

Global Photonic Design Automation Software Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GABAEAC93B4DEN.html>

Date: September 2026

Pages: 150

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

ID: GABAEAC93B4DEN

Abstracts

The global Photonic Design Automation Software market size is expected to reach \$ 865 million by 2032, rising at a market growth of 11.8% CAGR during the forecast period (2026-2032).

Photonic Design Automation Software refers to specialized engineering software used to model, simulate, optimize, lay out, verify, and prepare photonic devices and photonic integrated circuits for fabrication. The market primarily covers electromagnetic and multiphysics solvers based on methods such as FDTD, FEM, BPM, EME, FDFD, and RCWA; photonic circuit and optical-link simulation platforms; parameterized component, compact-model, and process design kit development tools; physical-layout and automated waveguide-routing software; and photonic DRC, LVS, connectivity, and tape-out verification solutions. Advanced platforms may further support electronic-photonic co-design, thermal and packaging analysis, process-variation modeling, cloud-based computing, adjoint optimization, and inverse design. These tools evaluate optical modes, polarization, transmission, insertion loss, coupling efficiency, S-parameters, crosstalk, thermal drift, process tolerance, and system-level link behavior. Photonic Design Automation Software is mainly applied in silicon photonics, optical communications, datacenter interconnects, co-packaged optics, optical I/O, quantum photonics, photonic computing, LiDAR, integrated sensing, and active photonic-device development.

Key Findings

Device and component simulation represented approximately 34% of market revenue in 2025

Optical communications datacenter interconnect and co-packaged optics contributed roughly 39% of demand

North America remained the largest regional market while Asia Pacific accelerated local platform development

Commercial supply remained concentrated among integrated EDA groups and specialist photonics software vendors

Market Trends

Photonic Design Automation Software is shifting from fragmented, single-purpose simulation tools toward connected platforms linking device physics, circuit design, physical layout, foundry PDKs, verification, packaging, and complete optical-system behavior. Device-level accuracy remains essential, but customer purchasing decisions increasingly depend on workflow continuity, model reuse, process compatibility, and the ability to identify performance or manufacturability issues before tape-out. Cloud-native computing and GPU-accelerated solvers are shortening large three-dimensional simulation and optimization cycles, while Python-based workflows are enabling reusable components, automated regression testing, and closer integration with internal engineering systems. Inverse design, adjoint optimization, surrogate modeling, and AI-assisted design are moving from research environments into commercial products. PDK management is also becoming a strategic software layer, as foundries and designers require controlled model distribution, version management, multi-tool compatibility, fabrication-aware S-parameters, and tighter links between design, testing, and packaging. Recent product integration by major EDA groups and the emergence of end-to-end cloud platforms confirm that the long-term direction is a unified, manufacturing-aware photonic engineering environment rather than a collection of disconnected solvers.

Market Dynamics

Drivers

The principal market driver is the increasing design complexity of silicon photonics, high-speed optical transceivers, optical I/O, and co-packaged optics for AI and datacenter

infrastructure. Higher bandwidth density and tighter power budgets require simultaneous analysis of electronic drivers, modulators, waveguides, photodetectors, thermal behavior, packaging, and complete optical links. Expanding foundry PDK availability is lowering the barrier to PIC development while creating demand for qualified models, layout automation, design-rule checking, and pre-tape-out verification. Growth in quantum photonics, photonic computing, integrated sensing, and heterogeneous material platforms is further broadening the required range of solvers and design methodologies. The cost of repeated fabrication cycles also supports software investment because accurate simulation and manufacturing-aware verification can reduce prototype iterations and shorten development schedules.

Restraints

Market expansion is constrained by the limited number of experienced photonic designers, the lack of complete standardization across foundry PDKs, and the difficulty of maintaining consistent models between device, circuit, layout, package, and system domains. Enterprise software licenses and large-scale electromagnetic computing can represent a substantial cost for start-ups, universities, and smaller design teams. Broader engineering platforms may also require customers to purchase multiple modules or integrate third-party tools to complete the full workflow. In addition, photonic processes, material systems, and design rules vary significantly among foundries, limiting model portability and increasing validation requirements. Open-source layout and simulation tools, internally developed software, and bundled EDA products create pricing pressure for independent point-solution vendors.

Opportunities

The most attractive opportunities are emerging in manufacturing-aware PDK automation, cloud-based photonic simulation, electronic-photonic-package co-design, and automated physical verification. Wider adoption of silicon nitride, indium phosphide, thin-film lithium niobate, heterogeneous integration, and quantum-photonic processes creates demand for new component libraries and material-specific compact models. Foundries can use digital PDK management platforms to distribute validated models across multiple design environments, control intellectual-property access, generate simulation parameters, and reduce customer support workloads. Cloud-native vendors can expand adoption through usage-based pricing and scalable computing, while specialized suppliers can differentiate through quantum photonics, active-device TCAD, inverse design, metaoptics, or high-accuracy numerical methods. Integration of design

data with automated testing and characterization also creates opportunities to establish closed-loop design, fabrication, and model-calibration workflows.

Challenges

A major industry challenge is converting rapidly evolving academic algorithms into reliable software suitable for commercial tape-out decisions. AI-assisted and inverse-design tools must produce structures that remain manufacturable, explainable, and robust against process variation rather than merely delivering optimized simulated performance. Software vendors must continuously qualify foundry PDKs, maintain compatibility with changing process rules, and support multiple EDA environments without creating inconsistent model versions. Consolidation among large EDA and engineering-software groups may improve workflow integration but could reduce interoperability or place smaller suppliers under greater commercial pressure. Long development cycles in quantum photonics, optical computing, and emerging materials also create uncertainty regarding the timing of license expansion and customer conversion.

Value Chain Analysis

The upstream portion of the Photonic Design Automation Software value chain consists of numerical algorithms, electromagnetic and multiphysics simulation technologies, high-performance computing infrastructure, GPU and cloud resources, semiconductor process data, material libraries, compact models, and foundry design rules. Universities, research institutes, foundries, packaging providers, and measurement laboratories contribute device models, validated process parameters, test data, and design methodologies. These inputs are converted into commercial software through solver development, user-interface engineering, workflow integration, PDK qualification, model calibration, verification-rule development, documentation, cybersecurity, and ongoing technical support.

The midstream market includes integrated EDA groups, multiphysics and TCAD vendors, specialist photonics software companies, cloud-native platforms, and code-driven design ecosystems. Value creation is highest where a provider can combine accurate solvers with qualified PDKs, scalable computing, layout automation, physical verification, and stable interoperability. Software development and specialist engineering personnel account for a substantial share of operating costs, while the marginal cost of distributing an additional software license is relatively low. Downstream

customers include fabless photonic-chip companies, foundries, IDMs, optical-component suppliers, hyperscalers, systems companies, design-service providers, universities, and research laboratories. Revenue is generated through perpetual licenses, annual subscriptions, enterprise floating licenses, cloud-computing consumption, maintenance, PDK services, and commercial support for open-source platforms.

Segment Insights

By product function, device and component simulation remained the largest segment, accounting for approximately 34% of 2025 market revenue. This category benefits from the need to model waveguides, couplers, modulators, photodetectors, lasers, gratings, and material interactions before circuit integration. Photonic circuit and link simulation represented approximately 21%, supported by the transition from isolated device development toward complete transceiver, optical-link, and electronic-photonic analysis. Physical layout and routing accounted for approximately 17%, while PDK and compact-model tools, verification and signoff, and multidomain co-design formed smaller but strategically important categories.

The faster-developing segments are expected to be PDK management, physical verification, cloud-native computing, inverse design, and electronic-photonic-package co-design. Device solvers remain the technical foundation, but circuit models, layout connectivity, design-rule checking, process-variation analysis, and automated tape-out preparation are gaining purchasing priority as PIC complexity and foundry participation increase. Integrated platforms are consequently capturing a greater proportion of enterprise budgets, while specialist tools remain competitive in high-accuracy simulation, active devices, emerging materials, quantum photonics, and other technically differentiated applications.

Downstream Market Opportunities

Optical communications, datacenter interconnects, and co-packaged optics represented the largest downstream demand group, contributing approximately 39% of market demand in 2025. The strongest near-term opportunity arises from the need to design higher-bandwidth and lower-power optical links for AI accelerators, switches, and computing infrastructure. Photonic-chip developers and IDMs form the second major customer group, requiring reusable component libraries, foundry-qualified PDKs, circuit simulation, and physical verification. Quantum photonics, photonic computing, LiDAR,

biosensing, microwave photonics, and integrated laser technologies provide additional opportunities, although their purchasing cycles remain more dependent on funding conditions, fabrication access, and application commercialization. Software suppliers that support multiple material platforms and connect design with testing, packaging, and manufacturing data are positioned to capture a larger share of these emerging applications.

Regional Insights

North America remained the largest regional market, supported by the concentration of leading EDA and engineering-software companies, hyperscale datacenter investment, silicon-photonics developers, optical-component suppliers, quantum-technology companies, and advanced research institutions. The region has particularly strong demand for complete electronic-photonic workflows, cloud simulation, co-packaged optics, optical I/O, and photonic computing. Europe maintains a strong position in specialist numerical solvers, multiphysics simulation, photonic PDK development, integrated-photonics research, and silicon nitride and indium phosphide ecosystems. Its supplier base contains a relatively high proportion of technically focused small and medium-sized software companies.

Asia Pacific is developing faster from a smaller commercial software base, supported by semiconductor manufacturing, optical-module production, foundry investment, and policies promoting domestic EDA capabilities. China is beginning to establish local Photonic Design Automation Software supply through domestic solver development and the acquisition of established international PDA capabilities. Japan, South Korea, and Taiwan remain important user markets because of their semiconductor, communications, display, sensing, and foundry industries, although their independent commercial PDA supplier bases remain limited. Regional opportunities will increasingly depend on local technical support, foundry PDK coverage, data-security requirements, language localization, and compatibility with domestic semiconductor-design workflows.

Competitive Landscape Analysis

The Photonic Design Automation Software market has a layered competitive structure rather than a single uniform supplier group. Large EDA and engineering-software companies compete through broad electronic-photonic workflows, enterprise procurement relationships, physical verification, system analysis, and integration with

semiconductor-design infrastructure. Specialist vendors compete through numerical accuracy, active-device modeling, photonic-circuit simulation, PDK development, code-driven layout, or support for particular material platforms. Cloud-native entrants are differentiating through scalable simulation, usage-based access, rapid optimization, and integrated foundry workflows. Strategic consolidation has accelerated: Synopsys has connected OptoCompiler with Lumerical technologies following its acquisition of Ansys; Keysight has assembled device-, circuit-, and system-level capabilities through RSoft, Photonic Designer, and VPIphotonics; and Semitronix has expanded into silicon-photonics design automation through its acquisition of Luceda. These developments are increasing competition for end-to-end platform control, while preserving opportunities for smaller suppliers in PDK automation, quantum photonics, emerging materials, inverse design, and high-accuracy specialist simulation. Future competitive advantage will depend on qualified foundry coverage, workflow interoperability, model traceability, cloud performance, and the ability to connect simulation results with fabrication and test data.

Report Scope

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

This report is a detailed and comprehensive analysis of the world market for Photonic Design Automation Software, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Photonic Design Automation Software that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Photonic Design Automation Software total market, 2021-2032, (USD Million)

Global Photonic Design Automation Software total market by region & country, CAGR, 2021-2032, (USD Million)

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

Global Photonic Design Automation Software revenue by player, revenue and market share 2021-2026, (USD Million)

Global Photonic Design Automation Software total market by Type, CAGR, 2021-2032, (USD Million)

Global Photonic Design Automation Software total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Photonic Design Automation 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 Synopsys, Inc., Keysight Technologies, Inc., Cadence Design Systems, Inc., Siemens AG, COMSOL AB, Flexcompute Inc., Semitronix Corporation, Dassault Systèmes SE, Optiwave Systems Inc., Photon Design Ltd., 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 Photonic Design Automation 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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Photonic Design Automation Software Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global Photonic Design Automation Software Market, Segmentation by Type:

Device and Component Modeling

Circuit and Link Simulation

Physical Layout and Routing

Others

Global Photonic Design Automation Software Market, Segmentation by Product Function:

Electromagnetic Solvers

Photonic Circuit Simulators

Layout Automation Tools

Others

Global Photonic Design Automation Software Market, Segmentation by Deployment and Commercial Model:

Desktop or Node-Locked License

Floating Enterprise License

Subscription Software

Others

Global Photonic Design Automation Software Market, Segmentation by Application:

Optical Communications and Datacenter Interconnect

Co-packaged Optics and Optical I/O

Quantum Photonics

Others

Companies Profiled:

Synopsys, Inc.

Keysight Technologies, Inc.

Cadence Design Systems, Inc.

Siemens AG

COMSOL AB

Flexcompute Inc.

Semitronix Corporation

Dassault Systèmes SE

Optiwave Systems Inc.

Photon Design Ltd.

Silvaco Group, Inc.

JCMwave GmbH

Latitude Design Systems Pte. Ltd.

LightTrans International GmbH

Crosslight Software Inc.

PlanOpSim NV

Shanghai Xinhua Quantum Technology Co., Ltd.

BRIGHT Photonics B.V.

Wave Photonics Ltd.

Key Questions Answered

1. How big is the global Photonic Design Automation Software market?
2. What is the demand of the global Photonic Design Automation Software market?
3. What is the year over year growth of the global Photonic Design Automation Software market?
4. What is the total value of the global Photonic Design Automation Software market?
5. Who are the Major Players in the global Photonic Design Automation Software market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Photonic Design Automation Software Introduction
- 1.2 World Photonic Design Automation Software Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World Photonic Design Automation Software Total Market by Region (by Headquarter Location)
 - 1.3.1 World Photonic Design Automation Software Market Size by Region (2021-2032), (by Headquarter Location)
 - 1.3.2 United States Based Company Photonic Design Automation Software Revenue (2021-2032)
 - 1.3.3 China Based Company Photonic Design Automation Software Revenue (2021-2032)
 - 1.3.4 Europe Based Company Photonic Design Automation Software Revenue (2021-2032)
 - 1.3.5 Japan Based Company Photonic Design Automation Software Revenue (2021-2032)
 - 1.3.6 South Korea Based Company Photonic Design Automation Software Revenue (2021-2032)
 - 1.3.7 ASEAN Based Company Photonic Design Automation Software Revenue (2021-2032)
 - 1.3.8 India Based Company Photonic Design Automation Software Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Photonic Design Automation Software Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Photonic Design Automation Software Consumption Value (2021-2032)
- 2.2 World Photonic Design Automation Software Consumption Value by Region
 - 2.2.1 World Photonic Design Automation Software Consumption Value by Region (2021-2026)
 - 2.2.2 World Photonic Design Automation Software Consumption Value Forecast by Region (2027-2032)
- 2.3 United States Photonic Design Automation Software Consumption Value

(2021-2032)

2.4 China Photonic Design Automation Software Consumption Value (2021-2032)

2.5 Europe Photonic Design Automation Software Consumption Value (2021-2032)

2.6 Japan Photonic Design Automation Software Consumption Value (2021-2032)

2.7 South Korea Photonic Design Automation Software Consumption Value
(2021-2032)

2.8 ASEAN Photonic Design Automation Software Consumption Value (2021-2032)

2.9 India Photonic Design Automation Software Consumption Value (2021-2032)

3 WORLD PHOTONIC DESIGN AUTOMATION SOFTWARE COMPANIES COMPETITIVE ANALYSIS

3.1 World Photonic Design Automation Software Revenue by Player (2021-2026)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global Photonic Design Automation Software Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for Photonic Design Automation Software in
2025

3.2.3 Global Concentration Ratios (CR8) for Photonic Design Automation Software in
2025

3.3 Photonic Design Automation Software Company Evaluation Quadrant

3.4 Photonic Design Automation Software Market: Overall Company Footprint Analysis

3.4.1 Photonic Design Automation Software Market: Region Footprint

3.4.2 Photonic Design Automation Software Market: Company Product Type Footprint

3.4.3 Photonic Design Automation 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 WORLD (BY HEADQUARTER LOCATION)

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

4.1.1 United States VS China: Photonic Design Automation Software Revenue
Comparison (2021 & 2025 & 2032) (by Headquarter Location)

4.1.2 United States VS China: Photonic Design Automation Software Revenue Market

Share Comparison (2021 & 2025 & 2032)

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

4.2.1 United States VS China: Photonic Design Automation Software Consumption Value Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Photonic Design Automation Software Consumption Value Market Share Comparison (2021 & 2025 & 2032)

4.3 United States Based Photonic Design Automation Software Companies and Market Share, 2021-2026

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

4.3.2 United States Based Companies Photonic Design Automation Software Revenue, (2021-2026)

4.4 China Based Companies Photonic Design Automation Software Revenue and Market Share, 2021-2026

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

4.4.2 China Based Companies Photonic Design Automation Software Revenue, (2021-2026)

4.5 Rest of World Based Photonic Design Automation Software Companies and Market Share, 2021-2026

4.5.1 Rest of World Based Photonic Design Automation Software Companies, Headquarters (Province, Country)

4.5.2 Rest of World Based Companies Photonic Design Automation Software Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Photonic Design Automation Software Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Device and Component Modeling

5.2.2 Circuit and Link Simulation

5.2.3 Physical Layout and Routing

5.2.4 Others

5.3 Market Segment by Type

5.3.1 World Photonic Design Automation Software Market Size by Type (2021-2026)

5.3.2 World Photonic Design Automation Software Market Size by Type (2027-2032)

5.3.3 World Photonic Design Automation Software Market Size Market Share by Type

(2027-2032)

6 MARKET ANALYSIS BY PRODUCT FUNCTION

6.1 World Photonic Design Automation Software Market Size Overview by Product Function: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Product Function

6.2.1 Electromagnetic Solvers

6.2.2 Photonic Circuit Simulators

6.2.3 Layout Automation Tools

6.2.4 Others

6.3 Market Segment by Product Function

6.3.1 World Photonic Design Automation Software Market Size by Product Function (2021-2026)

6.3.2 World Photonic Design Automation Software Market Size by Product Function (2027-2032)

6.3.3 World Photonic Design Automation Software Market Size Market Share by Product Function (2027-2032)

7 MARKET ANALYSIS BY DEPLOYMENT AND COMMERCIAL MODEL

7.1 World Photonic Design Automation Software Market Size Overview by Deployment and Commercial Model: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Deployment and Commercial Model

7.2.1 Desktop or Node-Locked License

7.2.2 Floating Enterprise License

7.2.3 Subscription Software

7.2.4 Others

7.3 Market Segment by Deployment and Commercial Model

7.3.1 World Photonic Design Automation Software Market Size by Deployment and Commercial Model (2021-2026)

7.3.2 World Photonic Design Automation Software Market Size by Deployment and Commercial Model (2027-2032)

7.3.3 World Photonic Design Automation Software Market Size Market Share by Deployment and Commercial Model (2027-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Photonic Design Automation Software Market Size Overview by Application:

2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Optical Communications and Datacenter Interconnect

8.2.2 Co-packaged Optics and Optical I/O

8.2.3 Quantum Photonics

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Photonic Design Automation Software Market Size by Application (2021-2026)

8.3.2 World Photonic Design Automation Software Market Size by Application (2027-2032)

8.3.3 World Photonic Design Automation Software Market Size Market Share by Application (2021-2032)

9 COMPANY PROFILES

9.1 Synopsys, Inc.

9.1.1 Synopsys, Inc. Details

9.1.2 Synopsys, Inc. Major Business

9.1.3 Synopsys, Inc. Photonic Design Automation Software Product and Services

9.1.4 Synopsys, Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.1.5 Synopsys, Inc. Recent Developments/Updates

9.1.6 Synopsys, Inc. Competitive Strengths & Weaknesses

9.2 Keysight Technologies, Inc.

9.2.1 Keysight Technologies, Inc. Details

9.2.2 Keysight Technologies, Inc. Major Business

9.2.3 Keysight Technologies, Inc. Photonic Design Automation Software Product and Services

9.2.4 Keysight Technologies, Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.2.5 Keysight Technologies, Inc. Recent Developments/Updates

9.2.6 Keysight Technologies, Inc. Competitive Strengths & Weaknesses

9.3 Cadence Design Systems, Inc.

9.3.1 Cadence Design Systems, Inc. Details

9.3.2 Cadence Design Systems, Inc. Major Business

9.3.3 Cadence Design Systems, Inc. Photonic Design Automation Software Product and Services

9.3.4 Cadence Design Systems, Inc. Photonic Design Automation Software Revenue,

Gross Margin and Market Share (2021-2026)

9.3.5 Cadence Design Systems, Inc. Recent Developments/Updates

9.3.6 Cadence Design Systems, Inc. Competitive Strengths & Weaknesses

9.4 Siemens AG

9.4.1 Siemens AG Details

9.4.2 Siemens AG Major Business

9.4.3 Siemens AG Photonic Design Automation Software Product and Services

9.4.4 Siemens AG Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.4.5 Siemens AG Recent Developments/Updates

9.4.6 Siemens AG Competitive Strengths & Weaknesses

9.5 COMSOL AB

9.5.1 COMSOL AB Details

9.5.2 COMSOL AB Major Business

9.5.3 COMSOL AB Photonic Design Automation Software Product and Services

9.5.4 COMSOL AB Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.5.5 COMSOL AB Recent Developments/Updates

9.5.6 COMSOL AB Competitive Strengths & Weaknesses

9.6 Flexcompute Inc.

9.6.1 Flexcompute Inc. Details

9.6.2 Flexcompute Inc. Major Business

9.6.3 Flexcompute Inc. Photonic Design Automation Software Product and Services

9.6.4 Flexcompute Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.6.5 Flexcompute Inc. Recent Developments/Updates

9.6.6 Flexcompute Inc. Competitive Strengths & Weaknesses

9.7 Semitronix Corporation

9.7.1 Semitronix Corporation Details

9.7.2 Semitronix Corporation Major Business

9.7.3 Semitronix Corporation Photonic Design Automation Software Product and Services

9.7.4 Semitronix Corporation Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.7.5 Semitronix Corporation Recent Developments/Updates

9.7.6 Semitronix Corporation Competitive Strengths & Weaknesses

9.8 Dassault Systèmes SE

9.8.1 Dassault Systèmes SE Details

9.8.2 Dassault Systèmes SE Major Business

9.8.3 Dassault Systèmes SE Photonic Design Automation Software Product and Services

9.8.4 Dassault Systèmes SE Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.8.5 Dassault Systèmes SE Recent Developments/Updates

9.8.6 Dassault Systèmes SE Competitive Strengths & Weaknesses

9.9 Optiwave Systems Inc.

9.9.1 Optiwave Systems Inc. Details

9.9.2 Optiwave Systems Inc. Major Business

9.9.3 Optiwave Systems Inc. Photonic Design Automation Software Product and Services

9.9.4 Optiwave Systems Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.9.5 Optiwave Systems Inc. Recent Developments/Updates

9.9.6 Optiwave Systems Inc. Competitive Strengths & Weaknesses

9.10 Photon Design Ltd.

9.10.1 Photon Design Ltd. Details

9.10.2 Photon Design Ltd. Major Business

9.10.3 Photon Design Ltd. Photonic Design Automation Software Product and Services

9.10.4 Photon Design Ltd. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.10.5 Photon Design Ltd. Recent Developments/Updates

9.10.6 Photon Design Ltd. Competitive Strengths & Weaknesses

9.11 Silvaco Group, Inc.

9.11.1 Silvaco Group, Inc. Details

9.11.2 Silvaco Group, Inc. Major Business

9.11.3 Silvaco Group, Inc. Photonic Design Automation Software Product and Services

9.11.4 Silvaco Group, Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.11.5 Silvaco Group, Inc. Recent Developments/Updates

9.11.6 Silvaco Group, Inc. Competitive Strengths & Weaknesses

9.12 JCMwave GmbH

9.12.1 JCMwave GmbH Details

9.12.2 JCMwave GmbH Major Business

9.12.3 JCMwave GmbH Photonic Design Automation Software Product and Services

9.12.4 JCMwave GmbH Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.12.5 JCMwave GmbH Recent Developments/Updates

- 9.12.6 JCMwave GmbH Competitive Strengths & Weaknesses
- 9.13 Latitude Design Systems Pte. Ltd.
 - 9.13.1 Latitude Design Systems Pte. Ltd. Details
 - 9.13.2 Latitude Design Systems Pte. Ltd. Major Business
 - 9.13.3 Latitude Design Systems Pte. Ltd. Photonic Design Automation Software Product and Services
 - 9.13.4 Latitude Design Systems Pte. Ltd. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Latitude Design Systems Pte. Ltd. Recent Developments/Updates
 - 9.13.6 Latitude Design Systems Pte. Ltd. Competitive Strengths & Weaknesses
- 9.14 LightTrans International GmbH
 - 9.14.1 LightTrans International GmbH Details
 - 9.14.2 LightTrans International GmbH Major Business
 - 9.14.3 LightTrans International GmbH Photonic Design Automation Software Product and Services
 - 9.14.4 LightTrans International GmbH Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)
 - 9.14.5 LightTrans International GmbH Recent Developments/Updates
 - 9.14.6 LightTrans International GmbH Competitive Strengths & Weaknesses
- 9.15 Crosslight Software Inc.
 - 9.15.1 Crosslight Software Inc. Details
 - 9.15.2 Crosslight Software Inc. Major Business
 - 9.15.3 Crosslight Software Inc. Photonic Design Automation Software Product and Services
 - 9.15.4 Crosslight Software Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Crosslight Software Inc. Recent Developments/Updates
 - 9.15.6 Crosslight Software Inc. Competitive Strengths & Weaknesses
- 9.16 PlanOpSim NV
 - 9.16.1 PlanOpSim NV Details
 - 9.16.2 PlanOpSim NV Major Business
 - 9.16.3 PlanOpSim NV Photonic Design Automation Software Product and Services
 - 9.16.4 PlanOpSim NV Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)
 - 9.16.5 PlanOpSim NV Recent Developments/Updates
 - 9.16.6 PlanOpSim NV Competitive Strengths & Weaknesses
- 9.17 Shanghai Xinhua Quantum Technology Co., Ltd.
 - 9.17.1 Shanghai Xinhua Quantum Technology Co., Ltd. Details
 - 9.17.2 Shanghai Xinhua Quantum Technology Co., Ltd. Major Business

9.17.3 Shanghai Xinhua Quantum Technology Co., Ltd. Photonic Design Automation Software Product and Services

9.17.4 Shanghai Xinhua Quantum Technology Co., Ltd. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.17.5 Shanghai Xinhua Quantum Technology Co., Ltd. Recent Developments/Updates

9.17.6 Shanghai Xinhua Quantum Technology Co., Ltd. Competitive Strengths & Weaknesses

9.18 BRIGHT Photonics B.V.

9.18.1 BRIGHT Photonics B.V. Details

9.18.2 BRIGHT Photonics B.V. Major Business

9.18.3 BRIGHT Photonics B.V. Photonic Design Automation Software Product and Services

9.18.4 BRIGHT Photonics B.V. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.18.5 BRIGHT Photonics B.V. Recent Developments/Updates

9.18.6 BRIGHT Photonics B.V. Competitive Strengths & Weaknesses

9.19 Wave Photonics Ltd.

9.19.1 Wave Photonics Ltd. Details

9.19.2 Wave Photonics Ltd. Major Business

9.19.3 Wave Photonics Ltd. Photonic Design Automation Software Product and Services

9.19.4 Wave Photonics Ltd. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026)

9.19.5 Wave Photonics Ltd. Recent Developments/Updates

9.19.6 Wave Photonics Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Photonic Design Automation Software Industry Chain

10.2 Photonic Design Automation Software Upstream Analysis

10.3 Photonic Design Automation Software Midstream Analysis

10.4 Photonic Design Automation Software Downstream Analysis

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Photonic Design Automation Software Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Table 2. World Photonic Design Automation Software Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)

Table 3. World Photonic Design Automation Software Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)

Table 4. World Photonic Design Automation Software Revenue Market Share by Region (2021-2026), (by Headquarter Location)

Table 5. World Photonic Design Automation Software Revenue Market Share by Region (2027-2032), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World Photonic Design Automation Software Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)

Table 8. World Photonic Design Automation Software Consumption Value by Region (2021-2026) & (USD Million)

Table 9. World Photonic Design Automation Software Consumption Value Forecast by Region (2027-2032) & (USD Million)

Table 10. World Photonic Design Automation Software Revenue by Player (2021-2026) & (USD Million)

Table 11. Revenue Market Share of Key Photonic Design Automation Software Players in 2025

Table 12. World Photonic Design Automation Software Industry Rank of Major Player, Based on Revenue in 2025

Table 13. Global Photonic Design Automation Software Company Evaluation Quadrant

Table 14. Head Office of Key Photonic Design Automation Software Players

Table 15. Photonic Design Automation Software Market: Company Product Type Footprint

Table 16. Photonic Design Automation Software Market: Company Product Application Footprint

Table 17. Photonic Design Automation Software Mergers & Acquisitions Activity

Table 18. United States VS China Photonic Design Automation Software Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 19. United States VS China Photonic Design Automation Software Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 20. United States Based Photonic Design Automation Software Companies,

Headquarters (States, Country)

Table 21. United States Based Companies Photonic Design Automation Software Revenue, (2021-2026) & (USD Million)

Table 22. United States Based Companies Photonic Design Automation Software Revenue Market Share (2021-2026)

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

Table 24. China Based Companies Photonic Design Automation Software Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies Photonic Design Automation Software Revenue Market Share (2021-2026)

Table 26. Rest of World Based Photonic Design Automation Software Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies Photonic Design Automation Software Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies Photonic Design Automation Software Revenue Market Share (2021-2026)

Table 29. World Photonic Design Automation Software Market Size by Type, (USD Million), 2021 & 2025 & 2032

Table 30. World Photonic Design Automation Software Market Size Value by Type (2021-2026) & (USD Million)

Table 31. World Photonic Design Automation Software Market Size by Type (2027-2032) & (USD Million)

Table 32. World Photonic Design Automation Software Market Size by Product Function, (USD Million), 2021 & 2025 & 2032

Table 33. World Photonic Design Automation Software Market Size Value by Product Function (2021-2026) & (USD Million)

Table 34. World Photonic Design Automation Software Market Size by Product Function (2027-2032) & (USD Million)

Table 35. World Photonic Design Automation Software Market Size by Deployment and Commercial Model, (USD Million), 2021 & 2025 & 2032

Table 36. World Photonic Design Automation Software Market Size Value by Deployment and Commercial Model (2021-2026) & (USD Million)

Table 37. World Photonic Design Automation Software Market Size by Deployment and Commercial Model (2027-2032) & (USD Million)

Table 38. World Photonic Design Automation Software Market Size by Application, (USD Million), 2021 & 2025 & 2032

Table 39. World Photonic Design Automation Software Market Size by Application (2021-2026) & (USD Million)

Table 40. World Photonic Design Automation Software Market Size by Application (2027-2032) & (USD Million)

Table 41. Synopsys, Inc. Basic Information, Manufacturing Base and Competitors

Table 42. Synopsys, Inc. Major Business

Table 43. Synopsys, Inc. Photonic Design Automation Software Product and Services

Table 44. Synopsys, Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 45. Synopsys, Inc. Recent Developments/Updates

Table 46. Synopsys, Inc. Competitive Strengths & Weaknesses

Table 47. Keysight Technologies, Inc. Basic Information, Manufacturing Base and Competitors

Table 48. Keysight Technologies, Inc. Major Business

Table 49. Keysight Technologies, Inc. Photonic Design Automation Software Product and Services

Table 50. Keysight Technologies, Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 51. Keysight Technologies, Inc. Recent Developments/Updates

Table 52. Keysight Technologies, Inc. Competitive Strengths & Weaknesses

Table 53. Cadence Design Systems, Inc. Basic Information, Manufacturing Base and Competitors

Table 54. Cadence Design Systems, Inc. Major Business

Table 55. Cadence Design Systems, Inc. Photonic Design Automation Software Product and Services

Table 56. Cadence Design Systems, Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 57. Cadence Design Systems, Inc. Recent Developments/Updates

Table 58. Cadence Design Systems, Inc. Competitive Strengths & Weaknesses

Table 59. Siemens AG Basic Information, Manufacturing Base and Competitors

Table 60. Siemens AG Major Business

Table 61. Siemens AG Photonic Design Automation Software Product and Services

Table 62. Siemens AG Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 63. Siemens AG Recent Developments/Updates

Table 64. Siemens AG Competitive Strengths & Weaknesses

Table 65. COMSOL AB Basic Information, Manufacturing Base and Competitors

Table 66. COMSOL AB Major Business

Table 67. COMSOL AB Photonic Design Automation Software Product and Services

Table 68. COMSOL AB Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 69. COMSOL AB Recent Developments/Updates
Table 70. COMSOL AB Competitive Strengths & Weaknesses
Table 71. Flexcompute Inc. Basic Information, Manufacturing Base and Competitors
Table 72. Flexcompute Inc. Major Business
Table 73. Flexcompute Inc. Photonic Design Automation Software Product and Services
Table 74. Flexcompute Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 75. Flexcompute Inc. Recent Developments/Updates
Table 76. Flexcompute Inc. Competitive Strengths & Weaknesses
Table 77. Semitronix Corporation Basic Information, Manufacturing Base and Competitors
Table 78. Semitronix Corporation Major Business
Table 79. Semitronix Corporation Photonic Design Automation Software Product and Services
Table 80. Semitronix Corporation Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 81. Semitronix Corporation Recent Developments/Updates
Table 82. Semitronix Corporation Competitive Strengths & Weaknesses
Table 83. Dassault Systèmes SE Basic Information, Manufacturing Base and Competitors
Table 84. Dassault Systèmes SE Major Business
Table 85. Dassault Systèmes SE Photonic Design Automation Software Product and Services
Table 86. Dassault Systèmes SE Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 87. Dassault Systèmes SE Recent Developments/Updates
Table 88. Dassault Systèmes SE Competitive Strengths & Weaknesses
Table 89. Optiwave Systems Inc. Basic Information, Manufacturing Base and Competitors
Table 90. Optiwave Systems Inc. Major Business
Table 91. Optiwave Systems Inc. Photonic Design Automation Software Product and Services
Table 92. Optiwave Systems Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 93. Optiwave Systems Inc. Recent Developments/Updates
Table 94. Optiwave Systems Inc. Competitive Strengths & Weaknesses
Table 95. Photon Design Ltd. Basic Information, Manufacturing Base and Competitors
Table 96. Photon Design Ltd. Major Business
Table 97. Photon Design Ltd. Photonic Design Automation Software Product and

Services

Table 98. Photon Design Ltd. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 99. Photon Design Ltd. Recent Developments/Updates

Table 100. Photon Design Ltd. Competitive Strengths & Weaknesses

Table 101. Silvaco Group, Inc. Basic Information, Manufacturing Base and Competitors

Table 102. Silvaco Group, Inc. Major Business

Table 103. Silvaco Group, Inc. Photonic Design Automation Software Product and Services

Table 104. Silvaco Group, Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 105. Silvaco Group, Inc. Recent Developments/Updates

Table 106. Silvaco Group, Inc. Competitive Strengths & Weaknesses

Table 107. JCMwave GmbH Basic Information, Manufacturing Base and Competitors

Table 108. JCMwave GmbH Major Business

Table 109. JCMwave GmbH Photonic Design Automation Software Product and Services

Table 110. JCMwave GmbH Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 111. JCMwave GmbH Recent Developments/Updates

Table 112. JCMwave GmbH Competitive Strengths & Weaknesses

Table 113. Latitude Design Systems Pte. Ltd. Basic Information, Manufacturing Base and Competitors

Table 114. Latitude Design Systems Pte. Ltd. Major Business

Table 115. Latitude Design Systems Pte. Ltd. Photonic Design Automation Software Product and Services

Table 116. Latitude Design Systems Pte. Ltd. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 117. Latitude Design Systems Pte. Ltd. Recent Developments/Updates

Table 118. Latitude Design Systems Pte. Ltd. Competitive Strengths & Weaknesses

Table 119. LightTrans International GmbH Basic Information, Manufacturing Base and Competitors

Table 120. LightTrans International GmbH Major Business

Table 121. LightTrans International GmbH Photonic Design Automation Software Product and Services

Table 122. LightTrans International GmbH Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 123. LightTrans International GmbH Recent Developments/Updates

Table 124. LightTrans International GmbH Competitive Strengths & Weaknesses

Table 125. Crosslight Software Inc. Basic Information, Manufacturing Base and Competitors

Table 126. Crosslight Software Inc. Major Business

Table 127. Crosslight Software Inc. Photonic Design Automation Software Product and Services

Table 128. Crosslight Software Inc. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 129. Crosslight Software Inc. Recent Developments/Updates

Table 130. Crosslight Software Inc. Competitive Strengths & Weaknesses

Table 131. PlanOpSim NV Basic Information, Manufacturing Base and Competitors

Table 132. PlanOpSim NV Major Business

Table 133. PlanOpSim NV Photonic Design Automation Software Product and Services

Table 134. PlanOpSim NV Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 135. PlanOpSim NV Recent Developments/Updates

Table 136. PlanOpSim NV Competitive Strengths & Weaknesses

Table 137. Shanghai Xinhua Quantum Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 138. Shanghai Xinhua Quantum Technology Co., Ltd. Major Business

Table 139. Shanghai Xinhua Quantum Technology Co., Ltd. Photonic Design Automation Software Product and Services

Table 140. Shanghai Xinhua Quantum Technology Co., Ltd. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 141. Shanghai Xinhua Quantum Technology Co., Ltd. Recent Developments/Updates

Table 142. Shanghai Xinhua Quantum Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 143. BRIGHT Photonics B.V. Basic Information, Manufacturing Base and Competitors

Table 144. BRIGHT Photonics B.V. Major Business

Table 145. BRIGHT Photonics B.V. Photonic Design Automation Software Product and Services

Table 146. BRIGHT Photonics B.V. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 147. BRIGHT Photonics B.V. Recent Developments/Updates

Table 148. BRIGHT Photonics B.V. Competitive Strengths & Weaknesses

Table 149. Wave Photonics Ltd. Basic Information, Manufacturing Base and Competitors

Table 150. Wave Photonics Ltd. Major Business

Table 151. Wave Photonics Ltd. Photonic Design Automation Software Product and Services

Table 152. Wave Photonics Ltd. Photonic Design Automation Software Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 153. Wave Photonics Ltd. Recent Developments/Updates

Table 154. Wave Photonics Ltd. Competitive Strengths & Weaknesses

Table 155. Global Key Players of Photonic Design Automation Software Upstream (Raw Materials)

Table 156. Global Photonic Design Automation Software Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Photonic Design Automation Software Picture

Figure 2. World Photonic Design Automation Software Total Revenue: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Photonic Design Automation Software Total Revenue (2021-2032) & (USD Million)

Figure 4. World Photonic Design Automation Software Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Figure 5. World Photonic Design Automation Software Revenue Market Share by Region (2021-2032), (by Headquarter Location)

Figure 6. United States Based Company Photonic Design Automation Software Revenue (2021-2032) & (USD Million)

Figure 7. China Based Company Photonic Design Automation Software Revenue (2021-2032) & (USD Million)

Figure 8. Europe Based Company Photonic Design Automation Software Revenue (2021-2032) & (USD Million)

Figure 9. Japan Based Company Photonic Design Automation Software Revenue (2021-2032) & (USD Million)

Figure 10. South Korea Based Company Photonic Design Automation Software Revenue (2021-2032) & (USD Million)

Figure 11. ASEAN Based Company Photonic Design Automation Software Revenue (2021-2032) & (USD Million)

Figure 12. India Based Company Photonic Design Automation Software Revenue (2021-2032) & (USD Million)

Figure 13. Photonic Design Automation Software Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Photonic Design Automation Software Consumption Value (2021-2032) & (USD Million)

Figure 16. World Photonic Design Automation Software Consumption Value Market Share by Region (2021-2032)

Figure 17. United States Photonic Design Automation Software Consumption Value (2021-2032) & (USD Million)

Figure 18. China Photonic Design Automation Software Consumption Value (2021-2032) & (USD Million)

Figure 19. Europe Photonic Design Automation Software Consumption Value (2021-2032) & (USD Million)

- Figure 20. Japan Photonic Design Automation Software Consumption Value (2021-2032) & (USD Million)
- Figure 21. South Korea Photonic Design Automation Software Consumption Value (2021-2032) & (USD Million)
- Figure 22. ASEAN Photonic Design Automation Software Consumption Value (2021-2032) & (USD Million)
- Figure 23. India Photonic Design Automation Software Consumption Value (2021-2032) & (USD Million)
- Figure 24. Producer Shipments of Photonic Design Automation Software by Player Revenue (\$MM) and Market Share (%): 2025
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Photonic Design Automation Software Markets in 2025
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Photonic Design Automation Software Markets in 2025
- Figure 27. United States VS China: Photonic Design Automation Software Revenue Market Share Comparison (2021 & 2025 & 2032)
- Figure 28. United States VS China: Photonic Design Automation Software Consumption Value Market Share Comparison (2021 & 2025 & 2032)
- Figure 29. World Photonic Design Automation Software Market Size by Type, (USD Million), 2021 & 2025 & 2032
- Figure 30. World Photonic Design Automation Software Market Size Market Share by Type in 2025
- Figure 31. Device and Component Modeling
- Figure 32. Circuit and Link Simulation
- Figure 33. Physical Layout and Routing
- Figure 34. Others
- Figure 35. World Photonic Design Automation Software Market Size Market Share by Type (2021-2032)
- Figure 36. World Photonic Design Automation Software Market Size by Product Function, (USD Million), 2021 & 2025 & 2032
- Figure 37. World Photonic Design Automation Software Market Size Market Share by Product Function in 2025
- Figure 38. Electromagnetic Solvers
- Figure 39. Photonic Circuit Simulators
- Figure 40. Layout Automation Tools
- Figure 41. Others
- Figure 42. World Photonic Design Automation Software Market Size Market Share by Product Function (2021-2032)
- Figure 43. World Photonic Design Automation Software Market Size by Deployment and

Commercial Model, (USD Million), 2021 & 2025 & 2032

Figure 44. World Photonic Design Automation Software Market Size Market Share by Deployment and Commercial Model in 2025

Figure 45. Desktop or Node-Locked License

Figure 46. Floating Enterprise License

Figure 47. Subscription Software

Figure 48. Others

Figure 49. World Photonic Design Automation Software Market Size Market Share by Deployment and Commercial Model (2021-2032)

Figure 50. World Photonic Design Automation Software Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 51. World Photonic Design Automation Software Market Size Market Share by Application in 2025

Figure 52. Optical Communications and Datacenter Interconnect

Figure 53. Co-packaged Optics and Optical I/O

Figure 54. Quantum Photonics

Figure 55. Others

Figure 56. World Photonic Design Automation Software Market Size Market Share by Application (2021-2032)

Figure 57. Photonic Design Automation Software Industrial Chain

Figure 58. Methodology

Figure 59. Research Process and Data Source

I would like to order

Product name: Global Photonic Design Automation Software Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GABAEAC93B4DEN.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/GABAEAC93B4DEN.html>