

Global Power Electronics for Electric Vehicles Market Research Report 2012-2024

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Abstracts

SUMMARY

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.

The global Power Electronics for Electric Vehicles market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Power IC

Power Module

Power Discrete

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Infineon Technologies

Mitsubishi Electric

Fuji Electric

SEMIKRON

ON Semiconductor

Renesas Electronics

Vishay Intertechnology

Texas Instruments

Toshiba

Stmicroelectronics

NXP Semiconductors

Microsemi Corporation

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

HEV

EV

PHEV

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

Contents

1 MARKET OVERVIEW

1.1 Objectives of Research

1.1.1 Definition

1.1.2 Specifications

1.2 Market Segment

1.2.1 by Type

1.2.1.1 Power IC

1.2.1.2 Power Module

1.2.1.3 Power Discrete

1.2.2 by Application

1.2.2.1 HEV

1.2.2.2 EV

1.2.2.3 PHEV

1.2.3 by Regions

2 INDUSTRY CHAIN

2.1 Industry Chain Structure

2.2 Upstream

2.3 Market

2.3.1 SWOT

2.3.2 Dynamics

3 ENVIRONMENTAL ANALYSIS

3.1 Policy

3.2 Economic

3.3 Technology

3.4 Market Entry

4 MARKET SEGMENTATION BY TYPE

4.1 Market Size

4.1.1 Power IC Market, 2013-2018

4.1.2 Power Module Market, 2013-2018

4.1.3 Power Discrete Market, 2013-2018

4.2 Market Forecast

4.2.1 Power IC Market Forecast, 2019-2024

4.2.2 Power Module Market Forecast, 2019-2024

4.2.3 Power Discrete Market Forecast, 2019-2024

5 MARKET SEGMENTATION BY APPLICATION

5.1 Market Size

5.1.1 HEV Market, 2013-2018

5.1.2 EV Market, 2013-2018

5.1.3 PHEV Market, 2013-2018

5.2 Market Forecast

5.2.1 HEV Market Forecast, 2019-2024

5.2.2 EV Market Forecast, 2019-2024

5.2.3 PHEV Market Forecast, 2019-2024

6 MARKET SEGMENTATION BY REGION

6.1 Market Size

6.1.1 Asia-Pacific

6.1.1.1 Asia-Pacific Market, 2012-2018

6.1.1.2 Asia-Pacific Market by Type

6.1.1.3 Asia-Pacific Market by Application

6.1.2 North America

6.1.2.1 North America Market, 2012-2018

6.1.2.2 North America Market by Type

6.1.2.3 North America Market by Application

6.1.3 Europe

6.1.3.1 Europe Market, 2012-2018

6.1.3.2 Europe Market by Type

6.1.3.3 Europe Market by Application

6.1.4 South America

6.1.4.1 South America Market, 2012-2018

6.1.4.2 South America Market by Type

6.1.4.3 South America Market by Application

6.1.5 Middle East & Africa

6.1.5.1 Middle East & Africa Market, 2012-2018

6.1.5.2 Middle East & Africa Market by Type

6.1.5.3 Middle East & Africa Market by Application

6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2019-2024

6.2.2 North America Market Forecast, 2019-2024

6.2.3 Europe Market Forecast, 2019-2024

6.2.4 South America Market Forecast, 2019-2024

6.2.5 Middle East & Africa Market Forecast, 2019-2024

7 MARKET COMPETITIVE

7.1 Global Market by Vendors

7.2 Market Concentration

7.3 Price & Factors

7.4 Marketing Channel

8 MAJOR VENDORS

8.1 Infineon Technologies

8.2 Mitsubishi Electric

8.3 Fuji Electric

8.4 SEMIKRON

8.5 ON Semiconductor

8.6 Renesas Electronics

8.7 Vishay Intertechnology

8.8 Texas Instruments

8.9 Toshiba

8.10 Stmicroelectronics

8.11 NXP Semiconductors

8.12 Microsemi Corporation

9 CONCLUSION

List Of Tables

LIST OF TABLES

- Table Product Specifications of Power Electronics for Electric Vehicles
- Table Products Segment of Power Electronics for Electric Vehicles
- Table Power IC Overview
- Table Power Module Overview
- Table Power Discrete Overview
- Table Global Power Electronics for Electric Vehicles Market by Type, 2011-2022 (USD Million)
- Table Application Segment of Power Electronics for Electric Vehicles
- Table HEV Overview
- Table EV Overview
- Table PHEV Overview
- Table Global Power Electronics for Electric Vehicles Market by Application, 2011-2022 (USD Million)
- Table Global Power Electronics for Electric Vehicles Market by Region, 2011-2022 (USD Million)
- Table Cost of Power Electronics for Electric Vehicles
- Table Market Dynamics
- Table Policy of Power Electronics for Electric Vehicles
- Table GDP of Major Countries
- Table Power IC CAGR by Revenue and Volume, 2012-2018
- Table Power Module CAGR by Revenue and Volume, 2012-2018
- Table Power Discrete CAGR by Revenue and Volume, 2012-2018
- Table Power IC CAGR by Revenue and Volume, 2012-2024
- Table Power Module CAGR by Revenue and Volume, 2012-2024
- Table Power Discrete CAGR by Revenue and Volume, 2012-2024
- Table HEV CAGR by Revenue and Volume, 2012-2018
- Table EV CAGR by Revenue and Volume, 2012-2018
- Table PHEV CAGR by Revenue and Volume, 2012-2018
- Table Global Power Electronics for Electric Vehicles Market by Vendors, 2012-2018 (USD Million)
- Table Global Power Electronics for Electric Vehicles Market by Vendors, 2012-2018 (in Volume)
- Table Global Power Electronics for Electric Vehicles Market Share by Vendors, 2012-2018 (USD Million)
- Table Global Power Electronics for Electric Vehicles Market Share by Vendors,

2012-2018 (in Volume)

Table Price Factors List

Table Infineon Technologies Profile List

Table Microecological Modulator Operating Data of Infineon Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Mitsubishi Electric Profile List

Table Microecological Modulator Operating Data of Mitsubishi Electric (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Fuji Electric Profile List

Table Microecological Modulator Operating Data of Fuji Electric (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table SEMIKRON Profile List

Table Microecological Modulator Operating Data of SEMIKRON (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table ON Semiconductor Profile List

Table Microecological Modulator Operating Data of ON Semiconductor (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Renesas Electronics Profile List

Table Microecological Modulator Operating Data of Renesas Electronics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Vishay Intertechnology Profile List

Table Microecological Modulator Operating Data of Vishay Intertechnology (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Texas Instruments Profile List

Table Microecological Modulator Operating Data of Texas Instruments (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Toshiba Profile List

Table Microecological Modulator Operating Data of Toshiba (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Stmicroelectronics Profile List

Table Microecological Modulator Operating Data of Stmicroelectronics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table NXP Semiconductors Profile List

Table Microecological Modulator Operating Data of NXP Semiconductors (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Microsemi Corporation Profile List

Table Microecological Modulator Operating Data of Microsemi Corporation (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

List Of Figures

LIST OF FIGURES

Figure Power Electronics for Electric Vehicles Picture

Figure Industry Chain Structure of Power Electronics for Electric Vehicles

Figure SWOT of Power Electronics for Electric Vehicles

Figure Power IC Market Size and Growth, 2012-2018 (USD Million)

Figure Power IC Market Size and Growth, 2012-2018 (in Volume)

Figure Power Module Market Size and Growth, 2012-2018 (USD Million)

Figure Power Module Market Size and Growth, 2012-2018 (in Volume)

Figure Power Discrete Market Size and Growth, 2012-2018 (USD Million)

Figure Power Discrete Market Size and Growth, 2012-2018 (in Volume)

Figure Power IC Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Power IC Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Power Module Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Power Module Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Power Discrete Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Power Discrete Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure HEV Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure EV Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure PHEV Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type

Figure Asia-Pacific Market Size by Application

Figure Asia-Pacific Market Share by Application

Figure North America Market Size and Growth, 2012-2018 (USD Million)

Figure North America Market Size and Growth, 2012-2018 (in Volume)

Figure North America Market Size by Type

Figure North America Market Share by Type

Figure North America Market Size by Application

Figure North America Market Share by Application

Figure Europe Market Size and Growth, 2012-2018 (USD Million)

Figure Europe Market Size and Growth, 2012-2018 (in Volume)

Figure Europe Market Size by Type
Figure Europe Market Share by Type
Figure Europe Market Size by Application
Figure Europe Market Share by Application
Figure South America Market Size and Growth, 2012-2018 (USD Million)
Figure South America Market Size and Growth, 2012-2018 (in Volume)
Figure South America Market Size by Type
Figure South America Market Share by Type
Figure South America Market Size by Application
Figure South America Market Share by Application
Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million)
Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume)
Figure Middle East & Africa Market Size by Type
Figure Middle East & Africa Market Share by Type
Figure Middle East & Africa Market Size by Application
Figure Middle East & Africa Market Share by Application
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Power Electronics for Electric Vehicles Market Concentration by Region
Figure Marketing Channels Overview

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