

# Global IGBT Market - Forecasts From 2018 to 2023

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## Abstracts

The global IGBT market is projected to grow at a CAGR of 8.13% to reach US\$9.939 billion by 2023, from US\$6.217 billion in 2017. IGBT (Insulated Gate Bipolar Transistor) are semiconductor devices which combine the low ON resistance, MOSFET high-speed switching and voltage drive characteristics. This device is used for multiple applications including uninterrupted power supply, inverters, consumer electronics, and solar power conditioning units among various others. The major factors driving the demand for IGBTs are favourable government policies promoting the manufacturing industry and rising investment in renewable energy. In addition, the adoption of electric vehicles will further boost the demand for IGBT over the forecast period.

This research study examines the current market trends related to the 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 IGBT 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 faster and efficient understanding of the global IGBT market.

Major industry players profiled as part of the report are Danfoss, ABB, Infineon Technologies AG, Fuji Electric Co., Ltd., ROHM Semiconductor, Toshiba Electronic Devices and Storage Corporation, and Hitachi Power Semiconductor Devices, Ltd. among others.

## Segmentation

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

By Type

Discrete IGBT

Modular IGBT

By Power Rating

High- Power

Medium- Power

Low- Power

By Industry Vertical

Energy and Power

Consumer Electronics

Automotive

Travel and Transportation

Others

By Geography

North America

USA

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe

Germany  
France  
United Kingdom  
Spain  
Others  
Middle East and Africa  
Saudi Arabia  
Israel  
Others  
Asia Pacific  
China  
Japan  
South Korea  
India  
Others

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