

Global Discrete Packaged IGBTs Market Growth 2022-2028

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Abstracts

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Insulated gate bipolar transistor (IGBT) is a compound full-controlled voltage-driven semiconductor power device composed of bipolar transistor (BJT) and MOSFET. It combines the high input impedance of MOSFET and the low of bipolar transistor (BJT).

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The global market for Discrete Packaged IGBTs is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Discrete Packaged IGBTs market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Discrete Packaged IGBTs market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Discrete Packaged IGBTs market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Discrete Packaged IGBTs market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Discrete Packaged IGBTs players cover Infineon, Fuji Electric, Mitsubishi Electric, ON Semiconductor and Toshiba, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Discrete Packaged IGBTs market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Discrete Packaged IGBTs market, with both quantitative and qualitative data, to help readers understand how the Discrete Packaged IGBTs market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the Discrete Packaged IGBTs market and forecasts the market size by Type (Less than 600V, 600V to 1200V and 1200V to 1700V), by Application (Industrial, 4C, Rail Traction and Renewables), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Less than 600V

600V to 1200V

1200V to 1700V

1700V to 3300V

More Than 3300V

Segmentation by application

Industrial

4C

Rail Traction

Renewables

Medical

Defense and Aerospace

Smart Grid

Others

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Infineon

Fuji Electric

Mitsubishi Electric

ON Semiconductor

Toshiba

STMicroelectronics

Littelfuse

Renesas Electronics

Magna

Hangzhou Silan Microelectronics

Chapter Introduction

Chapter 1: Scope of Discrete Packaged IGBTs, Research Methodology, etc.

Chapter 2: Executive Summary, global Discrete Packaged IGBTs market size (sales and revenue) and CAGR, Discrete Packaged IGBTs market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Discrete Packaged IGBTs sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Discrete Packaged IGBTs sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and

economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Discrete Packaged IGBTs market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Infineon, Fuji Electric, Mitsubishi Electric, ON Semiconductor, Toshiba, STMicroelectronics, Littelfuse, Renesas Electronics and Magna, etc.

Chapter 14: Research Findings and Conclusion

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