

# Data Converter Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Data Converter Market Trends and Forecast

The future of the global data converter market looks promising with opportunities in the communications, consumer electronics, industrial, medical, test & measurement, and automotive markets. The global data converter market is expected to reach an estimated \$7.9 billion by 2030 with a CAGR of 5.8% from 2024 to 2030. The major drivers for this market are Increasing end user demand for T&M solutions, Increasing demand for high resolution images in science and medicine ,and Adoption of high-tech data acquisition systems is on the rise.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Data Converter Market by Segment

The study includes a forecast for the global data converter market by end use industry, type, sampling rate, and region

### Data Converter Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Communications

Consumer Electronics

Industrial

Medical

Test & Measurement

Automotive

Data Converter Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Analog-to-Digital Converters

Digital-to-Analog Converters

Data Converter Market by Sampling Rate [Shipment Analysis by Value from 2018 to 2030]:

High-Speed Data Converters

General-Purpose Data Converters

Data Converter Market by Region [Shipment Analysis by Value from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Power Electronics Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments,

infrastructural development, and leverage integration opportunities across the value chain. With these strategies power electronics companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the power electronics companies profiled in this report include-

Texas Instruments

Analog Devices

Skyworks Solutions

Infineon Technologies

STMicroelectronics

Qorvo

NXP Semiconductor

ON Semiconductor

Microchip Technology

Renesas Electronics Corporation

## Power Electronics Market Insights

Lucintel forecast that medical application is expected to witness highest growth over the forecast period due to the need for personalized, user-friendly, and cutting-edge medical devices is growing.

Within this market, Analog-to-Digital Converters (ADCs) will remain the largest segment due to increase in adoption of industrial DAQ and medical devices, including cardiac monitors, hemodynamic monitors, respiratory monitors, multi-parameter monitors, digital thermometers, endoscopes, and ophthalmoscopes.

APAC is expected to witness highest growth over the forecast period due to Industrial

digitization, IoT adoption, and connected device penetration in this region.

Features of the Global Data Converter Market

Market Size Estimates: Data Converter Market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Data Converter Market size by end use industry, type, sampling rate and region in terms of value (\$B).

Regional Analysis: Data Converter Market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different type, material, end use industry, product, end use industry Data Converter Market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the Data Converter Market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q.1 What is the Data Converter Market size?

Answer: the global data converter market is expected to reach an estimated \$7.9 billion by 2030.

Q.2 What is the growth forecast for Data Converter Market?

Answer: the global data converter market is expected to grow with a cagr of 5.8% from 2024 to 2030

Q.3 What are the major drivers influencing the growth of the Data Converter Market?

Answer: the major drivers for this market are increasing end user demand for t&m solutions increasing demand for high resolution images in science and medicine

adoption of high-tech data acquisition systems is on the rise

Q4. What are the major segments for Data Converter Market?

Answer: the future of the data converter market looks promising with opportunities in the communications, consumer electronics, industrial, medical, test & measurement, and automotivemarkets.

Q5. Who are the key Data Converter Market companies?

Answer: some of the key power electronics companies are as follows:

Texas Instruments

Analog Devices

Skyworks Solutions

Infineon Technologies

STMicroelectronics

Qorvo

NXP Semiconductor

ON Semiconductor

Microchip Technology

Renesas Electronics Corporation

Q6. Which Data Converter Market segment will be the largest in future?

Answer: Lucintel forecast that medical application is expected to witness highest growth over the forecast period due to the need for personalized, user-friendly, and cutting-edge medical devices is growing.

Q7. In Data Converter Market, which region is expected to be the largest in next 5 years?

Answer: apac is expected to witness highest growth over the forecast period due to industrial digitization, iot adoption, and connected device penetration in this region.

Q.8 Do we receive customization in this report?

Answer: yes, lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the data converter market by application (communications, consumer electronics, industrial, medical, test & measurement, automotive), type (analog-to-digital converters, digital-to-analog converters), sampling rate (high-speed data converters, general-purpose data converters), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat

do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to data converter market or related to data converter companies, data converter market size, data converter market share, data converter market growth, data converter market research, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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- 7.7: NXP Semiconductor
- 7.8: ON Semiconductor
- 7.9: Microchip Technology
- 7.10: Renesas Electronics Corporation

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