

# Global RS485 Transceiver Supply, Demand and Key Producers, 2023-2029

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# Abstracts

The global RS485 Transceiver market size is expected to reach \$ 181.2 million by 2029, rising at a market growth of 1.1% CAGR during the forecast period (2023-2029).

Global key players of RS485 transceiver include Texas Instruments, Renesas Electronics Corporation, Analog Devices, AMAZING Microelectronic, MaxLinear, etc. The top three players hold a share over 60%.

China is the largest producer, has a share about 29%.

In terms of product type, Half-Duplex is the largest segment, occupied for a share of 58%, and in terms of application, factory automation and control has a share about 45 percent.

RS485 transceiver ICs, also known as RS485 interface ICs, are integrated circuits designed to facilitate communication using the RS485 protocol. RS485 is a widely used standard for serial communication in industrial applications because of its robustness and balanced differential signals.

RS485 transceiver ICs provide the necessary interface between the microcontroller or host system and the RS485 network. They convert the logic level signals of the microcontroller into the appropriate voltage levels required for RS485 communication. Additionally, these ICs handle tasks such as transmitting and receiving data, managing bus arbitration, and providing protection features.

This report studies the global RS485 Transceiver production, demand, key manufacturers, and key regions.



This report is a detailed and comprehensive analysis of the world market for RS485 Transceiver, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of RS485 Transceiver that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global RS485 Transceiver total production and demand, 2018-2029, (K Units)

Global RS485 Transceiver total production value, 2018-2029, (USD Million)

Global RS485 Transceiver production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global RS485 Transceiver consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: RS485 Transceiver domestic production, consumption, key domestic manufacturers and share

Global RS485 Transceiver production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global RS485 Transceiver production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global RS485 Transceiver production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global RS485 Transceiver market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Texas Instruments, Renesas Electronics Corporation, Analog Devices, AMAZING Microelectronic, MaxLinear, Skyworks Solutions, STMicroelectronics, Union Semiconductor and HANSCHIP Semiconductor Co, etc.



This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World RS485 Transceiver market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global RS485 Transceiver Market, By Region:

United States
China
Europe
Japan
South Korea
ASEAN
India
Rest of World

#### Global RS485 Transceiver Market, Segmentation by Type

Half-Duplex RS485 Transceiver

Full-Duplex RS485 Transceiver



#### Global RS485 Transceiver Market, Segmentation by Application

Factory Automation and Control

Solar Inverter

Motor Drives

Protection Relay

Others

#### **Companies Profiled:**

**Texas Instruments** 

**Renesas Electronics Corporation** 

Analog Devices

AMAZING Microelectronic

MaxLinear

**Skyworks Solutions** 

**STMicroelectronics** 

Union Semiconductor

HANSCHIP Semiconductor Co

WuHan AnalogTek TECHNOLOGY

2PAI Semiconductor (Shanghai) Co

Key Questions Answered



- 1. How big is the global RS485 Transceiver market?
- 2. What is the demand of the global RS485 Transceiver market?
- 3. What is the year over year growth of the global RS485 Transceiver market?

4. What is the production and production value of the global RS485 Transceiver market?

5. Who are the key producers in the global RS485 Transceiver market?



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