

Global Power Electronics Market Outlook 2027

<https://marketpublishers.com/r/GE9499427385EN.html>

Date: March 2020

Pages: 140

Price: US\$ 4,150.00 (Single User License)

ID: GE9499427385EN

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't 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.

Contents

Power Electronics Market

1. REPORT OVERVIEW

- 1.1. North America & Europe Power Electronics Market Overview
- 1.2. Why You Should Read This Report
- 1.3. How This Report Delivers
- 1.4. Key Questions Answered by This Analytical Report Include:
- 1.5. Who is This Report For?
- 1.6. Methodology
 - 1.6.1. Primary Research
 - 1.6.2. Secondary Research
 - 1.6.3. Market Evaluation & Forecasting Methodology

2. INTRODUCTION TO THE POWER ELECTRONICS MARKET

- 2.1. Power Electronics Market Structure
- 2.2. Power Electronics Market Definition
- 2.3. Power Electronics Market Taxonomy
- 2.4. North America Power Electronics Market Snapshot
- 2.5. Europe Power Electronics Market Snapshot
- 2.6. Power Electronics Market Dynamics
 - 2.6.1. Power Electronics Market: Drivers
 - Growing use of power devices
 - Increasing electric vehicle penetration
 - Growing sales of consumer electronics and deployment in renewable energy
 - 2.6.2. Power Electronics Market: Restraints
 - High cost associated with product
 - Limitations of power electronics and economic slow-down
 - 2.6.3. Power Electronics Market: Trends
 - Product Development
 - Strategic Alliance
 - 2.6.4. Power Electronics Market: Opportunities
 - Electric Vehicles and Charging Stations Deployment
 - 2.6.5. Power Electronics Market: Key Regulations

3. NORTH AMERICA POWER ELECTRONICS MARKET, 2019-2027

3.1. Introduction

4. THE U.S. POWER ELECTRONICS MARKET, 2019-2027

4.1. Introduction

4.2. U.S. Power Electronics Market, By Type, 2019-2027

4.2.1. Introduction

4.2.2. Discrete Segment

4.2.3. Module Segment

4.2.4. IC Segment

4.3. U.S. Power Electronics Market, By Voltage, 2019-2027

4.3.1. Introduction

4.3.2. Low Voltage Segment

4.3.3. Medium Voltage Segment

4.3.4. High Voltage Segment

4.4. U.S. Power Electronics Market, By End Users Industry, 2019-2027

4.5. Introduction

4.6. U.S. Power Electronics Market Size and Forecast, By End User Industries

4.6.1. ICT Segment

4.6.2. Consumer Electronics Segment

4.6.3. Power Segment

4.6.4. Industrial Segment

4.6.5. Automotive Segment

4.6.6. Aerospace & Defense Segment

4.6.7. Others Segment

5. CANADA POWER ELECTRONICS MARKET, 2019-2027

5.1. Introduction

5.2. Canada Power Electronics Market, By Type, 2019-2027

5.2.1. Introduction

5.2.2. Discrete Segment

5.2.3. Module Segment

5.2.4. IC Segment

5.3. Canada Power Electronics Market, By Voltage, 2019-2027

5.3.1. Introduction

5.3.2. Low Voltage Segment

5.3.3. Medium Voltage Segment

5.3.4. High Voltage Segment

5.4. Canada Power Electronics Market, By End Users Industry, 2019-2027

5.5. Introduction

5.6. Canada Power Electronics Market Size and Forecast, By End User Industries

5.6.1. ICT Segment

5.6.2. Consumer Electronics Segment

5.6.3. Power Segment

5.6.4. Industrial Segment

5.6.5. Automotive Segment

5.6.6. Aerospace & Defense Segment

5.6.7. Others Segment

6. MEXICO POWER ELECTRONICS MARKET, 2019-2027

6.1. Introduction

6.2. Mexico Power Electronics Market, By Type, 2019-2027

6.2.1. Introduction

6.2.2. Discrete Segment

6.2.3. Module Segment

6.2.4. IC Segment

6.3. Mexico Power Electronics Market, By Voltage, 2019-2027

6.3.1. Introduction

6.3.2. Low Voltage Segment

6.3.3. Medium Voltage Segment

6.3.4. High Voltage Segment

6.4. Mexico Power Electronics Market, By End Users Industry, 2019-2027

6.5. Introduction

6.6. Mexico Power Electronics Market Size and Forecast, By End User Industries

6.6.1. ICT Segment

6.6.2. Consumer Electronics Segment

6.6.3. Power Segment

6.6.4. Industrial Segment

6.6.5. Automotive Segment

6.6.6. Aerospace & Defense Segment

6.6.7. Others Segment

7. THE EUROPE POWER ELECTRONICS MARKET, 2019-2027

7.1. Introduction

7.2. Europe Power Electronics Market, By Type, 2019-2027

- 7.2.1. Introduction
- 7.2.2. Discrete Segment
- 7.2.3. Module Segment
- 7.2.4. IC Segment

7.3. Europe Power Electronics Market, By Voltage, 2019-2027

- 7.3.1. Introduction
- 7.3.2. Low Voltage Segment
- 7.3.3. Medium Voltage Segment
- 7.3.4. High Voltage Segment

7.4. Europe Power Electronics Market, By End Users Industry, 2019-2027

7.5. Introduction

7.6. Europe Power Electronics Market Size and Forecast, By End User Industries

- 7.6.1. ICT Segment
- 7.6.2. Consumer Electronics Segment
- 7.6.3. Power Segment
- 7.6.4. Industrial Segment
- 7.6.5. Automotive Segment
- 7.6.6. Aerospace & Defense Segment
- 7.6.7. Others Segment

7.7. Europe Power Electronics Market, By Country, 2019-2027

7.7.1. Introduction

7.1. Europe Power Electronics Market Size and Forecast, By Country

- 7.1.1. Germany
- 7.1.2. The U.K.
- 7.1.3. France
- 7.1.4. Italy
- 7.1.5. Spain
- 7.1.6. BENELUX
- 7.1.7. NORDIC
- 7.1.8. Poland
- 7.1.9. Hungary
- 7.1.10. Turkey
- 7.1.11. Russia
- 7.1.12. Rest of Europe

8. ACRONYMS

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