
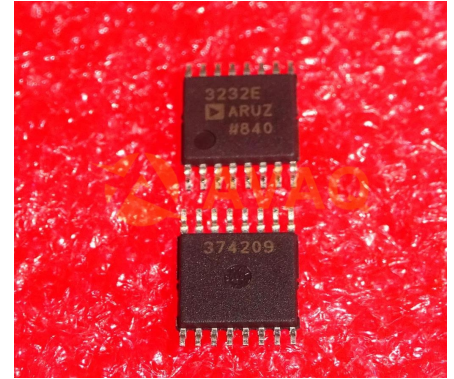


Dual Transmitter/Receiver RS-232 16-Pin TSSOP Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	TSSOP-16
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

All RS-232 (T_OUT and R_IN) and TTL/CMOS (T_IN and R_OUT) inputs and outputs are protected against electrostatic discharges (up to ± 15 kV ESD protection). This ensures compliance with IEC 1000-4-2 requirements.

This device is ideally suited for operation in electrically harsh environments or where RS-232 cables are frequently plugged/ unplugged, with the ± 15 kV ESD protection of the ADM3232E input/output pins.

Emissions are also controlled to within very strict limits. CMOS technology is used to keep the power dissipation to an absolute minimum, allowing maximum battery life in portable applications.

Four external $0.1 \mu\text{F}$ charge pump capacitors are used for the voltage doubler/inverter, permitting operation from a single 3.3 V supply.

The ADM3232E is available in a 16-lead narrow SOIC package, as well as a space-saving 16-lead TSSOP.

Applications

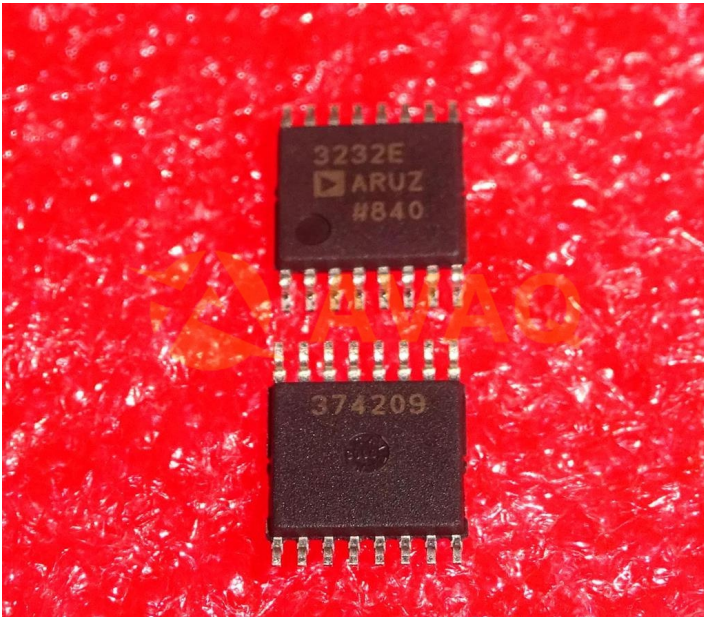
General-purpose RS-232 data link
 Portable instruments
 Handsets
 Industrial/telecom diagnostic ports

Key Features

Data rate: 460 kbps
 2 Tx and 2 Rx
 Meets EIA-232E specifications
 $0.1 \mu\text{F}$ charge pump capacitors
 ESD protection to IEC1000-4-2 (801.2) on TTL/CMOS and RS-232 I/Os
 Contact discharge: ± 8 kV
 Air gap discharge: ± 15 kV

Application

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Recommended For You

ADM3490EARZ

Analog Devices, Inc
SOP-8

ADuM3160BRWZ-RL

Analog Devices, Inc
SOP16

ADuM5211ARSZ

Analog Devices, Inc
SSOP20

ADuMI201BRZ-RL7

Analog Devices, Inc
SOP8

ADV7623BSTZ

Analog Devices, Inc
LQFP144

ADuMI410BRWZ

Analog Devices, Inc
SOP16

AD698APZ

Analog Devices, Inc
PLCC28

ADM3251EARWZ

Analog Devices, Inc
SOP20

ADM485ANZ

Analog Devices, Inc
DIP

ADuM6400ARWZ

Analog Devices, Inc
SOP16

ADuMI281BRZ

Analog Devices, Inc
SOP8

ADUMI42E0BRZ

Analog Devices, Inc
SOP-16

ADuMI412BRWZ

Analog Devices, Inc
SOP16

ADV7622BSTZ

Analog Devices, Inc
TQFP144

ADAUI328BSTZ

Analog Devices, Inc
QFP