

High-Speed, 2-Channel RS232/V.28 Interface Devices

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOIC-16
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADM3202ARNZ-REEL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ADM3202/ADM3222/ADM1385 are high speed, 2-channel RS232/V.28 interface devices which operate from a single +3.3 V power supply. Low power consumption and a shutdown facility (ADM3222/ADM1385) makes them ideal for battery powered portable instruments.

The ADM3202/ADM3222/ADM1385 conform to the EIA-232E and CCITT V.28 specifications and operate at data rates up to 230 kbps. Four external 0.1  $\mu$ F charge pump capacitors are used for the voltage doubler/inverter permitting operation from a single +3.3 V supply.

The ADM3222/ADM1385 contain additional enable and shutdown circuitry. The EN input may be used to three-state the receiver outputs. The SD input is used to power down the charge pump and transmitter outputs reducing the quiescent current to less than 1  $\mu$ A. The receivers remain enabled during shutdown unless disabled using EN.

The ADM3202 is available in a 16-lead DIP, narrow and wide SO as well as a space saving TSSOP package. The ADM3222 is available in 18 lead DIP, SO and in 20 lead SSOP and TSSOP. The ADM1385 is available in a 20 lead SSOP package and is pin compatible with the LTC1385 CG.

## Features

460 kbps Data Rate

Specified at 3.3 V

Meets EIA-232E Specifications

0.1  $\mu$ F Charge Pump Capacitors

Upgrade for MAX3222/32 and LTC1385

Low Power Shutdown (ADM3222E and ADM1385)

DIP, SO, SOIC, SSOP and TSSOP

Package Options

ESD Protection to IEC1000-4-2 (801.2) on RS-232 Pins (ADM3202 Only)  $\pm$ 8 kV; Contact Discharge  $\pm$ 15 kV;

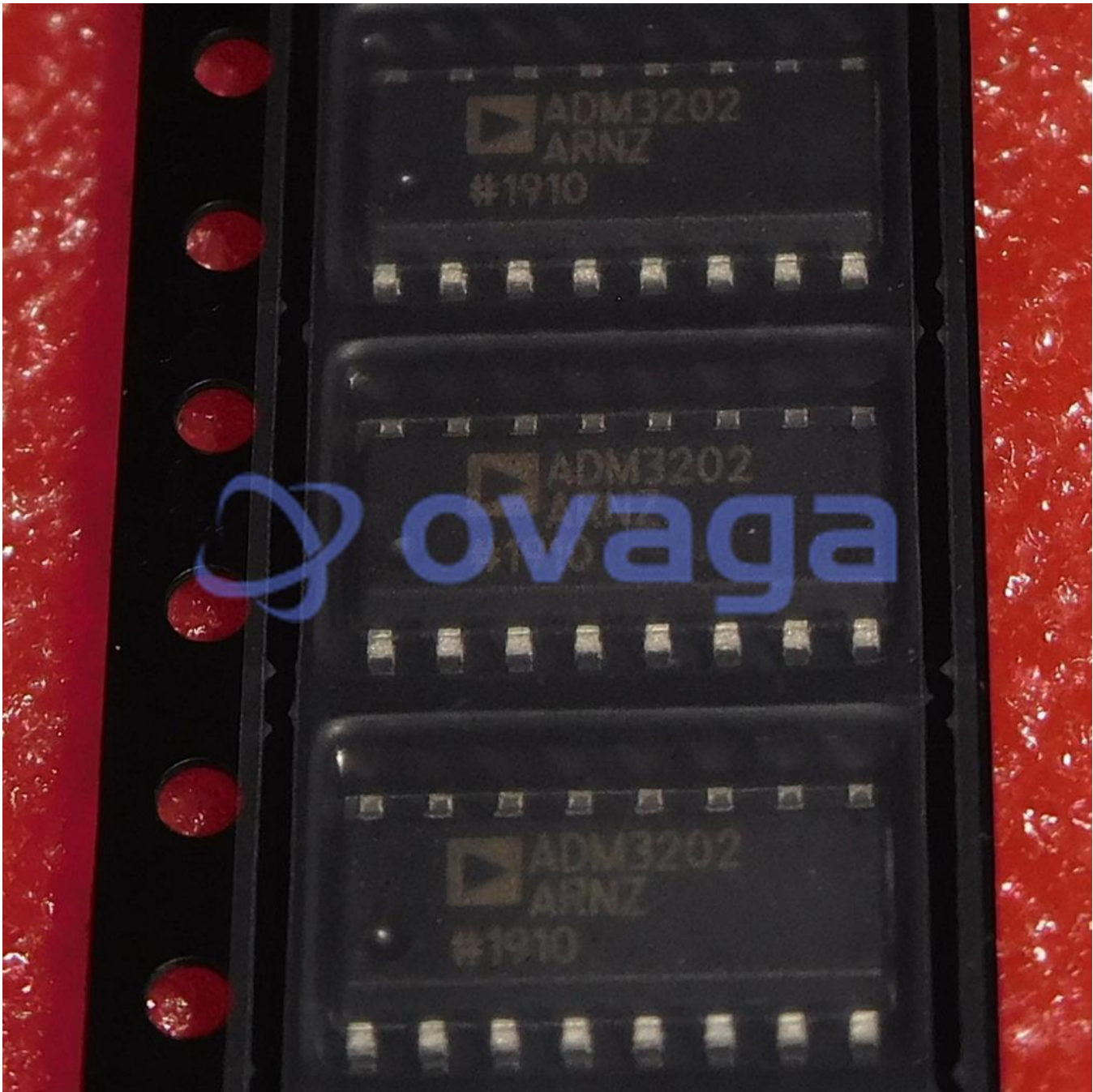
Air-Gap Discharge

## Application

General-purpose RS-232 data link

Portable instruments

Printers, palmtop computers, PDAs



### Related Products



#### [ADV7181CBSTZ](#)

Analog Devices, Inc  
LQFP-64



#### [AD8170AR](#)

Analog Devices, Inc  
SOP8



#### [AD724JR](#)

Analog Devices, Inc  
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#### [ADV7393BCPZ](#)

Analog Devices, Inc  
LFCSP-VQ-40



[ADV7391WBCPZ](#)

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LFSCP-3



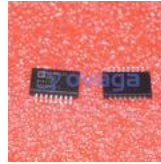
[ADV7390BCPZ](#)

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