

# Global High Performance Rigid PCB Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

The global High Performance Rigid PCB market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

High Performance Rigid PCB refers to a type of printed circuit board (PCB) that is designed and manufactured to meet specific requirements for high-performance applications. It is a rigid board made of insulating material, typically fiberglass-reinforced epoxy laminate, with conductive copper traces and components mounted on its surface. The term 'high performance' typically implies that the PCB is designed to meet or exceed stringent performance criteria, such as high-speed signaling, high-frequency applications, high power handling, and advanced technology requirements. These PCBs are commonly used in industries such as telecommunications, aerospace, defense, industrial automation, medical devices, and automotive electronics. High-performance rigid PCBs are designed with advanced materials, precise manufacturing techniques, and tight tolerances to ensure reliable signal integrity, minimal loss, high thermal management, and resistance to environmental factors. They may incorporate special features like controlled impedance, impedance matching, fine-line traces, high layer count, blind and buried vias, and specialized surface finishes.

This report studies the global High Performance Rigid PCB production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Performance Rigid PCB, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of High Performance Rigid PCB that contribute to its increasing demand across many markets.



Highlights and key features of the study

Global High Performance Rigid PCB total production and demand, 2018-2029, (K Sqm)

Global High Performance Rigid PCB total production value, 2018-2029, (USD Million)

Global High Performance Rigid PCB production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Sqm)

Global High Performance Rigid PCB consumption by region & country, CAGR, 2018-2029 & (K Sqm)

U.S. VS China: High Performance Rigid PCB domestic production, consumption, key domestic manufacturers and share

Global High Performance Rigid PCB production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Sqm)

Global High Performance Rigid PCB production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Sqm)

Global High Performance Rigid PCB production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Sqm).

This reports profiles key players in the global High Performance Rigid PCB market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ibiden Co., Ltd, PCBMay, TTM Technologies, Unimicron Technology Corp, Tripod Technology Corporation, AT&S, SEMIKRON, Kinwong and AVARY HOLDING, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High Performance Rigid PCB market.

Detailed Segmentation:



Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sqm) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global High Performance Rigid PCB Market, By Region:

United States
China
Europe
Japan
South Korea
ASEAN
India
Rest of World

Global High Performance Rigid PCB Market, Segmentation by Type

Single-layer

Double-layer

Multi-layer

Global High Performance Rigid PCB Market, Segmentation by Application

Aerospace



#### **Consumer Electronics**

Automobile

Communications

Medical

Industrial

Others

**Companies Profiled:** 

Ibiden Co., Ltd

**PCBMay** 

**TTM Technologies** 

Unimicron Technology Corp

Tripod Technology Corporation

AT&S

SEMIKRON

Kinwong

#### AVARY HOLDING

HannStar Board

Shennan Circuits Co., Ltd.

Wus Printed Circuit (Kunshan) Co.,Ltd



Nanya PCB

Key Questions Answered

- 1. How big is the global High Performance Rigid PCB market?
- 2. What is the demand of the global High Performance Rigid PCB market?
- 3. What is the year over year growth of the global High Performance Rigid PCB market?

4. What is the production and production value of the global High Performance Rigid PCB market?

5. Who are the key producers in the global High Performance Rigid PCB market?

6. What are the growth factors driving the market demand?



# Contents

#### **1 SUPPLY SUMMARY**

- 1.1 High Performance Rigid PCB Introduction
- 1.2 World High Performance Rigid PCB Supply & Forecast
- 1.2.1 World High Performance Rigid PCB Production Value (2018 & 2022 & 2029)
- 1.2.2 World High Performance Rigid PCB Production (2018-2029)
- 1.2.3 World High Performance Rigid PCB Pricing Trends (2018-2029)

1.3 World High Performance Rigid PCB Production by Region (Based on Production Site)

- 1.3.1 World High Performance Rigid PCB Production Value by Region (2018-2029)
- 1.3.2 World High Performance Rigid PCB Production by Region (2018-2029)
- 1.3.3 World High Performance Rigid PCB Average Price by Region (2018-2029)
- 1.3.4 North America High Performance Rigid PCB Production (2018-2029)
- 1.3.5 Europe High Performance Rigid PCB Production (2018-2029)
- 1.3.6 China High Performance Rigid PCB Production (2018-2029)
- 1.3.7 Japan High Performance Rigid PCB Production (2018-2029)
- 1.3.8 China Taiwan High Performance Rigid PCB Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
- 1.4.1 High Performance Rigid PCB Market Drivers
- 1.4.2 Factors Affecting Demand
- 1.4.3 High Performance Rigid PCB Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

#### 2 DEMAND SUMMARY

- 2.1 World High Performance Rigid PCB Demand (2018-2029)
- 2.2 World High Performance Rigid PCB Consumption by Region
- 2.2.1 World High Performance Rigid PCB Consumption by Region (2018-2023)

2.2.2 World High Performance Rigid PCB Consumption Forecast by Region (2024-2029)

- 2.3 United States High Performance Rigid PCB Consumption (2018-2029)
- 2.4 China High Performance Rigid PCB Consumption (2018-2029)
- 2.5 Europe High Performance Rigid PCB Consumption (2018-2029)
- 2.6 Japan High Performance Rigid PCB Consumption (2018-2029)
- 2.7 South Korea High Performance Rigid PCB Consumption (2018-2029)



2.8 ASEAN High Performance Rigid PCB Consumption (2018-2029)2.9 India High Performance Rigid PCB Consumption (2018-2029)

## 3 WORLD HIGH PERFORMANCE RIGID PCB MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World High Performance Rigid PCB Production Value by Manufacturer (2018-2023)
- 3.2 World High Performance Rigid PCB Production by Manufacturer (2018-2023)
- 3.3 World High Performance Rigid PCB Average Price by Manufacturer (2018-2023)
- 3.4 High Performance Rigid PCB Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
- 3.5.1 Global High Performance Rigid PCB Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for High Performance Rigid PCB in 2022
- 3.5.3 Global Concentration Ratios (CR8) for High Performance Rigid PCB in 2022
- 3.6 High Performance Rigid PCB Market: Overall Company Footprint Analysis
- 3.6.1 High Performance Rigid PCB Market: Region Footprint
- 3.6.2 High Performance Rigid PCB Market: Company Product Type Footprint
- 3.6.3 High Performance Rigid PCB Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
- 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## 4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: High Performance Rigid PCB Production Value Comparison

4.1.1 United States VS China: High Performance Rigid PCB Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: High Performance Rigid PCB Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: High Performance Rigid PCB Production Comparison

4.2.1 United States VS China: High Performance Rigid PCB Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: High Performance Rigid PCB Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: High Performance Rigid PCB Consumption Comparison



4.3.1 United States VS China: High Performance Rigid PCB Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: High Performance Rigid PCB Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based High Performance Rigid PCB Manufacturers and Market Share, 2018-2023

4.4.1 United States Based High Performance Rigid PCB Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers High Performance Rigid PCB Production Value (2018-2023)

4.4.3 United States Based Manufacturers High Performance Rigid PCB Production (2018-2023)

4.5 China Based High Performance Rigid PCB Manufacturers and Market Share

4.5.1 China Based High Performance Rigid PCB Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers High Performance Rigid PCB Production Value (2018-2023)

4.5.3 China Based Manufacturers High Performance Rigid PCB Production (2018-2023)

4.6 Rest of World Based High Performance Rigid PCB Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based High Performance Rigid PCB Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers High Performance Rigid PCB Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers High Performance Rigid PCB Production (2018-2023)

#### **5 MARKET ANALYSIS BY TYPE**

5.1 World High Performance Rigid PCB Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Single-layer

5.2.2 Double-layer

5.2.3 Multi-layer

5.3 Market Segment by Type

5.3.1 World High Performance Rigid PCB Production by Type (2018-2029)

5.3.2 World High Performance Rigid PCB Production Value by Type (2018-2029)



5.3.3 World High Performance Rigid PCB Average Price by Type (2018-2029)

#### **6 MARKET ANALYSIS BY APPLICATION**

6.1 World High Performance Rigid PCB Market Size Overview by Application: 2018 VS 2022 VS 2029

- 6.2 Segment Introduction by Application
  - 6.2.1 Aerospace
  - 6.2.2 Consumer Electronics
  - 6.2.3 Automobile
  - 6.2.4 Communications
  - 6.2.5 Medical
  - 6.2.6 Industrial
  - 6.2.7 Others
- 6.3 Market Segment by Application
  - 6.3.1 World High Performance Rigid PCB Production by Application (2018-2029)

6.3.2 World High Performance Rigid PCB Production Value by Application

(2018-2029)

6.3.3 World High Performance Rigid PCB Average Price by Application (2018-2029)

#### **7 COMPANY PROFILES**

- 7.1 Ibiden Co., Ltd
  - 7.1.1 Ibiden Co., Ltd Details
  - 7.1.2 Ibiden Co., Ltd Major Business
  - 7.1.3 Ibiden Co., Ltd High Performance Rigid PCB Product and Services
- 7.1.4 Ibiden Co., Ltd High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Ibiden Co., Ltd Recent Developments/Updates
- 7.1.6 Ibiden Co., Ltd Competitive Strengths & Weaknesses

7.2 PCBMay

- 7.2.1 PCBMay Details
- 7.2.2 PCBMay Major Business
- 7.2.3 PCBMay High Performance Rigid PCB Product and Services

7.2.4 PCBMay High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.2.5 PCBMay Recent Developments/Updates
- 7.2.6 PCBMay Competitive Strengths & Weaknesses

7.3 TTM Technologies



7.3.1 TTM Technologies Details

7.3.2 TTM Technologies Major Business

7.3.3 TTM Technologies High Performance Rigid PCB Product and Services

7.3.4 TTM Technologies High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 TTM Technologies Recent Developments/Updates

7.3.6 TTM Technologies Competitive Strengths & Weaknesses

7.4 Unimicron Technology Corp

7.4.1 Unimicron Technology Corp Details

7.4.2 Unimicron Technology Corp Major Business

7.4.3 Unimicron Technology Corp High Performance Rigid PCB Product and Services

7.4.4 Unimicron Technology Corp High Performance Rigid PCB Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.4.5 Unimicron Technology Corp Recent Developments/Updates

7.4.6 Unimicron Technology Corp Competitive Strengths & Weaknesses

7.5 Tripod Technology Corporation

7.5.1 Tripod Technology Corporation Details

7.5.2 Tripod Technology Corporation Major Business

7.5.3 Tripod Technology Corporation High Performance Rigid PCB Product and Services

7.5.4 Tripod Technology Corporation High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Tripod Technology Corporation Recent Developments/Updates

7.5.6 Tripod Technology Corporation Competitive Strengths & Weaknesses

7.6 AT&S

7.6.1 AT&S Details

7.6.2 AT&S Major Business

7.6.3 AT&S High Performance Rigid PCB Product and Services

7.6.4 AT&S High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 AT&S Recent Developments/Updates

7.6.6 AT&S Competitive Strengths & Weaknesses

7.7 SEMIKRON

7.7.1 SEMIKRON Details

7.7.2 SEMIKRON Major Business

7.7.3 SEMIKRON High Performance Rigid PCB Product and Services

7.7.4 SEMIKRON High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 SEMIKRON Recent Developments/Updates



7.7.6 SEMIKRON Competitive Strengths & Weaknesses

7.8 Kinwong

7.8.1 Kinwong Details

7.8.2 Kinwong Major Business

7.8.3 Kinwong High Performance Rigid PCB Product and Services

7.8.4 Kinwong High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Kinwong Recent Developments/Updates

7.8.6 Kinwong Competitive Strengths & Weaknesses

7.9 AVARY HOLDING

7.9.1 AVARY HOLDING Details

7.9.2 AVARY HOLDING Major Business

7.9.3 AVARY HOLDING High Performance Rigid PCB Product and Services

7.9.4 AVARY HOLDING High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 AVARY HOLDING Recent Developments/Updates

7.9.6 AVARY HOLDING Competitive Strengths & Weaknesses

7.10 HannStar Board

7.10.1 HannStar Board Details

7.10.2 HannStar Board Major Business

7.10.3 HannStar Board High Performance Rigid PCB Product and Services

7.10.4 HannStar Board High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 HannStar Board Recent Developments/Updates

7.10.6 HannStar Board Competitive Strengths & Weaknesses

7.11 Shennan Circuits Co., Ltd.

7.11.1 Shennan Circuits Co., Ltd. Details

7.11.2 Shennan Circuits Co., Ltd. Major Business

7.11.3 Shennan Circuits Co., Ltd. High Performance Rigid PCB Product and Services

7.11.4 Shennan Circuits Co., Ltd. High Performance Rigid PCB Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.11.5 Shennan Circuits Co., Ltd. Recent Developments/Updates

7.11.6 Shennan Circuits Co., Ltd. Competitive Strengths & Weaknesses

7.12 Wus Printed Circuit (Kunshan) Co.,Ltd

7.12.1 Wus Printed Circuit (Kunshan) Co., Ltd Details

7.12.2 Wus Printed Circuit (Kunshan) Co., Ltd Major Business

7.12.3 Wus Printed Circuit (Kunshan) Co.,Ltd High Performance Rigid PCB Product and Services

7.12.4 Wus Printed Circuit (Kunshan) Co., Ltd High Performance Rigid PCB



Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Wus Printed Circuit (Kunshan) Co.,Ltd Recent Developments/Updates

7.12.6 Wus Printed Circuit (Kunshan) Co., Ltd Competitive Strengths & Weaknesses

7.13 Nanya PCB

7.13.1 Nanya PCB Details

7.13.2 Nanya PCB Major Business

7.13.3 Nanya PCB High Performance Rigid PCB Product and Services

7.13.4 Nanya PCB High Performance Rigid PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Nanya PCB Recent Developments/Updates

7.13.6 Nanya PCB Competitive Strengths & Weaknesses

#### **8 INDUSTRY CHAIN ANALYSIS**

8.1 High Performance Rigid PCB Industry Chain

- 8.2 High Performance Rigid PCB Upstream Analysis
- 8.2.1 High Performance Rigid PCB Core Raw Materials
- 8.2.2 Main Manufacturers of High Performance Rigid PCB Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 High Performance Rigid PCB Production Mode
- 8.6 High Performance Rigid PCB Procurement Model
- 8.7 High Performance Rigid PCB Industry Sales Model and Sales Channels
- 8.7.1 High Performance Rigid PCB Sales Model
- 8.7.2 High Performance Rigid PCB Typical Customers

#### 9 RESEARCH FINDINGS AND CONCLUSION

#### **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



# **List Of Tables**

### LIST OF TABLES

Table 1. World High Performance Rigid PCB Production Value by Region (2018, 2022) and 2029) & (USD Million) Table 2. World High Performance Rigid PCB Production Value by Region (2018-2023) & (USD Million) Table 3. World High Performance Rigid PCB Production Value by Region (2024-2029) & (USD Million) Table 4. World High Performance Rigid PCB Production Value Market Share by Region (2018 - 2023)Table 5. World High Performance Rigid PCB Production Value Market Share by Region (2024-2029)Table 6. World High Performance Rigid PCB Production by Region (2018-2023) & (K Sqm) Table 7. World High Performance Rigid PCB Production by Region (2024-2029) & (K Sqm) Table 8. World High Performance Rigid PCB Production Market Share by Region (2018-2023)Table 9. World High Performance Rigid PCB Production Market Share by Region (2024-2029)Table 10. World High Performance Rigid PCB Average Price by Region (2018-2023) & (US\$/Sqm) Table 11. World High Performance Rigid PCB Average Price by Region (2024-2029) & (US\$/Sqm) Table 12. High Performance Rigid PCB Major Market Trends Table 13. World High Performance Rigid PCB Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Sqm) Table 14. World High Performance Rigid PCB Consumption by Region (2018-2023) & (K Sqm) Table 15. World High Performance Rigid PCB Consumption Forecast by Region (2024-2029) & (K Sqm) Table 16. World High Performance Rigid PCB Production Value by Manufacturer (2018-2023) & (USD Million) Table 17. Production Value Market Share of Key High Performance Rigid PCB Producers in 2022 Table 18. World High Performance Rigid PCB Production by Manufacturer (2018-2023) & (K Sqm)



Table 19. Production Market Share of Key High Performance Rigid PCB Producers in2022

Table 20. World High Performance Rigid PCB Average Price by Manufacturer (2018-2023) & (US\$/Sqm)

Table 21. Global High Performance Rigid PCB Company Evaluation Quadrant

Table 22. World High Performance Rigid PCB Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and High Performance Rigid PCB Production Site of Key Manufacturer

 Table 24. High Performance Rigid PCB Market: Company Product Type Footprint

Table 25. High Performance Rigid PCB Market: Company Product Application Footprint

Table 26. High Performance Rigid PCB Competitive Factors

Table 27. High Performance Rigid PCB New Entrant and Capacity Expansion Plans

Table 28. High Performance Rigid PCB Mergers & Acquisitions Activity

Table 29. United States VS China High Performance Rigid PCB Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China High Performance Rigid PCB Production Comparison, (2018 & 2022 & 2029) & (K Sqm)

Table 31. United States VS China High Performance Rigid PCB Consumption

Comparison, (2018 & 2022 & 2029) & (K Sqm)

Table 32. United States Based High Performance Rigid PCB Manufacturers,

Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers High Performance Rigid PCB Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers High Performance Rigid PCB Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers High Performance Rigid PCB Production (2018-2023) & (K Sqm)

Table 36. United States Based Manufacturers High Performance Rigid PCB Production Market Share (2018-2023)

Table 37. China Based High Performance Rigid PCB Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers High Performance Rigid PCB Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers High Performance Rigid PCB Production ValueMarket Share (2018-2023)

Table 40. China Based Manufacturers High Performance Rigid PCB Production(2018-2023) & (K Sqm)

Table 41. China Based Manufacturers High Performance Rigid PCB Production Market



Share (2018-2023)

Table 42. Rest of World Based High Performance Rigid PCB Manufacturers,

Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers High Performance Rigid PCB Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers High Performance Rigid PCB Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers High Performance Rigid PCB Production (2018-2023) & (K Sqm)

Table 46. Rest of World Based Manufacturers High Performance Rigid PCB Production Market Share (2018-2023)

Table 47. World High Performance Rigid PCB Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World High Performance Rigid PCB Production by Type (2018-2023) & (K Sqm)

Table 49. World High Performance Rigid PCB Production by Type (2024-2029) & (K Sqm)

Table 50. World High Performance Rigid PCB Production Value by Type (2018-2023) & (USD Million)

Table 51. World High Performance Rigid PCB Production Value by Type (2024-2029) & (USD Million)

Table 52. World High Performance Rigid PCB Average Price by Type (2018-2023) & (US\$/Sqm)

Table 53. World High Performance Rigid PCB Average Price by Type (2024-2029) & (US\$/Sqm)

Table 54. World High Performance Rigid PCB Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World High Performance Rigid PCB Production by Application (2018-2023) & (K Sqm)

Table 56. World High Performance Rigid PCB Production by Application (2024-2029) & (K Sqm)

Table 57. World High Performance Rigid PCB Production Value by Application (2018-2023) & (USD Million)

Table 58. World High Performance Rigid PCB Production Value by Application(2024-2029) & (USD Million)

Table 59. World High Performance Rigid PCB Average Price by Application (2018-2023) & (US\$/Sqm)

Table 60. World High Performance Rigid PCB Average Price by Application (2024-2029) & (US\$/Sqm)



Table 61. Ibiden Co., Ltd Basic Information, Manufacturing Base and CompetitorsTable 62. Ibiden Co., Ltd Major Business

Table 63. Ibiden Co., Ltd High Performance Rigid PCB Product and Services

Table 64. Ibiden Co., Ltd High Performance Rigid PCB Production (K Sqm), Price

(US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Ibiden Co., Ltd Recent Developments/Updates

Table 66. Ibiden Co., Ltd Competitive Strengths & Weaknesses

Table 67. PCBMay Basic Information, Manufacturing Base and Competitors

Table 68. PCBMay Major Business

Table 69. PCBMay High Performance Rigid PCB Product and Services

Table 70. PCBMay High Performance Rigid PCB Production (K Sqm), Price (US\$/Sqm),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. PCBMay Recent Developments/Updates

Table 72. PCBMay Competitive Strengths & Weaknesses

Table 73. TTM Technologies Basic Information, Manufacturing Base and Competitors

Table 74. TTM Technologies Major Business

Table 75. TTM Technologies High Performance Rigid PCB Product and Services

Table 76. TTM Technologies High Performance Rigid PCB Production (K Sqm), Price

(US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. TTM Technologies Recent Developments/Updates

Table 78. TTM Technologies Competitive Strengths & Weaknesses

Table 79. Unimicron Technology Corp Basic Information, Manufacturing Base and Competitors

Table 80. Unimicron Technology Corp Major Business

Table 81. Unimicron Technology Corp High Performance Rigid PCB Product and Services

Table 82. Unimicron Technology Corp High Performance Rigid PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Unimicron Technology Corp Recent Developments/Updates

Table 84. Unimicron Technology Corp Competitive Strengths & Weaknesses

Table 85. Tripod Technology Corporation Basic Information, Manufacturing Base and Competitors

Table 86. Tripod Technology Corporation Major Business

Table 87. Tripod Technology Corporation High Performance Rigid PCB Product and Services

Table 88. Tripod Technology Corporation High Performance Rigid PCB Production (K



Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Tripod Technology Corporation Recent Developments/Updates

Table 90. Tripod Technology Corporation Competitive Strengths & Weaknesses

Table 91. AT&S Basic Information, Manufacturing Base and Competitors

Table 92. AT&S Major Business

Table 93. AT&S High Performance Rigid PCB Product and Services

Table 94. AT&S High Performance Rigid PCB Production (K Sqm), Price (US\$/Sqm),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. AT&S Recent Developments/Updates

Table 96. AT&S Competitive Strengths & Weaknesses

Table 97. SEMIKRON Basic Information, Manufacturing Base and CompetitorsTable 98. SEMIKRON Major Business

Table 99. SEMIKRON High Performance Rigid PCB Product and Services Table 100. SEMIKRON High Performance Rigid PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 101. SEMIKRON Recent Developments/Updates

Table 102. SEMIKRON Competitive Strengths & Weaknesses

Table 103. Kinwong Basic Information, Manufacturing Base and Competitors

Table 104. Kinwong Major Business

Table 105. Kinwong High Performance Rigid PCB Product and Services

Table 106. Kinwong High Performance Rigid PCB Production (K Sqm), Price

(US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Kinwong Recent Developments/Updates

Table 108. Kinwong Competitive Strengths & Weaknesses

Table 109. AVARY HOLDING Basic Information, Manufacturing Base and Competitors Table 110. AVARY HOLDING Major Business

Table 111. AVARY HOLDING High Performance Rigid PCB Product and Services

Table 112. AVARY HOLDING High Performance Rigid PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 113. AVARY HOLDING Recent Developments/Updates

Table 114. AVARY HOLDING Competitive Strengths & Weaknesses

Table 115. HannStar Board Basic Information, Manufacturing Base and Competitors

Table 116. HannStar Board Major Business

Table 117. HannStar Board High Performance Rigid PCB Product and Services

Table 118. HannStar Board High Performance Rigid PCB Production (K Sqm), Price



(US\$/Sgm), Production Value (USD Million), Gross Margin and Market Share (2018 - 2023)Table 119. HannStar Board Recent Developments/Updates Table 120. HannStar Board Competitive Strengths & Weaknesses Table 121. Shennan Circuits Co., Ltd. Basic Information, Manufacturing Base and Competitors Table 122. Shennan Circuits Co., Ltd. Major Business Table 123. Shennan Circuits Co., Ltd. High Performance Rigid PCB Product and Services Table 124. Shennan Circuits Co., Ltd. High Performance Rigid PCB Production (K Sgm), Price (US\$/Sgm), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 125. Shennan Circuits Co., Ltd. Recent Developments/Updates Table 126. Shennan Circuits Co., Ltd. Competitive Strengths & Weaknesses Table 127. Wus Printed Circuit (Kunshan) Co., Ltd Basic Information, Manufacturing **Base and Competitors** Table 128. Wus Printed Circuit (Kunshan) Co., Ltd Major Business Table 129. Wus Printed Circuit (Kunshan) Co., Ltd High Performance Rigid PCB Product and Services Table 130. Wus Printed Circuit (Kunshan) Co., Ltd High Performance Rigid PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023) Table 131. Wus Printed Circuit (Kunshan) Co., Ltd Recent Developments/Updates Table 132. Nanya PCB Basic Information, Manufacturing Base and Competitors Table 133. Nanya PCB Major Business Table 134. Nanya PCB High Performance Rigid PCB Product and Services Table 135. Nanya PCB High Performance Rigid PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018 - 2023)Table 136. Global Key Players of High Performance Rigid PCB Upstream (Raw Materials) Table 137. High Performance Rigid PCB Typical Customers Table 138. High Performance Rigid PCB Typical Distributors List of Figure Figure 1. High Performance Rigid PCB Picture Figure 2. World High Performance Rigid PCB Production Value: 2018 & 2022 & 2029, (USD Million) Figure 3. World High Performance Rigid PCB Production Value and Forecast (2018-2029) & (USD Million)



Figure 4. World High Performance Rigid PCB Production (2018-2029) & (K Sqm) Figure 5. World High Performance Rigid PCB Average Price (2018-2029) & (US\$/Sqm) Figure 6. World High Performance Rigid PCB Production Value Market Share by Region (2018-2029)

Figure 7. World High Performance Rigid PCB Production Market Share by Region (2018-2029)

Figure 8. North America High Performance Rigid PCB Production (2018-2029) & (K Sqm)

Figure 9. Europe High Performance Rigid PCB Production (2018-2029) & (K Sqm)

Figure 10. China High Performance Rigid PCB Production (2018-2029) & (K Sqm)

Figure 11. Japan High Performance Rigid PCB Production (2018-2029) & (K Sqm)

Figure 12. China Taiwan High Performance Rigid PCB Production (2018-2029) & (K Sqm)

Figure 13. High Performance Rigid PCB Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World High Performance Rigid PCB Consumption (2018-2029) & (K Sqm)

Figure 16. World High Performance Rigid PCB Consumption Market Share by Region (2018-2029)

Figure 17. United States High Performance Rigid PCB Consumption (2018-2029) & (K Sqm)

Figure 18. China High Performance Rigid PCB Consumption (2018-2029) & (K Sqm)

Figure 19. Europe High Performance Rigid PCB Consumption (2018-2029) & (K Sqm)

Figure 20. Japan High Performance Rigid PCB Consumption (2018-2029) & (K Sqm)

Figure 21. South Korea High Performance Rigid PCB Consumption (2018-2029) & (K Sqm)

- Figure 22. ASEAN High Performance Rigid PCB Consumption (2018-2029) & (K Sqm)
- Figure 23. India High Performance Rigid PCB Consumption (2018-2029) & (K Sqm)

Figure 24. Producer Shipments of High Performance Rigid PCB by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for High Performance Rigid PCB Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for High Performance Rigid PCB Markets in 2022

Figure 27. United States VS China: High Performance Rigid PCB Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: High Performance Rigid PCB Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: High Performance Rigid PCB Consumption Market Share Comparison (2018 & 2022 & 2029)



Figure 30. United States Based Manufacturers High Performance Rigid PCB Production Market Share 2022

Figure 31. China Based Manufacturers High Performance Rigid PCB Production Market Share 2022

Figure 32. Rest of World Based Manufacturers High Performance Rigid PCB Production Market Share 2022

Figure 33. World High Performance Rigid PCB Production Value by Type, (USD

Million), 2018 & 2022 & 2029

Figure 34. World High Performance Rigid PCB Production Value Market Share by Type in 2022

Figure 35. Single-layer

Figure 36. Double-layer

Figure 37. Multi-layer

Figure 38. World High Performance Rigid PCB Production Market Share by Type (2018-2029)

Figure 39. World High Performance Rigid PCB Production Value Market Share by Type (2018-2029)

Figure 40. World High Performance Rigid PCB Average Price by Type (2018-2029) & (US\$/Sqm)

Figure 41. World High Performance Rigid PCB Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World High Performance Rigid PCB Production Value Market Share by Application in 2022

Figure 43. Aerospace

- Figure 44. Consumer Electronics
- Figure 45. Automobile
- Figure 46. Communications
- Figure 47. Medical
- Figure 48. Industrial
- Figure 49. Others

Figure 50. World High Performance Rigid PCB Production Market Share by Application (2018-2029)

Figure 51. World High Performance Rigid PCB Production Value Market Share by Application (2018-2029)

Figure 52. World High Performance Rigid PCB Average Price by Application

(2018-2029) & (US\$/Sqm)

Figure 53. High Performance Rigid PCB Industry Chain

Figure 54. High Performance Rigid PCB Procurement Model

Figure 55. High Performance Rigid PCB Sales Model



Figure 56. High Performance Rigid PCB Sales Channels, Direct Sales, and Distribution

Figure 57. Methodology

Figure 58. Research Process and Data Source



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