

Global Power Electronics Market Outlook 2027

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Abstracts

Power Electronics Market Analysis – 2019-2027

Power electronics is a broad field that forms an integral part of electrical engineering and provides solutions for the effective power conversion. The North America and Europe power electronics market is anticipated to witness a significant growth in future. The power semiconductor integrated devices that haven been recently developed such as power MOSFET, thyristor and IGBT, are leading to the growth in the demand for these devices.

The North America power electronics market is projected to attain a CAGR of 5.5% over the forecast period, i.e., 2019-2027. In North America, the market in the United States is anticipated to hold the largest share by 2027. On the other hand, the power electronics market in Europe is anticipated to grow at a CAGR of 4.5% during the forecast period and is anticipated to reach an estimated market value of USD 20,000 Million by the end of 2027.

The market for power electronics in North America and Europe is segmented by type, by voltage and by end user. Out of these, the type segment is further sub-segmented into discrete, module and IC. The segment for IC is anticipated to hold the largest share in the market in the coming years and the discrete segment is projected to grow at the highest CAGR of around 7.5% over the forecast period. In addition to this, this segment is anticipated to increase the incremental opportunity created by the discrete segment in power electronics market in the United States.

Some of the key industry leaders in the North America and Europe power electronics market are International Rectifier, Vishay Intertechnology (Siliconix), Infineon Technologies, Pulse, The Bergquist Company, Bosch Rexroth, Rockwell Automation, SynQor, Artesyn and Power-One.

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