

Global Electronic Design Automation (EDA) Market 2022-2028

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Abstracts

Electronic design automation (EDA), also referred to as electronic computer-aided design (ECAD), 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.

According to market research study published by Gen Consulting Company, the global electronic design automation market is expected to reach approximately USD 17,284 million, representing a CAGR of 8.8% during the forecast period 2022-2028.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global electronic design automation market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the electronic design automation industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, application, and region. The global market for electronic design automation can be segmented by type: computer aided engineering (CAE), IC physical design & verification, printed circuit board (PCB) and multi-chip module (MCM), semiconductor intellectual property (SIP). Electronic design automation market is further segmented by application: aerospace & defense, automotive, communication, consumer electronics, industrial, healthcare, others. Based on region, the electronic design automation market is segmented into: North America, Asia Pacific, Europe, Rest of the World (ROW).

By type:

computer aided engineering (CAE)

IC physical design & verification

printed circuit board (PCB) and multi-chip module (MCM)

semiconductor intellectual property (SIP)

By application:

aerospace & defense

automotive

communication

consumer electronics

industrial

healthcare

others

By region:

North America

Asia Pacific

Europe

Rest of the World (ROW)

The report has also analysed the competitive landscape of the global electronic design automation market with some of the key players being Agnisys Inc., Aldec Inc, Altium

Limited, ANSYS Inc., Autodesk, Inc., Cadence Design Systems, Inc., ElectroMagneticWorks Inc. (EMW), EnSilica Limited, Keysight Technologies Inc., Labcenter Electronics Ltd., Mirabilis Design Inc., Schindler & Schill GmbH (EasyLogix), Shenzhen EDA technologies Co., Ltd. - Eremex, Siemens AG, Silvaco Inc., Synopsys Inc., Xilinx, Inc., Zuken Ltd., among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global electronic design automation market.

To classify and forecast the global electronic design automation market based on type, application, region.

To identify drivers and challenges for the global electronic design automation market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global electronic design automation market.

To identify and analyze the profile of leading players operating in the global electronic design automation market.

Why Choose This Report

Gain a reliable outlook of the global electronic design automation market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Automotive
Communication
Consumer electronics
Industrial
Healthcare
Others

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North America

Asia Pacific

Europe

Rest of the World (ROW)

PART 8. KEY COMPANIES

Agnisys Inc.

Aldec Inc

Altium Limited

ANSYS Inc.

Autodesk, Inc.

Cadence Design Systems, Inc.

ElectroMagneticWorks Inc. (EMW)

EnSilica Limited

Keysight Technologies Inc.

Labcenter Electronics Ltd.

Mirabilis Design Inc.

Schindler & Schill GmbH (EasyLogix)

Shenzhen EDA technologies Co., Ltd. - Eremex

Siemens AG

Silvaco Inc.

Synopsys Inc.

Xilinx, Inc.

Zuken Ltd.

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