

Global High-Frequency and High-Speed PCB Materials Market 2026 by Company, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/H52A61423B48EN.html>

Date: January 2026

Pages: 137

Price: US\$ 3,480.00 (Single User License)

ID: H52A61423B48EN

Abstracts

According to our (Global Info Research) latest study, the global High-Frequency and High-Speed PCB Materials market size was valued at US\$ 4884 million in 2025 and is forecast to a readjusted size of US\$ 9574 million by 2032 with a CAGR of 10.8% during review period.

High-Frequency and High-Speed PCB Materials are specialty laminate and prepreg systems engineered to carry signals with low loss, stable impedance, and controlled dimensional behavior as frequency rises and interconnect density increases. They matter in the electronics supply chain because signal integrity limits increasingly define whether system designers can hit bandwidth, latency, and power targets without overbuilding layers, adding repeaters, or accepting lower yields.

Upstream, the category depends on tightly specified resin systems, glass reinforcement, functional fillers, and advanced copper foils and surface treatments, all produced under disciplined contamination control and statistical process control. Downstream, the immediate buyers are PCB fabricators and substrate makers who qualify material families into stackups, then lock them into OEM programs for switches, servers, telecom equipment, and RF modules; procurement is typically qualification first, followed by annual framework pricing with volume flex clauses, dual sourcing where risk is high, and change-control obligations that constrain supplier switches.

Competitive structure is shaped by a small set of large laminate groups with scale in glass and resin supply, plus a second tier of specialists that win on RF performance, ultra-low-loss consistency, and application engineering. Top 5 suppliers control approximately 56% of global revenue CR5, reflecting both consolidation and the fact

that OEM and fabricator qualifications concentrate volume into proven platforms. Demand is concentrated in China and the wider Asia production ecosystem, while North America and Europe remain disproportionately important in system design, standards setting, and high-end networking and defense programs that pull premium grades.

Over the next six years, the growth direction is driven by AI data center buildouts, the transition to faster Ethernet and switch silicon, higher-speed server interconnect standards, and continued RF content in advanced connectivity and sensing. Material roadmaps increasingly emphasize lower and more stable loss, better thermal reliability, and smoother copper interfaces that reduce insertion loss at higher frequencies without sacrificing manufacturability. A practical trend is deeper integration of AI into material and process development, including data-driven dielectric modeling, recipe optimization, and inline defect analytics that shorten iteration cycles and improve lot-to-lot consistency. The main bottlenecks are qualification time, limited spare capacity for the most demanding resin systems and glass styles, tighter environmental compliance constraints on chemistries and processing, and the capital intensity of expanding lines that meet premium-grade consistency requirements. These constraints typically keep supply additions incremental and make the market sensitive to sudden demand swings tied to server and telecom capex cycles.

This report is a detailed and comprehensive analysis for global High-Frequency and High-Speed PCB Materials market. Both quantitative and qualitative analyses are presented by company, by region & country, by Form and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global High-Frequency and High-Speed PCB Materials market size and forecasts, in consumption value (\$ Million), 2021-2032

Global High-Frequency and High-Speed PCB Materials market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global High-Frequency and High-Speed PCB Materials market size and forecasts, by Form and by Application, in consumption value (\$ Million), 2021-2032

Global High-Frequency and High-Speed PCB Materials market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for High-Frequency and High-Speed PCB Materials
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global High-Frequency and High-Speed PCB Materials market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kingboard, Shengyi, Elite Material, Nan Ya Plastics, Panasonic, Taiwan Union Technology, ITEQ, Doosan, Rogers, Isola, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

High-Frequency and High-Speed PCB Materials market is split by Form and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Form and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Form

Copper Clad Laminate

Prepreg

Resin Coated Copper

Bonding Film

Market segment by Specialty Segment

- Standard High Speed
- Halogen Free High Speed
- PTFE High Frequency
- Hydrocarbon Ceramic High Frequency
- Other High Frequency

Market segment by Resin Platform

- Modified Epoxy
- PPO PPE
- PTFE
- Hydrocarbon Ceramic
- Polyimide & Cyanate Ester

Market segment by Reinforcement

- Glass Woven Fabric
- Glass Nonwoven
- Aramid
- Ceramic Filled
- No Reinforcement

Market segment by Application

Data Center and Cloud Computing

Wired Telecommunications Infrastructure

Mobile Devices and Consumer Electronics

Automotive Electronics

Aerospace Defense

Other Industrial Applications

Market segment by players, this report covers

Kingboard

Shengyi

Elite Material

Nan Ya Plastics

Panasonic

Taiwan Union Technology

ITEQ

Doosan

Rogers

Isola

Taconic

Ventec

Park

Resonac

AGC

Goldenmax

Nanya New Material

Chang Chun

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe High-Frequency and High-Speed PCB Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of High-Frequency and High-Speed PCB Materials, with revenue, gross margin, and global market share of High-Frequency and High-Speed PCB Materials from 2021 to 2026.

Chapter 3, the High-Frequency and High-Speed PCB Materials competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Form and by Application, with consumption value and growth rate by Form, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and High-Frequency and High-Speed PCB Materials market forecast, by regions, by Form and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of High-Frequency and High-Speed PCB Materials.

Chapter 13, to describe High-Frequency and High-Speed PCB Materials research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Classification of High-Frequency and High-Speed PCB Materials by Form

1.3.1 Overview: Global High-Frequency and High-Speed PCB Materials Market Size by Form: 2021 Versus 2025 Versus 2032

1.3.2 Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Form in 2025

1.3.3 Copper Clad Laminate

1.3.4 Prepreg

1.3.5 Resin Coated Copper

1.3.6 Bonding Film

1.4 Classification of High-Frequency and High-Speed PCB Materials by Specialty Segment

1.4.1 Overview: Global High-Frequency and High-Speed PCB Materials Market Size by Specialty Segment: 2021 Versus 2025 Versus 2032

1.4.2 Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Specialty Segment in 2025

1.4.3 Standard High Speed

1.4.4 Halogen Free High Speed

1.4.5 PTFE High Frequency

1.4.6 Hydrocarbon Ceramic High Frequency

1.4.7 Other High Frequency

1.5 Classification of High-Frequency and High-Speed PCB Materials by Resin Platform

1.5.1 Overview: Global High-Frequency and High-Speed PCB Materials Market Size by Resin Platform: 2021 Versus 2025 Versus 2032

1.5.2 Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Resin Platform in 2025

1.5.3 Modified Epoxy

1.5.4 PPO PPE

1.5.5 PTFE

1.5.6 Hydrocarbon Ceramic

1.5.7 Polyimide & Cyanate Ester

1.6 Classification of High-Frequency and High-Speed PCB Materials by Reinforcement

1.6.1 Overview: Global High-Frequency and High-Speed PCB Materials Market Size by Reinforcement: 2021 Versus 2025 Versus 2032

1.6.2 Global High-Frequency and High-Speed PCB Materials Consumption Value
Market Share by Reinforcement in 2025

1.6.3 Glass Woven Fabric

1.6.4 Glass Nonwoven

1.6.5 Aramid

1.6.6 Ceramic Filled

1.6.7 No Reinforcement

1.7 Global High-Frequency and High-Speed PCB Materials Market by Application

1.7.1 Overview: Global High-Frequency and High-Speed PCB Materials Market Size
by Application: 2021 Versus 2025 Versus 2032

1.7.2 Data Center and Cloud Computing

1.7.3 Wired Telecommunications Infrastructure

1.7.4 Mobile Devices and Consumer Electronics

1.7.5 Automotive Electronics

1.7.6 Aerospace Defense

1.7.7 Other Industrial Applications

1.8 Global High-Frequency and High-Speed PCB Materials Market Size & Forecast

1.9 Global High-Frequency and High-Speed PCB Materials Market Size and Forecast
by Region

1.9.1 Global High-Frequency and High-Speed PCB Materials Market Size by Region:
2021 VS 2025 VS 2032

1.9.2 Global High-Frequency and High-Speed PCB Materials Market Size by Region,
(2021-2032)

1.9.3 North America High-Frequency and High-Speed PCB Materials Market Size and
Prospect (2021-2032)

1.9.4 Europe High-Frequency and High-Speed PCB Materials Market Size and
Prospect (2021-2032)

1.9.5 Asia-Pacific High-Frequency and High-Speed PCB Materials Market Size and
Prospect (2021-2032)

1.9.6 South America High-Frequency and High-Speed PCB Materials Market Size and
Prospect (2021-2032)

1.9.7 Middle East & Africa High-Frequency and High-Speed PCB Materials Market
Size and Prospect (2021-2032)

2 COMPANY PROFILES

2.1 Kingboard

2.1.1 Kingboard Details

2.1.2 Kingboard Major Business

2.1.3 Kingboard High-Frequency and High-Speed PCB Materials Product and Solutions

2.1.4 Kingboard High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Kingboard Recent Developments and Future Plans

2.2 Shengyi

2.2.1 Shengyi Details

2.2.2 Shengyi Major Business

2.2.3 Shengyi High-Frequency and High-Speed PCB Materials Product and Solutions

2.2.4 Shengyi High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Shengyi Recent Developments and Future Plans

2.3 Elite Material

2.3.1 Elite Material Details

2.3.2 Elite Material Major Business

2.3.3 Elite Material High-Frequency and High-Speed PCB Materials Product and Solutions

2.3.4 Elite Material High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Elite Material Recent Developments and Future Plans

2.4 Nan Ya Plastics

2.4.1 Nan Ya Plastics Details

2.4.2 Nan Ya Plastics Major Business

2.4.3 Nan Ya Plastics High-Frequency and High-Speed PCB Materials Product and Solutions

2.4.4 Nan Ya Plastics High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Nan Ya Plastics Recent Developments and Future Plans

2.5 Panasonic

2.5.1 Panasonic Details

2.5.2 Panasonic Major Business

2.5.3 Panasonic High-Frequency and High-Speed PCB Materials Product and Solutions

2.5.4 Panasonic High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Panasonic Recent Developments and Future Plans

2.6 Taiwan Union Technology

2.6.1 Taiwan Union Technology Details

2.6.2 Taiwan Union Technology Major Business

2.6.3 Taiwan Union Technology High-Frequency and High-Speed PCB Materials Product and Solutions

2.6.4 Taiwan Union Technology High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Taiwan Union Technology Recent Developments and Future Plans

2.7 ITEQ

2.7.1 ITEQ Details

2.7.2 ITEQ Major Business

2.7.3 ITEQ High-Frequency and High-Speed PCB Materials Product and Solutions

2.7.4 ITEQ High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 ITEQ Recent Developments and Future Plans

2.8 Doosan

2.8.1 Doosan Details

2.8.2 Doosan Major Business

2.8.3 Doosan High-Frequency and High-Speed PCB Materials Product and Solutions

2.8.4 Doosan High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Doosan Recent Developments and Future Plans

2.9 Rogers

2.9.1 Rogers Details

2.9.2 Rogers Major Business

2.9.3 Rogers High-Frequency and High-Speed PCB Materials Product and Solutions

2.9.4 Rogers High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Rogers Recent Developments and Future Plans

2.10 Isola

2.10.1 Isola Details

2.10.2 Isola Major Business

2.10.3 Isola High-Frequency and High-Speed PCB Materials Product and Solutions

2.10.4 Isola High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Isola Recent Developments and Future Plans

2.11 Taconic

2.11.1 Taconic Details

2.11.2 Taconic Major Business

2.11.3 Taconic High-Frequency and High-Speed PCB Materials Product and Solutions

2.11.4 Taconic High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)

- 2.11.5 Taconic Recent Developments and Future Plans
- 2.12 Ventec
 - 2.12.1 Ventec Details
 - 2.12.2 Ventec Major Business
 - 2.12.3 Ventec High-Frequency and High-Speed PCB Materials Product and Solutions
 - 2.12.4 Ventec High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)
 - 2.12.5 Ventec Recent Developments and Future Plans
- 2.13 Park
 - 2.13.1 Park Details
 - 2.13.2 Park Major Business
 - 2.13.3 Park High-Frequency and High-Speed PCB Materials Product and Solutions
 - 2.13.4 Park High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)
 - 2.13.5 Park Recent Developments and Future Plans
- 2.14 Resonac
 - 2.14.1 Resonac Details
 - 2.14.2 Resonac Major Business
 - 2.14.3 Resonac High-Frequency and High-Speed PCB Materials Product and Solutions
 - 2.14.4 Resonac High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)
 - 2.14.5 Resonac Recent Developments and Future Plans
- 2.15 AGC
 - 2.15.1 AGC Details
 - 2.15.2 AGC Major Business
 - 2.15.3 AGC High-Frequency and High-Speed PCB Materials Product and Solutions
 - 2.15.4 AGC High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 AGC Recent Developments and Future Plans
- 2.16 Goldenmax
 - 2.16.1 Goldenmax Details
 - 2.16.2 Goldenmax Major Business
 - 2.16.3 Goldenmax High-Frequency and High-Speed PCB Materials Product and Solutions
 - 2.16.4 Goldenmax High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)
 - 2.16.5 Goldenmax Recent Developments and Future Plans
- 2.17 Nanya New Material

- 2.17.1 Nanya New Material Details
- 2.17.2 Nanya New Material Major Business
- 2.17.3 Nanya New Material High-Frequency and High-Speed PCB Materials Product and Solutions
- 2.17.4 Nanya New Material High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)
- 2.17.5 Nanya New Material Recent Developments and Future Plans
- 2.18 Chang Chun
 - 2.18.1 Chang Chun Details
 - 2.18.2 Chang Chun Major Business
 - 2.18.3 Chang Chun High-Frequency and High-Speed PCB Materials Product and Solutions
 - 2.18.4 Chang Chun High-Frequency and High-Speed PCB Materials Revenue, Gross Margin and Market Share (2021-2026)
 - 2.18.5 Chang Chun Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

- 3.1 Global High-Frequency and High-Speed PCB Materials Revenue and Share by Players (2021-2026)
- 3.2 Market Share Analysis (2025)
 - 3.2.1 Market Share of High-Frequency and High-Speed PCB Materials by Company Revenue
 - 3.2.2 Top 3 High-Frequency and High-Speed PCB Materials Players Market Share in 2025
 - 3.2.3 Top 6 High-Frequency and High-Speed PCB Materials Players Market Share in 2025
- 3.3 High-Frequency and High-Speed PCB Materials Market: Overall Company Footprint Analysis
 - 3.3.1 High-Frequency and High-Speed PCB Materials Market: Region Footprint
 - 3.3.2 High-Frequency and High-Speed PCB Materials Market: Company Product Type Footprint
 - 3.3.3 High-Frequency and High-Speed PCB Materials Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY FORM

4.1 Global High-Frequency and High-Speed PCB Materials Consumption Value and Market Share by Form (2021-2026)

4.2 Global High-Frequency and High-Speed PCB Materials Market Forecast by Form (2027-2032)

5 MARKET SIZE SEGMENT BY APPLICATION

5.1 Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Application (2021-2026)

5.2 Global High-Frequency and High-Speed PCB Materials Market Forecast by Application (2027-2032)

6 NORTH AMERICA

6.1 North America High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2032)

6.2 North America High-Frequency and High-Speed PCB Materials Market Size by Application (2021-2032)

6.3 North America High-Frequency and High-Speed PCB Materials Market Size by Country

6.3.1 North America High-Frequency and High-Speed PCB Materials Consumption Value by Country (2021-2032)

6.3.2 United States High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

6.3.3 Canada High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

6.3.4 Mexico High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

7 EUROPE

7.1 Europe High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2032)

7.2 Europe High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2032)

7.3 Europe High-Frequency and High-Speed PCB Materials Market Size by Country

7.3.1 Europe High-Frequency and High-Speed PCB Materials Consumption Value by Country (2021-2032)

7.3.2 Germany High-Frequency and High-Speed PCB Materials Market Size and

Forecast (2021-2032)

7.3.3 France High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

7.3.4 United Kingdom High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

7.3.5 Russia High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

7.3.6 Italy High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

8 ASIA-PACIFIC

8.1 Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2032)

8.2 Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2032)

8.3 Asia-Pacific High-Frequency and High-Speed PCB Materials Market Size by Region

8.3.1 Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption Value by Region (2021-2032)

8.3.2 China High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

8.3.3 Japan High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

8.3.4 South Korea High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

8.3.5 India High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

8.3.6 Southeast Asia High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

8.3.7 Australia High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

9 SOUTH AMERICA

9.1 South America High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2032)

9.2 South America High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2032)

9.3 South America High-Frequency and High-Speed PCB Materials Market Size by

Country

9.3.1 South America High-Frequency and High-Speed PCB Materials Consumption

Value by Country (2021-2032)

9.3.2 Brazil High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

9.3.3 Argentina High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2032)

10.2 Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2032)

10.3 Middle East & Africa High-Frequency and High-Speed PCB Materials Market Size by Country

10.3.1 Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Country (2021-2032)

10.3.2 Turkey High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

10.3.3 Saudi Arabia High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

10.3.4 UAE High-Frequency and High-Speed PCB Materials Market Size and Forecast (2021-2032)

11 MARKET DYNAMICS

11.1 High-Frequency and High-Speed PCB Materials Market Drivers

11.2 High-Frequency and High-Speed PCB Materials Market Restraints

11.3 High-Frequency and High-Speed PCB Materials Trends Analysis

11.4 Porters Five Forces Analysis

11.4.1 Threat of New Entrants

11.4.2 Bargaining Power of Suppliers

11.4.3 Bargaining Power of Buyers

11.4.4 Threat of Substitutes

11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

- 12.1 High-Frequency and High-Speed PCB Materials Industry Chain
- 12.2 High-Frequency and High-Speed PCB Materials Upstream Analysis
- 12.3 High-Frequency and High-Speed PCB Materials Midstream Analysis
- 12.4 High-Frequency and High-Speed PCB Materials Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global High-Frequency and High-Speed PCB Materials Consumption Value by Form, (USD Million), 2021 & 2025 & 2032

Table 2. Global High-Frequency and High-Speed PCB Materials Consumption Value by Specialty Segment, (USD Million), 2021 & 2025 & 2032

Table 3. Global High-Frequency and High-Speed PCB Materials Consumption Value by Resin Platform, (USD Million), 2021 & 2025 & 2032

Table 4. Global High-Frequency and High-Speed PCB Materials Consumption Value by Reinforcement, (USD Million), 2021 & 2025 & 2032

Table 5. Global High-Frequency and High-Speed PCB Materials Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 6. Global High-Frequency and High-Speed PCB Materials Consumption Value by Region (2021-2026) & (USD Million)

Table 7. Global High-Frequency and High-Speed PCB Materials Consumption Value by Region (2027-2032) & (USD Million)

Table 8. Kingboard Company Information, Head Office, and Major Competitors

Table 9. Kingboard Major Business

Table 10. Kingboard High-Frequency and High-Speed PCB Materials Product and Solutions

Table 11. Kingboard High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 12. Kingboard Recent Developments and Future Plans

Table 13. Shengyi Company Information, Head Office, and Major Competitors

Table 14. Shengyi Major Business

Table 15. Shengyi High-Frequency and High-Speed PCB Materials Product and Solutions

Table 16. Shengyi High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 17. Shengyi Recent Developments and Future Plans

Table 18. Elite Material Company Information, Head Office, and Major Competitors

Table 19. Elite Material Major Business

Table 20. Elite Material High-Frequency and High-Speed PCB Materials Product and Solutions

Table 21. Elite Material High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 22. Nan Ya Plastics Company Information, Head Office, and Major Competitors

- Table 23. Nan Ya Plastics Major Business
- Table 24. Nan Ya Plastics High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 25. Nan Ya Plastics High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 26. Nan Ya Plastics Recent Developments and Future Plans
- Table 27. Panasonic Company Information, Head Office, and Major Competitors
- Table 28. Panasonic Major Business
- Table 29. Panasonic High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 30. Panasonic High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 31. Panasonic Recent Developments and Future Plans
- Table 32. Taiwan Union Technology Company Information, Head Office, and Major Competitors
- Table 33. Taiwan Union Technology Major Business
- Table 34. Taiwan Union Technology High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 35. Taiwan Union Technology High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 36. Taiwan Union Technology Recent Developments and Future Plans
- Table 37. ITEQ Company Information, Head Office, and Major Competitors
- Table 38. ITEQ Major Business
- Table 39. ITEQ High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 40. ITEQ High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 41. ITEQ Recent Developments and Future Plans
- Table 42. Doosan Company Information, Head Office, and Major Competitors
- Table 43. Doosan Major Business
- Table 44. Doosan High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 45. Doosan High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 46. Doosan Recent Developments and Future Plans
- Table 47. Rogers Company Information, Head Office, and Major Competitors
- Table 48. Rogers Major Business
- Table 49. Rogers High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 50. Rogers High-Frequency and High-Speed PCB Materials Revenue (USD

- Million), Gross Margin and Market Share (2021-2026)
- Table 51. Rogers Recent Developments and Future Plans
- Table 52. Isola Company Information, Head Office, and Major Competitors
- Table 53. Isola Major Business
- Table 54. Isola High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 55. Isola High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 56. Isola Recent Developments and Future Plans
- Table 57. Taconic Company Information, Head Office, and Major Competitors
- Table 58. Taconic Major Business
- Table 59. Taconic High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 60. Taconic High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 61. Taconic Recent Developments and Future Plans
- Table 62. Ventec Company Information, Head Office, and Major Competitors
- Table 63. Ventec Major Business
- Table 64. Ventec High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 65. Ventec High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 66. Ventec Recent Developments and Future Plans
- Table 67. Park Company Information, Head Office, and Major Competitors
- Table 68. Park Major Business
- Table 69. Park High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 70. Park High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 71. Park Recent Developments and Future Plans
- Table 72. Resonac Company Information, Head Office, and Major Competitors
- Table 73. Resonac Major Business
- Table 74. Resonac High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 75. Resonac High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 76. Resonac Recent Developments and Future Plans
- Table 77. AGC Company Information, Head Office, and Major Competitors
- Table 78. AGC Major Business
- Table 79. AGC High-Frequency and High-Speed PCB Materials Product and Solutions
- Table 80. AGC High-Frequency and High-Speed PCB Materials Revenue (USD Million),

Gross Margin and Market Share (2021-2026)

Table 81. AGC Recent Developments and Future Plans

Table 82. Goldenmax Company Information, Head Office, and Major Competitors

Table 83. Goldenmax Major Business

Table 84. Goldenmax High-Frequency and High-Speed PCB Materials Product and Solutions

Table 85. Goldenmax High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 86. Goldenmax Recent Developments and Future Plans

Table 87. Nanya New Material Company Information, Head Office, and Major Competitors

Table 88. Nanya New Material Major Business

Table 89. Nanya New Material High-Frequency and High-Speed PCB Materials Product and Solutions

Table 90. Nanya New Material High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Nanya New Material Recent Developments and Future Plans

Table 92. Chang Chun Company Information, Head Office, and Major Competitors

Table 93. Chang Chun Major Business

Table 94. Chang Chun High-Frequency and High-Speed PCB Materials Product and Solutions

Table 95. Chang Chun High-Frequency and High-Speed PCB Materials Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 96. Chang Chun Recent Developments and Future Plans

Table 97. Global High-Frequency and High-Speed PCB Materials Revenue (USD Million) by Players (2021-2026)

Table 98. Global High-Frequency and High-Speed PCB Materials Revenue Share by Players (2021-2026)

Table 99. Breakdown of High-Frequency and High-Speed PCB Materials by Company Type (Tier 1, Tier 2, and Tier 3)

Table 100. Market Position of Players in High-Frequency and High-Speed PCB Materials, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 101. Head Office of Key High-Frequency and High-Speed PCB Materials Players

Table 102. High-Frequency and High-Speed PCB Materials Market: Company Product Type Footprint

Table 103. High-Frequency and High-Speed PCB Materials Market: Company Product Application Footprint

Table 104. High-Frequency and High-Speed PCB Materials New Market Entrants and Barriers to Market Entry

Table 105. High-Frequency and High-Speed PCB Materials Mergers, Acquisition, Agreements, and Collaborations

Table 106. Global High-Frequency and High-Speed PCB Materials Consumption Value (USD Million) by Form (2021-2026)

Table 107. Global High-Frequency and High-Speed PCB Materials Consumption Value Share by Form (2021-2026)

Table 108. Global High-Frequency and High-Speed PCB Materials Consumption Value Forecast by Form (2027-2032)

Table 109. Global High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2026)

Table 110. Global High-Frequency and High-Speed PCB Materials Consumption Value Forecast by Application (2027-2032)

Table 111. North America High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2026) & (USD Million)

Table 112. North America High-Frequency and High-Speed PCB Materials Consumption Value by Form (2027-2032) & (USD Million)

Table 113. North America High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2026) & (USD Million)

Table 114. North America High-Frequency and High-Speed PCB Materials Consumption Value by Application (2027-2032) & (USD Million)

Table 115. North America High-Frequency and High-Speed PCB Materials Consumption Value by Country (2021-2026) & (USD Million)

Table 116. North America High-Frequency and High-Speed PCB Materials Consumption Value by Country (2027-2032) & (USD Million)

Table 117. Europe High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2026) & (USD Million)

Table 118. Europe High-Frequency and High-Speed PCB Materials Consumption Value by Form (2027-2032) & (USD Million)

Table 119. Europe High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2026) & (USD Million)

Table 120. Europe High-Frequency and High-Speed PCB Materials Consumption Value by Application (2027-2032) & (USD Million)

Table 121. Europe High-Frequency and High-Speed PCB Materials Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Europe High-Frequency and High-Speed PCB Materials Consumption Value by Country (2027-2032) & (USD Million)

Table 123. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2026) & (USD Million)

Table 124. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption

Value by Form (2027-2032) & (USD Million)

Table 125. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption

Value by Application (2021-2026) & (USD Million)

Table 126. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption

Value by Application (2027-2032) & (USD Million)

Table 127. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption

Value by Region (2021-2026) & (USD Million)

Table 128. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption

Value by Region (2027-2032) & (USD Million)

Table 129. South America High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2026) & (USD Million)

Table 130. South America High-Frequency and High-Speed PCB Materials Consumption Value by Form (2027-2032) & (USD Million)

Table 131. South America High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2026) & (USD Million)

Table 132. South America High-Frequency and High-Speed PCB Materials Consumption Value by Application (2027-2032) & (USD Million)

Table 133. South America High-Frequency and High-Speed PCB Materials Consumption Value by Country (2021-2026) & (USD Million)

Table 134. South America High-Frequency and High-Speed PCB Materials Consumption Value by Country (2027-2032) & (USD Million)

Table 135. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Form (2021-2026) & (USD Million)

Table 136. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Form (2027-2032) & (USD Million)

Table 137. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Application (2021-2026) & (USD Million)

Table 138. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Application (2027-2032) & (USD Million)

Table 139. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Country (2021-2026) & (USD Million)

Table 140. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value by Country (2027-2032) & (USD Million)

Table 141. Global Key Players of High-Frequency and High-Speed PCB Materials Upstream (Raw Materials)

Table 142. Global High-Frequency and High-Speed PCB Materials Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. High-Frequency and High-Speed PCB Materials Picture
- Figure 2. Global High-Frequency and High-Speed PCB Materials Consumption Value by Form, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Form in 2025
- Figure 4. Copper Clad Laminate
- Figure 5. Prepreg
- Figure 6. Resin Coated Copper
- Figure 7. Bonding Film
- Figure 8. Global High-Frequency and High-Speed PCB Materials Consumption Value by Specialty Segment, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Specialty Segment in 2025
- Figure 10. Standard High Speed
- Figure 11. Halogen Free High Speed
- Figure 12. PTFE High Frequency
- Figure 13. Hydrocarbon Ceramic High Frequency
- Figure 14. Other High Frequency
- Figure 15. Global High-Frequency and High-Speed PCB Materials Consumption Value by Resin Platform, (USD Million), 2021 & 2025 & 2032
- Figure 16. Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Resin Platform in 2025
- Figure 17. Modified Epoxy
- Figure 18. PPO PPE
- Figure 19. PTFE
- Figure 20. Hydrocarbon Ceramic
- Figure 21. Polyimide & Cyanate Ester
- Figure 22. Global High-Frequency and High-Speed PCB Materials Consumption Value by Reinforcement, (USD Million), 2021 & 2025 & 2032
- Figure 23. Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Reinforcement in 2025
- Figure 24. Glass Woven Fabric
- Figure 25. Glass Nonwoven
- Figure 26. Aramid
- Figure 27. Ceramic Filled

Figure 28. No Reinforcement

Figure 29. Global High-Frequency and High-Speed PCB Materials Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 30. High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Application in 2025

Figure 31. Data Center and Cloud Computing Picture

Figure 32. Wired Telecommunications Infrastructure Picture

Figure 33. Mobile Devices and Consumer Electronics Picture

Figure 34. Automotive Electronics Picture

Figure 35. Aerospace Defense Picture

Figure 36. Other Industrial Applications Picture

Figure 37. Global High-Frequency and High-Speed PCB Materials Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 38. Global High-Frequency and High-Speed PCB Materials Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 39. Global Market High-Frequency and High-Speed PCB Materials Consumption Value (USD Million) Comparison by Region (2021 VS 2025 VS 2032)

Figure 40. Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Region (2021-2032)

Figure 41. Global High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Region in 2025

Figure 42. North America High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 43. Europe High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 44. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 45. South America High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 46. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 47. Company Three Recent Developments and Future Plans

Figure 48. Global High-Frequency and High-Speed PCB Materials Revenue Share by Players in 2025

Figure 49. High-Frequency and High-Speed PCB Materials Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2025

Figure 50. Market Share of High-Frequency and High-Speed PCB Materials by Player Revenue in 2025

Figure 51. Top 3 High-Frequency and High-Speed PCB Materials Players Market Share

in 2025

Figure 52. Top 6 High-Frequency and High-Speed PCB Materials Players Market Share in 2025

Figure 53. Global High-Frequency and High-Speed PCB Materials Consumption Value Share by Form (2021-2026)

Figure 54. Global High-Frequency and High-Speed PCB Materials Market Share Forecast by Form (2027-2032)

Figure 55. Global High-Frequency and High-Speed PCB Materials Consumption Value Share by Application (2021-2026)

Figure 56. Global High-Frequency and High-Speed PCB Materials Market Share Forecast by Application (2027-2032)

Figure 57. North America High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Form (2021-2032)

Figure 58. North America High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Application (2021-2032)

Figure 59. North America High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Country (2021-2032)

Figure 60. United States High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 61. Canada High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 62. Mexico High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 63. Europe High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Form (2021-2032)

Figure 64. Europe High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Application (2021-2032)

Figure 65. Europe High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Country (2021-2032)

Figure 66. Germany High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 67. France High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 68. United Kingdom High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 69. Russia High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 70. Italy High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 71. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Form (2021-2032)

Figure 72. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Application (2021-2032)

Figure 73. Asia-Pacific High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Region (2021-2032)

Figure 74. China High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 75. Japan High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 76. South Korea High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 77. India High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 78. Southeast Asia High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 79. Australia High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 80. South America High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Form (2021-2032)

Figure 81. South America High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Application (2021-2032)

Figure 82. South America High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Country (2021-2032)

Figure 83. Brazil High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 84. Argentina High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 85. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Form (2021-2032)

Figure 86. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Application (2021-2032)

Figure 87. Middle East & Africa High-Frequency and High-Speed PCB Materials Consumption Value Market Share by Country (2021-2032)

Figure 88. Turkey High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 89. Saudi Arabia High-Frequency and High-Speed PCB Materials Consumption Value (2021-2032) & (USD Million)

Figure 90. UAE High-Frequency and High-Speed PCB Materials Consumption Value

(2021-2032) & (USD Million)

Figure 91. High-Frequency and High-Speed PCB Materials Market Drivers

Figure 92. High-Frequency and High-Speed PCB Materials Market Restraints

Figure 93. High-Frequency and High-Speed PCB Materials Market Trends

Figure 94. Porters Five Forces Analysis

Figure 95. High-Frequency and High-Speed PCB Materials Industrial Chain

Figure 96. Methodology

Figure 97. Research Process and Data Source

I would like to order

Product name: Global High-Frequency and High-Speed PCB Materials Market 2026 by Company, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/H52A61423B48EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H52A61423B48EN.html>