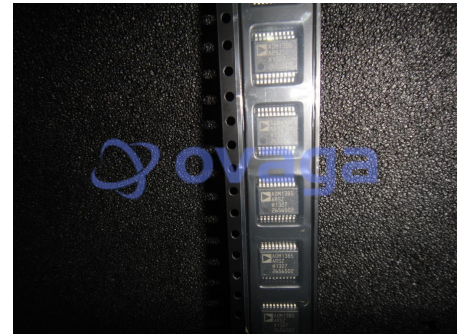


High-Speed, 2-Channel RS232/V.28 Interface Devices; Package: SSOP; No of Pins: 20;
Temperature Range: Industrial

Manufacturers	<u>Analog Devices, Inc</u>
Package/Case	SSOP-20
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADM1385ARSZ 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 μ 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 μ 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

Meets EIA-232E Specifications

0.1 μ F Charge Pump Capacitors

Low Power Shutdown (ADM3222E and ADM1385)

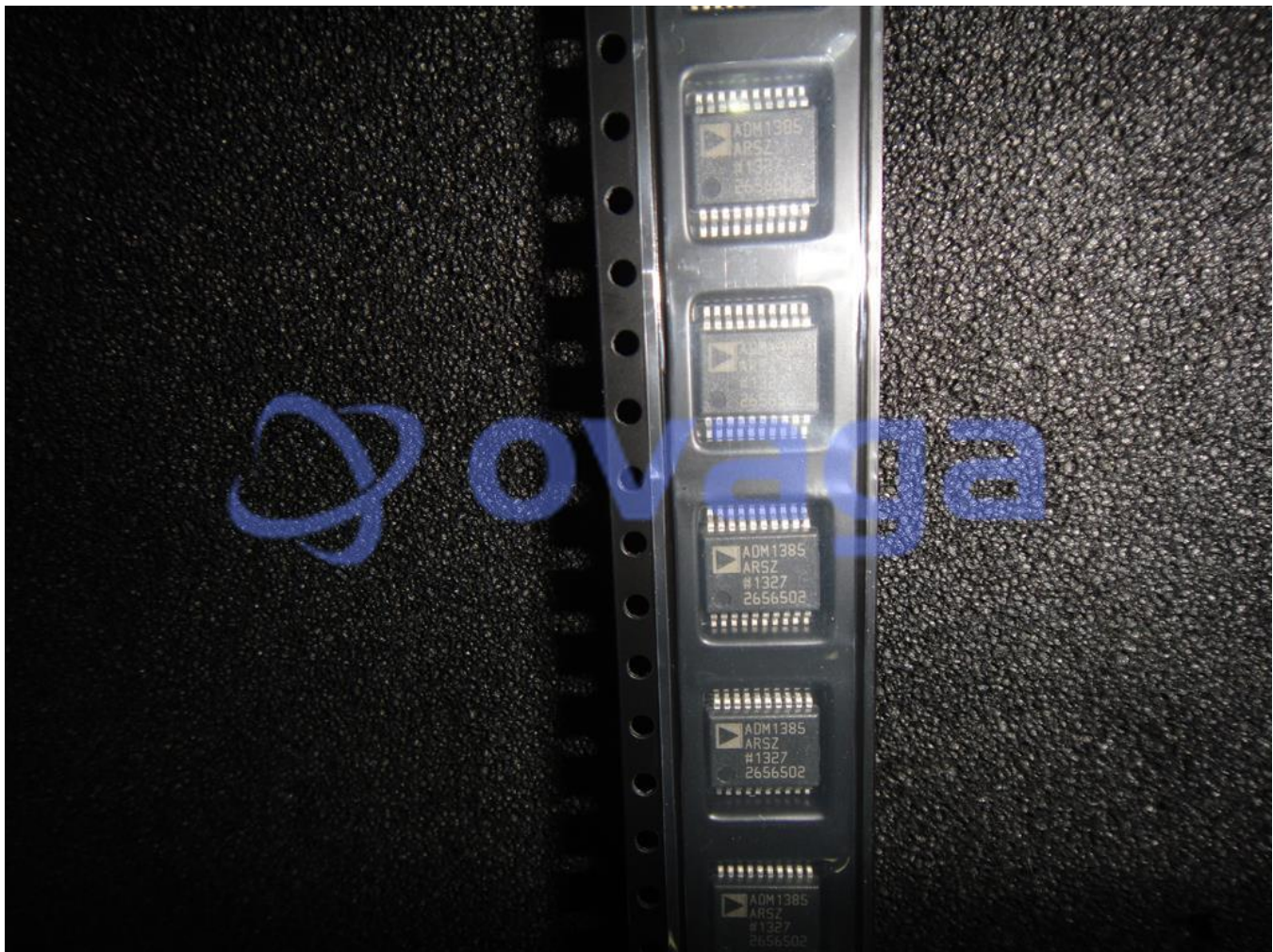
DIP, SO, SOIC, SSOP and TSSOP Package Options

460 kbps Data Rate

Specified at 3.3 V

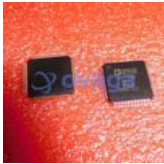
Upgrade for MAX3222/32 and LTC1385

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





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



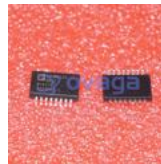
[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16