

2020-2025 Global SerDes Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

A SerDes is a pair of functional blocks commonly used in high speed communications to compensate for limited input/output. These blocks convert data between serial data and parallel interfaces in each direction. The primary use of a SerDes is to provide data transmission over a single/differential line in order to minimize the number of I/O pins and interconnects.

This report elaborates the market size, market characteristics, and market growth of the SerDes industry, and breaks down according to the type, application, and consumption area of SerDes. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for SerDes in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global SerDes market covered in Chapter 13:

ROHM Semiconductor

Semtech

NXP

Faraday Technology

Cypress

ON Semiconductor

STMicroelectronics

Maxim Integrated

Intesil (Renesas)

Avago (Broadcom)

Texas Instruments

Vitesse (Microsemi)

In Chapter 6, on the basis of types, the SerDes market from 2015 to 2025 is primarily split into:

Stand-Alone SerDes

SerDes IP Core

In Chapter 7, on the basis of applications, the SerDes market from 2015 to 2025 covers:

Optical Fiber Communication

Consumer Electronics

Automotive

Datacenter and Cloud Computing

Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany
UK
France
Italy
Spain
Others
Asia-Pacific (Covered in Chapter 10)
China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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