

# Global Semiconductor EDA Solutions Market 2023 by Company, Regions, Type and Application, Forecast to 2029

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## Abstracts

Electronic Design Automation, or EDA, is a market segment consisting of software, hardware, and services with the collective goal of assisting in the definition, planning, design, implementation, verification, and subsequent manufacturing of semiconductor devices, or chips. Regarding the manufacturing of these devices, the primary providers of this service are semiconductor foundries, or fabs. These highly complex and costly facilities are either owned and operated by large, vertically integrated semiconductor companies or operated as independent, “pure-play” manufacturing service providers. This latter category has become the dominate business model.

According to our (Global Info Research) latest study, the global Semiconductor EDA Solutions market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Semiconductor EDA Solutions market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Semiconductor EDA Solutions market size and forecasts, in consumption value

(\$ Million), 2018-2029

Global Semiconductor EDA Solutions market size and forecasts by region and country, in consumption value (\$ Million), 2018-2029

Global Semiconductor EDA Solutions market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2018-2029

Global Semiconductor EDA Solutions market shares of main players, in revenue (\$ Million), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Semiconductor EDA Solutions

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Semiconductor EDA Solutions 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 Synopsys, Cadence, Siemens EDA, Keysight and ANSYS, etc.

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

Market segmentation

Semiconductor EDA Solutions market is split by Type and by Application. For the period 2018-2029, the growth among segments provide accurate calculations and forecasts for consumption value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

IC & IC Packaging Design, Verification & Manufacturing

Semiconductor Intellectual Property (SIP)

Printed Circuit Board (PCB) and Multi-Chip Modules (MCM)

EDA Services

#### Market segment by Application

Aerospace & Defense

Electronic & Manufacturing

Consumer & Retail

Automotive & Transportation

Medical

Others

#### Market segment by players, this report covers

Synopsys

Cadence

Siemens EDA

Keysight

ANSYS

Zuken

Altium

Xilinx

ARTERIS

Aldec

National Instrument

Agnisys

Empyrean

Entasys

Excellicon

Xpeedic

KLA

Hongxin Micro Nano

IC Manage

Primarius

IROC Technologies

Lorentz Solution

Real Intent

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Semiconductor EDA Solutions product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Semiconductor EDA Solutions, with revenue, gross margin and global market share of Semiconductor EDA Solutions from 2018 to 2023.

Chapter 3, the Semiconductor EDA Solutions competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2018 to 2029.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2018 to 2023. and Semiconductor EDA Solutions market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of Semiconductor EDA Solutions.

Chapter 13, to describe Semiconductor EDA Solutions research findings and conclusion.

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