

Printed Circuit Board Market: Trends, Opportunities and Competitive Analysis

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Abstracts

The future of the printed circuit board (PCB) market looks promising with opportunities in the computer/peripherals, communications, consumer electronics, industrial, automotive, and military/aerospace industries. The global printed circuit board (PCB) market is expected to reach an estimated \$107.3 billion by 2027 with a CAGR of 4% from 2021 to 2027. The major drivers for this market are increasing demand for PCB in the communication industry, growth in connected devices, and growth in automotive electronics.

Emerging Trends in the PCB Market

Emerging trend, which has a direct impact on the dynamics of the industry, includes miniaturization of printed circuit boards, growing demand for high speed data and signal transmission, and development of green PCBs. NOK Corporation, Zhen Ding Technology, TTM Technologies, Unimicron Technology, Compeq Manufacturing, Young Poong Electronics, and Ibiden are among the major manufacturers of PCBs.

A total of 137 figures/charts and 117 tables are provided in this 229-page report to help in your business decisions. Sample figures with insights are shown below. To learn the scope of benefits, companies researched, and other details of the printed circuit board (PCB) market report, please download the report brochure.

PCB Market by Segments

In this market, computers/peripherals will remain the largest end use industry. The study includes trends and forecasts for the global printed circuit board (PCB) market by end use industry, product type, material, raw material usage, and region as follows:

PCB Market by End Use Industry [Value (\$B) and Volume (M Sqm) shipment analysis for 2016 – 2027]:

Computers/Peripherals

Communications

Consumer Electronics

Industrial Electronics

Automotive

Military/Aerospace

Others

PCB Market by Product Type [Value (\$B) and Volume (M Sqm) shipment analysis for 2016 – 2027]:

Rigid 1-2 Sided

Standard Multilayer

HDI/Microvia/Build-Up

IC Substrate

Rigid-Flex

Flexible Circuits

Others

PCB Market by Laminate Materials Type [Value (\$M) shipment analysis for 2016 – 2027]:

FR-4

FR-4 high Tg

FR-4 halogen free

Standard & Others

Flexible (PI,PET)

Paper

Composites

Others

PCB Market by Raw Material Usage [Value (\$B) and Volume (M sqm) shipment analysis for 2016 – 2027]:

Glass Fabric

Epoxy Resin

Kraft Paper

Phenolic Resin

Polyimide Film

PCB Market by Region [Value (\$M) and Volume (M lbs) shipment analysis for 2016 – 2027]:

North America

USA

Mexico

Canada

Europe

Germany

UK

France

Asia Pacific

China

Taiwan

India

Japan

South Korea

The Rest of the World

List of PCB 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, PCB companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the PCB companies profiled in this report include-

NOK Corporation

Zhen Ding Technology

TTM Technologies

Unimicron Technology

Compeq Manufacturing

Young Poong Electronics

Ibiden

SEMCO

Tripod Technology

Daeduck

AT&S

Nan Ya Printed Circuit Board

PCB Market Insights

Lucintel forecasts that standard multilayers will remain the largest product type due to increasing demand in computer and communication industries.

Communication will remain the largest end use industry during the forecast period due to growing e-communication. The automotive segment is expected to witness the highest growth due to the increasing demand for electric and hybrid vehicles.

Asia Pacific is expected to remain the largest market and witness the highest growth over the forecast period due to the increasing electronic content 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 PCB in this region.

Features of the Printed Circuit Board (PCB) Market

Market Size Estimates: Printed Circuit Board (PCB) market size estimation in terms of value (\$M)

Trend And Forecast Analysis: Market trends (2016-2022) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis: Printed circuit board (PCB) market size by various segments, such as end use industry, product type, material, raw material usage in terms of value.

Regional Analysis: Printed circuit board (PCB) market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different end use industry, product type, material, raw material usage, and regions for the printed circuit board (PCB) market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the printed circuit board (PCB) market.

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

FAQ

Q1. What is the PCB market size?

Answer: The global PCB market is expected to reach an estimated \$107.3 billion by 2027.

Q2. What is the growth forecast for PCB market?

Answer: The global PCB market is expected to grow with a CAGR of 4% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the PCB market?

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

Q4. What are the major applications or end use industries for PCB?

Answer: The future of the printed circuit board (PCB) market looks promising with opportunities in the computer/peripherals, communications, consumer electronics, industrial, automotive, and military/aerospace industries.

Q5. What are the emerging trends in PCB market?

Answer: Emerging trend, which has a direct impact on the dynamics of the industry, includes miniaturization of printed circuit boards, growing demand for high speed data and signal transmission, and development of green PCBs.

Q6. Who are the key PCB companies?

Answer: Some of the key PCB companies are as follows:

NOK Corporation

Zhen Ding Technology

TTM Technologies

Unimicron Technology

Compeq Manufacturing

Young Poong Electronics

Ibiden

SEMCO

Tripod Technology

Daeduck

AT&S

Nan Ya Printed Circuit Board

Q7. Which PCB segment will be the largest in future?

Answer: Lucintel forecasts that standard multilayers will remain the largest product type due to increasing demand in computer and communication industries.

Q8. In PCB market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific is expected to remain the largest market and witness the highest growth over the forecast period due to the increasing electronic content 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 PCB in this region.

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 printed circuit board (PCB) market by end use industry (computer/peripheral, communication, consumer electronics, industrial electronics, automotive, military/aerospace, and others), product type (standard multilayer, flexible circuits, HDI/microvia/build-up, IC substrate, rigid 1-2 sided, rigid flex, and others), laminate material type (FR-4, flexible, paper, CEM and others), laminate raw material usage (glass fabric, epoxy resin, kraft paper, phenolic resin, and polyimide film), 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 Printed Circuit Board (PCB) market?

Q.5 What are the business risks and threats to the printed circuit board (PCB) market?

Q.6 What are emerging trends in the printed circuit board (PCB) market and the reasons behind them?

Q.7 What are some changing demands of customers in the printed circuit board (PCB) market?

Q.8 What are the new developments in the printed circuit board (PCB) market? Which companies are leading these developments?

Q.9 Who are the major players in the printed circuit board (PCB) 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 the printed circuit board (PCB) market, 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 the printed circuit board (PCB) market?

For any questions related to printed circuit board (PCB) market or related to PCB design software market, automotive PCB market, high density interconnect PCB market, automotive PCB market growth, PCB companies, PCB market size, PCB market share, PCB analysis, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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7.8: Samsung Electro-Mechanics

7.9: Tripod Technology

7.10: Daeduck GDS

7.11: Nan Ya Printed Circuit Board Corporation

7.12: AT&S

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