

IGBT Discrete Semiconductor Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the IGBT discrete semiconductor market looks promising with opportunities in various end use industries, which are power transmission systems, renewable energy, rail traction systems, uninterrupted power supply, electric vehicles and hybrid electric vehicles, motor drives, and consumer electronics. The global IGBT discrete semiconductor market is expected to grow with a CAGR of 10% to 12% from 2021 to 2026. The major drivers for this market are increasing demand for electric motors and growth in electric vehicles.

A more than 150 page report is developed to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of IGBT discrete semiconductor market report download the report brochure.

The study includes trends and forecasts for the global IGBT discrete semiconductor market by power rating, voltage, application, and region as follows:

By Power Rating [\$M shipment analysis for 2015 – 2026]:

Low

Medium

High

By Voltage [\$M shipment analysis for 2015 – 2026]:

4,500 V

By Application [\$M shipment analysis for 2015 – 2026]:

Power Transmission Systems

HVDC Systems

FACTS

Renewable Energy

PV Power Generation Systems

Wind Power Generation Systems

Rail Traction Systems

Uninterrupted Power Supply

Electric Vehicles and Hybrid Electric Vehicles

Motor Drives

Industrial Motors

Commercial Motors

Residential Motors

Consumer Electronics

Others

By Region [\$M shipment analysis for 2015 – 2026]:

North America

United States

Canada

Mexico

Europe

Germany

United Kingdom

France

Italy

Asia Pacific

China

Japan

India

South Korea

The Rest of the World

The electric vehicle and hybrid electric vehicle application is expected to witness the highest growth over the forecast period due to energy efficiency, environmental friendliness, and affordability.

Asia Pacific is expected to witness the highest growth over the forecast period due to considerable manufacturing capabilities and high wind & solar power generation capabilities.

Some of the IGBT discrete semiconductor companies profiled in this report includes Infineon Technologies AG, Fuji Electric Co., Ltd., ON Semiconductor, Mitsubishi Electric Corporation, STMicroelectronics, Renesas Electronics Corporation, Vishay Intertechnology, ABB Ltd, SEMIKRON, Hitachi, Ltd., and Toshiba Corporation.

Features of IGBT Discrete Semiconductor Market

Market Size Estimates: IGBT discrete semiconductor market size estimation in terms of value (\$M)

Trend and Forecast Analysis: Market trends (2015-2020) and forecast (2021-2026) by various segments and regions.

Segmentation Analysis: Market size by power rating, voltage type, and application

Regional Analysis: IGBT discrete semiconductor market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different power rating, voltage type, application, and regions for IGBT discrete semiconductor market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the IGBT discrete semiconductor market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global IGBT discrete semiconductor market by voltage (4,500 V), power rating (low, medium, and high), application (power transmission systems, renewable energy, rail traction system, uninterrupted power supply, electric vehicles and hybrid electric vehicles, motor drives, consumer electronics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the IGBT discrete semiconductor market?

Q.5 What are the business risks and threats to the IGBT discrete semiconductor market?

Q.6 What are the emerging trends in the IGBT discrete semiconductor market and the reasons behind them?

Q.7 What are some changing demands of customers in the IGBT discrete semiconductor market?

Q.8 What are the new developments in the IGBT discrete semiconductor market? Which companies are leading these developments?

Q.9 Who are the major players in the IGBT discrete semiconductor market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in the IGBT discrete semiconductor market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the IGBT discrete semiconductor market?

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2. FACTS

Renewable Energy

1. PV POWER GENERATION SYSTEMS

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- Motor Drives
- Industrial Motors

Commercial Motors
Residential Motors
Consumer Electronics
Others

Market Trends and Forecast Analysis by Region from 2015 t 2026

Global IGBT Discrete Semiconductor Market by Region

North American IGBT Discrete Semiconductor Market

Market by Voltage

Market by End Use

The US IGBT Discrete Semiconductor Market

The Canadian IGBT Discrete Semiconductor Market

The Mexican IGBT Discrete Semiconductor Market

European IGBT Discrete Semiconductor Market

Market by Voltage

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Fuji Electric Co., Ltd.
ON Semiconductor
Mitsubishi Electric Corporation
STMicroelectronics
Renesas Electronics Corporation
Vishay Intertechnology
ABB Ltd
SEMIKRON

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