

Printed Circuit Boards (PCBs) Market to be worth US\$ 104.8 Billion by the year 2033 | Future Market Insights, Inc.

Amid rising usage of smartphones, tablets, laptops, gaming consoles, TVs, and smart home devices, the global PCB market is poised for significant growth.



NEWARK, DELAWARE, UNITED STATES OF AMERICA, December 7, 2023 /EINPresswire.com/ -- According to a Future Market Insights (FMI) report, the size of the global [printed circuit boards \(PCBs\) market](#) is anticipated to be US\$ 63.5 Billion in 2023. The growth of the market is being driven by the expanding application in the various end-use industries. According to estimates, the market will generate US\$ 104.8 Billion in 2033, with a CAGR of 5.1% between 2023 and 2033.

The printed circuit boards (PCBs) market has experienced rapid growth in the last few years due to the increasing application of printed circuit boards (PCBs) in the electronics industry. The growing advances in consumer electronics and technological innovations in communications are likely to drive the growth of the printed circuit board market.

The increasing use of smartphones, tablets, laptops, and smart home devices, drives the demand for printed circuit boards (PCBs). Increasing demand for energy-efficient products with cost-effective manufacturing and high performance is also expected to boost the growth of the market.

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The increasing demand for the miniaturization of IoT devices, and increasing demand for compact electronic devices, including wearables, IoT devices, and medical devices, contribute to the growth of the printed circuit boards (PCBs) market.

North America is expected to dominate the market for printed circuit boards owing to the technological innovations in consumer electronics in the region. The countries such as India, China, and South Korea are the key contributor to the growth of the printed circuit boards market.

Key Takeaways:

From 2018 to 2022, the printed circuit boards market demand expanded at a CAGR of 6.5%.

Based on type, the multi-Layer segment accounts for a CAGR of 4.9%.

By substrate type, the standard multilayer segment is expected to expand at a CAGR of 4.7% during the forecast period.

North America to emerge as a promising printed circuit board market, capturing a CAGR of 5.1%.

The printed circuit boards (PCBs) industry in the United Kingdom is predicted to reach US\$ 3.9 Billion by 2033.

Asia Pacific to be an opportunistic printed circuit boards market, expected to capture a CAGR of 5.1% during the forecast period.

South Korea's printed circuit industry is predicted to achieve a market revenue of US\$ 5.1 Billion by 2033.

"Growing technological innovation in manufacturing technology and increased awareness in the industrial sector are expected to drive the market in the forecast period. The increasing demand from the aerospace & defence sector globally is projected to play a vital role in strengthening the market," - opines Nikhil Kaitwade, Associate Vice President at Future Market Insights (FMI).

Competitive Landscape:

Some of the leading market players operating in the printed circuit boards (PCBs) market are –

Amphenol Corporation
Amperex Technology Ltd.
Apex Microelectronics Company Limited
Autosplice, Inc.
Auter Elektronik Ltd.

Some of the recent developments in the market are listed below:

In November 2021- Aurubis AG announces the recycling plant in United States Georgia.

Nippon Mektron, based in Japan, is a major player in the PCB market. The company has been actively investing in research and development to enhance its PCB technologies. It has been working on developing advanced materials and manufacturing processes to meet the demands

of high-speed, high-frequency PCBs required in 5G infrastructure, automotive electronics, and other applications.

Zhen Ding Technology, is a leading PCB manufacturer specializing in high-density interconnect and flexible PCBs. The company has been actively involved in the development of advanced PCB technologies for applications such as smartphones, tablets, and automotive electronics. Zhen Ding Technology has also been expanding its production capacity and exploring partnerships to meet the increasing demand for advanced PCBs.

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Key Segmentation:

By Type:

- Multi-Layer
- Double-Sided
- Single-Sided

By Substrate Type:

- Standard Multilayer
- HighDensity Interconnect (HDI)
- IC Substrate
- Regid 1-2 Sided
- Regid Flex
- Others

By End-Use:

- Computer & Peripherals
- Communications
- Consumer Electronic
- Industrial Electronics
- Automotive
- Aerospace & Defence
- Others

By Region:

- North American
- Latin America

Europe
Asia Pacific
Middle East and Africa

Author:

Nikhil Kaitwade (Associate Vice President at Future Market Insights, Inc.) has over a decade of experience in market research and business consulting. He has successfully delivered 1500+ client assignments, predominantly in Automotive, Chemicals, Industrial Equipment, Oil & Gas, and Service industries.

His core competency circles around developing research methodology, creating a unique analysis framework, statistical data models for pricing analysis, competition mapping, and market feasibility analysis. His expertise also extends wide and beyond analysis, advising clients on identifying growth potential in established and niche market segments, investment/divestment decisions, and market entry decision-making.

Nikhil holds an MBA degree in Marketing and IT and a Graduate in Mechanical Engineering. Nikhil has authored several publications and quoted in journals like EMS Now, EPR Magazine, and EE Times.

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The [water treatment system market](#) can expect an average CAGR of 6.2% through 2033, with a forecast valuation of US\$ 1,28,230 Million by 2033.

The global [chilled water storage system market](#) is anticipated to reach valuation of US\$ 322.9 Million in 2033, recording a CAGR of 6.9% from 2023 to 2033.

About Future Market Insights (FMI)

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 5000 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries.

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