

Single Transmitter/Receiver RS-422/RS-485

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX3471EUA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAX3471EUA is a communication IC (integrated circuit) designed by Maxim Integrated. It is a low-power, half-duplex RS-485/RS-422 transceiver, which is used for transmitting and receiving data over a differential bus in industrial automation and control systems, point-of-sale equipment, and other applications.

Features

Low power consumption: The IC operates with a supply voltage range of 3.0V to 5.5V and consumes very low current (less than 1mA) in shutdown mode.

High data rate: It supports a maximum data rate of 32Mbps.

Robust communication: The device is designed to operate in harsh environments and can tolerate common-mode voltages up to $\pm 12V$.

Built-in protection features: The IC includes protection against ESD (electrostatic discharge) and short-circuit conditions.

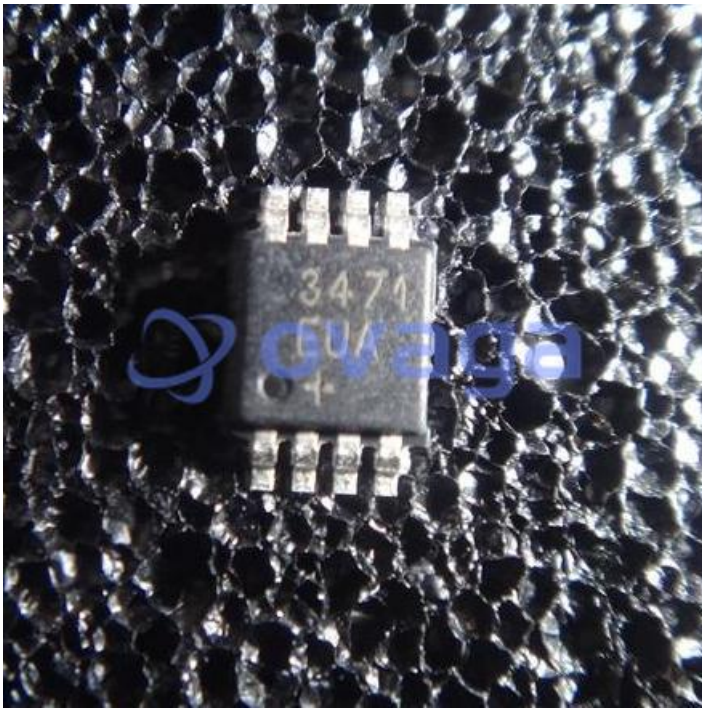
Application

Industrial automation and control systems: It is commonly used in factory automation equipment, motor control, and process control systems.

Point-of-sale equipment: It is used in credit card terminals, cash registers, and other payment processing systems.

Building automation: It is used in HVAC (heating, ventilation, and air conditioning) systems, security systems, and lighting control systems.

Automotive: It is used in automotive diagnostic equipment and in-vehicle networking.



Related Products



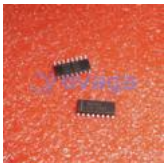
[MAX3232EEUE](#)

Analog Devices, Inc
TSSOP-16



[MAX4544EUT+T](#)

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SOT-23-6



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