

2020-2025 Global EDA Tools Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

<https://marketpublishers.com/r/209716369666EN.html>

Date: September 2021

Pages: 121

Price: US\$ 3,360.00 (Single User License)

ID: 209716369666EN

Abstracts

Electronic design automation (EDA), also referred to as electronic computer-aided design (ECAD), is a category of software tools for designing electronic systems such as integrated circuits and printed circuit boards. The tools work together in a design flow that chip designers use to design and analyze entire semiconductor chips. Since a modern semiconductor chip can have billions of components, EDA tools are essential for their design.

This report elaborates the market size, market characteristics, and market growth of the EDA Tools industry, and breaks down according to the type, application, and consumption area of EDA Tools. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for EDA Tools in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global EDA Tools market covered in Chapter 13:

Blackcomb

Synopsys

Mentor Graphics Corporation

Magma Design Automation

Aldec

Altium

Empyrean

Apache Design Solutions
Cadence Design Systems
Zuken
Ansys

In Chapter 6, on the basis of types, the EDA Tools market from 2015 to 2025 is primarily split into:

Semiconductor Intellectual Property (SIP)
Printed Circuit Board and Multi-chip Module (PCB and MCM)
IC Physical Design and Verification
Computer-aided Engineering (CAE)
Others

In Chapter 7, on the basis of applications, the EDA Tools market from 2015 to 2025 covers:

Aerospace & Defense
Electronics & Manufacturing
Telecom
Medical

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)
United States
Canada
Mexico
Europe (Covered in Chapter 9)
Germany
UK
France
Italy

Spain
Others
Asia-Pacific (Covered in Chapter 10)
China
Japan
India
South Korea
Southeast Asia
Others
Middle East and Africa (Covered in Chapter 11)
Saudi Arabia
UAE
South Africa
Others
South America (Covered in Chapter 12)
Brazil
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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