

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) IGBT Market 2018, Forecast to 2023

<https://marketpublishers.com/r/GEC6B91E4A8EN.html>

Date: July 2018

Pages: 132

Price: US\$ 4,880.00 (Single User License)

ID: GEC6B91E4A8EN

Abstracts

IGBT is short for Insulated Gate Bipolar Transistor. It is a power transistor with a MOS structure for an input part and a bipolar one for an output part. Suitable for high voltage and high current, it is capable of controlling high power with less drive power.

Scope of the Report:

This report focuses on the IGBT in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Insulated gate bipolar transistor (IGBT) is a semiconductor power device that is used to control electrical energy. It provides a stable supply of electricity by reducing the congestion in power supply, leading to optimized power utilization. IGBT module is the foremost device, which is widely used in industries. Currently, rise in demand for higher efficiency, faster switching, and minimal power loss are some of the key driving factors of the market.

Despite the presence of competition problems, due to the Southeast Asia and Oceania recovery trend is clear, investors are still optimistic about this area, the future will still have more new investment enter the field. Even so, the market is intensely competitive. The study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field. The worldwide market for IGBT is expected to grow at a CAGR of roughly 6.4% over the next five years, will reach 140 million US\$ in 2023, from 100 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Mitsubishi Electric

Infineon Technologies

Fuji Electric

SEMIKRON

Hitachi

ABB

ON Semiconductor (Fairchild Semiconductor)

Renesas Electronics

CRRC

Toshiba

STMicroelectronics

ROHM Semiconductor

Starpower Semiconductor

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

IGBT Module

Discrete IGBT

Market Segment by Applications, can be divided into

Industrial Drives

Consumer

Automotive

Renewables

Traction

Others

There are 15 Chapters to deeply display the global IGBT market.

Chapter 1, to describe IGBT Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of IGBT, with sales, revenue, and price of IGBT, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of IGBT, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, IGBT market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe IGBT sales channel, distributors, traders, dealers,

Research Findings and Conclusion, appendix and data source

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