

Global DC-DC Converter IC Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global DC-DC Converter IC market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

DC-DC Converter ICs are devices designed to convert a source of DC (direct current) from one voltage to another. These type of devices are commonly used in portable electronic devices or any other devices that are powered from the battery instead of the external power source. The battery of the device supply power with its own voltage that might not be suitable for all internal circuits. DC-DC converter ICs ensure that required voltage is delivered to each circuit due to its own requirements. Converter ICs can both increase or decrease the voltage within the system, by storing the input energy temporarily and then releasing that to the output at a different level. DC-DC converter ICs also regulate the output voltage and maximise the energy harvest.

This report is a detailed and comprehensive analysis for global DC-DC Converter IC market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global DC-DC Converter IC market size and forecasts, in consumption value (\$ Million),

sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global DC-DC Converter IC market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global DC-DC Converter IC market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global DC-DC Converter IC market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for DC-DC Converter IC

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global DC-DC Converter IC market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ROHM, Diodes Incorporated, Nisshinbo Micro Devices, Texas Instruments, STMicroelectronics, onsemi, Maxim Integrated, Renesas Electronics, Techcode Semiconductor, Elmos Semiconductor, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

DC-DC Converter IC market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Buck Type

Boost Type

Market segment by Application

Industrial Equipment

Communication Device

Consumer Electronics

Automotive

Others

Major players covered

ROHM

Diodes Incorporated

Nisshinbo Micro Devices

Texas Instruments

STMicroelectronics

onsemi

Maxim Integrated

Renesas Electronics

Techcode Semiconductor

Elmos Semiconductor

Torex Semiconductor

Microchip Technology

TECH PUBLIC

Nanjing Micro One Electronics

Advanced Analogic Technologies

RYCHIP Semiconductor

MinebeaMitsumi

NXP Semiconductors

Sanken

Princeton Technology

SG Micro Corp

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe DC-DC Converter IC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of DC-DC Converter IC, with price, sales quantity, revenue, and global market share of DC-DC Converter IC from 2020 to 2025.

Chapter 3, the DC-DC Converter IC competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the DC-DC Converter IC breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and DC-DC Converter IC market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of DC-DC Converter IC.

Chapter 14 and 15, to describe DC-DC Converter IC sales channel, distributors, customers, research findings and conclusion.

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