

# Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) Power Electronics for Electric Vehicles Market 2017 Forecast to 2022

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#### **Abstracts**

To control the flow of energy, the switching electronic circuits are used. These switching electronic circuits are called power electronics. Power electronics are also considered for the conversion of electric power. Such conversions are performed by semiconductor devices like diodes, transistors and thyristors etc. Power electronics devices have several advantages including optimum forward and reverse backing capabilities, simplified circuits, compact designs etc. Moreover, power electronics find its applications in connection of renewable energy resources to power grids, transportation in electric trains, motor drives and lighting. The major use of power electronics devices is heat sinking as well as soft starting of equipment deploying power electronic devices. This report only covers electric vehicles segment.

Scope of the Report:

This report focuses on the Power Electronics for Electric Vehicles in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

Infineon Technologies

Mitsubishi Electric



Fuji Electric	
SEMIKRON	
ON Semiconductor	
Renesas Electronics	
Vishay Intertechnology	
Texas Instruments	
Toshiba	
Stmicroelectronics	
NXP Semiconductors	
Microsemi Corporation	
Market Segment by Regions, regional analysis covers	
North America (USA, Canada and Mexico)	
Europe (Germany, France, UK, Russia and Italy)	
Asia-Pacific (China, Japan, Korea, India and Southeast Asia)	
South America (Brazil, Argentina, Columbia etc.)	
Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)	
Market Segment by Type, covers	
Power IC	



**Power Module** 

Power Discrete		
Market Segment by Applications, can be divided into		
HEV		
EV		
PHEV		
There are 15 Chapters to deeply display the global Power Electronics for Electric Vehicles market.		
Chapter 1, to describe Power Electronics for Electric Vehicles Introduction, product scope, market overview, market opportunities, market risk, market driving force;		
Chapter 2, to analyze the top manufacturers of Power Electronics for Electric Vehicles, with sales, revenue, and price of Power Electronics for Electric Vehicles, in 2016 and 2017;		
Chapter 3, to display the competitive situation among the top manufacturers, with sales revenue and market share in 2016 and 2017;		
Chapter 4, to show the global market by regions, with sales, revenue and market share		

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

of Power Electronics for Electric Vehicles, for each region, from 2012 to 2017;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, Power Electronics for Electric Vehicles market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;



Chapter 13, 14 and 15, to describe Power Electronics for Electric Vehicles sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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