

# Global Power Electronics Market 2020 COVID-19 Impact, Key Players, Trends, Sales, Supply, Analysis and Forecast 2027

*WiseGuyReports.com adds "Global Power Electronics Market Research Report 2020 Analysis and Forecast 2027" reports to its database.*

PUNE, MAHARASTRA, INDIA, August 16, 2020 /EINPresswire.com/ -- Power Electronics Market:

## Executive Summary

Global Power Electronics Market is valued approximately USD 33.5 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 4.7 % over the forecast period 2020-2027. Power electronics is solid-state circuitry devices, used to alter and control electrical energy from the source to the load in an appropriate and effective way. Power electronics improves energy conservation in a variety of applications such as consumer electronics, automotive, electric automobiles, and industrial systems. Power electronics has various benefits such as simplified circuits, and optimum forward and reverse blocking capabilities. The global Power Electronics market is facing challenges due to the coronavirus pandemic as implementation of several regulations by the governments of various countries to deal with coronavirus. For example, complete shutdown of manufacturing facilities, limited production with limited manpower and others will impact the power electronic market. The increasing focus on the use of renewable power sources across the globe, growing adoption of power electronics in the manufacturing of electric vehicles and increasing applications of power electronics in consumer electronics are the few factors responsible for growth of the market over the forecast period. Furthermore, the rising advancements and other strategic alliance by market key players will create a lucrative demand for this market. For instance: in April 2020, ON Semiconductor introduced industrial motor, thus expanding its product portfolio with NXH25C120L2C2, NXH35C120L2C2/2C2E, and NXH50C120L2C2E, which are 25, 35, and 50 Ampere versions of Transfer-Molded Power Integrated Modules (TM-PIM) for 1200 Volt (V) applications. However, complex design and integration process are the major factors restraining the growth of global Power Electronics market during the forecast period.

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The regional analysis of global Power Electronics market is considered for the key regions such

as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia Pacific is the leading/significant region across the world owing to the rapid development of consumer electronics products, which drives power IC market. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027.

Major market player included in this report are:

Infineon Technologies

ON Semiconductor

STMicroelectronics

Mitsubishi Electric

Vishay Intertechnology

Fuji Electric

NXP Semiconductors

Renesas Electronics

Texas Instruments

Toshiba

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Device Type:

Power Discrete

Power Module

Power IC

By Material:

Silicon (Si)

Silicon Carbide (SiC)

Gallium Nitride (GaN)

By Voltage:

Low Voltage

Medium Voltage

High Voltage

By Vertical:

ICT  
Consumer Electronics  
Industrial  
Automotive & Transportation  
Aerospace & Defense  
Others

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018  
Base year – 2019  
Forecast period – 2020 to 2027

Target Audience of the Global Power Electronics Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

Continuous...

For further information on this report, visit – <https://www.wiseguyreports.com/reports/5633372-global-power-electronics-market-size-study-with-covid>

NOTE : Our team is studying Covid19 and its impact on various industry verticals and wherever required we will be considering covid19 footprints for a better analysis of markets and industries. Cordially get in touch for more details.

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