

# **Flexible Printed Circuit Board Market (By Type: Single Sided Flex Circuits, Double Sided Flex Circuits, Multi-Layer Flex Circuits, Rigid Flex Circuits; By Application: Instrumentations & Medical, Computers & Data Storage, Consumer Electronics, Automotive, Telecommunications, Defense & Aerospace, Industrial Electronics; By Geography: North America, Europe, Asia-Pacific and RoW) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015-2024**

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## **Abstracts**

Global Flexible Printed Circuit Board Market is estimated to reach \$33 billion by 2024; growing at a CAGR of 10.6% from 2016 to 2024. Flexible printed circuit board (FPCB) is a technology of assembling printed electric circuits on a flexible substrate. FPCB are designed as a replacement for traditional wire harnesses. Rising research & development has led to the development of new FPCBs that have been constantly contributing to the improvement and evolution of people's modern life. FPCB has the ability to adapt easily to miniaturization, uniformity in production, eliminate wiring errors, compact & highly suitable for mass production. They are greatly used in laptops, cell phones, cameras, pacemakers, and cochlear implants, among others. Standards and specifications have been developed by Association Connecting Electronics Industries (IPC) to provide a common ground of understanding for manufacturers and users of FPCBs.

Major drivers of the global flexible printed circuit board market are growing demand for compact & flexible devices, increasing popularity for wearable devices, technological advancements & expanding performance requirements by end-users. However, high

initial costs and lack of trained personal to operate may hinder the growth of the market. Furthermore, growing applications in automated robots, automotive sector and healthcare would provide growth opportunities in the coming years.

The global flexible printed circuit board market is segmented based on the type, application and geography. By type, it is segmented into single sided flex circuits, double sided flex circuits, multi-layer flex circuits rigid flex circuits and others. Furthermore, application is segmented into instrumentations & medical, computers & data storage, consumer electronics, automotive, telecommunications, defense & aerospace, industrial electronics and others.

By geography, the FPCB market is segmented into North America, Europe, Asia-Pacific and Rest of the World (RoW). The U.S., Canada and Mexico are covered under North America wherein Europe covers U.K., Italy, Germany, France and others. Asia-Pacific covers India, China, Japan, South Korea and others. Rest of the World (RoW) covers South America, Middle East and Africa.

Key market players include 3M Company, Nippon Mektron, Ltd., Interflex Co., Ltd., Sumitomo Electric Industries, Ltd., LG Innotek, Flexible Circuit Technologies, Inc., Nitto Denko Corp., Fujikura Ltd., Zhen Ding Technology Holding Limited and MFS Technology Ltd.

## **THE KEY TAKEAWAYS FROM THE REPORT**

The report will provide detailed analysis of Flexible Printed Circuit Board market with respect to major segments such as type and application

The report will include the qualitative and quantitative analysis with market estimation over 2015-2024 and compound annual growth rate (CAGR) between 2016 and 2024

Comprehensive analysis of market dynamics including factors and opportunities will be provided in the report

An exhaustive regional analysis of Flexible Printed Circuit Board market will be included in the report

Profile of the key players of the Flexible Printed Circuit Board market, will be

provided, which include key financials, product & services, new developments, and business strategies.

## Scope of Flexible Printed Circuit Board Market

### Type Segments

Single Sided Flex Circuits

Double Sided Flex Circuits

Multi-Layer Flex Circuits

Rigid Flex Circuits

Others

### Application Segments

Instrumentations & Medical

Computers & Data Storage

Consumer Electronics

Automotive

Telecommunications

Defense & Aerospace

Industrial Electronics

Others

### Geography Segments

## North America

US

Canada

Mexico

## Europe

U.K.

Italy

Germany

France

Others

## Asia-Pacific

India

China

Japan

South Korea

Others

## RoW

South America

Middle East

Africa



## Contents

### CHAPTER 1 PREFIX

- 1.1 Market Scope
- 1.2 Report Description
- 1.3 Research Methodology
  - 1.3.1 Primary Research
  - 1.3.2 Secondary Research
  - 1.3.3 In-house Data Modeling

### CHAPTER 2 EXECUTIVE SUMMARY

### CHAPTER 3 MARKET OUTLINE

- 3.1 Market Inclination, Trend, Outlook and Viewpoint
- 3.2 Market Share Analysis: Company's Competitive Scenario
- 3.3 Value Chain Analysis
- 3.4 Market Dynamics
  - 3.4.1 Drivers
    - 3.4.1.1 Impact Analysis
  - 3.4.2 Restraints
    - 3.4.2.1 Impact Analysis
  - 3.4.3 Opportunities
- 3.5 Porter's five forces analysis
  - 3.5.1 Factors Impact Analysis

### CHAPTER 4 FLEXIBLE PRINTED CIRCUIT BOARD MARKET BY TYPE: MARKET SIZE AND FORECAST, 2015 – 2024

- 4.1 Single Sided Flex Circuits
  - 4.1.1 Current Trend and Analysis
  - 4.1.2 Market Size and Forecast
- 4.2 Double Sided Flex Circuits
  - 4.2.1 Current Trend and Analysis
  - 4.2.2 Market Size and Forecast
- 4.3 Multi-Layer Flex Circuits
  - 4.3.1 Current Trend and Analysis
  - 4.3.2 Market Size and Forecast

- 4.4 Rigid Flex Circuits
  - 4.4.1 Current Trend and Analysis
  - 4.4.2 Market Size and Forecast
- 4.5 Other Types
  - 4.5.1 Current Trend and Analysis
  - 4.5.2 Market Size and Forecast

## **CHAPTER 5 FLEXIBLE PRINTED CIRCUIT BOARD MARKET BY APPLICATION: MARKET SIZE AND FORECAST, 2015 – 2024**

- 5.1 Instrumentation & Medical
  - 5.1.1 Current Trend and Analysis
  - 5.1.2 Market Size and Forecast
- 5.2 Computers & Data Storage
  - 5.2.1 Current Trend and Analysis
  - 5.2.2 Market Size and Forecast
- 5.3 Consumer Electronics
  - 5.3.1 Current Trend and Analysis
  - 5.3.2 Market Size and Forecast
- 5.4 Automotive
  - 5.4.1 Current Trend and Analysis
  - 5.4.2 Market Size and Forecast
- 5.5 Telecommunications
  - 5.5.1 Current Trend and Analysis
  - 5.5.2 Market Size and Forecast
- 5.6 Defense & Aerospace
  - 5.6.1 Current Trend and Analysis
  - 5.6.2 Market Size and Forecast
- 5.7 Industrial Electronics
  - 5.7.1 Current Trend and Analysis
  - 5.7.2 Market Size and Forecast
- 5.8 Other Applications
  - 5.8.1 Current Trend and Analysis
  - 5.8.2 Market Size and Forecast

## **CHAPTER 6 FLEXIBLE PRINTED CIRCUIT BOARD MARKET BY GEOGRAPHY: MARKET SIZE AND FORECAST, 2015 – 2024**

- 6.1 North America

- 6.1.1 Current Trend and Analysis
- 6.1.2 Market Size and Forecast
- 6.1.3 US
- 6.1.4 Canada
- 6.1.5 Mexico
- 6.2 Europe
  - 6.2.1 Current Trend and Analysis
  - 6.2.2 Market Size and Forecast
  - 6.2.3 Germany
  - 6.2.4 France
  - 6.2.5 United Kingdom
  - 6.2.6 Italy
  - 6.2.7 Others
- 6.3 Asia-Pacific
  - 6.3.1 Current Trend and Analysis
  - 6.3.2 Market Size and Forecast
  - 6.3.3 China
  - 6.3.4 India
  - 6.3.5 Japan
  - 6.3.6 South Korea
  - 6.3.7 Others
- 6.4 RoW
  - 6.4.1 Current Trend and Analysis
  - 6.4.2 Market Size and Forecast
  - 6.4.3 Middle East
  - 6.4.4 South America
  - 6.4.5 Africa

## **CHAPTER 7 COMPANY PROFILES**

- 7.1 3M Company
- 7.2 Nippon Mektron, Ltd.
- 7.3 Interflex Co., Ltd.
- 7.4 Sumitomo Electric Industries, Ltd.
- 7.5 LG Innotek
- 7.6 Flexible Circuit Technologies, Inc.
- 7.7 Nitto Denko Corp.
- 7.8 Fujikura Ltd.
- 7.9 Zhen Ding Technology Holding Limited



## 7.10 MFS Technology Ltd

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