

Global Chip Design Software Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GEB644462783EN.html>

Date: November 2023

Pages: 111

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

ID: GEB644462783EN

Abstracts

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

This report studies the global Chip Design Software demand, key companies, and key regions.

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

Highlights and key features of the study

Global Chip Design Software total market, 2018-2029, (USD Million)

Global Chip Design Software total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Chip Design Software total market, key domestic companies and share, (USD Million)

Global Chip Design Software revenue by player and market share 2018-2023, (USD Million)

Global Chip Design Software total market by Type, CAGR, 2018-2029, (USD Million)

Global Chip Design Software total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Chip Design Software market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cadence, Synopsys, Mentor, Xilinx, Keysight Technologies, Altium, Ansys, Silvaco and AWR, 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 Chip Design Software market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, 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 Chip Design Software Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Chip Design Software Market, Segmentation by Type

Integrated Circuit (IC) Design Tools

FPGA Design Tools

Other

Global Chip Design Software Market, Segmentation by Application

Semiconductor Industry

Consumer Electronics

Automobile

Aerospace and Defense

Medical Equipment

Other

Companies Profiled:

Cadence

Synopsys

Mentor

Xilinx

Keysight Technologies

Altium

Ansys

Silvaco

AWR

Aldec

Key Questions Answered

1. How big is the global Chip Design Software market?
2. What is the demand of the global Chip Design Software market?
3. What is the year over year growth of the global Chip Design Software market?
4. What is the total value of the global Chip Design Software market?
5. Who are the major players in the global Chip Design Software market?

Contents

1 SUPPLY SUMMARY

- 1.1 Chip Design Software Introduction
- 1.2 World Chip Design Software Market Size & Forecast (2018 & 2022 & 2029)
- 1.3 World Chip Design Software Total Market by Region (by Headquarter Location)
 - 1.3.1 World Chip Design Software Market Size by Region (2018-2029), (by Headquarter Location)
 - 1.3.2 United States Chip Design Software Market Size (2018-2029)
 - 1.3.3 China Chip Design Software Market Size (2018-2029)
 - 1.3.4 Europe Chip Design Software Market Size (2018-2029)
 - 1.3.5 Japan Chip Design Software Market Size (2018-2029)
 - 1.3.6 South Korea Chip Design Software Market Size (2018-2029)
 - 1.3.7 ASEAN Chip Design Software Market Size (2018-2029)
 - 1.3.8 India Chip Design Software Market Size (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Chip Design Software Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Chip Design Software Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Chip Design Software Consumption Value (2018-2029)
- 2.2 World Chip Design Software Consumption Value by Region
 - 2.2.1 World Chip Design Software Consumption Value by Region (2018-2023)
 - 2.2.2 World Chip Design Software Consumption Value Forecast by Region (2024-2029)
- 2.3 United States Chip Design Software Consumption Value (2018-2029)
- 2.4 China Chip Design Software Consumption Value (2018-2029)
- 2.5 Europe Chip Design Software Consumption Value (2018-2029)
- 2.6 Japan Chip Design Software Consumption Value (2018-2029)
- 2.7 South Korea Chip Design Software Consumption Value (2018-2029)
- 2.8 ASEAN Chip Design Software Consumption Value (2018-2029)
- 2.9 India Chip Design Software Consumption Value (2018-2029)

3 WORLD CHIP DESIGN SOFTWARE COMPANIES COMPETITIVE ANALYSIS

- 3.1 World Chip Design Software Revenue by Player (2018-2023)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Chip Design Software Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Chip Design Software in 2022

3.2.3 Global Concentration Ratios (CR8) for Chip Design Software in 2022

3.3 Chip Design Software Company Evaluation Quadrant

3.4 Chip Design Software Market: Overall Company Footprint Analysis

3.4.1 Chip Design Software Market: Region Footprint

3.4.2 Chip Design Software Market: Company Product Type Footprint

3.4.3 Chip Design Software Market: Company Product Application Footprint

3.5 Competitive Environment

3.5.1 Historical Structure of the Industry

3.5.2 Barriers of Market Entry

3.5.3 Factors of Competition

3.6 Mergers, Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF THE WORLD (BY HEADQUARTER LOCATION)

4.1 United States VS China: Chip Design Software Revenue Comparison (by Headquarter Location)

4.1.1 United States VS China: Chip Design Software Market Size Comparison (2018 & 2022 & 2029) (by Headquarter Location)

4.1.2 United States VS China: Chip Design Software Revenue Market Share Comparison (2018 & 2022 & 2029)

4.2 United States Based Companies VS China Based Companies: Chip Design Software Consumption Value Comparison

4.2.1 United States VS China: Chip Design Software Consumption Value Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Chip Design Software Consumption Value Market Share Comparison (2018 & 2022 & 2029)

4.3 United States Based Chip Design Software Companies and Market Share, 2018-2023

4.3.1 United States Based Chip Design Software Companies, Headquarters (States, Country)

4.3.2 United States Based Companies Chip Design Software Revenue, (2018-2023)

4.4 China Based Companies Chip Design Software Revenue and Market Share, 2018-2023

4.4.1 China Based Chip Design Software Companies, Company Headquarters (Province, Country)

- 4.4.2 China Based Companies Chip Design Software Revenue, (2018-2023)
- 4.5 Rest of World Based Chip Design Software Companies and Market Share, 2018-2023
 - 4.5.1 Rest of World Based Chip Design Software Companies, Headquarters (States, Country)
 - 4.5.2 Rest of World Based Companies Chip Design Software Revenue, (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World Chip Design Software Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
 - 5.2.1 Integrated Circuit (IC) Design Tools
 - 5.2.2 FPGA Design Tools
 - 5.2.3 Other
- 5.3 Market Segment by Type
 - 5.3.1 World Chip Design Software Market Size by Type (2018-2023)
 - 5.3.2 World Chip Design Software Market Size by Type (2024-2029)
 - 5.3.3 World Chip Design Software Market Size Market Share by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

- 6.1 World Chip Design Software Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
 - 6.2.1 Semiconductor Industry
 - 6.2.2 Consumer Electronics
 - 6.2.3 Automobile
 - 6.2.4 Aerospace and Defense
 - 6.2.5 Aerospace and Defense
 - 6.2.6 Other
- 6.3 Market Segment by Application
 - 6.3.1 World Chip Design Software Market Size by Application (2018-2023)
 - 6.3.2 World Chip Design Software Market Size by Application (2024-2029)
 - 6.3.3 World Chip Design Software Market Size by Application (2018-2029)

7 COMPANY PROFILES

- 7.1 Cadence

- 7.1.1 Cadence Details
- 7.1.2 Cadence Major Business
- 7.1.3 Cadence Chip Design Software Product and Services
- 7.1.4 Cadence Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)
- 7.1.5 Cadence Recent Developments/Updates
- 7.1.6 Cadence Competitive Strengths & Weaknesses
- 7.2 Synopsys
 - 7.2.1 Synopsys Details
 - 7.2.2 Synopsys Major Business
 - 7.2.3 Synopsys Chip Design Software Product and Services
 - 7.2.4 Synopsys Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)
 - 7.2.5 Synopsys Recent Developments/Updates
 - 7.2.6 Synopsys Competitive Strengths & Weaknesses
- 7.3 Mentor
 - 7.3.1 Mentor Details
 - 7.3.2 Mentor Major Business
 - 7.3.3 Mentor Chip Design Software Product and Services
 - 7.3.4 Mentor Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)
 - 7.3.5 Mentor Recent Developments/Updates
 - 7.3.6 Mentor Competitive Strengths & Weaknesses
- 7.4 Xilinx
 - 7.4.1 Xilinx Details
 - 7.4.2 Xilinx Major Business
 - 7.4.3 Xilinx Chip Design Software Product and Services
 - 7.4.4 Xilinx Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Xilinx Recent Developments/Updates
 - 7.4.6 Xilinx Competitive Strengths & Weaknesses
- 7.5 Keysight Technologies
 - 7.5.1 Keysight Technologies Details
 - 7.5.2 Keysight Technologies Major Business
 - 7.5.3 Keysight Technologies Chip Design Software Product and Services
 - 7.5.4 Keysight Technologies Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Keysight Technologies Recent Developments/Updates
 - 7.5.6 Keysight Technologies Competitive Strengths & Weaknesses

7.6 Altium

7.6.1 Altium Details

7.6.2 Altium Major Business

7.6.3 Altium Chip Design Software Product and Services

7.6.4 Altium Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)

7.6.5 Altium Recent Developments/Updates

7.6.6 Altium Competitive Strengths & Weaknesses

7.7 Ansys

7.7.1 Ansys Details

7.7.2 Ansys Major Business

7.7.3 Ansys Chip Design Software Product and Services

7.7.4 Ansys Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)

7.7.5 Ansys Recent Developments/Updates

7.7.6 Ansys Competitive Strengths & Weaknesses

7.8 Silvaco

7.8.1 Silvaco Details

7.8.2 Silvaco Major Business

7.8.3 Silvaco Chip Design Software Product and Services

7.8.4 Silvaco Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)

7.8.5 Silvaco Recent Developments/Updates

7.8.6 Silvaco Competitive Strengths & Weaknesses

7.9 AWR

7.9.1 AWR Details

7.9.2 AWR Major Business

7.9.3 AWR Chip Design Software Product and Services

7.9.4 AWR Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)

7.9.5 AWR Recent Developments/Updates

7.9.6 AWR Competitive Strengths & Weaknesses

7.10 Aldec

7.10.1 Aldec Details

7.10.2 Aldec Major Business

7.10.3 Aldec Chip Design Software Product and Services

7.10.4 Aldec Chip Design Software Revenue, Gross Margin and Market Share (2018-2023)

7.10.5 Aldec Recent Developments/Updates

7.10.6 Aldec Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Chip Design Software Industry Chain

8.2 Chip Design Software Upstream Analysis

8.3 Chip Design Software Midstream Analysis

8.4 Chip Design Software Downstream Analysis

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 Chip Design Software Revenue by Region (2018, 2022 and 2029) & (USD Million), (by Headquarter Location)

Table 2. World Chip Design Software Revenue by Region (2018-2023) & (USD Million), (by Headquarter Location)

Table 3. World Chip Design Software Revenue by Region (2024-2029) & (USD Million), (by Headquarter Location)

Table 4. World Chip Design Software Revenue Market Share by Region (2018-2023), (by Headquarter Location)

Table 5. World Chip Design Software Revenue Market Share by Region (2024-2029), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Chip Design Software Consumption Value Growth Rate Forecast by Region (2018 & 2022 & 2029) & (USD Million)

Table 8. World Chip Design Software Consumption Value by Region (2018-2023) & (USD Million)

Table 9. World Chip Design Software Consumption Value Forecast by Region (2024-2029) & (USD Million)

Table 10. World Chip Design Software Revenue by Player (2018-2023) & (USD Million)

Table 11. Revenue Market Share of Key Chip Design Software Players in 2022

Table 12. World Chip Design Software Industry Rank of Major Player, Based on Revenue in 2022

Table 13. Global Chip Design Software Company Evaluation Quadrant

Table 14. Head Office of Key Chip Design Software Player

Table 15. Chip Design Software Market: Company Product Type Footprint

Table 16. Chip Design Software Market: Company Product Application Footprint

Table 17. Chip Design Software Mergers & Acquisitions Activity

Table 18. United States VS China Chip Design Software Market Size Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 19. United States VS China Chip Design Software Consumption Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 20. United States Based Chip Design Software Companies, Headquarters (States, Country)

Table 21. United States Based Companies Chip Design Software Revenue, (2018-2023) & (USD Million)

Table 22. United States Based Companies Chip Design Software Revenue Market

Share (2018-2023)

Table 23. China Based Chip Design Software Companies, Headquarters (Province, Country)

Table 24. China Based Companies Chip Design Software Revenue, (2018-2023) & (USD Million)

Table 25. China Based Companies Chip Design Software Revenue Market Share (2018-2023)

Table 26. Rest of World Based Chip Design Software Companies, Headquarters (States, Country)

Table 27. Rest of World Based Companies Chip Design Software Revenue, (2018-2023) & (USD Million)

Table 28. Rest of World Based Companies Chip Design Software Revenue Market Share (2018-2023)

Table 29. World Chip Design Software Market Size by Type, (USD Million), 2018 & 2022 & 2029

Table 30. World Chip Design Software Market Size by Type (2018-2023) & (USD Million)

Table 31. World Chip Design Software Market Size by Type (2024-2029) & (USD Million)

Table 32. World Chip Design Software Market Size by Application, (USD Million), 2018 & 2022 & 2029

Table 33. World Chip Design Software Market Size by Application (2018-2023) & (USD Million)

Table 34. World Chip Design Software Market Size by Application (2024-2029) & (USD Million)

Table 35. Cadence Basic Information, Area Served and Competitors

Table 36. Cadence Major Business

Table 37. Cadence Chip Design Software Product and Services

Table 38. Cadence Chip Design Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 39. Cadence Recent Developments/Updates

Table 40. Cadence Competitive Strengths & Weaknesses

Table 41. Synopsys Basic Information, Area Served and Competitors

Table 42. Synopsys Major Business

Table 43. Synopsys Chip Design Software Product and Services

Table 44. Synopsys Chip Design Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)

Table 45. Synopsys Recent Developments/Updates

Table 46. Synopsys Competitive Strengths & Weaknesses

Table 47. Mentor Basic Information, Area Served and Competitors
Table 48. Mentor Major Business
Table 49. Mentor Chip Design Software Product and Services
Table 50. Mentor Chip Design Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 51. Mentor Recent Developments/Updates
Table 52. Mentor Competitive Strengths & Weaknesses
Table 53. Xilinx Basic Information, Area Served and Competitors
Table 54. Xilinx Major Business
Table 55. Xilinx Chip Design Software Product and Services
Table 56. Xilinx Chip Design Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 57. Xilinx Recent Developments/Updates
Table 58. Xilinx Competitive Strengths & Weaknesses
Table 59. Keysight Technologies Basic Information, Area Served and Competitors
Table 60. Keysight Technologies Major Business
Table 61. Keysight Technologies Chip Design Software Product and Services
Table 62. Keysight Technologies Chip Design Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 63. Keysight Technologies Recent Developments/Updates
Table 64. Keysight Technologies Competitive Strengths & Weaknesses
Table 65. Altium Basic Information, Area Served and Competitors
Table 66. Altium Major Business
Table 67. Altium Chip Design Software Product and Services
Table 68. Altium Chip Design Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 69. Altium Recent Developments/Updates
Table 70. Altium Competitive Strengths & Weaknesses
Table 71. Ansys Basic Information, Area Served and Competitors
Table 72. Ansys Major Business
Table 73. Ansys Chip Design Software Product and Services
Table 74. Ansys Chip Design Software Revenue, Gross Margin and Market Share (2018-2023) & (USD Million)
Table 75. Ansys Recent Developments/Updates
Table 76. Ansys Competitive Strengths & Weaknesses
Table 77. Silvaco Basic Information, Area Served and Competitors
Table 78. Silvaco Major Business
Table 79. Silvaco Chip Design Software Product and Services
Table 80. Silvaco Chip Design Software Revenue, Gross Margin and Market Share

(2018-2023) & (USD Million)

Table 81. Silvaco Recent Developments/Updates

Table 82. Silvaco Competitive Strengths & Weaknesses

Table 83. AWR Basic Information, Area Served and Competitors

Table 84. AWR Major Business

Table 85. AWR Chip Design Software Product and Services

Table 86. AWR Chip Design Software Revenue, Gross Margin and Market Share

(2018-2023) & (USD Million)

Table 87. AWR Recent Developments/Updates

Table 88. Aldec Basic Information, Area Served and Competitors

Table 89. Aldec Major Business

Table 90. Aldec Chip Design Software Product and Services

Table 91. Aldec Chip Design Software Revenue, Gross Margin and Market Share

(2018-2023) & (USD Million)

Table 92. Global Key Players of Chip Design Software Upstream (Raw Materials)

Table 93. Chip Design Software Typical Customers

LIST OF FIGURE

Figure 1. Chip Design Software Picture

Figure 2. World Chip Design Software Total Market Size: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Chip Design Software Total Market Size (2018-2029) & (USD Million)

Figure 4. World Chip Design Software Revenue Market Share by Region (2018, 2022 and 2029) & (USD Million) , (by Headquarter Location)

Figure 5. World Chip Design Software Revenue Market Share by Region (2018-2029), (by Headquarter Location)

Figure 6. United States Based Company Chip Design Software Revenue (2018-2029) & (USD Million)

Figure 7. China Based Company Chip Design Software Revenue (2018-2029) & (USD Million)

Figure 8. Europe Based Company Chip Design Software Revenue (2018-2029) & (USD Million)

Figure 9. Japan Based Company Chip Design Software Revenue (2018-2029) & (USD Million)

Figure 10. South Korea Based Company Chip Design Software Revenue (2018-2029) & (USD Million)

Figure 11. ASEAN Based Company Chip Design Software Revenue (2018-2029) & (USD Million)

Figure 12. India Based Company Chip Design Software Revenue (2018-2029) & (USD Million)

Figure 13. Chip Design Software Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Chip Design Software Consumption Value (2018-2029) & (USD Million)

Figure 16. World Chip Design Software Consumption Value Market Share by Region (2018-2029)

Figure 17. United States Chip Design Software Consumption Value (2018-2029) & (USD Million)

Figure 18. China Chip Design Software Consumption Value (2018-2029) & (USD Million)

Figure 19. Europe Chip Design Software Consumption Value (2018-2029) & (USD Million)

Figure 20. Japan Chip Design Software Consumption Value (2018-2029) & (USD Million)

Figure 21. South Korea Chip Design Software Consumption Value (2018-2029) & (USD Million)

Figure 22. ASEAN Chip Design Software Consumption Value (2018-2029) & (USD Million)

Figure 23. India Chip Design Software Consumption Value (2018-2029) & (USD Million)

Figure 24. Producer Shipments of Chip Design Software by Player Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Chip Design Software Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Chip Design Software Markets in 2022

Figure 27. United States VS China: Chip Design Software Revenue Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Chip Design Software Consumption Value Market Share Comparison (2018 & 2022 & 2029)

Figure 29. World Chip Design Software Market Size by Type, (USD Million), 2018 & 2022 & 2029

Figure 30. World Chip Design Software Market Size Market Share by Type in 2022

Figure 31. Integrated Circuit (IC) Design Tools

Figure 32. FPGA Design Tools

Figure 33. Other

Figure 34. World Chip Design Software Market Size Market Share by Type (2018-2029)

Figure 35. World Chip Design Software Market Size by Application, (USD Million), 2018

& 2022 & 2029

Figure 36. World Chip Design Software Market Size Market Share by Application in 2022

Figure 37. Semiconductor Industry

Figure 38. Consumer Electronics

Figure 39. Automobile

Figure 40. Aerospace and Defense

Figure 41. Medical Equipment

Figure 42. Other

Figure 43. Chip Design Software Industrial Chain

Figure 44. Methodology

Figure 45. Research Process and Data Source

I would like to order

Product name: Global Chip Design Software Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GEb644462783EN.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/GEb644462783EN.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