

Flexible Printed Circuit Board Market: Trends, Opportunities and Competitive Analysis [2024-2030]

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Abstracts

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Flexible Printed Circuit Board Market Trends and Forecast

The future of the global flexible printed circuit board (FPC) market looks promising with opportunities in the computer/peripheral, telecommunication, consumer electronics, medical, automotive, and aerospace and defense industries. The global flexible printed circuit board (FPC) market is expected to reach an estimated \$22.7 billion by 2030 with a CAGR of 3.2% from 2024 to 2030. The major drivers for this market are increasing demand for FPC in the telecommunication industry, growth in connected devices, and advancement in automotive electronics.

Emerging Trends in the Flexible Printed Circuit Board Market

Emerging trends, which have a direct impact on the dynamics of the industry, include miniaturization of electronic devices and growing demand for low loss/high speed PCBs.

A total of 122 figures / charts and 134 tables are provided in this 197-page report to help in your business decisions. Sample figures with insights are shown below.

Flexible Printed Circuit Board Market by Segment

The study includes trends and forecast for the global flexible printed circuit board (FPC) market by technology, end use industry, laminate material type, raw material usage, and region as follows:

By End Use Industry [\$M and M Sqm shipment analysis for 2018 – 2030]:

Computers/Peripherals

Telecommunications

Consumer Electronics

Medical

Automotive

Aerospace and Defense

Others

By Technology [\$M and M Sqm shipment analysis for 2018 – 2030]:

Single Layer

Double Layer

Multi- Layer

Rigid-Flex

By Laminate Material Type [\$M and M Sqm shipment analysis for 2018 – 2030]:

Polyimide

Polyester and Others

By Raw Material Usage [\$M and kilotons shipment analysis for 2018 – 2030]:

Polyimide Films

Polyester and Other Films

By Region [\$M and M Sqm shipment analysis for 2018 – 2030]:

North America

United States

Canada

Mexico

Europe

Germany

France

UK

Asia Pacific

China

Japan

South Korea

India

Taiwan

Rest of the World

List of Flexible Printed Circuit Board 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 flexible PCB companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the flexible PCB companies profiled in this report includes.

Zhen Ding Technology Holding Limited (ZDT)

NOK Corporation

Sumitom%li%Electric

Flexium Interconnect Inc.

Fujikura Ltd.

Nitt%li%Denk%li%Corporation

Interflex

Samsung Electro-Mechanics

Daeduck GDS

Compeq Samtec Inc

Flexible Printed Circuit Board Market Insight

Lucintel forecasts that multi-layer will remain the largest technology type due t%li%increasing demand in the automotive and telecommunication industries. The rigid-flex substrate segment is expected t%li%witness the highest growth during the forecast period due t%li%growing demand for smartphone and display applications.

Telecommunication will remain the largest end use industry, supported

by increasing demand for smartphones, data storage, 5G technology, and network solution sectors. The medical end use market is expected to witness the highest growth during the forecast period because it will witness increasing demand for portable, wireless, and more complex electronic assemblies.

Asia Pacific is expected to remain the largest market and witness the highest growth over the forecast period due to increasing ADAS and vehicle safety features in automotive and growth in consumer electronic devices and telecommunication products. Increasing usage of electric vehicles due to growing environmental concerns and regulations is also expected to drive the demand for FPC in this region.

Features of Flexible Printed Circuit Board Market

Market Size Estimates: Flexible printed circuit board market size estimation in terms of value (\$M) and volume (million square meter)

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

Segmentation Analysis: Flexible printed circuit board market size by various segments, such as end use industry, technology, laminate material type, and raw material usage, in terms of value and volume.

Regional Analysis: Flexible printed circuit board market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in various end use industries, technologies, laminate material types, and raw material usages, and regions, for the flexible printed circuit board market.

Strategic Analysis: This includes M&A, new product development, and

competitive landscape for the flexible printed circuit board market.

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

FAQ

Q1. What is the flexible printed circuit board market size?

Answer: The global flexible printed circuit board market is expected to reach an estimated \$22.7 billion by 2030.

Q2. What is the growth forecast for flexible printed circuit board market?

Answer: The flexible printed circuit board market is expected to grow at a CAGR of 3.2% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the flexible printed circuit board market?

Answer: The major drivers for this market are increasing demand for FPC in the telecommunication industry, growth in connected devices, and advancement in automotive electronics.

Q4. What are the major applications or end use industries for flexible printed circuit board?

Answer: Telecommunication and computer and peripherals are the major end use industries for flexible printed circuit board market.

Q5. What are the emerging trends in flexible printed circuit board market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include miniaturization of electronic devices and growing demand for low loss/high speed PCBs.

Q6. What are the key flexible printed circuit board companies?

Answer: Some of the key flexible printed circuit board companies are as follows:

Zhen Ding Technology Holding Limited (ZDT)

NOK Corporation

Sumitom%li%Electric

Flexium Interconnect Inc.

Fujikura Ltd.

Nitt%li%Denk%li%Corporation

Interflex

Samsung Electro-Mechanics

Daeduck GDS

Compeq Samtec Inc.

Q7. Which flexible printed circuit board technology segment will be the largest in future?

Answer: Lucintel forecasts that multi-layer will remain the largest technology type due to increasing demand in the automotive and telecommunication industries. The rigid-flex substrate segment is expected to witness the highest growth during the forecast period due to growing demand for smartphone and display applications.

Q8: In flexible printed circuit board market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific is expected to remain the largest region and witness the highest growth over next 5 years.

Q9. 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 potential, high-growth opportunities for the global FPC market by end use industry (computers/peripherals, telecommunication, consumer electronics, medical, automotive, aerospace and defense, and others), technology (single layer, double layer, multi-layer and rigid flex), laminate material type (polyimide and polyester & others), laminate raw material usage (polyimide films and polyester & other films), 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 regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

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

Q.7 What are some 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 being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities did take place in the last five years in this market?

For any questions related to flexible printed circuit board market or related flexible printed circuit board market share, flexible printed circuit board market analysis, and flexible printed circuit board market size, write to Lucintel analysts at

helpdesk@lucintel.com. We will be glad to get back to you soon.

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7.9: Daeduck GDS

7.10: Compeq Samtec Inc

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