



# China Automotive Body Electronics Industry Report, 2011

Sep. 2011

## ***This report***

- ◆ **Analyzes China automotive body electronics industry development**
- ◆ **Focuses on China auto body electronics related market**
- ◆ **Highlights the key enterprises of auto body electronics industry, also supplier of auto body electronic semiconductor**

---

Please visit our website to order this report and find more information about other titles at [www.researchinchina.com](http://www.researchinchina.com)

## **Related Products**

China Automotive Transmission Industry Report, 2010-2011

Global and China Automotive Wiring Harness Industry Report, 2010-2011

China Automotive Windshield Wiper Industry Report, 2010

China Automotive Heat Exchanger Market Report, 2010-2011

Global and China Automotive Aluminum Wheel Industry Report, 2010-2011

Global and China Automotive Seating System Industry Report, 2010-2011

## Abstract

Automotive body electronics are mainly applied for the control of automotive body systems such as SRS, safety belt, seating, doors and windows, locks and rearview mirrors. The pursuit of more enjoyable and comfortable driving experience by passenger vehicle owners poses higher requirements on the intellectualization of automotive body system. So the market condition of passenger vehicles will have a more distinct influence on automotive body electronics market. In recent years, the rapid development of China's passenger car market has fostered the growth of automotive body electronics industry.

In 2010, automotive electronics in high-end passenger cars accounted for more than 30% of cost per vehicle (CPV), while that in economical passenger cars made up around 20% of CPV. And body electronics accounted for approximately 23% of the total cost of automotive electronics. In 2010, the market size of automotive body electronics in China reached RMB 48.9 billion, up 34% YoY. It is estimated that the figure will register RMB 77 billion in 2015.

For the time being, foreign manufacturers still dominate the market of automotive body electronics in China. Therefore, the report studies and analyzes the development of 10 foreign manufacturers in China. Among foreign automotive body electronics enterprises, Mobis, Bosch, Denso, Continental and Delphi take the lead in terms of competitiveness.

Besides foreign enterprises, domestic automotive body electronics enterprises are also experiencing rapid development. The major enterprises include Qiming Information Technology, Hangsheng Electronics and Zhejiang CENFO Electronic Technology, of which Qiming is the most promising one, because FAW Group is its largest shareholder as well as biggest customer. Approximately 30% of the electronic products used in FAW Group's self-owned brand cars are purchased from Qiming. According to its planning, FAW Group will realize the sales volume of 5 million vehicles in 2015, around 2.6 million of which will be its self-owned brands. This will spur tremendous demand for automotive body electronics and other automotive electronics of Qiming.

**TOP 5 Foreign Automotive Body Electronics Enterprises in China**

Rank	Company	Number of Auto Body Electronics Companies	Main Products
1	Mobis	3	Cockpit Module, SRS Control Unit, etc.
2	Bosch	2	Thermal System, Windshield Wiper System, etc.
3	Denso	3	Wiper System, Door Control ECU, SRS ECU, Auto Air Conditioning System, etc.
4	Continental	2	Car Door and Window Control Module, Body Control Module, etc.
5	Delphi	1	Car Sound System, SRS, etc.

Source: ResearchInChina

### 1. Overview of Automotive Body Electronics

- 1.1 Automotive Electronics
- 1.2 Automotive Body Electronics
  - 1.2.1 Definition
  - 1.2.2 Composition of Automotive Body Electronic Control System
  - 1.2.3 Automotive Body Electronic Control Mode
  - 1.2.4 Development Trend of Automotive Body Electronic Control

### 2. Automotive Body Electronics Market in China

- 2.1 China Automotive Market
- 2.2 China Automotive Electronics Market
  - 2.2.1 Market Size
  - 2.2.2 Import and Export
- 2.3 China Automotive Body Electronics Market
  - 2.3.1 Market Size
  - 2.3.2 Import and Export
  - 2.3.3 Competition Pattern
  - 2.3.4 Factors Influencing Market Growth
  - 2.3.5 Development Trend

### 3. Development of Automotive Body Electronics-related Industries in China

- 3.1 Semiconductor Component Market
  - 3.1.1 Market Status
  - 3.1.2 Market Size
- 3.2 Main Products
  - 3.2.1 Sensor
  - 3.2.2 Microcontroller

### 4. Key Enterprises of Automotive Body Electronics in China

- 4.1 Foreign Manufacturers of Automotive Body Electronic Control System
  - 4.1.1 Beijing Hyundai Mobis Automotive Parts Co., Ltd.
  - 4.1.2 Bosch Automotive Parts (Suzhou) Co., Ltd.
  - 4.1.3 United Automotive Electronic Systems Co., Ltd. (UAES)
  - 4.1.4 Denso (China) Investment Co., Ltd.
  - 4.1.5 Continental Automotive Systems (Shanghai) Co., Ltd.
  - 4.1.6 Continental Automotive Systems (Tianjin) Co., Ltd.
  - 4.1.7 Delphi Electronics (Suzhou) Co., Ltd.
  - 4.1.8 Omron China
  - 4.1.9 Valeo Group
  - 4.1.10 Hella Shanghai Electronics Co., Ltd.(HSE)
  - 4.1.11 Guangzhou Magneti Marelli Motor Vehicle Instruments Co., Ltd.
  - 4.1.12 Atech Automotive (Wuhu) Co., Ltd.
- 4.2 Chinese Manufacturers of Automotive Body Electronic Control System
  - 4.2.1 Qiming Information Technology Co., Ltd.
  - 4.2.2 Hangsheng Electronics Co., Ltd.
  - 4.2.3 Zhejiang CENFO Electronic Technology Co., Ltd.
  - 4.2.4 Jiangsu AWA Automotive Electronics Co., Ltd.
  - 4.2.5 HiRain Technologies Co., Ltd.
  - 4.2.6 AnTec Electric System Co., Ltd.

### 5. Suppliers of Automotive Body Electronic Semiconductor

- 5.1 Infineon

- 5.2 ST
- 5.3 Renesas Electronics
- 5.4 Fujitsu
- 5.5 Freescale
- 5.6 TI
- 5.7 ROHM
- 5.8 NXP

### 6. Opportunities and Risks of Investment in China's Automotive Body Electronics Industry

- 6.1 Investment Opportunities
- 6.2 Investment Risks

- Proportion of Automotive Body Electronic Control Modes
- Merits and Demerits of Control Modes
- Output and Sales Volume of Passenger Vehicles in China, 2005-2011
- Output of Passenger Vehicles in China, 2011-2015E
- China's Automotive Electronics Market Scale and Growth Rate, 2003-2015E
- Key Automotive Electronics of China for Export, 2009
- Import Value of China's Automotive Electronics, 2007-2011
- Top 10 Exporting Countries of Automotive Electronics to China, 2010
- Export Value of China's Automotive Electronics, 2007-2011
- Top10 Export Destinations of China-made Automotive Electronics, 2010-2011
- Proportion of Automotive Body Electronics in Automotive Electronics
- Market Size of China's Automotive Body Electronics, 2003-2010
- Market Size of China's Automotive Body Electronics, 2011-2015E
- Import & Export Value of Main Automotive Body Electronics Products in China, 2009-2011
- Import & Export Value of Automotive Body Electronics in China, 2007-2011
- Operating Revenue of Foreign-funded Automotive Body Electronics Enterprises in China, 2009
- Status of Main Foreign-funded Automotive Body Electronics Enterprises in China
- Market Size of Automotive Semiconductor in the World, 2008-2014E
- Proportions of the Demand from Automotive Body Electronic Systems for Semiconductor
- Market Shares of Automotive Sensor Market Segments
- Market Size of Automotive Sensors in China, 2007-2010
- Market Size of Automotive Sensors in China, 2011-2015E
- Market Size of Automotive Microcontroller in the World, 2006-2014E
- Business Indicators of Beijing Hyundai Mobis, 2008-2009
- Business Indicators of Jiangsu Mobis, 2008-2009

- Business Indicators of Bosch Automotive Products (Suzhou), 2008-2009
- Main Subsidiaries of UAES
- Business Indicators of UAES, 2008-2009
- Main Automotive Body Electronics Subsidiaries of Denso in China
- Business Indicators of Continental Automotive Systems (Shanghai), 2007-2009
- Business Indicators of Delphi Electronics (Suzhou), 2007-2009
- Business Indicators of Omron (Guangzhou) Automotive Electronics, 2008-2009
- Business Indicators of Omron Electronic Components (Shenzhen), 2008-2009
- Operating Revenue of Valeo Group, 2007-2010
- Automotive Body Electronics Subsidiaries of Valeo in China
- Business Indicators of Automotive Body Electronics Subsidiaries of Valeo in China, 2009
- Business Indicators of HSE, 2008-2009
- Operating Revenue of Guangzhou Magneti Marelli, 2004-2009
- Business Indicators of Guangzhou Magneti Marelli, 2008-2009
- Operating Revenue of Atech Automotive (Wuhu), 2006-2010
- Operating Revenue and Net Income of QM, 2006-2011
- Operating Revenue and Gross Margin of Automotive Electronics Business of QM, 2007-2010
- Main Automotive Body Electronic Products of Hangsheng Electronics Co., Ltd.
- Operating Revenue of Hangsheng, 2004-2009
- Main Customers of Hangsheng
- Business Indicators of CENFO, 2008-2009
- Main Customers of Automotive Body Electronics of HiRain
- Automotive Electronic Products and OEM Business of AnTec
- Revenue of Infineon by Region, FY2009-FY2010
- Revenue of Infineon by Division, FY2009-FY2010

- Revenue of ST, 2006-2010
- Revenue of ST by Region and Division, 2008-2010
- Sales of ST by Region, 2011Q2
- Production Bases of ST
- Fujitsu Revenue by Business, FY2010
- Fujitsu Revenue by Region, FY2010
- Revenue of Freescale, 2006-2011
- Revenue of Freescale by Division, 2006-2011
- Business Indicators of TI, 2008-2010
- Revenue of TI by Division, 2008-2010
- Revenue of TI by Region, 2008-2010
- Application of ROHM's Semiconductor Chip in Automotive Electronics
- Revenue Structure of ROHM by Application, FY2010-FY2011
- Revenue of NXP from Automotive Application, 2009-2011



**You can place your order in the following alternative ways:**

1. Order online at [www.researchinchina.com](http://www.researchinchina.com)
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: [report@researchinchina.com](mailto:report@researchinchina.com)
4. Phone us at +86 10 82600828/ 82600893

<b>Party A:</b>			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

<b>Party B:</b>			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 1008, A2, Tower A, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	<a href="mailto:report@researchinchina.com">report@researchinchina.com</a>	Fax:	86-10-82601570
Bank details:	Beneficial Name: Beijing Waterwood Technologies Co., Ltd Bank Name: Bank of Communications, Beijing Branch Bank Address: NO.1 jinxiyuan shijicheng, Landianchang, Haidian District, Beijing Bank Account No #: 110060668012015061217 Routing No #: 332906 Bank SWIFT Code: COMMCNSHBJG		

Title	Format	Cost
<i>Total</i>		

**Choose type of format**

Hard copy	.....	1900 USD
PDF (Single user license)	.....	1800 USD
PDF (Enterprisewide license)	.....	2700 USD

**※ Reports will be dispatched immediately once full payment has been received.**  
**Payment may be made by wire transfer or credit card via Paypal.**