

±15 kV ESD Protected, Slew Rate Limited, 5 V, RS-485 Transceiver; Package: SOIC; No of Pins: 8; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-8
Product Type	Interface ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for ADM483EARZ-REEL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADM483E has a low current shutdown mode in which it consumes only 0.1 μ A.

Because only one driver is enabled at any time, the output of a disabled or power-down driver is three-stated to avoid overloading the bus.

Drivers are short-circuit current-limited and are protected against excessive power dissipation by thermal shutdown circuitry that places their outputs into a high impedance state. The receiver input has a fail-safe feature that guarantees a logic high output if the input is open circuit.

The ADM483E is fully specified over the industrial temperature ranges and is available in 8-lead SOIC_N packages.

Applications

Low power RS-485 systems

Electrically harsh environments

EMI sensitive applications

DTE-DCE interface

Packet switching

Local area networks

Features

250 kbps data rate

Reduced slew rate for low EM interference

Single 5 V \pm 10% supply

Up to 32 nodes on the bus

Receiver open-circuit, fail-safe design

Short-circuit protection

36 μ A supply current

0.1 μ A shutdown current

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Related Products



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SOIC-16



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