

# Global SerDes Market Size, Manufacturers, Opportunities and Forecast to 2030

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## Abstracts

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.

According to APO Research, The global SerDes market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global SerDes main players are Texas Instruments, Maxim Integrated, ON Semiconductor, Avago (Broadcom), etc. Global top four manufacturers hold a share over 60%. North America is the largest market, with a share nearly 35%.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for SerDes, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding SerDes.

The SerDes market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global SerDes market comprehensively. Regional market sizes, concerning products by

Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Texas Instruments

Maxim Integrated

ON Semiconductor

NXP

STMicroelectronics

Avago (Broadcom)

ROHM Semiconductor

Cypress

Intersil (Renesas)

Semtech

Vitesse (Microsemi)

Faraday Technology

SerDes segment by Type

Stand-Alone SerDes

SerDes IP Core

SerDes segment by Application

Optical Fiber Communication

Consumer Electronics

Automotive

Datacenter and Cloud Computing

Others

SerDes Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

## UAE

### Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global SerDes market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of SerDes and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of SerDes.
7. This report helps stakeholders to identify some of the key players in the market and

understand their valuable contribution.

## Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of SerDes manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of SerDes in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global SerDes Market Size Estimates and Forecasts (2019-2030)
  - 1.2.2 Global SerDes Sales Estimates and Forecasts (2019-2030)
- 1.3 SerDes Market by Type
  - 1.3.1 Stand-Alone SerDes
  - 1.3.2 SerDes IP Core
- 1.4 Global SerDes Market Size by Type
  - 1.4.1 Global SerDes Market Size Overview by Type (2019-2030)
  - 1.4.2 Global SerDes Historic Market Size Review by Type (2019-2024)
  - 1.4.3 Global SerDes Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
  - 1.5.1 North America SerDes Sales Breakdown by Type (2019-2024)
  - 1.5.2 Europe SerDes Sales Breakdown by Type (2019-2024)
  - 1.5.3 Asia-Pacific SerDes Sales Breakdown by Type (2019-2024)
  - 1.5.4 Latin America SerDes Sales Breakdown by Type (2019-2024)
  - 1.5.5 Middle East and Africa SerDes Sales Breakdown by Type (2019-2024)

### 2 GLOBAL MARKET DYNAMICS

- 2.1 SerDes Industry Trends
- 2.2 SerDes Industry Drivers
- 2.3 SerDes Industry Opportunities and Challenges
- 2.4 SerDes Industry Restraints

### 3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by SerDes Revenue (2019-2024)
- 3.2 Global Top Players by SerDes Sales (2019-2024)
- 3.3 Global Top Players by SerDes Price (2019-2024)
- 3.4 Global SerDes Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global SerDes Key Company Manufacturing Sites & Headquarters
- 3.6 Global SerDes Company, Product Type & Application
- 3.7 Global SerDes Company Commercialization Time
- 3.8 Market Competitive Analysis

- 3.8.1 Global SerDes Market CR5 and HHI
- 3.8.2 Global Top 5 and 10 SerDes Players Market Share by Revenue in 2023
- 3.8.3 2023 SerDes Tier 1, Tier 2, and Tier

## **4 SERDES REGIONAL STATUS AND OUTLOOK**

- 4.1 Global SerDes Market Size and CAGR by Region: 2019 VS 2023 VS 2030
- 4.2 Global SerDes Historic Market Size by Region
  - 4.2.1 Global SerDes Sales in Volume by Region (2019-2024)
  - 4.2.2 Global SerDes Sales in Value by Region (2019-2024)
  - 4.2.3 Global SerDes Sales (Volume & Value), Price and Gross Margin (2019-2024)
- 4.3 Global SerDes Forecasted Market Size by Region
  - 4.3.1 Global SerDes Sales in Volume by Region (2025-2030)
  - 4.3.2 Global SerDes Sales in Value by Region (2025-2030)
  - 4.3.3 Global SerDes Sales (Volume & Value), Price and Gross Margin (2025-2030)

## **5 SERDES BY APPLICATION**

- 5.1 SerDes Market by Application
  - 5.1.1 Optical Fiber Communication
  - 5.1.2 Consumer Electronics
  - 5.1.3 Automotive
  - 5.1.4 Datacenter and Cloud Computing
  - 5.1.5 Others
- 5.2 Global SerDes Market Size by Application
  - 5.2.1 Global SerDes Market Size Overview by Application (2019-2030)
  - 5.2.2 Global SerDes Historic Market Size Review by Application (2019-2024)
  - 5.2.3 Global SerDes Forecasted Market Size by Application (2025-2030)
- 5.3 Key Regions Market Size by Application
  - 5.3.1 North America SerDes Sales Breakdown by Application (2019-2024)
  - 5.3.2 Europe SerDes Sales Breakdown by Application (2019-2024)
  - 5.3.3 Asia-Pacific SerDes Sales Breakdown by Application (2019-2024)
  - 5.3.4 Latin America SerDes Sales Breakdown by Application (2019-2024)
  - 5.3.5 Middle East and Africa SerDes Sales Breakdown by Application (2019-2024)

## **6 COMPANY PROFILES**

- 6.1 Texas Instruments
  - 6.1.1 Texas Instruments Company Information



- 6.1.2 Texas Instruments Business Overview
- 6.1.3 Texas Instruments SerDes Sales, Revenue and Gross Margin (2019-2024)
- 6.1.4 Texas Instruments SerDes Product Portfolio
- 6.1.5 Texas Instruments Recent Developments
- 6.2 Maxim Integrated
  - 6.2.1 Maxim Integrated Company Information
  - 6.2.2 Maxim Integrated Business Overview
  - 6.2.3 Maxim Integrated SerDes Sales, Revenue and Gross Margin (2019-2024)
  - 6.2.4 Maxim Integrated SerDes Product Portfolio
  - 6.2.5 Maxim Integrated Recent Developments
- 6.3 ON Semiconductor
  - 6.3.1 ON Semiconductor Company Information
  - 6.3.2 ON Semiconductor Business Overview
  - 6.3.3 ON Semiconductor SerDes Sales, Revenue and Gross Margin (2019-2024)
  - 6.3.4 ON Semiconductor SerDes Product Portfolio
  - 6.3.5 ON Semiconductor Recent Developments
- 6.4 NXP
  - 6.4.1 NXP Company Information
  - 6.4.2 NXP Business Overview
  - 6.4.3 NXP SerDes Sales, Revenue and Gross Margin (2019-2024)
  - 6.4.4 NXP SerDes Product Portfolio
  - 6.4.5 NXP Recent Developments
- 6.5 STMicroelectronics
  - 6.5.1 STMicroelectronics Company Information
  - 6.5.2 STMicroelectronics Business Overview
  - 6.5.3 STMicroelectronics SerDes Sales, Revenue and Gross Margin (2019-2024)
  - 6.5.4 STMicroelectronics SerDes Product Portfolio
  - 6.5.5 STMicroelectronics Recent Developments
- 6.6 Avago (Broadcom)
  - 6.6.1 Avago (Broadcom) Company Information
  - 6.6.2 Avago (Broadcom) Business Overview
  - 6.6.3 Avago (Broadcom) SerDes Sales, Revenue and Gross Margin (2019-2024)
  - 6.6.4 Avago (Broadcom) SerDes Product Portfolio
  - 6.6.5 Avago (Broadcom) Recent Developments
- 6.7 ROHM Semiconductor
  - 6.7.1 ROHM Semiconductor Company Information
  - 6.7.2 ROHM Semiconductor Business Overview
  - 6.7.3 ROHM Semiconductor SerDes Sales, Revenue and Gross Margin (2019-2024)
  - 6.7.4 ROHM Semiconductor SerDes Product Portfolio

#### 6.7.5 ROHM Semiconductor Recent Developments

### 6.8 Cypress

#### 6.8.1 Cypress Company Information

#### 6.8.2 Cypress Business Overview

#### 6.8.3 Cypress SerDes Sales, Revenue and Gross Margin (2019-2024)

#### 6.8.4 Cypress SerDes Product Portfolio

#### 6.8.5 Cypress Recent Developments

### 6.9 Intersil (Renesas)

#### 6.9.1 Intersil (Renesas) Company Information

#### 6.9.2 Intersil (Renesas) Business Overview

#### 6.9.3 Intersil (Renesas) SerDes Sales, Revenue and Gross Margin (2019-2024)

#### 6.9.4 Intersil (Renesas) SerDes Product Portfolio

#### 6.9.5 Intersil (Renesas) Recent Developments

### 6.10 Semtech

#### 6.10.1 Semtech Company Information

#### 6.10.2 Semtech Business Overview

#### 6.10.3 Semtech SerDes Sales, Revenue and Gross Margin (2019-2024)

#### 6.10.4 Semtech SerDes Product Portfolio

#### 6.10.5 Semtech Recent Developments

### 6.11 Vitesse (Microsemi)

#### 6.11.1 Vitesse (Microsemi) Company Information

#### 6.11.2 Vitesse (Microsemi) Business Overview

#### 6.11.3 Vitesse (Microsemi) SerDes Sales, Revenue and Gross Margin (2019-2024)

#### 6.11.4 Vitesse (Microsemi) SerDes Product Portfolio

#### 6.11.5 Vitesse (Microsemi) Recent Developments

### 6.12 Faraday Technology

#### 6.12.1 Faraday Technology Company Information

#### 6.12.2 Faraday Technology Business Overview

#### 6.12.3 Faraday Technology SerDes Sales, Revenue and Gross Margin (2019-2024)

#### 6.12.4 Faraday Technology SerDes Product Portfolio

#### 6.12.5 Faraday Technology Recent Developments

## 7 NORTH AMERICA BY COUNTRY

### 7.1 North America SerDes Sales by Country

#### 7.1.1 North America SerDes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

#### 7.1.2 North America SerDes Sales by Country (2019-2024)

#### 7.1.3 North America SerDes Sales Forecast by Country (2025-2030)

## 7.2 North America SerDes Market Size by Country

7.2.1 North America SerDes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2.2 North America SerDes Market Size by Country (2019-2024)

7.2.3 North America SerDes Market Size Forecast by Country (2025-2030)

## 8 EUROPE BY COUNTRY

### 8.1 Europe SerDes Sales by Country

8.1.1 Europe SerDes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe SerDes Sales by Country (2019-2024)

8.1.3 Europe SerDes Sales Forecast by Country (2025-2030)

### 8.2 Europe SerDes Market Size by Country

8.2.1 Europe SerDes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe SerDes Market Size by Country (2019-2024)

8.2.3 Europe SerDes Market Size Forecast by Country (2025-2030)

## 9 ASIA-PACIFIC BY COUNTRY

### 9.1 Asia-Pacific SerDes Sales by Country

9.1.1 Asia-Pacific SerDes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific SerDes Sales by Country (2019-2024)

9.1.3 Asia-Pacific SerDes Sales Forecast by Country (2025-2030)

### 9.2 Asia-Pacific SerDes Market Size by Country

9.2.1 Asia-Pacific SerDes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific SerDes Market Size by Country (2019-2024)

9.2.3 Asia-Pacific SerDes Market Size Forecast by Country (2025-2030)

## 10 LATIN AMERICA BY COUNTRY

### 10.1 Latin America SerDes Sales by Country

10.1.1 Latin America SerDes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America SerDes Sales by Country (2019-2024)

10.1.3 Latin America SerDes Sales Forecast by Country (2025-2030)

### 10.2 Latin America SerDes Market Size by Country

10.2.1 Latin America SerDes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America SerDes Market Size by Country (2019-2024)

10.2.3 Latin America SerDes Market Size Forecast by Country (2025-2030)

## **11 MIDDLE EAST AND AFRICA BY COUNTRY**

11.1 Middle East and Africa SerDes Sales by Country

11.1.1 Middle East and Africa SerDes Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa SerDes Sales by Country (2019-2024)

11.1.3 Middle East and Africa SerDes Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa SerDes Market Size by Country

11.2.1 Middle East and Africa SerDes Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa SerDes Market Size by Country (2019-2024)

11.2.3 Middle East and Africa SerDes Market Size Forecast by Country (2025-2030)

## **12 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

12.1 SerDes Value Chain Analysis

12.1.1 SerDes Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 SerDes Production Mode & Process

12.2 SerDes Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 SerDes Distributors

12.2.3 SerDes Customers

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

## 14.5 Data Source

### 14.5.1 Secondary Sources

### 14.5.2 Primary Sources

## 14.6 Disclaimer

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