

RS422, RS485 Digital Isolator 2500Vrms 2 Channel 20Mbps 30kV/μs CMTI 32-BBGA

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	BGA-32
Product Type	Electromechanical
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTM2881MPY-3 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTM2881MPY-3 is a high-speed galvanically isolated data transceiver that operates with a single 3.3V or 5V supply. It is manufactured by Analog Devices Inc., a leading semiconductor company. The LTM2881MPY-3 provides a robust isolated interface between two circuits by using a magnetic isolation barrier, which eliminates the need for optocouplers and their associated drawbacks such as limited data rates, temperature drift, and degradation over time.

## Features

- 2500V RMS isolation voltage rating
- 1Mbps data rate
- ±60V input voltage range
- ±10mA output current drive
- Low quiescent current consumption of 6.5mA
- Wide operating temperature range from -40°C to 125°C
- Compact size, measuring only 15mm × 11.25mm × 4.92mm

## Application

- Industrial automation and control systems
- Medical equipment
- Isolated power supplies
- Battery monitoring systems
- Motor control systems
- Instrumentation and measurement systems



**Related Products**



[LTM2881HY-3](#)

Analog Devices, Inc  
BGA-32



[LTM2881HY-5](#)

Analog Devices, Inc  
32-LeadBGA



[LTM2881IY-3](#)

Analog Devices, Inc  
32-BBGA



[LTM2881IY-5](#)

Analog Devices, Inc  
32-BGA



[LTM2882CY-5](#)

Analog Devices, Inc  
BGA



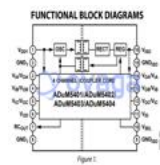
[ADM2482EBRWZ](#)

Analog Devices, Inc  
SOIC-16



[ADUM4223BRWZ](#)

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[ADUM5403ARWZ](#)

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