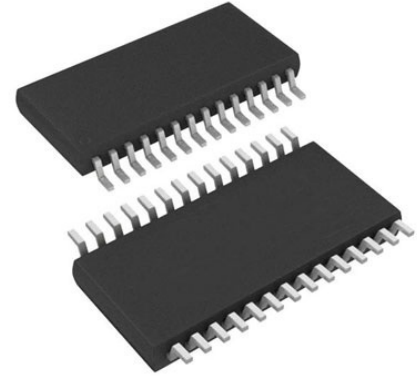


Ultralow Power +3.3 V, RS-232 Notebook PC Serial Port Drivers/Receivers

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	28 ld TSSOP
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADM561JRSZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ADM560 and ADM561 consume only 5 mW making them ideally suited for battery and other power-sensitive applications. A shutdown facility is also provided which reduces the power to 0.66  $\mu$ W.

The ADM560 contains active low shutdown and active high receiver enable signals. In shutdown mode, two receivers remain active thereby allowing monitoring of peripheral devices. This feature allows the device to be shut down until a peripheral device begins communication. The active receivers can alert the processor which can then take the ADM560 out of the shutdown mode.

The ADM561 features active high shutdown and an active low receiver enable. In this device all receivers are disabled in shutdown.

The ADM560/ADM561 is fabricated using CMOS technology for minimal power consumption. It features a high level of over-voltage protection and latch-up immunity. The receiver inputs can withstand up to  $\pm 25$  V levels. The transmitter inputs can be driven from either 3V or 5V logic levels. This allows operation in mixed 3 V/5 V power supply systems.

The ADM560/ADM561 is packaged in a 28-pin SO and a 28-pin SSOP package.

## Features

RS-232 Compatible

Operates with 3 V or 5 V Logic

Ultralow Power CMOS: 1.3 mA Operation

Low Power Shutdown: 0.2  $\mu$ A

Suitable for Serial Port Mice

116 kbits/s Data Rate

1  $\mu$ F Charge Pump Capacitors

Single +3 V to +3.6 V Power Supply

Two Receivers Active in Shutdown (ADM560)

## Application

Notebook computers

Peripherals

Modems

Printers

Battery-operated equipment

## Related Products



### [ADV7181CBSTZ](#)

Analog Devices, Inc  
LQFP-64



### [AD724JR](#)

Analog Devices, Inc  
SOIC-16



### [ADV7391WBCPZ](#)

Analog Devices, Inc  
LFSCP-3



### [ADV7341BSTZ](#)

Analog Devices, Inc  
LQFP-64



### [AD8170AR](#)

Analog Devices, Inc  
SOP8



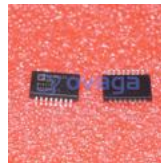
### [ADV7393BCPZ](#)

Analog Devices, Inc  
LFCSP-VQ-40



### [ADV7390BCPZ](#)

Analog Devices, Inc  
QFN32



### [ADUM4160BRIZ](#)

Analog Devices, Inc  
SOIC-16