

# Global Serializer & Deserializer Market Growth 2025-2031

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## Abstracts

The global Serializer & Deserializer market size is predicted to grow from US\$ 680 million in 2025 to US\$ 1208 million in 2031; it is expected to grow at a CAGR of 10.1% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

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.

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%.

LP Information, Inc. (LPI) ' newest research report, the "Serializer & Deserializer Industry Forecast" looks at past sales and reviews total world Serializer & Deserializer sales in 2024, providing a comprehensive analysis by region and market sector of projected Serializer & Deserializer sales for 2025 through 2031. With Serializer & Deserializer sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Serializer & Deserializer industry.

This Insight Report provides a comprehensive analysis of the global Serializer & Deserializer landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Serializer & Deserializer portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Serializer & Deserializer market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Serializer & Deserializer and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Serializer & Deserializer.

This report presents a comprehensive overview, market shares, and growth opportunities of Serializer & Deserializer market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Stand-Alone Serializer/Deserializer

Serializer/Deserializer IP Core

#### Segmentation by Application:

Optical Fiber Communication

Consumer Electronics

Automotive

Datacenter and Cloud Computing

Others

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

### Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Texas Instruments

Maxim Integrated

ON Semiconductor

NXP

STMicroelectronics

Avago (Broadcom)

ROHM Semiconductor

Cypress

Intesil (Renesas)

Semtech

Vitesse (Microsemi)

Faraday Technology

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Serializer & Deserializer market?

What factors are driving Serializer & Deserializer market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Serializer & Deserializer market opportunities vary by end market size?

How does Serializer & Deserializer break out by Type, by Application?

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