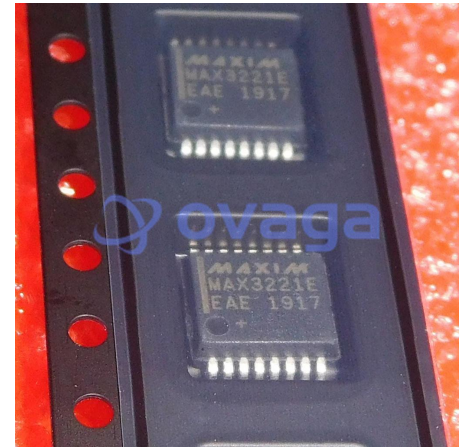


±15kV ESD-Protected, 1µA, 3.0V to 5.5V, 250kbps, RS-232 Transceivers with AutoShutdown, RS-232 Interface IC IC TXRX RS232 120KBPS SD

Manufacturers	Analog Devices, Inc
Package/Case	SSOP16
Product Type	Interface ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MAX3221EEAE+ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAX3221EEAE+ is a type of integrated circuit (IC) that belongs to the MAX3221 family of RS-232 transceivers. It is designed to interface between microcontrollers or other digital systems with UART (Universal Asynchronous Receiver/Transmitter) interfaces and RS-232 serial communication lines. The MAX3221EEAE+ is a 20-pin SSOP (Shrink Small Outline Package) IC.

Features

Operates with a single power supply voltage ranging from 3.0V to 5.5V.

Provides RS-232 voltage level shifting, allowing for bidirectional communication between TTL/CMOS level UART signals and RS-232 levels.

Supports data rates up to 1 Mbps (megabits per second).

Includes integrated ESD (electrostatic discharge) protection on the RS-232 inputs and outputs, helping to safeguard against damage from static electricity.

Features a shutdown mode that reduces power consumption when the RS-232 interface is not in use.

Includes an auto-powerdown feature that further minimizes power consumption when the receiver is inactive.

Application

Serial communication interfaces between microcontrollers or other digital systems and RS-232 devices, such as modems, serial printers, and industrial equipment.

Serial communication in embedded systems, consumer electronics, and industrial automation applications.

Industrial control systems, point-of-sale terminals, and medical equipment.

Battery-powered devices, portable equipment, and other low-power applications that require RS-232 communication.



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Related Products



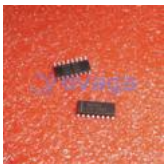
[MAX3232EEUE](#)

Analog Devices, Inc
TSSOP-16



[MAX4544EUT+T](#)

Analog Devices, Inc
SOT-23-6



[MAX202CSE](#)

Analog Devices, Inc
SOP-16



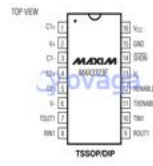
[MAX485ECPA](#)

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TSSOP-16



[MAX490MJA](#)

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