

# 2017-2022 China Power Electronics for Electric Vehicles Market Report (Status and Outlook)

<https://marketpublishers.com/r/21CB2791F52EN.html>

Date: February 2017

Pages: 114

Price: US\$ 3,360.00 (Single User License)

ID: 21CB2791F52EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The Power Electronics for Electric Vehicles market size will be XX million (USD) in 2022 in China, from the XX million (USD) in 2016, with a CAGR (Compound Annual Growth Rate) XX% from 2016 to 2022.

In China market, the top players include many company. With key sales data like sales (volume), revenue, market share for top players. such as

Infineon Technologies

Mitsubishi Electric

Fuji Electric

SEMIKRON

ON Semiconductor

Renesas Electronics

Vishay Intertechnology

Texas Instruments

Toshiba

Stmicroelectronics

NXP Semiconductors

Microsemi Corporation

Split by product types/category, covering many types. with sales, revenue and market share for each type, such as

Power IC

Power Module

Power Discrete

Split by applications/end use industries, covers many application. This report focuses on sales, market share and growth rate of Power Electronics for Electric Vehicles in each application. such as

HEV

EV

PHEV

## Contents

### **1 POWER ELECTRONICS FOR ELECTRIC VEHICLES MARKET OVERVIEW**

- 1.1 Product Overview and Scope of Power Electronics for Electric Vehicles
- 1.2 Power Electronics for Electric Vehicles Market Segment by Types
  - 1.2.1 China Power Electronics for Electric Vehicles Sales Present Situation and Outlook by Types (2012-2022)
  - 1.2.2 China Power Electronics for Electric Vehicles Sales Market Share by Types in 2016
  - 1.2.3 Power IC
  - 1.2.4 Power Module
- Power Discrete
- 1.3 China Power Electronics for Electric Vehicles Market Segment by Applications/End Use Industries
  - 1.3.1 China Power Electronics for Electric Vehicles Sales Present Situation and Outlook by Applications/End Industrials (2012-2022)
  - 1.3.2 China Power Electronics for Electric Vehicles Sales Market Share by Types in 2016
  - 1.3.3 HEV
  - 1.3.4 EV

### **PHEV**

- 1.4 China Power Electronics for Electric Vehicles Overview and Market Size (Value) (2012-2022)
  - 1.4.1 China Market Power Electronics for Electric Vehicles Overview
  - 1.4.2 China Power Electronics for Electric Vehicles Market Size (Value and Volume) Status and Forecast (2012-2022)

### **2 CHINA POWER ELECTRONICS FOR ELECTRIC VEHICLES SALES, REVENUE (VALUE) AND MARKET SHARE BY VENDORS/MANUFACTURERS**

- 2.1 China Power Electronics for Electric Vehicles Sales and Market Share (2012-2017) by Vendors/Manufacturers
- 2.2 China Power Electronics for Electric Vehicles Revenue and Market Share by Vendors (2012-2017)
- 2.3 China Power Electronics for Electric Vehicles Average Price by Vendors in 2016
- 2.4 China Power Electronics for Electric Vehicles Manufacturing Base Distribution,

Sales Area, Product Types by Vendors

2.5 Power Electronics for Electric Vehicles Market Competitive Situation and Trends

2.5.1 Power Electronics for Electric Vehicles Market Concentration Rate

2.5.2 Power Electronics for Electric Vehicles Market Share of Top 3 and Top 5

Vendors

2.5.3 Mergers & Acquisitions, Expansion

### **3 CHINA POWER ELECTRONICS FOR ELECTRIC VEHICLES SALES, REVENUE (VALUE) BY TYPE AND APPLICATION (2012-2017)**

3.1 China Power Electronics for Electric Vehicles Sales, Revenue, Market Share and Price by Type (2012-2017)

3.1.1 China Power Electronics for Electric Vehicles Sales and Market Share by Type (2012-2017)

3.1.2 China Power Electronics for Electric Vehicles Revenue and Market Share by Type (2012-2017)

3.1.3 China Power Electronics for Electric Vehicles Price by Type (2012-2017)

3.2 China Power Electronics for Electric Vehicles Sales and Market Share by Application (2012-2017)

3.3 China Market Power Electronics for Electric Vehicles Sales, Revenue (Million USD), Price and Gross Margin (2012-2017)

### **4 CHINA POWER ELECTRONICS FOR ELECTRIC VEHICLES VENDORS/MANUFACTURERS PROFILES AND SALES DATA**

4.1 Infineon Technologies

4.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

4.1.2 Power Electronics for Electric Vehicles Product Types, Application and Specification

4.1.2.1 Category One

4.1.2.2 Category Two

4.1.3 Infineon Technologies Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

4.1.4 Main Business/Business Overview

4.1.5 Infineon Technologies News

4.2 Mitsubishi Electric

4.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

#### 4.2.2 Power Electronics for Electric Vehicles Product Types, Application and Specification

##### 4.2.2.1 Category One

##### 4.2.2.2 Category Two

#### 4.2.3 Mitsubishi Electric Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

##### 4.2.4 Main Business/Business Overview

##### 4.2.5 Mitsubishi Electric News

#### 4.3 Fuji Electric

##### 4.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

##### 4.3.2 Power Electronics for Electric Vehicles Product Types, Application and Specification

###### 4.3.2.1 Category One

###### 4.3.2.2 Category Two

##### 4.3.3 Fuji Electric Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

###### 4.3.4 Main Business/Business Overview

###### 4.3.5 Fuji Electric News

#### 4.4 SEMIKRON

##### 4.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

##### 4.4.2 Power Electronics for Electric Vehicles Product Types, Application and Specification

###### 4.4.2.1 Category One

###### 4.4.2.2 Category Two

##### 4.4.3 SEMIKRON Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

###### 4.4.4 Main Business/Business Overview

###### 4.4.5 SEMIKRON News

#### 4.5 ON Semiconductor

##### 4.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

##### 4.5.2 Power Electronics for Electric Vehicles Product Types, Application and Specification

###### 4.5.2.1 Category One

###### 4.5.2.2 Category Two

##### 4.5.3 ON Semiconductor Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

- 4.5.4 Main Business/Business Overview
- 4.5.5 ON Semiconductor News
- 4.6 Renesas Electronics
  - 4.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 4.6.2 Power Electronics for Electric Vehicles Product Types, Application and Specification
    - 4.6.2.1 Category One
    - 4.6.2.2 Category Two
  - 4.6.3 Renesas Electronics Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)
  - 4.6.4 Main Business/Business Overview
  - 4.6.5 Renesas Electronics News
- 4.7 Vishay Intertechnology
  - 4.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 4.7.2 Power Electronics for Electric Vehicles Product Types, Application and Specification
    - 4.7.2.1 Category One
    - 4.7.2.2 Category Two
  - 4.7.3 Vishay Intertechnology Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)
  - 4.7.4 Main Business/Business Overview
  - 4.7.5 Vishay Intertechnology News
- 4.8 Texas Instruments
  - 4.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 4.8.2 Power Electronics for Electric Vehicles Product Types, Application and Specification
    - 4.8.2.1 Category One
    - 4.8.2.2 Category Two
  - 4.8.3 Texas Instruments Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)
  - 4.8.4 Main Business/Business Overview
  - 4.8.5 Texas Instruments News
- 4.9 Toshiba
  - 4.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 4.9.2 Power Electronics for Electric Vehicles Product Types, Application and

## Specification

4.9.2.1 Category One

4.9.2.2 Category Two

4.9.3 Toshiba Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

4.9.4 Main Business/Business Overview

4.9.5 Toshiba News

## 4.10 Stmicroelectronics

4.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

4.10.2 Power Electronics for Electric Vehicles Product Types, Application and Specification

4.10.2.1 Category One

4.10.2.2 Category Two

4.10.3 Stmicroelectronics Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

4.10.4 Main Business/Business Overview

4.10.5 Stmicroelectronics News

## 4.11 NXP Semiconductors

4.11.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

4.11.2 Power Electronics for Electric Vehicles Product Types, Application and Specification

4.11.2.1 Category One

4.11.2.2 Category Two

4.11.3 NXP Semiconductors Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

4.11.4 Main Business/Business Overview

4.11.5 NXP Semiconductors News

## 4.12 Microsemi Corporation

4.12.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

4.12.2 Power Electronics for Electric Vehicles Product Types, Application and Specification

4.12.2.1 Category One

4.12.2.2 Category Two

4.12.3 Microsemi Corporation Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2015 and 2016)

4.12.4 Main Business/Business Overview

#### 4.12.5 Microsemi Corporation News

## **5 PRODUCTION COST ANALYSIS OF POWER ELECTRONICS FOR ELECTRIC VEHICLES**

### 5.1 Main Raw Materials of Power Electronics for Electric Vehicles

#### 5.1.1 List of Power Electronics for Electric Vehicles Main Raw Materials

#### 5.1.2 Power Electronics for Electric Vehicles Main Raw Materials Price Analysis

#### 5.1.3 Power Electronics for Electric Vehicles Raw Materials Major Suppliers

#### 5.1.4 Power Electronics for Electric Vehicles Main Raw Materials Market

#### Concentration Rate

### 5.2 Production Cost Structure of Power Electronics for Electric Vehicles

#### 5.2.1 Raw Materials

#### 5.2.2 Labor Cost

#### 5.2.3 Production Expenses

### 5.3 Power Electronics for Electric Vehicles Manufacturing Process/Method

## **6 VALUE CHAIN, PURCHASING STRATEGY AND DOWNSTREAM BUYERS**

### 6.1 Power Electronics for Electric Vehicles Value Chain Analysis

### 6.2 Upstream Raw Materials Purchasing

### 6.3 Raw Materials Sources of Power Electronics for Electric Vehicles Major Vendors in 2016

### 6.4 Downstream Buyers

## **7 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

### 7.1 Sales Channel

#### 7.1.1 Direct Sales

#### 7.1.2 Indirect Sales

#### 7.1.3 Sales Channel Development Trend

### 7.2 Product Market Positioning

#### 7.2.1 Pricing Strategy

#### 7.2.2 Brand Strategy

#### 7.2.3 Target Client

### 7.3 Power Electronics for Electric Vehicles Distributors/Traders List in China

## **8 MARKET INFLUENCES FACTORS ANALYSIS**



- 8.1 Changes from the Related Industries
- 8.2 Substitutes Threat
- 8.3 Customer Preference Change
- 8.4 Economic/Political Environmental Change
- 8.5 Upstream and Downstream Fluctuation

## **9 CHINA POWER ELECTRONICS FOR ELECTRIC VEHICLES MARKET FORECAST (2017-2022)**

### 9.1 China Power Electronics for Electric Vehicles Sales, Revenue and Price Forecast (2017-2022)

#### 9.1.1 China Power Electronics for Electric Vehicles Sales and Growth Rate Forecast (2017-2022)

#### 9.1.2 China Power Electronics for Electric Vehicles Revenue and Growth Rate Forecast (2017-2022)

#### 9.1.3 China Power Electronics for Electric Vehicles Price Trend Forecast (2017-2022)

### 9.2 China Power Electronics for Electric Vehicles Sales Forecast by Type (2017-2022)

### 9.3 China Power Electronics for Electric Vehicles Sales Forecast by Application (2017-2022)

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 APPENDIX**

### 11.1 Methodology

### 11.2 Analyst Introduction

### 11.3 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of Power Electronics for Electric Vehicles

Figure China Power Electronics for Electric Vehicles Sales (volume) for Each Type (2012-2022)

Figure China Power Electronics for Electric Vehicles Sales Market Share by Types in 2016

Figure Product Picture of Power IC

Table Major Players of Power IC

Figure Product Picture of Power Module

Table Major Players of Power Module

Figure Product Picture of Power Discrete

Table Major Players of Power Discrete

Figure China Power Electronics for Electric Vehicles Sales Present Situation and Outlook by Applications (2012-2022)

Figure China Power Electronics for Electric Vehicles Sales Market Share by Types in 2016

Figure HEV Examples

Figure EV Examples

Figure PHEV Examples

Figure China Power Electronics for Electric Vehicles Revenue (Million USD) Status and Forecast (2012-2022)

Figure China Power Electronics for Electric Vehicles Sales (Volume) Status and Forecast (2012-2022)

Table China Power Electronics for Electric Vehicles Sales by Vendors (2012-2017)

Table China Power Electronics for Electric Vehicles Sales Market Share (%) by Vendors (2012-2017)

Figure China Power Electronics for Electric Vehicles Sales Share by Vendors in 2015

Figure China Power Electronics for Electric Vehicles Sales Share by Vendors in 2016

Table China Power Electronics for Electric Vehicles Revenue (Million USD) by Vendors (2012-2017)

Table China Power Electronics for Electric Vehicles Revenue Market Share (%) by Vendors (2012-2017)

Figure China Power Electronics for Electric Vehicles Revenue Share by Vendors in 2015

Figure China Power Electronics for Electric Vehicles Revenue Share by Vendors in 2016

Table China Power Electronics for Electric Vehicles Average Price by Vendors in 2016

Table China Power Electronics for Electric Vehicles Manufacturing Base Distribution and Sales Area by Vendors

Table Vendors Power Electronics for Electric Vehicles Product Types

Figure Power Electronics for Electric Vehicles Market Share of Top 3 Vendors

Figure Power Electronics for Electric Vehicles Market Share of Top 5 Vendors

Table China Power Electronics for Electric Vehicles Sales by Type (2012-2017)

Table China Power Electronics for Electric Vehicles Sales and Market Share by Type (2012-2017)

Figure China Power Electronics for Electric Vehicles Sales Market Share by Type (2012-2017)

Figure 2016 China Power Electronics for Electric Vehicles Sales Market Share by Type

Table China Power Electronics for Electric Vehicles Revenue (Million USD) by Type (2012-2017)

Table China Power Electronics for Electric Vehicles Revenue Market Share by Type (2012-2017)

Figure China Power Electronics for Electric Vehicles Revenue Market Share by Type (2012-2017)

Figure 2016 China Power Electronics for Electric Vehicles Revenue Market Share by Type

Table China Power Electronics for Electric Vehicles Price by Type (2012-2017)

Table China Power Electronics for Electric Vehicles Sales by Application (2012-2017)

Table China Power Electronics for Electric Vehicles Sales and Market Share by Application (2012-2017)

Figure China Power Electronics for Electric Vehicles Sales Market Share by Application (2012-2017)

Figure 2016 China Power Electronics for Electric Vehicles Sales Market Share by Application

Table China Market Power Electronics for Electric Vehicles Sales, Revenue (Million USD), Price and Gross Margin (2012-2017)

Table Infineon Technologies Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Infineon Technologies Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Infineon Technologies Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Mitsubishi Electric Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Mitsubishi Electric Power Electronics for Electric Vehicles Sales, Revenue, Price

and Gross Margin (2012-2017)

Figure Mitsubishi Electric Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Fuji Electric Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Fuji Electric Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Fuji Electric Power Electronics for Electric Vehicles Market Share (2012-2017)

Table SEMIKRON Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table SEMIKRON Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure SEMIKRON Power Electronics for Electric Vehicles Market Share (2012-2017)

Table ON Semiconductor Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table ON Semiconductor Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure ON Semiconductor Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Renesas Electronics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Renesas Electronics Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Renesas Electronics Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Vishay Intertechnology Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Vishay Intertechnology Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Vishay Intertechnology Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Texas Instruments Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Texas Instruments Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Texas Instruments Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Toshiba Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Toshiba Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross

Margin (2012-2017)

Figure Toshiba Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Stmicroelectronics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Stmicroelectronics Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Stmicroelectronics Power Electronics for Electric Vehicles Market Share (2012-2017)

Table NXP Semiconductors Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table NXP Semiconductors Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure NXP Semiconductors Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Microsemi Corporation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Microsemi Corporation Power Electronics for Electric Vehicles Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Microsemi Corporation Power Electronics for Electric Vehicles Market Share (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Power Electronics for Electric Vehicles Main Raw Materials Price Trend

Table Power Electronics for Electric Vehicles Raw Materials Major Suppliers List

Figure Production Cost Structure of Power Electronics for Electric Vehicles

Figure Power Electronics for Electric Vehicles Manufacturing Process/Method

Figure Power Electronics for Electric Vehicles Value Chain Analysis

Table Raw Materials Sources of Power Electronics for Electric Vehicles Major Vendors in 2016

Table Major Buyers of Power Electronics for Electric Vehicles

Table Power Electronics for Electric Vehicles Distributors/Traders List in China

Figure China Power Electronics for Electric Vehicles Sales and Growth Rate Forecast (2017-2022)

Figure China Power Electronics for Electric Vehicles Revenue and Growth Rate Forecast (2017-2022)

Figure China Power Electronics for Electric Vehicles Price Trend Forecast (2017-2022)

Table China Power Electronics for Electric Vehicles Sales Forecast by Type (2017-2022)

Figure China Power Electronics for Electric Vehicles Sales Market Share Forecast by Type (2017-2022)

Figure China Power Electronics for Electric Vehicles Sales Market Share Forecast by Type in 2022

Table China Power Electronics for Electric Vehicles Sales Forecast by Application (2017-2022)

Figure China Power Electronics for Electric Vehicles Sales Market Share Forecast by Application (2017-2022)

Figure China Power Electronics for Electric Vehicles Sales Market Share Forecast by Application in 2022

## I would like to order

Product name: 2017-2022 China Power Electronics for Electric Vehicles Market Report (Status and Outlook)

Product link: <https://marketpublishers.com/r/21CB2791F52EN.html>

Price: US\$ 3,360.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/21CB2791F52EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

