

Global Diodes Market - Forecasts from 2019 to 2024

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Abstracts

The global diodes market is projected to grow at a CAGR of 7.44% to reach US\$9,363.834 million by 2024, from US\$6,086.281 million in 2018. A diode is defined as a semiconductor device with two terminals that conducts current in one direction only. A diode just blocks the current in the reverse direction while the reverse voltage is inside the limit range otherwise the reverse barrier breaks and the voltage at which this breakdown happens is called reverse breakdown voltage. The diode goes about as a valve in the electronic and electrical circuits. Due to its crucial importance in electric circuits, the demand for diodes is projected to rise at a good pace owing to the growing demand. The Asia Pacific will hold a major share in the market and will also witness substantial growth opportunities due to the expanding semiconductor manufacturing in the region.

This research study examines the current market trends related to demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top-down approaches have been utilized to determine the market size of the overall market and key segments. The

values obtained are correlated with the primary inputs of the key stakeholders in the global diodes value chain. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining a faster and efficient understanding of the global diodes market.

Major industry players profiled as part of the report are ON Semiconductor, Vishay Intertechnology, Inc., Infineon Technologies AG, STMicroelectronics., Toshiba Corporation, Diodes Incorporated, NXP Semiconductors, Renesas Electronics Corporation.

Segmentation

The global diodes market has been analyzed through the following segments:

By Type

Schottky

Zener

Rectifier

ESD

Others

By Industry Vertical

Consumer Electronics

Communication

Automotive

Manufacturing

By Geography

Americas

USA

Canada

Brazil

Others

Europe Middle East and Africa

Germany

France

United Kingdom

Italy

Others

Asia Pacific

China

Japan

India

South Korea

Others

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