

Global Multi-Layer High-Frequency PCB Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G4921FD85EE4EN.html>

Date: November 2023

Pages: 122

Price: US\$ 4,480.00 (Single User License)

ID: G4921FD85EE4EN

Abstracts

The global Multi-Layer High-Frequency PCB market size is expected to reach \$ 2756.8 million by 2029, rising at a market growth of 7.3% CAGR during the forecast period (2023-2029).

High frequency, signals with a frequency band to be at least 300MHz (equivalent to wavelength no more than 1m), can be further classified into medium frequency (MF) and very high frequency (VHF) according to different wavelengths. Multilayer PCBs (Printed Circuit Boards) are a sophisticated evolution of traditional single-sided and double-sided PCBs. These advanced circuit boards consist of multiple layers of conductive material, separated by insulating layers (dielectrics), all interconnected to create complex electronic circuits. Multilayer PCBs offer several significant advantages compared to their simpler counterparts, making them integral to modern electronics.

This report studies the global Multi-Layer High-Frequency PCB production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Multi-Layer High-Frequency 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 Multi-Layer High-Frequency PCB that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Multi-Layer High-Frequency PCB total production and demand, 2018-2029, (K Sqm)

Global Multi-Layer High-Frequency PCB total production value, 2018-2029, (USD Million)

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

Global Multi-Layer High-Frequency PCB consumption by region & country, CAGR, 2018-2029 & (K Sqm)

U.S. VS China: Multi-Layer High-Frequency PCB domestic production, consumption, key domestic manufacturers and share

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

Global Multi-Layer High-Frequency PCB production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Sqm)

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

This reports profiles key players in the global Multi-Layer High-Frequency 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 Rogers, Taconic, Arlon, Hitach, Nelco, Epec, Isola, Sytech and ATand S, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Multi-Layer High-Frequency 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 Multi-Layer High-Frequency PCB Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Multi-Layer High-Frequency PCB Market, Segmentation by Type

Medium Frequency (MF)

Very High Frequency (VHF)

Global Multi-Layer High-Frequency PCB Market, Segmentation by Application

Communication

Consumer Electronics

Automobile

Medical

Industrial

Aerospace

Others

Companies Profiled:

Rogers

Taconic

Arlon

Hitach

Nelco

Epec

Isola

Sytech

ATand S

TTM Technologies

San Francisco Circuits

Millennium Circuits

Cirexx

Key Questions Answered

1. How big is the global Multi-Layer High-Frequency PCB market?

Global Multi-Layer High-Frequency PCB Supply, Demand and Key Producers, 2023-2029

2. What is the demand of the global Multi-Layer High-Frequency PCB market?
3. What is the year over year growth of the global Multi-Layer High-Frequency PCB market?
4. What is the production and production value of the global Multi-Layer High-Frequency PCB market?
5. Who are the key producers in the global Multi-Layer High-Frequency PCB market?

Contents

1 SUPPLY SUMMARY

- 1.1 Multi-Layer High-Frequency PCB Introduction
- 1.2 World Multi-Layer High-Frequency PCB Supply & Forecast
 - 1.2.1 World Multi-Layer High-Frequency PCB Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Multi-Layer High-Frequency PCB Production (2018-2029)
 - 1.2.3 World Multi-Layer High-Frequency PCB Pricing Trends (2018-2029)
- 1.3 World Multi-Layer High-Frequency PCB Production by Region (Based on Production Site)
 - 1.3.1 World Multi-Layer High-Frequency PCB Production Value by Region (2018-2029)
 - 1.3.2 World Multi-Layer High-Frequency PCB Production by Region (2018-2029)
 - 1.3.3 World Multi-Layer High-Frequency PCB Average Price by Region (2018-2029)
 - 1.3.4 North America Multi-Layer High-Frequency PCB Production (2018-2029)
 - 1.3.5 Europe Multi-Layer High-Frequency PCB Production (2018-2029)
 - 1.3.6 China Multi-Layer High-Frequency PCB Production (2018-2029)
 - 1.3.7 Japan Multi-Layer High-Frequency PCB Production (2018-2029)
 - 1.3.8 South Korea Multi-Layer High-Frequency PCB Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Multi-Layer High-Frequency PCB Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Multi-Layer High-Frequency PCB Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Multi-Layer High-Frequency PCB Demand (2018-2029)
- 2.2 World Multi-Layer High-Frequency PCB Consumption by Region
 - 2.2.1 World Multi-Layer High-Frequency PCB Consumption by Region (2018-2023)
 - 2.2.2 World Multi-Layer High-Frequency PCB Consumption Forecast by Region (2024-2029)
- 2.3 United States Multi-Layer High-Frequency PCB Consumption (2018-2029)
- 2.4 China Multi-Layer High-Frequency PCB Consumption (2018-2029)
- 2.5 Europe Multi-Layer High-Frequency PCB Consumption (2018-2029)
- 2.6 Japan Multi-Layer High-Frequency PCB Consumption (2018-2029)
- 2.7 South Korea Multi-Layer High-Frequency PCB Consumption (2018-2029)
- 2.8 ASEAN Multi-Layer High-Frequency PCB Consumption (2018-2029)
- 2.9 India Multi-Layer High-Frequency PCB Consumption (2018-2029)

3 WORLD MULTI-LAYER HIGH-FREQUENCY PCB MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Multi-Layer High-Frequency PCB Production Value by Manufacturer (2018-2023)

3.2 World Multi-Layer High-Frequency PCB Production by Manufacturer (2018-2023)

3.3 World Multi-Layer High-Frequency PCB Average Price by Manufacturer (2018-2023)

3.4 Multi-Layer High-Frequency PCB Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Multi-Layer High-Frequency PCB Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Multi-Layer High-Frequency PCB in 2022

3.5.3 Global Concentration Ratios (CR8) for Multi-Layer High-Frequency PCB in 2022

3.6 Multi-Layer High-Frequency PCB Market: Overall Company Footprint Analysis

3.6.1 Multi-Layer High-Frequency PCB Market: Region Footprint

3.6.2 Multi-Layer High-Frequency PCB Market: Company Product Type Footprint

3.6.3 Multi-Layer High-Frequency 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: Multi-Layer High-Frequency PCB Production Value Comparison

4.1.1 United States VS China: Multi-Layer High-Frequency PCB Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Multi-Layer High-Frequency PCB Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Multi-Layer High-Frequency PCB Production Comparison

4.2.1 United States VS China: Multi-Layer High-Frequency PCB Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Multi-Layer High-Frequency PCB Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Multi-Layer High-Frequency PCB Consumption Comparison

4.3.1 United States VS China: Multi-Layer High-Frequency PCB Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Multi-Layer High-Frequency PCB Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Multi-Layer High-Frequency PCB Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Multi-Layer High-Frequency PCB Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Multi-Layer High-Frequency PCB Production Value (2018-2023)

4.4.3 United States Based Manufacturers Multi-Layer High-Frequency PCB Production (2018-2023)

4.5 China Based Multi-Layer High-Frequency PCB Manufacturers and Market Share

4.5.1 China Based Multi-Layer High-Frequency PCB Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Multi-Layer High-Frequency PCB Production Value (2018-2023)

4.5.3 China Based Manufacturers Multi-Layer High-Frequency PCB Production (2018-2023)

4.6 Rest of World Based Multi-Layer High-Frequency PCB Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Multi-Layer High-Frequency PCB Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Multi-Layer High-Frequency PCB Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Multi-Layer High-Frequency PCB Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Multi-Layer High-Frequency PCB Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Medium Frequency (MF)

5.2.2 Very High Frequency (VHF)

5.3 Market Segment by Type

5.3.1 World Multi-Layer High-Frequency PCB Production by Type (2018-2029)

5.3.2 World Multi-Layer High-Frequency PCB Production Value by Type (2018-2029)

5.3.3 World Multi-Layer High-Frequency PCB Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Multi-Layer High-Frequency PCB Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Communication

6.2.2 Consumer Electronics

6.2.3 Automobile

6.2.4 Medical

6.2.5 Industrial

6.2.6 Aerospace

6.2.7 Others

6.3 Market Segment by Application

6.3.1 World Multi-Layer High-Frequency PCB Production by Application (2018-2029)

6.3.2 World Multi-Layer High-Frequency PCB Production Value by Application (2018-2029)

6.3.3 World Multi-Layer High-Frequency PCB Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Rogers

7.1.1 Rogers Details

7.1.2 Rogers Major Business

7.1.3 Rogers Multi-Layer High-Frequency PCB Product and Services

7.1.4 Rogers Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Rogers Recent Developments/Updates

7.1.6 Rogers Competitive Strengths & Weaknesses

7.2 Taconic

7.2.1 Taconic Details

7.2.2 Taconic Major Business

7.2.3 Taconic Multi-Layer High-Frequency PCB Product and Services

7.2.4 Taconic Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Taconic Recent Developments/Updates

7.2.6 Taconic Competitive Strengths & Weaknesses

7.3 Arlon

7.3.1 Arlon Details

7.3.2 Arlon Major Business

7.3.3 Arlon Multi-Layer High-Frequency PCB Product and Services

7.3.4 Arlon Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Arlon Recent Developments/Updates

7.3.6 Arlon Competitive Strengths & Weaknesses

7.4 Hitach

7.4.1 Hitach Details

7.4.2 Hitach Major Business

7.4.3 Hitach Multi-Layer High-Frequency PCB Product and Services

7.4.4 Hitach Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Hitach Recent Developments/Updates

7.4.6 Hitach Competitive Strengths & Weaknesses

7.5 Nelco

7.5.1 Nelco Details

7.5.2 Nelco Major Business

7.5.3 Nelco Multi-Layer High-Frequency PCB Product and Services

7.5.4 Nelco Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Nelco Recent Developments/Updates

7.5.6 Nelco Competitive Strengths & Weaknesses

7.6 Epec

7.6.1 Epec Details

7.6.2 Epec Major Business

7.6.3 Epec Multi-Layer High-Frequency PCB Product and Services

7.6.4 Epec Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Epec Recent Developments/Updates

7.6.6 Epec Competitive Strengths & Weaknesses

7.7 Isola

7.7.1 Isola Details

7.7.2 Isola Major Business

7.7.3 Isola Multi-Layer High-Frequency PCB Product and Services

7.7.4 Isola Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.7.5 Isola Recent Developments/Updates
- 7.7.6 Isola Competitive Strengths & Weaknesses
- 7.8 Sytech
 - 7.8.1 Sytech Details
 - 7.8.2 Sytech Major Business
 - 7.8.3 Sytech Multi-Layer High-Frequency PCB Product and Services
 - 7.8.4 Sytech Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Sytech Recent Developments/Updates
 - 7.8.6 Sytech Competitive Strengths & Weaknesses
- 7.9 ATand S
 - 7.9.1 ATand S Details
 - 7.9.2 ATand S Major Business
 - 7.9.3 ATand S Multi-Layer High-Frequency PCB Product and Services
 - 7.9.4 ATand S Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 ATand S Recent Developments/Updates
 - 7.9.6 ATand S Competitive Strengths & Weaknesses
- 7.10 TTM Technologies
 - 7.10.1 TTM Technologies Details
 - 7.10.2 TTM Technologies Major Business
 - 7.10.3 TTM Technologies Multi-Layer High-Frequency PCB Product and Services
 - 7.10.4 TTM Technologies Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 TTM Technologies Recent Developments/Updates
 - 7.10.6 TTM Technologies Competitive Strengths & Weaknesses
- 7.11 San Francisco Circuits
 - 7.11.1 San Francisco Circuits Details
 - 7.11.2 San Francisco Circuits Major Business
 - 7.11.3 San Francisco Circuits Multi-Layer High-Frequency PCB Product and Services
 - 7.11.4 San Francisco Circuits Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 San Francisco Circuits Recent Developments/Updates
 - 7.11.6 San Francisco Circuits Competitive Strengths & Weaknesses
- 7.12 Millennium Circuits
 - 7.12.1 Millennium Circuits Details
 - 7.12.2 Millennium Circuits Major Business
 - 7.12.3 Millennium Circuits Multi-Layer High-Frequency PCB Product and Services
 - 7.12.4 Millennium Circuits Multi-Layer High-Frequency PCB Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.12.5 Millennium Circuits Recent Developments/Updates

7.12.6 Millennium Circuits Competitive Strengths & Weaknesses

7.13 Cirexx

7.13.1 Cirexx Details

7.13.2 Cirexx Major Business

7.13.3 Cirexx Multi-Layer High-Frequency PCB Product and Services

7.13.4 Cirexx Multi-Layer High-Frequency PCB Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Cirexx Recent Developments/Updates

7.13.6 Cirexx Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Multi-Layer High-Frequency PCB Industry Chain

8.2 Multi-Layer High-Frequency PCB Upstream Analysis

8.2.1 Multi-Layer High-Frequency PCB Core Raw Materials

8.2.2 Main Manufacturers of Multi-Layer High-Frequency PCB Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Multi-Layer High-Frequency PCB Production Mode

8.6 Multi-Layer High-Frequency PCB Procurement Model

8.7 Multi-Layer High-Frequency PCB Industry Sales Model and Sales Channels

8.7.1 Multi-Layer High-Frequency PCB Sales Model

8.7.2 Multi-Layer High-Frequency 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 Multi-Layer High-Frequency PCB Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Multi-Layer High-Frequency PCB Production Value by Region (2018-2023) & (USD Million)

Table 3. World Multi-Layer High-Frequency PCB Production Value by Region (2024-2029) & (USD Million)

Table 4. World Multi-Layer High-Frequency PCB Production Value Market Share by Region (2018-2023)

Table 5. World Multi-Layer High-Frequency PCB Production Value Market Share by Region (2024-2029)

Table 6. World Multi-Layer High-Frequency PCB Production by Region (2018-2023) & (K Sqm)

Table 7. World Multi-Layer High-Frequency PCB Production by Region (2024-2029) & (K Sqm)

Table 8. World Multi-Layer High-Frequency PCB Production Market Share by Region (2018-2023)

Table 9. World Multi-Layer High-Frequency PCB Production Market Share by Region (2024-2029)

Table 10. World Multi-Layer High-Frequency PCB Average Price by Region (2018-2023) & (US\$/Sqm)

Table 11. World Multi-Layer High-Frequency PCB Average Price by Region (2024-2029) & (US\$/Sqm)

Table 12. Multi-Layer High-Frequency PCB Major Market Trends

Table 13. World Multi-Layer High-Frequency PCB Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Sqm)

Table 14. World Multi-Layer High-Frequency PCB Consumption by Region (2018-2023) & (K Sqm)

Table 15. World Multi-Layer High-Frequency PCB Consumption Forecast by Region (2024-2029) & (K Sqm)

Table 16. World Multi-Layer High-Frequency PCB Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Multi-Layer High-Frequency PCB Producers in 2022

Table 18. World Multi-Layer High-Frequency PCB Production by Manufacturer (2018-2023) & (K Sqm)

Table 19. Production Market Share of Key Multi-Layer High-Frequency PCB Producers in 2022

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

Table 21. Global Multi-Layer High-Frequency PCB Company Evaluation Quadrant

Table 22. World Multi-Layer High-Frequency PCB Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Multi-Layer High-Frequency PCB Production Site of Key Manufacturer

Table 24. Multi-Layer High-Frequency PCB Market: Company Product Type Footprint

Table 25. Multi-Layer High-Frequency PCB Market: Company Product Application Footprint

Table 26. Multi-Layer High-Frequency PCB Competitive Factors

Table 27. Multi-Layer High-Frequency PCB New Entrant and Capacity Expansion Plans

Table 28. Multi-Layer High-Frequency PCB Mergers & Acquisitions Activity

Table 29. United States VS China Multi-Layer High-Frequency PCB Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Multi-Layer High-Frequency PCB Production Comparison, (2018 & 2022 & 2029) & (K Sqm)

Table 31. United States VS China Multi-Layer High-Frequency PCB Consumption Comparison, (2018 & 2022 & 2029) & (K Sqm)

Table 32. United States Based Multi-Layer High-Frequency PCB Manufacturers, Headquarters and Production Site (States, Country)

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

Table 34. United States Based Manufacturers Multi-Layer High-Frequency PCB Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Multi-Layer High-Frequency PCB Production (2018-2023) & (K Sqm)

Table 36. United States Based Manufacturers Multi-Layer High-Frequency PCB Production Market Share (2018-2023)

Table 37. China Based Multi-Layer High-Frequency PCB Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Multi-Layer High-Frequency PCB Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Multi-Layer High-Frequency PCB Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Multi-Layer High-Frequency PCB Production (2018-2023) & (K Sqm)

Table 41. China Based Manufacturers Multi-Layer High-Frequency PCB Production Market Share (2018-2023)

Table 42. Rest of World Based Multi-Layer High-Frequency PCB Manufacturers, Headquarters and Production Site (States, Country)

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

Table 44. Rest of World Based Manufacturers Multi-Layer High-Frequency PCB Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Multi-Layer High-Frequency PCB Production (2018-2023) & (K Sqm)

Table 46. Rest of World Based Manufacturers Multi-Layer High-Frequency PCB Production Market Share (2018-2023)

Table 47. World Multi-Layer High-Frequency PCB Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Multi-Layer High-Frequency PCB Production by Type (2018-2023) & (K Sqm)

Table 49. World Multi-Layer High-Frequency PCB Production by Type (2024-2029) & (K Sqm)

Table 50. World Multi-Layer High-Frequency PCB Production Value by Type (2018-2023) & (USD Million)

Table 51. World Multi-Layer High-Frequency PCB Production Value by Type (2024-2029) & (USD Million)

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

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

Table 54. World Multi-Layer High-Frequency PCB Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Multi-Layer High-Frequency PCB Production by Application (2018-2023) & (K Sqm)

Table 56. World Multi-Layer High-Frequency PCB Production by Application (2024-2029) & (K Sqm)

Table 57. World Multi-Layer High-Frequency PCB Production Value by Application (2018-2023) & (USD Million)

Table 58. World Multi-Layer High-Frequency PCB Production Value by Application (2024-2029) & (USD Million)

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

Table 60. World Multi-Layer High-Frequency PCB Average Price by Application

(2024-2029) & (US\$/Sqm)

Table 61. Rogers Basic Information, Manufacturing Base and Competitors

Table 62. Rogers Major Business

Table 63. Rogers Multi-Layer High-Frequency PCB Product and Services

Table 64. Rogers Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Rogers Recent Developments/Updates

Table 66. Rogers Competitive Strengths & Weaknesses

Table 67. Taconic Basic Information, Manufacturing Base and Competitors

Table 68. Taconic Major Business

Table 69. Taconic Multi-Layer High-Frequency PCB Product and Services

Table 70. Taconic Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Taconic Recent Developments/Updates

Table 72. Taconic Competitive Strengths & Weaknesses

Table 73. Arlon Basic Information, Manufacturing Base and Competitors

Table 74. Arlon Major Business

Table 75. Arlon Multi-Layer High-Frequency PCB Product and Services

Table 76. Arlon Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Arlon Recent Developments/Updates

Table 78. Arlon Competitive Strengths & Weaknesses

Table 79. Hitach Basic Information, Manufacturing Base and Competitors

Table 80. Hitach Major Business

Table 81. Hitach Multi-Layer High-Frequency PCB Product and Services

Table 82. Hitach Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Hitach Recent Developments/Updates

Table 84. Hitach Competitive Strengths & Weaknesses

Table 85. Nelco Basic Information, Manufacturing Base and Competitors

Table 86. Nelco Major Business

Table 87. Nelco Multi-Layer High-Frequency PCB Product and Services

Table 88. Nelco Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Nelco Recent Developments/Updates

Table 90. Nelco Competitive Strengths & Weaknesses

Table 91. Epec Basic Information, Manufacturing Base and Competitors

Table 92. Epec Major Business

Table 93. Epec Multi-Layer High-Frequency PCB Product and Services

Table 94. Epec Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Epec Recent Developments/Updates

Table 96. Epec Competitive Strengths & Weaknesses

Table 97. Isola Basic Information, Manufacturing Base and Competitors

Table 98. Isola Major Business

Table 99. Isola Multi-Layer High-Frequency PCB Product and Services

Table 100. Isola Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Isola Recent Developments/Updates

Table 102. Isola Competitive Strengths & Weaknesses

Table 103. Sytech Basic Information, Manufacturing Base and Competitors

Table 104. Sytech Major Business

Table 105. Sytech Multi-Layer High-Frequency PCB Product and Services

Table 106. Sytech Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Sytech Recent Developments/Updates

Table 108. Sytech Competitive Strengths & Weaknesses

Table 109. ATand S Basic Information, Manufacturing Base and Competitors

Table 110. ATand S Major Business

Table 111. ATand S Multi-Layer High-Frequency PCB Product and Services

Table 112. ATand S Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. ATand S Recent Developments/Updates

Table 114. ATand S Competitive Strengths & Weaknesses

Table 115. TTM Technologies Basic Information, Manufacturing Base and Competitors

Table 116. TTM Technologies Major Business

Table 117. TTM Technologies Multi-Layer High-Frequency PCB Product and Services

Table 118. TTM Technologies Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 119. TTM Technologies Recent Developments/Updates

Table 120. TTM Technologies Competitive Strengths & Weaknesses

Table 121. San Francisco Circuits Basic Information, Manufacturing Base and Competitors

Table 122. San Francisco Circuits Major Business

Table 123. San Francisco Circuits Multi-Layer High-Frequency PCB Product and Services

Table 124. San Francisco Circuits Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. San Francisco Circuits Recent Developments/Updates

Table 126. San Francisco Circuits Competitive Strengths & Weaknesses

Table 127. Millennium Circuits Basic Information, Manufacturing Base and Competitors

Table 128. Millennium Circuits Major Business

Table 129. Millennium Circuits Multi-Layer High-Frequency PCB Product and Services

Table 130. Millennium Circuits Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Millennium Circuits Recent Developments/Updates

Table 132. Cirexx Basic Information, Manufacturing Base and Competitors

Table 133. Cirexx Major Business

Table 134. Cirexx Multi-Layer High-Frequency PCB Product and Services

Table 135. Cirexx Multi-Layer High-Frequency PCB Production (K Sqm), Price (US\$/Sqm), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of Multi-Layer High-Frequency PCB Upstream (Raw Materials)

Table 137. Multi-Layer High-Frequency PCB Typical Customers

Table 138. Multi-Layer High-Frequency PCB Typical Distributors

LIST OF FIGURE

Figure 1. Multi-Layer High-Frequency PCB Picture

Figure 2. World Multi-Layer High-Frequency PCB Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Multi-Layer High-Frequency PCB Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Multi-Layer High-Frequency PCB Production (2018-2029) & (K Sqm)

Figure 5. World Multi-Layer High-Frequency PCB Average Price (2018-2029) & (US\$/Sqm)

Figure 6. World Multi-Layer High-Frequency PCB Production Value Market Share by Region (2018-2029)

Figure 7. World Multi-Layer High-Frequency PCB Production Market Share by Region (2018-2029)

Figure 8. North America Multi-Layer High-Frequency PCB Production (2018-2029) & (K Sqm)

Figure 9. Europe Multi-Layer High-Frequency PCB Production (2018-2029) & (K Sqm)

Figure 10. China Multi-Layer High-Frequency PCB Production (2018-2029) & (K Sqm)

Figure 11. Japan Multi-Layer High-Frequency PCB Production (2018-2029) & (K Sqm)

Figure 12. South Korea Multi-Layer High-Frequency PCB Production (2018-2029) & (K Sqm)

Figure 13. Multi-Layer High-Frequency PCB Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Multi-Layer High-Frequency PCB Consumption (2018-2029) & (K Sqm)

Figure 16. World Multi-Layer High-Frequency PCB Consumption Market Share by Region (2018-2029)

Figure 17. United States Multi-Layer High-Frequency PCB Consumption (2018-2029) & (K Sqm)

Figure 18. China Multi-Layer High-Frequency PCB Consumption (2018-2029) & (K Sqm)

Figure 19. Europe Multi-Layer High-Frequency PCB Consumption (2018-2029) & (K Sqm)

Figure 20. Japan Multi-Layer High-Frequency PCB Consumption (2018-2029) & (K Sqm)

Figure 21. South Korea Multi-Layer High-Frequency PCB Consumption (2018-2029) & (K Sqm)

Figure 22. ASEAN Multi-Layer High-Frequency PCB Consumption (2018-2029) & (K Sqm)

Figure 23. India Multi-Layer High-Frequency PCB Consumption (2018-2029) & (K Sqm)

Figure 24. Producer Shipments of Multi-Layer High-Frequency PCB by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Multi-Layer High-Frequency PCB Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Multi-Layer High-Frequency PCB Markets in 2022

Figure 27. United States VS China: Multi-Layer High-Frequency PCB Production Value

Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Multi-Layer High-Frequency PCB Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Multi-Layer High-Frequency PCB Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Multi-Layer High-Frequency PCB Production Market Share 2022

Figure 31. China Based Manufacturers Multi-Layer High-Frequency PCB Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Multi-Layer High-Frequency PCB Production Market Share 2022

Figure 33. World Multi-Layer High-Frequency PCB Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Multi-Layer High-Frequency PCB Production Value Market Share by Type in 2022

Figure 35. Medium Frequency (MF)

Figure 36. Very High Frequency (VHF)

Figure 37. World Multi-Layer High-Frequency PCB Production Market Share by Type (2018-2029)

Figure 38. World Multi-Layer High-Frequency PCB Production Value Market Share by Type (2018-2029)

Figure 39. World Multi-Layer High-Frequency PCB Average Price by Type (2018-2029) & (US\$/SqM)

Figure 40. World Multi-Layer High-Frequency PCB Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Multi-Layer High-Frequency PCB Production Value Market Share by Application in 2022

Figure 42. Communication

Figure 43. Consumer Electronics

Figure 44. Automobile

Figure 45. Medical

Figure 46. Industrial

Figure 47. Aerospace

Figure 48. Others

Figure 49. World Multi-Layer High-Frequency PCB Production Market Share by Application (2018-2029)

Figure 50. World Multi-Layer High-Frequency PCB Production Value Market Share by Application (2018-2029)

Figure 51. World Multi-Layer High-Frequency PCB Average Price by Application

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

Figure 52. Multi-Layer High-Frequency PCB Industry Chain

Figure 53. Multi-Layer High-Frequency PCB Procurement Model

Figure 54. Multi-Layer High-Frequency PCB Sales Model

Figure 55. Multi-Layer High-Frequency PCB Sales Channels, Direct Sales, and Distribution

Figure 56. Methodology

Figure 57. Research Process and Data Source

I would like to order

Product name: Global Multi-Layer High-Frequency PCB Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G4921FD85EE4EN.html>

Price: US\$ 4,480.00 (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/G4921FD85EE4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970