

EMI/EMC-Compliant, +/-15 kV, ESD-Protected RS-232 Line Drivers/Receivers

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP16
Product Type	Interface ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for ADM202EARNZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ADM202E and ADM1181A 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 +5 V supply.

The ADM202E provides a robust pin-compatible upgrade for existing ADM202, ADM232L or MAX202E/MAX232E sockets. It is available in a 16-pin DIP, wide and narrow SO and also a space saving TSSOP package. The TSSOP package gives a 44% space saving over SOIC.

The ADM1181A provides a robust pin compatible upgrade for the LTC1181A, and it is available in 16-pin DIP and 16-lead SO packages.

## Features

Complies with 89/336/EEC EMC Directive

ESD Protection to IEC1000-4-2 (801.2)

TSSOP Package Option

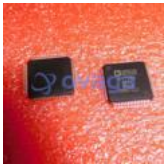
EFT Fast Transient Burst Immunity (IEC1000-4-4)

Low EMI Emissions (EN55022)

230 kbits/s Data Rate Guaranteed

Upgrade for MAX202E, 232E, LT1181A

## Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc  
LQFP-64



[AD8170AR](#)

Analog Devices, Inc  
SOP8



[AD724JR](#)

Analog Devices, Inc  
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc  
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc  
LFSCP-3



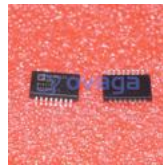
[ADV7390BCPZ](#)

Analog Devices, Inc  
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc  
LQFP-64



[ADUM4160BRIZ](#)

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SOIC-16