

# **Global Printed Circuit Board (PCB) Market Size study & Forecast, by Type (Single Sided, Double Sided, Multi-Layer, HDI), by Substrate (Rigid, Flexible, Rigid-Flex), by End-user Industry (Industrial Electronics, Healthcare, Aerospace & Defense, Automotive, IT & Telecom, Consumer Electronics, Other End-user Industries) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Printed Circuit Board (PCB) Market is valued at approximately USD 78.75 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 5.00% over the forecast period 2023-2030. A Printed Circuit Board (PCB) is a board made of insulating material, such as fiberglass, with conductive pathways etched onto the surface to connect different components of an electronic circuit. PCBs are used in a wide range of applications, including consumer electronics, automotive, aerospace, and healthcare. The PCB market includes the manufacturing, design, and supply of PCBs and related components, including single-layer, double-layer, multi-layer, and high-density interconnect (HDI) PCBs. The major driving factors for the Global Printed Circuit Board Market are growing demand for electronic devices, increasing demand for IoT devices and increasing adoption of electric vehicles. Moreover, growth in the healthcare industry and advancements in PCB technology is creating a lucrative growth opportunity for the market over the forecast period 2023-2030.

The adoption of electric vehicles is driving the demand for PCBs in the automotive industry. PCBs are used in various components of electric vehicles such as battery management systems, motor control units, and charging systems, which is driving the growth of the PCB market. In 2019, the global electric vehicle market share was around 2.5%, which is expected to grow to around 7.6% by 2023, according to a report by

Statista. Similarly, in 2019, the number of electric vehicles on the road worldwide surpassed 5 million, according to the International Energy Agency (IEA). This number is expected to reach 145 million by 2030, driven by government policies and falling battery costs. Along with this, in 2020, China, the world's largest auto market, announced plans to phase out internal combustion engine vehicles and switch to electric vehicles by 2035, according to a report by CNBC. However, the high cost of Printed Circuit Board (PCB) stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Printed Circuit Board (PCB) Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. The Asia-Pacific region is the largest market for electric vehicles due to strong government support, favorable regulations, and the presence of leading EV manufacturers such as Tesla, BYD, and Nissan. China is the largest market for electric vehicles in the world, accounting for around 50% of global EV sales in 2021. Other countries in the region such as Japan, South Korea, and India are also seeing significant growth in EV adoption. The European market for electric vehicles is rapidly growing due to strict emissions regulations, government incentives, and the expansion of charging infrastructure. Norway is currently the leader in EV adoption, with electric vehicles accounting for more than 80% of new car sales in 2021. Other countries in the region such as Germany, France, and the UK are also seeing significant growth in EV adoption.

Major market player included in this report are:

Nippon Mektron Ltd.  
Unimicron Technology Corp.  
Samsung Electro-Mechanics Co., Ltd.  
Tripod Technology Corporation  
TTM Technologies, Inc.  
Zhen Ding Technology Holding Limited  
Young Poong Electronics Co., Ltd.  
Compeq Manufacturing Co., Ltd.  
AT&S Austria Technologie & Systemtechnik AG  
Kingboard Holdings Ltd.

Recent Developments in the Market:

In August 2022, Jabil Inc., a prominent manufacturer of printed circuit boards, announced that it will invest approximately USD 3 million to establish a new design center in Poland. The center will specialize in the design of automotive and healthcare

products, which will enable Jabil to strengthen its foothold in these sectors. The investment is expected to enhance the company's design capabilities and enable it to offer innovative solutions to its customers in the automotive and healthcare industries.

Global Printed Circuit Board (PCB) Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Substrate, End-user Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Substrate offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Single Sided

Double Sided

Multi-Layer

HDI

By Substrate:

Rigid

Flexible

Rigid-Flex

By End-user Industry:

Industrial Electronics

Healthcare

Aerospace & Defense  
Automotive  
IT & Telecom  
Consumer Electronics  
Other End-user Industries

By Region:

North America  
U.S.  
Canada

Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC

Latin America  
Brazil  
Mexico

Middle East & Africa  
Saudi Arabia  
South Africa  
Rest of Middle East & Africa

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