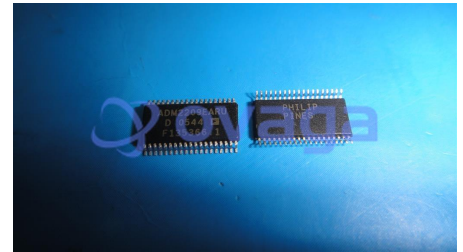


EMI-/EMC-Compliant -15 kV ESD Protected, Dual RS-232 Port with Stand... Transceiver

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



Images are for reference only

Please submit RFQ for ADM2209EARU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

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

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

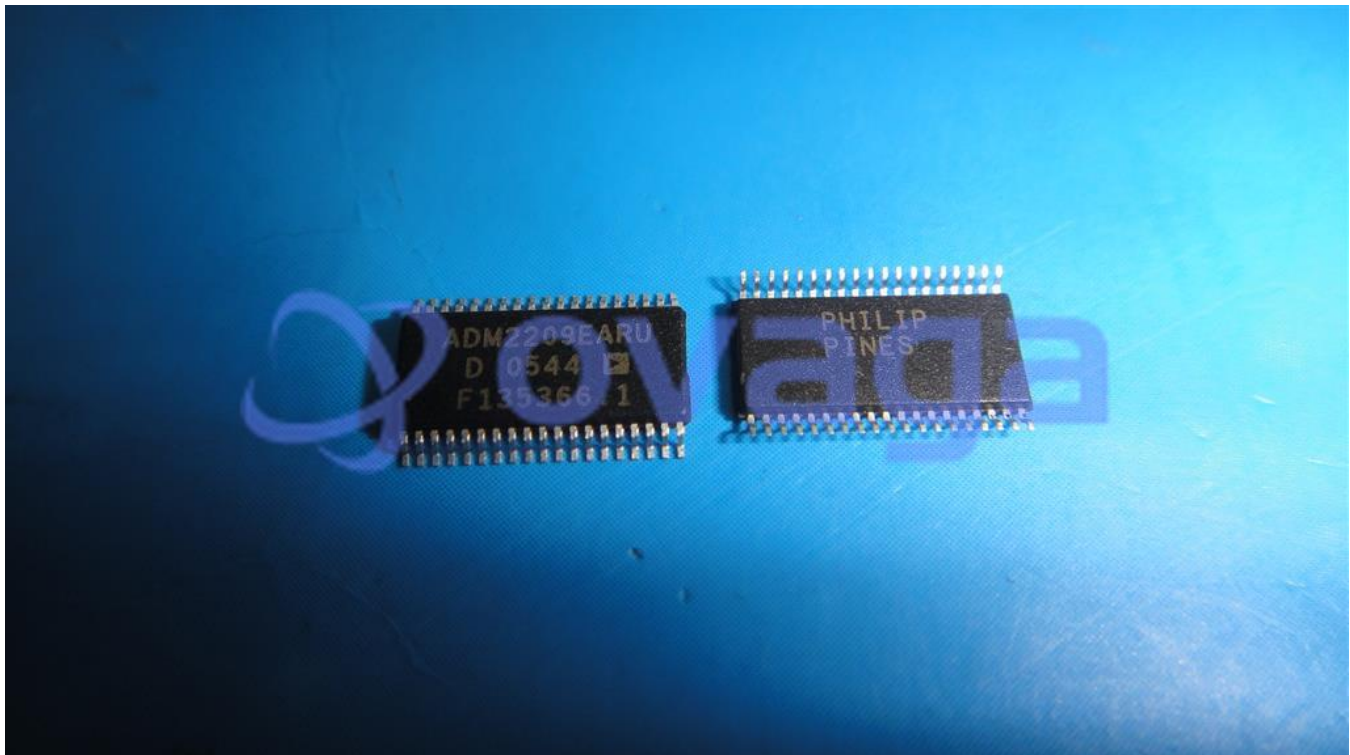
Single +12 V Power Supply

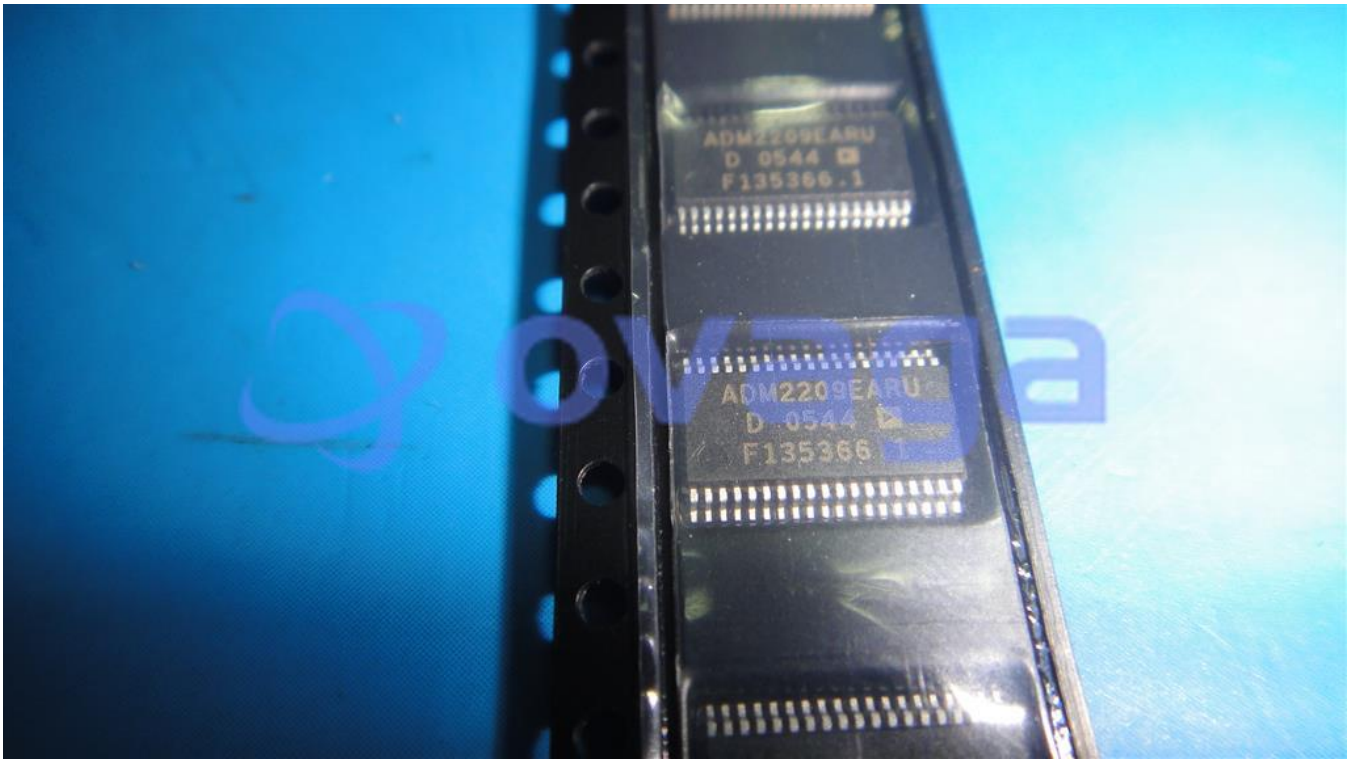
One Receiver on Each Port Active in Standby

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



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16