

# Global Double-sided Flexible Printed Circuit (FPC) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GB620B000F9GEN.html>

Date: July 2024

Pages: 134

Price: US\$ 3,480.00 (Single User License)

ID: GB620B000F9GEN

## Abstracts

According to our (Global Info Research) latest study, the global Double-sided Flexible Printed Circuit (FPC) market size was valued at USD 10190 million in 2023 and is forecast to a readjusted size of USD 14590 million by 2030 with a CAGR of 5.3% during review period.

A Double-sided Flexible Printed Circuit (FPC) is a type of printed circuit board that offers flexibility, lightweight construction, and electrical connectivity on both sides of the flexible substrate material. It consists of two layers of flexible material, typically polyimide, with conductive traces and components etched or attached to both sides. The layers are interconnected using through-hole plating or other interconnect methods. Double-sided FPCs are used in applications where higher circuit density is required, enabling complex electronic designs in compact spaces. They find applications in various industries, including automotive, aerospace, consumer electronics, and medical devices.

The industry trend for Double-sided Flexible Printed Circuits is characterized by several significant developments. Firstly, there is an increasing demand for higher circuit density and complexity, driven by advancements in electronic devices and systems. Double-sided FPCs offer the necessary flexibility and compactness to accommodate these requirements. Secondly, the demand for flexible displays and touch-sensitive interfaces in consumer electronics, like smartphones and wearables, is driving the adoption of Double-sided FPCs for their ability to integrate multiple functions while maintaining a flexible form factor. Thirdly, advancements in manufacturing processes and materials are improving the reliability, durability, and performance of Double-sided FPCs. Lastly, environmental sustainability is gaining importance, leading to the use of eco-friendly

materials and manufacturing techniques in Double-sided FPC production.

The Global Info Research report includes an overview of the development of the Double-sided Flexible Printed Circuit (FPC) industry chain, the market status of Consumer Electronics (Aluminum-based, Copper-based), Automotive (Aluminum-based, Copper-based), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Double-sided Flexible Printed Circuit (FPC).

Regionally, the report analyzes the Double-sided Flexible Printed Circuit (FPC) 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 Double-sided Flexible Printed Circuit (FPC) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

**Key Features:**

The report presents comprehensive understanding of the Double-sided Flexible Printed Circuit (FPC) 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 Double-sided Flexible Printed Circuit (FPC) 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., Aluminum-based, Copper-based).

**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 Double-sided Flexible Printed Circuit (FPC) market.

**Regional Analysis:** The report involves examining the Double-sided Flexible Printed Circuit (FPC) 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 Double-sided Flexible Printed Circuit (FPC) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Double-sided Flexible Printed Circuit (FPC):

**Company Analysis:** Report covers individual Double-sided Flexible Printed Circuit (FPC) 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 Double-sided Flexible Printed Circuit (FPC) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, Automotive).

**Technology Analysis:** Report covers specific technologies relevant to Double-sided Flexible Printed Circuit (FPC). It assesses the current state, advancements, and potential future developments in Double-sided Flexible Printed Circuit (FPC) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Double-sided Flexible Printed Circuit (FPC) 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

Double-sided Flexible Printed Circuit (FPC) 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

Aluminum-based

Copper-based

Others

#### Market segment by Application

Consumer Electronics

Automotive

Aerospace

Others

#### Major players covered

Nippon Mektron

AKM Meadville

MFLEX

Zhen Ding Tech

Flexium

MFS Technology

Yamaichi Electronics

Fujikura

Interflex

CAREER

Yamashita Materials Corporation

QualiEco Circuits

SIFLEX

Taiyo Industries

Sumitomo Electric Group

BHflex

Daeduck GDS

Tech-Etch

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 Double-sided Flexible Printed Circuit (FPC) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Double-sided Flexible Printed Circuit (FPC), with price, sales, revenue and global market share of Double-sided Flexible

Printed Circuit (FPC) from 2019 to 2024.

Chapter 3, the Double-sided Flexible Printed Circuit (FPC) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Double-sided Flexible Printed Circuit (FPC) 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 Double-sided Flexible Printed Circuit (FPC) 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 Double-sided Flexible Printed Circuit (FPC).

Chapter 14 and 15, to describe Double-sided Flexible Printed Circuit (FPC) sales channel, distributors, customers, research findings and conclusion.

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