

# Global Electronic Design Automation (EDA) Market: Size, Trends and Forecasts (2016-2020)

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## Abstracts

### Scope of the Report

The report titled “Global Electronic Design Automation (EDA) Market: Size, Trends and Forecasts (2016-2020)” provides an in-depth analysis of the global electronic design automation market with detailed analysis of market size on the basis of value along with the comprehensive examination of each of the segments of the market, namely, Computer-Aided Engineering, IC Physical Design & Verification, Semiconductor Intellectual Property (SIP), PCB & MCM and Services.

The report provides detailed regional analysis of the Americas, Asia-Pacific and Europe, Middle East & Africa (EMEA). The regional analysis of the Asia-Pacific EDA markets include market size by value along with the analysis of the Japanese EDA market in comparison to rest of the Asia-Pacific region.

Furthermore, it highlights key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global electronic design automation market has also been forecasted for the period 2016-2020, taking into consideration the previous growth patterns, the growth drivers and the current and future trends. The competition in the global EDA market is stiff and dominated by the big players like Synopsis. Further, key players of the market Cadence Design Systems and Mentor Graphics are also profiled with their financial information and respective business strategies.

### Regional Coverage

#### Americas

Asia-Pacific

Europe, Middle East and Africa (EMEA)

Japan

## Company Coverage

Synopsys, Inc.

Cadence Design Systems, Inc.

Mentor Graphics Corporation

## Executive Summary

The global electronic design automation (EDA) market witnessed an upsurge at a significant CAGR during the span of 5 years, i.e., 2010-2015 and projections are made that the market would rise in the next five years i.e. 2016-2020 tremendously. The market is spread across Asia Pacific, Americas and Europe, Middle East & Africa. Among these regions, the Americas held the largest share, followed by the Asia-Pacific region.

The electronic design automation market can be segmented on the basis of the products in Computer-Aided Engineering, IC Physical Design & Verification, Semiconductor Intellectual Property (SIP), PCB & MCM and Services. The market is led by the Semiconductor Intellectual Property (SIP), followed by Computer-Aided Engineering (CAE) and IC Physical Design & Verification. Although, Services segment is still emerging in the global EDA market.

The major growth drivers for the global electronic design automation (EDA) market are: chip design complexity, emergence of Internet of Thing (IoT), slowing of Moore's law, adoption of FibFet architecture and demand for miniaturized devices. Despite the market is governed by various growth drivers, there are certain challenges faced by the market such as scalable design methodologies, customer & industry consolidation, rapid changes in the industry standards & customer requirements, uncertain global

economy and highly competitive environment. Some of the recent trends in the market include the emergence of EDA technology in various industries, especially biology systems.

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