

# **Power Semiconductor Market Research Report by Material (Gallium Nitride (GAN), Silicon Carbide (SIC), and Silicon/ Germanium), by Component (Diode, IGBT, Power MOSFET, Rectifiers, and Thyristors), by End-User - Global Forecast to 2025 - Cumulative Impact of COVID-19**

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## **Abstracts**

### Market Statistics:

The report provides market sizing and forecast across five major currencies - USD, EUR GBP, JPY, and AUD. This helps organization leaders make better decisions when currency exchange data is readily available.

1. The Global Power Semiconductor Market is expected to grow from USD 34,711.39 Million in 2020 to USD 43,211.64 Million by the end of 2025.
2. The Global Power Semiconductor Market is expected to grow from EUR 30,435.60 Million in 2020 to EUR 37,888.79 Million by the end of 2025.
3. The Global Power Semiconductor Market is expected to grow from GBP 27,057.32 Million in 2020 to GBP 33,683.21 Million by the end of 2025.
4. The Global Power Semiconductor Market is expected to grow from JPY 3,704,585.25 Million in 2020 to JPY 4,611,777.48 Million by the end of 2025.
5. The Global Power Semiconductor Market is expected to grow from AUD 50,405.55 Million in 2020 to AUD 62,749.05 Million by the end of 2025.

### Market Segmentation & Coverage:

This research report categorizes the Power Semiconductor to forecast the revenues and analyze the trends in each of the following sub-markets:

Based on Material, the Power Semiconductor Market studied across Gallium Nitride (GAN), Silicon Carbide (SIC), and Silicon/ Germanium.

Based on Component, the Power Semiconductor Market studied across Diode, IGBT, Power MOSFET, Rectifiers, and Thyristors.

Based on End-User, the Power Semiconductor Market studied across Aerospace & Defense, Automotive, Consumer Electronics, Healthcare, Industrial, and Telecommunication.

Based on Geography, the Power Semiconductor Market studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas region surveyed across Argentina, Brazil, Canada, Mexico, and United States. The Asia-Pacific region surveyed across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, South Korea, and Thailand. The Europe, Middle East & Africa region surveyed across France, Germany, Italy, Netherlands, Qatar, Russia, Saudi Arabia, South Africa, Spain, United Arab Emirates, and United Kingdom.

#### Company Usability Profiles:

The report deeply explores the recent significant developments by the leading vendors and innovation profiles in the Global Power Semiconductor Market including Broadcom limited, Fuji Electric Co. Ltd, Infineon Technologies AG, Mitsubishi Electric Group, ON Semiconductor, Renesas electronic Co., Semikron International GmbH, ST Microelectronics N.V, Texas Instruments, and Toshiba Corporation.

#### Cumulative Impact of COVID-19:

COVID-19 is an incomparable global public health emergency that has affected almost every industry, so far and, the long-term effects projected to impact the industry growth during the forecast period. Our ongoing research amplifies our research framework to ensure the inclusion of underlying COVID-19 issues and potential paths forward. The report is delivering insights on COVID-19 considering the changes in consumer behavior and demand, purchasing patterns, re-routing of the supply chain, dynamics of current market forces, and the significant interventions of governments. The updated study provides insights, analysis, estimations, and forecast, considering the COVID-19 impact on the market.

#### 360iResearch FPNV Positioning Matrix:

The 360iResearch FPNV Positioning Matrix evaluates and categorizes the vendors in the Power Semiconductor Market on the basis of Business Strategy (Business Growth,

Industry Coverage, Financial Viability, and Channel Support) and Product Satisfaction (Value for Money, Ease of Use, Product Features, and Customer Support) that aids businesses in better decision making and understanding the competitive landscape.

**360iResearch Competitive Strategic Window:**

The 360iResearch Competitive Strategic Window analyses the competitive landscape in terms of markets, applications, and geographies. The 360iResearch Competitive Strategic Window helps the vendor define an alignment or fit between their capabilities and opportunities for future growth prospects. During a forecast period, it defines the optimal or favorable fit for the vendors to adopt successive merger and acquisition strategies, geography expansion, research & development, and new product introduction strategies to execute further business expansion and growth.

The report provides insights on the following pointers:

1. **Market Penetration:** Provides comprehensive information on the market offered by the key players
2. **Market Development:** Provides in-depth information about lucrative emerging markets and analyzes the markets
3. **Market Diversification:** Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. **Competitive Assessment & Intelligence:** Provides an exhaustive assessment of market shares, strategies, products, and manufacturing capabilities of the leading players
5. **Product Development & Innovation:** Provides intelligent insights on future technologies, R&D activities, and new product developments

The report answers questions such as:

1. What is the market size and forecast of the Global Power Semiconductor Market?
2. What are the inhibiting factors and impact of COVID-19 shaping the Global Power Semiconductor Market during the forecast period?
3. Which are the products/segments/applications/areas to invest in over the forecast period in the Global Power Semiconductor Market?
4. What is the competitive strategic window for opportunities in the Global Power Semiconductor Market?
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