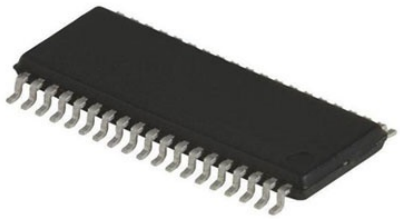
# ADM2209EARUZ

Data Sheet

Transceiver RS232, 6 Drivers, 10.8V-13.2V supply, TSSOP-38

| | |
|---|---|
| Manufacturers | Analog Devices, Inc |
| Package/Case | TSSOP-38 |
| Product Type | Interface ICs |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for ADM2209EARUZ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

## General Description

The ADM2209E is suitable for operation in harsh electricalenvironments and is compliant with the EU directive on EMC(89/336/EEC). Both the level of emissions and immunity are incompliance. EM immunity includes ESD protection in excess of±15 kV on all I-O lines (1000-4-2), Electrical Fast Transientprotection (1000-4-4) and Radiated Immunity (1000-4-3). EMemissions include radiated and conducted emissions as requiredby Information Technology Equipment EN55022, CISPR22.

The ADM2209E conforms to the EIA-232E and CCITT V.28specifications and operates at data rates up to 460 kbps.In standby mode, one receiver on each port (R5) remains activeto allow monitoring of peripheral devices while the rest of thesystem is in power-saving mode. This feature allows theADM2209E to wake up the system when a peripheral devicebegins communication.

The ADM2209E is available in a 38-lead TSSOP package.

## Features

Two Complete Serial Ports, Six Drivers and Ten Receivers

Operates with 3 V or 5 V Logic

Low Power CMOS: <5 mA Operation

Low Standby Current: 100 mA

460 kbit/s Data Rate Guaranteed Laplink®-Compatible

0.1 mF Charge Pump Capacitors

Single +12 V Power Supply

One Receiver on Each Port Active in Standby

Complies with 89/336/EEC EMC Directive

ESD Protection to IEC1000-4-2 (801.2)

See datasheet for additional features

### 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