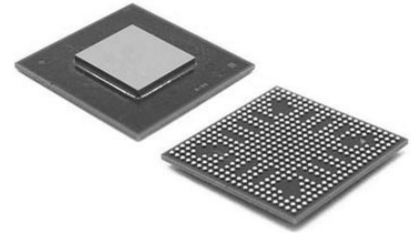


RS-232 Interface IC 3.3V 1 Driver 1 Receiver Transceiver 15kV

Manufacturers	Analog Devices, Inc
Package/Case	CSP-12
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADM3101EACPZ-REEL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADM3101E is a high speed, single-channel RS-232/ITU-T V.28 transceiver interface device that operates from a single 3.3 V power supply. Low power consumption makes it ideal for battery-powered portable instruments.

The ADM3101E conforms to the EIA/TIA-232E and ITU-T V.28 specifications and operates at data rates up to 460 kbps.

All RS-232 (TOUT and RIN) and CMOS (TIN and ROUT) inputs and outputs are protected against electrostatic discharges (up to ±15 kV ESD protection).

This device is ideally suited for operation in electrically harsh environments, or where RS-232 cables are frequently being plugged/unplugged with the ±15 kV ESD protection of the I/O pins of the ADM3101E.

Four external 0.1 μF charge pump capacitors are used for the voltage doubler/inverter, permitting operation from a single 3.3 V supply.

The ADM3101E is available in both a 12-lead LFCSP and 16-lead QSOP, specified over the -40°C to +85°C temperature range.

Applications

General-purpose RS-232 data links

Industrial/telecommunications diagnostics ports

Features

460 kbps data rate

1 Tx and 1 Rx

Meets EIA/TIA-232E specifications

0.1 μ F charge pump capacitors

Contact discharge: ± 8 kV

Air gap discharge: ± 15 kV

Application

General-purpose RS-232 data links

Industrial/telecommunications diagnostics ports

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