

Global Neuromorphic Chip Manufacturing Equipment Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Neuromorphic Chip Manufacturing Equipment market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Neuromorphic chip manufacturing equipment refers to the machines and tools used in the production of neuromorphic chips, which are computer chips designed to mimic the structure and function of the human brain. These chips are used in a variety of applications, including machine learning, robotics, and artificial intelligence.

The upstream industry chain of neuromorphic chip manufacturing equipment includes the production of raw materials such as silicon wafers, which are used as the base material for the chips. The downstream industry chain includes the integration of the chips into electronic devices such as smartphones, computers, and other smart devices.

The distribution of the world market share of neuromorphic chip manufacturing equipment by region is currently dominated by North America, followed by Europe and Asia-Pacific. This is due to the presence of major manufacturers and research institutions in these regions, as well as the high demand for advanced computing technologies.

This report studies the global Neuromorphic Chip Manufacturing Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Neuromorphic Chip Manufacturing Equipment, 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 Neuromorphic Chip Manufacturing Equipment that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Neuromorphic Chip Manufacturing Equipment total production and demand, 2018-2029, (Units)

Global Neuromorphic Chip Manufacturing Equipment total production value, 2018-2029, (USD Million)

Global Neuromorphic Chip Manufacturing Equipment production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Neuromorphic Chip Manufacturing Equipment consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Neuromorphic Chip Manufacturing Equipment domestic production, consumption, key domestic manufacturers and share

Global Neuromorphic Chip Manufacturing Equipment production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Neuromorphic Chip Manufacturing Equipment production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Neuromorphic Chip Manufacturing Equipment production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Neuromorphic Chip Manufacturing Equipment 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 Intel, IBM, Hewlett Packard, Applied Brain Research, BrainChip Holding, Synopsys, Cadence Design Systems, Mentor Graphics and Lattice Semiconductor, 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 Neuromorphic Chip Manufacturing Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) 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 Neuromorphic Chip Manufacturing Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Neuromorphic Chip Manufacturing Equipment Market, Segmentation by Type

Large-Scale Mass Production Equipment

Small Experimental Equipment

Global Neuromorphic Chip Manufacturing Equipment Market, Segmentation by

Application

Medical

Automotive

Aerospace

Others

Companies Profiled:

Intel

IBM

Hewlett Packard

Applied Brain Research

BrainChip Holding

Synopsys

Cadence Design Systems

Mentor Graphics

Lattice Semiconductor

QuickLogic

General Vision

Key Questions Answered

1. How big is the global Neuromorphic Chip Manufacturing Equipment market?

Global Neuromorphic Chip Manufacturing Equipment Supply, Demand and Key Producers, 2023-2029

2. What is the demand of the global Neuromorphic Chip Manufacturing Equipment market?
3. What is the year over year growth of the global Neuromorphic Chip Manufacturing Equipment market?
4. What is the production and production value of the global Neuromorphic Chip Manufacturing Equipment market?
5. Who are the key producers in the global Neuromorphic Chip Manufacturing Equipment market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Neuromorphic Chip Manufacturing Equipment Introduction
- 1.2 World Neuromorphic Chip Manufacturing Equipment Supply & Forecast
 - 1.2.1 World Neuromorphic Chip Manufacturing Equipment Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Neuromorphic Chip Manufacturing Equipment Production (2018-2029)
 - 1.2.3 World Neuromorphic Chip Manufacturing Equipment Pricing Trends (2018-2029)
- 1.3 World Neuromorphic Chip Manufacturing Equipment Production by Region (Based on Production Site)
 - 1.3.1 World Neuromorphic Chip Manufacturing Equipment Production Value by Region (2018-2029)
 - 1.3.2 World Neuromorphic Chip Manufacturing Equipment Production by Region (2018-2029)
 - 1.3.3 World Neuromorphic Chip Manufacturing Equipment Average Price by Region (2018-2029)
 - 1.3.4 North America Neuromorphic Chip Manufacturing Equipment Production (2018-2029)
 - 1.3.5 Europe Neuromorphic Chip Manufacturing Equipment Production (2018-2029)
 - 1.3.6 China Neuromorphic Chip Manufacturing Equipment Production (2018-2029)
 - 1.3.7 Japan Neuromorphic Chip Manufacturing Equipment Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Neuromorphic Chip Manufacturing Equipment Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Neuromorphic Chip Manufacturing Equipment 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 Neuromorphic Chip Manufacturing Equipment Demand (2018-2029)
- 2.2 World Neuromorphic Chip Manufacturing Equipment Consumption by Region
 - 2.2.1 World Neuromorphic Chip Manufacturing Equipment Consumption by Region (2018-2023)
 - 2.2.2 World Neuromorphic Chip Manufacturing Equipment Consumption Forecast by Region (2024-2029)

2.3 United States Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029)

2.4 China Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029)

2.5 Europe Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029)

2.6 Japan Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029)

2.7 South Korea Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029)

2.8 ASEAN Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029)

2.9 India Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029)

3 WORLD NEUROMORPHIC CHIP MANUFACTURING EQUIPMENT MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Neuromorphic Chip Manufacturing Equipment Production Value by Manufacturer (2018-2023)

3.2 World Neuromorphic Chip Manufacturing Equipment Production by Manufacturer (2018-2023)

3.3 World Neuromorphic Chip Manufacturing Equipment Average Price by Manufacturer (2018-2023)

3.4 Neuromorphic Chip Manufacturing Equipment Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Neuromorphic Chip Manufacturing Equipment Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Neuromorphic Chip Manufacturing Equipment in 2022

3.5.3 Global Concentration Ratios (CR8) for Neuromorphic Chip Manufacturing Equipment in 2022

3.6 Neuromorphic Chip Manufacturing Equipment Market: Overall Company Footprint Analysis

3.6.1 Neuromorphic Chip Manufacturing Equipment Market: Region Footprint

3.6.2 Neuromorphic Chip Manufacturing Equipment Market: Company Product Type Footprint

3.6.3 Neuromorphic Chip Manufacturing Equipment 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: Neuromorphic Chip Manufacturing Equipment Production Value Comparison

4.1.1 United States VS China: Neuromorphic Chip Manufacturing Equipment Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Neuromorphic Chip Manufacturing Equipment Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Neuromorphic Chip Manufacturing Equipment Production Comparison

4.2.1 United States VS China: Neuromorphic Chip Manufacturing Equipment Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Neuromorphic Chip Manufacturing Equipment Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Neuromorphic Chip Manufacturing Equipment Consumption Comparison

4.3.1 United States VS China: Neuromorphic Chip Manufacturing Equipment Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Neuromorphic Chip Manufacturing Equipment Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Neuromorphic Chip Manufacturing Equipment Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Neuromorphic Chip Manufacturing Equipment Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Value (2018-2023)

4.4.3 United States Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production (2018-2023)

4.5 China Based Neuromorphic Chip Manufacturing Equipment Manufacturers and Market Share

4.5.1 China Based Neuromorphic Chip Manufacturing Equipment Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Value (2018-2023)

4.5.3 China Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production (2018-2023)

4.6 Rest of World Based Neuromorphic Chip Manufacturing Equipment Manufacturers

and Market Share, 2018-2023

4.6.1 Rest of World Based Neuromorphic Chip Manufacturing Equipment
Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Neuromorphic Chip Manufacturing
Equipment Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Neuromorphic Chip Manufacturing
Equipment Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Neuromorphic Chip Manufacturing Equipment Market Size Overview by Type:
2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Large-Scale Mass Production Equipment

5.2.2 Small Experimental Equipment

5.3 Market Segment by Type

5.3.1 World Neuromorphic Chip Manufacturing Equipment Production by Type
(2018-2029)

5.3.2 World Neuromorphic Chip Manufacturing Equipment Production Value by Type
(2018-2029)

5.3.3 World Neuromorphic Chip Manufacturing Equipment Average Price by Type
(2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Neuromorphic Chip Manufacturing Equipment Market Size Overview by
Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Medical

6.2.2 Automotive

6.2.3 Aerospace

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Neuromorphic Chip Manufacturing Equipment Production by Application
(2018-2029)

6.3.2 World Neuromorphic Chip Manufacturing Equipment Production Value by
Application (2018-2029)

6.3.3 World Neuromorphic Chip Manufacturing Equipment Average Price by
Application (2018-2029)

7 COMPANY PROFILES

7.1 Intel

7.1.1 Intel Details

7.1.2 Intel Major Business

7.1.3 Intel Neuromorphic Chip Manufacturing Equipment Product and Services

7.1.4 Intel Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Intel Recent Developments/Updates

7.1.6 Intel Competitive Strengths & Weaknesses

7.2 IBM

7.2.1 IBM Details

7.2.2 IBM Major Business

7.2.3 IBM Neuromorphic Chip Manufacturing Equipment Product and Services

7.2.4 IBM Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 IBM Recent Developments/Updates

7.2.6 IBM Competitive Strengths & Weaknesses

7.3 Hewlett Packard

7.3.1 Hewlett Packard Details

7.3.2 Hewlett Packard Major Business

7.3.3 Hewlett Packard Neuromorphic Chip Manufacturing Equipment Product and Services

7.3.4 Hewlett Packard Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Hewlett Packard Recent Developments/Updates

7.3.6 Hewlett Packard Competitive Strengths & Weaknesses

7.4 Applied Brain Research

7.4.1 Applied Brain Research Details

7.4.2 Applied Brain Research Major Business

7.4.3 Applied Brain Research Neuromorphic Chip Manufacturing Equipment Product and Services

7.4.4 Applied Brain Research Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Applied Brain Research Recent Developments/Updates

7.4.6 Applied Brain Research Competitive Strengths & Weaknesses

7.5 BrainChip Holding

7.5.1 BrainChip Holding Details

- 7.5.2 BrainChip Holding Major Business
- 7.5.3 BrainChip Holding Neuromorphic Chip Manufacturing Equipment Product and Services
- 7.5.4 BrainChip Holding Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.5.5 BrainChip Holding Recent Developments/Updates
- 7.5.6 BrainChip Holding Competitive Strengths & Weaknesses
- 7.6 Synopsys
 - 7.6.1 Synopsys Details
 - 7.6.2 Synopsys Major Business
 - 7.6.3 Synopsys Neuromorphic Chip Manufacturing Equipment Product and Services
 - 7.6.4 Synopsys Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Synopsys Recent Developments/Updates
 - 7.6.6 Synopsys Competitive Strengths & Weaknesses
- 7.7 Cadence Design Systems
 - 7.7.1 Cadence Design Systems Details
 - 7.7.2 Cadence Design Systems Major Business
 - 7.7.3 Cadence Design Systems Neuromorphic Chip Manufacturing Equipment Product and Services
 - 7.7.4 Cadence Design Systems Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Cadence Design Systems Recent Developments/Updates
 - 7.7.6 Cadence Design Systems Competitive Strengths & Weaknesses
- 7.8 Mentor Graphics
 - 7.8.1 Mentor Graphics Details
 - 7.8.2 Mentor Graphics Major Business
 - 7.8.3 Mentor Graphics Neuromorphic Chip Manufacturing Equipment Product and Services
 - 7.8.4 Mentor Graphics Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Mentor Graphics Recent Developments/Updates
 - 7.8.6 Mentor Graphics Competitive Strengths & Weaknesses
- 7.9 Lattice Semiconductor
 - 7.9.1 Lattice Semiconductor Details
 - 7.9.2 Lattice Semiconductor Major Business
 - 7.9.3 Lattice Semiconductor Neuromorphic Chip Manufacturing Equipment Product and Services
 - 7.9.4 Lattice Semiconductor Neuromorphic Chip Manufacturing Equipment Production,

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

7.9.5 Lattice Semiconductor Recent Developments/Updates

7.9.6 Lattice Semiconductor Competitive Strengths & Weaknesses

7.10 QuickLogic

7.10.1 QuickLogic Details

7.10.2 QuickLogic Major Business

7.10.3 QuickLogic Neuromorphic Chip Manufacturing Equipment Product and Services

7.10.4 QuickLogic Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 QuickLogic Recent Developments/Updates

7.10.6 QuickLogic Competitive Strengths & Weaknesses

7.11 General Vision

7.11.1 General Vision Details

7.11.2 General Vision Major Business

7.11.3 General Vision Neuromorphic Chip Manufacturing Equipment Product and Services

7.11.4 General Vision Neuromorphic Chip Manufacturing Equipment Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 General Vision Recent Developments/Updates

7.11.6 General Vision Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Neuromorphic Chip Manufacturing Equipment Industry Chain

8.2 Neuromorphic Chip Manufacturing Equipment Upstream Analysis

8.2.1 Neuromorphic Chip Manufacturing Equipment Core Raw Materials

8.2.2 Main Manufacturers of Neuromorphic Chip Manufacturing Equipment Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Neuromorphic Chip Manufacturing Equipment Production Mode

8.6 Neuromorphic Chip Manufacturing Equipment Procurement Model

8.7 Neuromorphic Chip Manufacturing Equipment Industry Sales Model and Sales Channels

8.7.1 Neuromorphic Chip Manufacturing Equipment Sales Model

8.7.2 Neuromorphic Chip Manufacturing Equipment 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 Neuromorphic Chip Manufacturing Equipment Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Neuromorphic Chip Manufacturing Equipment Production Value by Region (2018-2023) & (USD Million)

Table 3. World Neuromorphic Chip Manufacturing Equipment Production Value by Region (2024-2029) & (USD Million)

Table 4. World Neuromorphic Chip Manufacturing Equipment Production Value Market Share by Region (2018-2023)

Table 5. World Neuromorphic Chip Manufacturing Equipment Production Value Market Share by Region (2024-2029)

Table 6. World Neuromorphic Chip Manufacturing Equipment Production by Region (2018-2023) & (Units)

Table 7. World Neuromorphic Chip Manufacturing Equipment Production by Region (2024-2029) & (Units)

Table 8. World Neuromorphic Chip Manufacturing Equipment Production Market Share by Region (2018-2023)

Table 9. World Neuromorphic Chip Manufacturing Equipment Production Market Share by Region (2024-2029)

Table 10. World Neuromorphic Chip Manufacturing Equipment Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Neuromorphic Chip Manufacturing Equipment Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Neuromorphic Chip Manufacturing Equipment Major Market Trends

Table 13. World Neuromorphic Chip Manufacturing Equipment Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World Neuromorphic Chip Manufacturing Equipment Consumption by Region (2018-2023) & (Units)

Table 15. World Neuromorphic Chip Manufacturing Equipment Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World Neuromorphic Chip Manufacturing Equipment Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Neuromorphic Chip Manufacturing Equipment Producers in 2022

Table 18. World Neuromorphic Chip Manufacturing Equipment Production by Manufacturer (2018-2023) & (Units)

Table 19. Production Market Share of Key Neuromorphic Chip Manufacturing Equipment Producers in 2022

Table 20. World Neuromorphic Chip Manufacturing Equipment Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Neuromorphic Chip Manufacturing Equipment Company Evaluation Quadrant

Table 22. World Neuromorphic Chip Manufacturing Equipment Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Neuromorphic Chip Manufacturing Equipment Production Site of Key Manufacturer

Table 24. Neuromorphic Chip Manufacturing Equipment Market: Company Product Type Footprint

Table 25. Neuromorphic Chip Manufacturing Equipment Market: Company Product Application Footprint

Table 26. Neuromorphic Chip Manufacturing Equipment Competitive Factors

Table 27. Neuromorphic Chip Manufacturing Equipment New Entrant and Capacity Expansion Plans

Table 28. Neuromorphic Chip Manufacturing Equipment Mergers & Acquisitions Activity

Table 29. United States VS China Neuromorphic Chip Manufacturing Equipment Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Neuromorphic Chip Manufacturing Equipment Production Comparison, (2018 & 2022 & 2029) & (Units)

Table 31. United States VS China Neuromorphic Chip Manufacturing Equipment Consumption Comparison, (2018 & 2022 & 2029) & (Units)

Table 32. United States Based Neuromorphic Chip Manufacturing Equipment Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production (2018-2023) & (Units)

Table 36. United States Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Market Share (2018-2023)

Table 37. China Based Neuromorphic Chip Manufacturing Equipment Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Neuromorphic Chip Manufacturing Equipment

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production (2018-2023) & (Units)

Table 41. China Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Market Share (2018-2023)

Table 42. Rest of World Based Neuromorphic Chip Manufacturing Equipment Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Market Share (2018-2023)

Table 47. World Neuromorphic Chip Manufacturing Equipment Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Neuromorphic Chip Manufacturing Equipment Production by Type (2018-2023) & (Units)

Table 49. World Neuromorphic Chip Manufacturing Equipment Production by Type (2024-2029) & (Units)

Table 50. World Neuromorphic Chip Manufacturing Equipment Production Value by Type (2018-2023) & (USD Million)

Table 51. World Neuromorphic Chip Manufacturing Equipment Production Value by Type (2024-2029) & (USD Million)

Table 52. World Neuromorphic Chip Manufacturing Equipment Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Neuromorphic Chip Manufacturing Equipment Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Neuromorphic Chip Manufacturing Equipment Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Neuromorphic Chip Manufacturing Equipment Production by Application (2018-2023) & (Units)

Table 56. World Neuromorphic Chip Manufacturing Equipment Production by Application (2024-2029) & (Units)

Table 57. World Neuromorphic Chip Manufacturing Equipment Production Value by Application (2018-2023) & (USD Million)

Table 58. World Neuromorphic Chip Manufacturing Equipment Production Value by Application (2024-2029) & (USD Million)

Table 59. World Neuromorphic Chip Manufacturing Equipment Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Neuromorphic Chip Manufacturing Equipment Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Intel Basic Information, Manufacturing Base and Competitors

Table 62. Intel Major Business

Table 63. Intel Neuromorphic Chip Manufacturing Equipment Product and Services

Table 64. Intel Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Intel Recent Developments/Updates

Table 66. Intel Competitive Strengths & Weaknesses

Table 67. IBM Basic Information, Manufacturing Base and Competitors

Table 68. IBM Major Business

Table 69. IBM Neuromorphic Chip Manufacturing Equipment Product and Services

Table 70. IBM Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. IBM Recent Developments/Updates

Table 72. IBM Competitive Strengths & Weaknesses

Table 73. Hewlett Packard Basic Information, Manufacturing Base and Competitors

Table 74. Hewlett Packard Major Business

Table 75. Hewlett Packard Neuromorphic Chip Manufacturing Equipment Product and Services

Table 76. Hewlett Packard Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Hewlett Packard Recent Developments/Updates

Table 78. Hewlett Packard Competitive Strengths & Weaknesses

Table 79. Applied Brain Research Basic Information, Manufacturing Base and Competitors

Table 80. Applied Brain Research Major Business

Table 81. Applied Brain Research Neuromorphic Chip Manufacturing Equipment Product and Services

Table 82. Applied Brain Research Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Applied Brain Research Recent Developments/Updates

Table 84. Applied Brain Research Competitive Strengths & Weaknesses

Table 85. BrainChip Holding Basic Information, Manufacturing Base and Competitors

Table 86. BrainChip Holding Major Business

Table 87. BrainChip Holding Neuromorphic Chip Manufacturing Equipment Product and Services

Table 88. BrainChip Holding Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. BrainChip Holding Recent Developments/Updates

Table 90. BrainChip Holding Competitive Strengths & Weaknesses

Table 91. Synopsys Basic Information, Manufacturing Base and Competitors

Table 92. Synopsys Major Business

Table 93. Synopsys Neuromorphic Chip Manufacturing Equipment Product and Services

Table 94. Synopsys Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Synopsys Recent Developments/Updates

Table 96. Synopsys Competitive Strengths & Weaknesses

Table 97. Cadence Design Systems Basic Information, Manufacturing Base and Competitors

Table 98. Cadence Design Systems Major Business

Table 99. Cadence Design Systems Neuromorphic Chip Manufacturing Equipment Product and Services

Table 100. Cadence Design Systems Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Cadence Design Systems Recent Developments/Updates

Table 102. Cadence Design Systems Competitive Strengths & Weaknesses

Table 103. Mentor Graphics Basic Information, Manufacturing Base and Competitors

Table 104. Mentor Graphics Major Business

Table 105. Mentor Graphics Neuromorphic Chip Manufacturing Equipment Product and Services

Table 106. Mentor Graphics Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Mentor Graphics Recent Developments/Updates

Table 108. Mentor Graphics Competitive Strengths & Weaknesses

Table 109. Lattice Semiconductor Basic Information, Manufacturing Base and Competitors

Table 110. Lattice Semiconductor Major Business

Table 111. Lattice Semiconductor Neuromorphic Chip Manufacturing Equipment Product and Services

Table 112. Lattice Semiconductor Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Lattice Semiconductor Recent Developments/Updates

Table 114. Lattice Semiconductor Competitive Strengths & Weaknesses

Table 115. QuickLogic Basic Information, Manufacturing Base and Competitors

Table 116. QuickLogic Major Business

Table 117. QuickLogic Neuromorphic Chip Manufacturing Equipment Product and Services

Table 118. QuickLogic Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. QuickLogic Recent Developments/Updates

Table 120. General Vision Basic Information, Manufacturing Base and Competitors

Table 121. General Vision Major Business

Table 122. General Vision Neuromorphic Chip Manufacturing Equipment Product and Services

Table 123. General Vision Neuromorphic Chip Manufacturing Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 124. Global Key Players of Neuromorphic Chip Manufacturing Equipment Upstream (Raw Materials)

Table 125. Neuromorphic Chip Manufacturing Equipment Typical Customers

Table 126. Neuromorphic Chip Manufacturing Equipment Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Neuromorphic Chip Manufacturing Equipment Picture

Figure 2. World Neuromorphic Chip Manufacturing Equipment Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Neuromorphic Chip Manufacturing Equipment Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Neuromorphic Chip Manufacturing Equipment Production (2018-2029) & (Units)

Figure 5. World Neuromorphic Chip Manufacturing Equipment Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Neuromorphic Chip Manufacturing Equipment Production Value Market Share by Region (2018-2029)

Figure 7. World Neuromorphic Chip Manufacturing Equipment Production Market Share by Region (2018-2029)

Figure 8. North America Neuromorphic Chip Manufacturing Equipment Production (2018-2029) & (Units)

Figure 9. Europe Neuromorphic Chip Manufacturing Equipment Production (2018-2029) & (Units)

Figure 10. China Neuromorphic Chip Manufacturing Equipment Production (2018-2029) & (Units)

Figure 11. Japan Neuromorphic Chip Manufacturing Equipment Production (2018-2029) & (Units)

Figure 12. Neuromorphic Chip Manufacturing Equipment Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029) & (Units)

Figure 15. World Neuromorphic Chip Manufacturing Equipment Consumption Market Share by Region (2018-2029)

Figure 16. United States Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029) & (Units)

Figure 17. China Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029) & (Units)

Figure 18. Europe Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029) & (Units)

Figure 19. Japan Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029) & (Units)

Figure 20. South Korea Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029) & (Units)

Figure 21. ASEAN Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029) & (Units)

Figure 22. India Neuromorphic Chip Manufacturing Equipment Consumption (2018-2029) & (Units)

Figure 23. Producer Shipments of Neuromorphic Chip Manufacturing Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Neuromorphic Chip Manufacturing Equipment Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Neuromorphic Chip Manufacturing Equipment Markets in 2022

Figure 26. United States VS China: Neuromorphic Chip Manufacturing Equipment Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Neuromorphic Chip Manufacturing Equipment Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Neuromorphic Chip Manufacturing Equipment Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Market Share 2022

Figure 30. China Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Neuromorphic Chip Manufacturing Equipment Production Market Share 2022

Figure 32. World Neuromorphic Chip Manufacturing Equipment Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Neuromorphic Chip Manufacturing Equipment Production Value Market Share by Type in 2022

Figure 34. Large-Scale Mass Production Equipment

Figure 35. Small Experimental Equipment

Figure 36. World Neuromorphic Chip Manufacturing Equipment Production Market Share by Type (2018-2029)

Figure 37. World Neuromorphic Chip Manufacturing Equipment Production Value Market Share by Type (2018-2029)

Figure 38. World Neuromorphic Chip Manufacturing Equipment Average Price by Type (2018-2029) & (US\$/Unit)

Figure 39. World Neuromorphic Chip Manufacturing Equipment Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Neuromorphic Chip Manufacturing Equipment Production Value

Market Share by Application in 2022

Figure 41. Medical

Figure 42. Automotive

Figure 43. Aerospace

Figure 44. Others

Figure 45. World Neuromorphic Chip Manufacturing Equipment Production Market Share by Application (2018-2029)

Figure 46. World Neuromorphic Chip Manufacturing Equipment Production Value Market Share by Application (2018-2029)

Figure 47. World Neuromorphic Chip Manufacturing Equipment Average Price by Application (2018-2029) & (US\$/Unit)

Figure 48. Neuromorphic Chip Manufacturing Equipment Industry Chain

Figure 49. Neuromorphic Chip Manufacturing Equipment Procurement Model

Figure 50. Neuromorphic Chip Manufacturing Equipment Sales Model

Figure 51. Neuromorphic Chip Manufacturing Equipment Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

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