

Europe Technology CAD Software Market By Application (Solar Cells, Analog/RF Devices, Image Sensors and CMOS), By Country, Industry Analysis and Forecast, 2020 - 2026

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Abstracts

The Europe Technology CAD Software Market would witness market growth of 11.5% CAGR during the forecast period (2020-2026).

Technology Computer-Aided Design (TCAD) software are able to solve fundamental, physical, and restricted differential equations like transport and diffusion equations of a layer or wafer system of semiconductor device. This has considerably increased the analytical accuracy of the imitation software. Increasing advancements in the products of electronics industry have also encouraged semiconductor manufacturers to concentration on technology computer-aided design software in order to speed up the R&D process. The TCAD not only confirms reduced testing time but it is also cost-effective.

Advancements in technology and the growing adoption of more advanced electronics components in the healthcare industry are getting more evident. For example, the introduction of smart healthcare systems, like Implantable and Wearable Medical Devices (IWMD), and the occurrence of transformative technologies, have a positive impact on market growth. Moreover, the growing usage of digital equipment, like computer-controlled medical equipment, is likely to encourage the manufacturers of this equipment to adopt TCAD software in order to design the necessary PCBs and MCMs. The increasing usage of solar cells in electricity generation, electric vehicles, and solar-powered vehicles. Moreover, the growing demand for renewable energy sources due to its environmental benefits has considerably driven the demand for solar cells, thus creating growth opportunities.

Based on Application, the market is segmented into Solar Cells, Analog/RF Devices, Image Sensors and CMOS. Based on countries, the market is segmented into Germany, UK, France, Russia, Spain, Italy, and Rest of Europe.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Siemens AG, Autodesk, Inc., Dassault Systemes SE, NTT Data Corporation (NTT Data Mathematical Systems, Inc.), Synopsys, Inc., PTC, Inc., Grabert GmbH, Crosslight Software, Inc., Cogenda Pte. Ltd., and Silvaco, Inc.

Scope of the Study

Market Segmentation:

By Application

Solar Cells

Analog/RF Devices

Image Sensors

CMOS

By Country

Germany

UK

France

Russia

Spain

Italy

Rest of Europe

Companies Profiled

Siemens AG

Autodesk, Inc.

Dassault Systemes SE

NTT Data Corporation (NTT Data Mathematical Systems, Inc.)

Synopsys, Inc.

PTC, Inc.

Grabert GmbH

Crosslight Software, Inc.

Cogenda Pte. Ltd.

Silvaco, Inc.

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