

Global Rigid-flex Printed Circuit Boards (PCBs) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Rigid-flex Printed Circuit Boards (PCBs) market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

A rigid-flex PCB combines the flexibility of flex circuits with the durability of a rigid PCB. A flex-printed circuit board has only flexible materials, usually polyimide or polyester-based. They can be single-layer, double-layer or multilayer boards.

According to our Semiconductor Research Center, the global total output value of PCB was about US\$ 81 billion in 2022. With strong drivers from new technology, such as AI, 5G and new energy vehicles, it is estimated that the PCB industry will continue to grow steadily in the next six years. Global PCB manufacturers are mainly located in China mainland, China Taiwan, Japan, South Korea, Europe and the United States. Among them, Chinese local PCB companies hold the biggest share.

The Global Info Research report includes an overview of the development of the Rigid-flex Printed Circuit Boards (PCBs) industry chain, the market status of Aerospace and Defense (Single Sided Rigid-flex PCBs, Double Sided Rigid-flex PCBs), IT & Telecommunication (Single Sided Rigid-flex PCBs, Double Sided Rigid-flex PCBs), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Rigid-flex Printed Circuit Boards (PCBs).

Regionally, the report analyzes the Rigid-flex Printed Circuit Boards (PCBs) markets in key regions. North America and Europe are experiencing steady growth, driven by

government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Rigid-flex Printed Circuit Boards (PCBs) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Rigid-flex Printed Circuit Boards (PCBs) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Rigid-flex Printed Circuit Boards (PCBs) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Single Sided Rigid-flex PCBs, Double Sided Rigid-flex PCBs).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Rigid-flex Printed Circuit Boards (PCBs) market.

Regional Analysis: The report involves examining the Rigid-flex Printed Circuit Boards (PCBs) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Rigid-flex Printed Circuit Boards (PCBs) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Rigid-flex Printed Circuit Boards (PCBs):

Company Analysis: Report covers individual Rigid-flex Printed Circuit Boards (PCBs) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios,

partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Rigid-flex Printed Circuit Boards (PCBs). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Aerospace and Defense, IT & Telecommunication).

Technology Analysis: Report covers specific technologies relevant to Rigid-flex Printed Circuit Boards (PCBs). It assesses the current state, advancements, and potential future developments in Rigid-flex Printed Circuit Boards (PCBs) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Rigid-flex Printed Circuit Boards (PCBs) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Rigid-flex Printed Circuit Boards (PCBs) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Single Sided Rigid-flex PCBs

Double Sided Rigid-flex PCBs

Multi-layered Rigid-flex PCBs

Market segment by Application

Aerospace and Defense

IT & Telecommunication

Consumer Electronics

Industrial

Automotive

Healthcare

Others

Major players covered

Nippon Mektron, Ltd.

TTM Technologies, Inc.

Unimicron Technology Corporation

Samsung Electro-Mechanics

AT&S

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 Rigid-flex Printed Circuit Boards (PCBs) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Rigid-flex Printed Circuit Boards (PCBs), with price, sales, revenue and global market share of Rigid-flex Printed Circuit Boards (PCBs) from 2019 to 2024.

Chapter 3, the Rigid-flex Printed Circuit Boards (PCBs) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Rigid-flex Printed Circuit Boards (PCBs) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Rigid-flex Printed Circuit Boards (PCBs) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Rigid-flex Printed Circuit Boards (PCBs).

Chapter 14 and 15, to describe Rigid-flex Printed Circuit Boards (PCBs) sales channel, distributors, customers, research findings and conclusion.

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