

# Global SerDes for Automotive Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global SerDes for Automotive market size is expected to reach \$ 295.7 million by 2029, rising at a market growth of 8.2% CAGR during the forecast period (2023-2029).

Global key players of SerDes for automotive include Texas Instruments, Maxim Integrated, NXP, etc. The top three players hold a share about 53%. North America is the largest producer, has a share about 40%, followed by Europe and Japan, both have a share about 17 percent. The largest market is Asia-Pacific, with a share about 40%, followed by North America and Europe, with share 35% and 19%, separately.

A SerDes (Serializer/ Desrializer) is a device used to transmit and receive data over the serial link. The SerDes can be either a stand-alone device or, in most cases, an IP core integrated into a serial bus controller or an ASIC. In essence, a SerDes is a serial transceiver which converts parallel data into a serial data stream on the transmitter side and converts the serial data back to parallel on the receiver side. SerDes technology is enabling transformation across the electronics industry, from datacenter communication throughput to low-power automotive applications.

This report studies the global SerDes for Automotive production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SerDes for Automotive, 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 SerDes for Automotive that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global SerDes for Automotive total production and demand, 2018-2029, (M Units)

Global SerDes for Automotive total production value, 2018-2029, (USD Million)

Global SerDes for Automotive production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global SerDes for Automotive consumption by region & country, CAGR, 2018-2029 & (M Units)

U.S. VS China: SerDes for Automotive domestic production, consumption, key domestic manufacturers and share

Global SerDes for Automotive production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Units)

Global SerDes for Automotive production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global SerDes for Automotive production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Units).

This reports profiles key players in the global SerDes for Automotive 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, Maxim Integrated, NXP, ON Semiconductor, ROHM Semiconductor, Inova Semiconductors, Broadcom, STMicroelectronics and THine Electronics, 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 SerDes for Automotive market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Units) and average price (US\$/K Units) 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 SerDes for Automotive Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SerDes for Automotive Market, Segmentation by Type

16 Bit and Less

16 to 32 Bit

Above 32 Bit

Global SerDes for Automotive Market, Segmentation by Application

Passenger Cars

Commercial Vehicle

## Companies Profiled:

Texas Instruments

Maxim Integrated

NXP

ON Semiconductor

ROHM Semiconductor

Inova Semiconductors

Broadcom

STMicroelectronics

THine Electronics

Renesas (Intersil)

Infineon

Semtech

Microsemi (Vitesse)

## Key Questions Answered

1. How big is the global SerDes for Automotive market?
2. What is the demand of the global SerDes for Automotive market?
3. What is the year over year growth of the global SerDes for Automotive market?

4. What is the production and production value of the global SerDes for Automotive market?
5. Who are the key producers in the global SerDes for Automotive market?

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