

Differential Line Transceiver RS485/RS422, 2 Mbps, Low Power, CMOS, 4.75V-5.25V supply, SOIC-8

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



Images are for reference only

Please submit RFQ for MAX485CSA+ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAX485CSA+ is a type of integrated circuit (IC) that belongs to the MAX485 family, which are low-power RS-485/RS-422 transceivers. RS-485 and RS-422 are communication standards used for serial communication in industrial and networking applications. MAX485CSA+ is manufactured by Maxim Integrated, a well-known semiconductor company.

Features

Low power consumption: MAX485CSA+ operates at low supply voltage levels ranging from 4.75V to 5.25V, making it suitable for low-power applications.

RS-485/RS-422 compatibility: MAX485CSA+ is designed to be compatible with both RS-485 and RS-422 communication standards, which are used for long-distance serial communication in industrial environments.

Half-duplex operation: MAX485CSA+ supports half-duplex communication, allowing data transmission and reception on a single communication line.

High data rate: MAX485CSA+ supports data rates up to 2.5 Mbps, making it suitable for high-speed communication applications.

Integrated protection features: MAX485CSA+ has integrated protection features such as short-circuit protection and thermal shutdown, which help protect the IC and the communication line from damage.

Application

Industrial automation: MAX485CSA+ is commonly used in industrial automation applications for communication between sensors, actuators, and control systems over long distances.

Networking: MAX485CSA+ can be used in networking applications where long-distance communication is required, such as in Ethernet networks or fieldbus systems.

Building automation: MAX485CSA+ can be used in building automation systems for communication between different building automation devices, such as HVAC systems, lighting controls, and access control systems.





Related Products



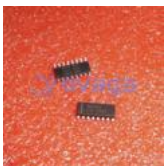
[MAX3232EEUE](#)

Analog Devices, Inc
TSSOP-16



[MAX4544EUT+T](#)

Analog Devices, Inc
SOT-23-6



[MAX202CSE](#)

Analog Devices, Inc
SOP-16



[MAX485ECA](#)

Analog Devices, Inc
DIP-8



[MAX3221EEUE](#)

Analog Devices, Inc
TSSOP-16



[MAX3232EEUE](#)

Analog Devices, Inc
TSSOP-16

[MAX490MJA](#)



Analog Devices, Inc
CDIP-8

[MAX3232EUE](#)



Analog Devices, Inc
TSSOP-16