

RS-232 Interface IC 5V RS-232 TRANSCEIVER W/COMPLIANCE I.C. Receiver

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-28
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADM213EAR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

All devices fully conform to the EIA-232E and CCITT V.28 specifications and operate at data rates up to 230 kbps.

Shutdown and Enable control pins are provided on some of the products.

The shutdown function on the ADM211E disables the charge pump and all transmitters and receivers. On the ADM213E the charge pump, all transmitters, and three of the five receivers are disabled. The remaining 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 ADM213E out of the shutdown mode.

Operating from a single +5 V supply, four external 0.1 μ F capacitors are required.

The ADM206E is available in a 24-pin SO package. The ADM207E and ADM208E are available in 24-pin DIP, SO, SSOP and TSSOP packages. The ADM211E and ADM213E are available in 28-pin SO, SSOP and TSSOP packages.

All products are backward compatible with earlier ADM2xx products facilitating easy upgrading of older designs.

Features

Complies with 89/336/EEC EMC directive

ESD protection to IEC 1000-4-2 (801-2) Contact discharge: ± 8 kV Air-gap discharge: ± 15 kV Human body model: ± 15 kV

EFT/burst immunity (IEC 1000-4-4)

Low EMI emissions (EN 55022)

Eliminates need for TransZorb® suppressors

230 kbps data rate guaranteed

Single 5 V power supply

Shutdown mode $1 \mu\text{W}$

Plug-in upgrade for MAX2xxE

Space saving TSSOP package available

Application

Laptop computers

Notebook computers

Printers

Peripherals

Modems

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



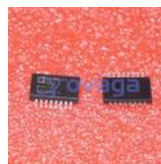
[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16