

20[®], 1/8-Unit-Load, Slew-Rate-Limited RS-485 Transceivers

Manufacturers	Analog Devices, Inc
Package/Case	SO-14
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX1482CSD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAX1482CSD is a transceiver IC (Integrated Circuit) designed for RS-485 and RS-422 communication interfaces. It allows bidirectional communication between two nodes over a differential pair of wires and supports data rates up to 500 kbps.

Features

- Wide operating voltage range: 4.75 V to 5.25 V
- Low power consumption: 1.25 mA in shutdown mode and 750 μ A in active mode
- Thermal shutdown and overvoltage protection
- 1/8-unit load allows up to 256 devices on the bus
- Half- and full-duplex operation modes

Application

- Industrial automation systems
- Building automation systems
- Process control systems
- Security systems
- Robotics
- HVAC (Heating, Ventilation, and Air Conditioning) systems

