

# **Global Semiconductor Market (By Component, Application, Sales, Consumption Country and Company) Analysis to 2020**

<https://marketpublishers.com/r/G9CD52226E8EN.html>

Date: December 2015

Pages: 80

Price: US\$ 850.00 (Single User License)

ID: G9CD52226E8EN

## **Abstracts**

The semiconductor industry is widely recognized as a key driver for economic growth in its role as a multiple lever and technology enabler for the whole electronics value chain. The semiconductor industry has been growing virtually nonstop for the last four decades. With the increasing demand for electronics and requirements in new application areas, the semiconductor market is anticipated to grow at a CAGR of around 5% during the period 2015-2020.

### **Semiconductor Sales Share - By Region**

The U.S. semiconductor industry holds a dominant position in terms of global market share. Sales from U.S. semiconductor firms captured far and away the greatest share of any single country. The next highest country was Korea, with XX% global market share, followed by Japan, with XX%.

### **Semiconductor Consumption Market Share and Forecast - By Region**

China is the largest consumption market for semiconductors. China's semiconductor consumption market continues to grow many times faster than the worldwide market. Americas accounted for second largest share of the global semiconductor consumption market with XX% share in 2014. Europe and Japan stands at the third and fourth position in the global semiconductor consumption market respectively.

### **Global Semiconductor Market Share and Forecast - By Component**

Logic is the largest semiconductor component by market share, accounting for XX% in

2014. Memories was the second largest semiconductor component in 2014. The rising popularity of smartphones and tablet computers has emerged as a major reason for the significant growth of the global semiconductor memory market in the past decade. Microcontrollers Units (MCUs) and Microprocessor Units (MPUs) stands at the third position in the global semiconductor market in 2014. Analog ICs holds fourth spot in the global semiconductor component market being followed by Optical semiconductors and Discrete semiconductors. Sensors and Actuators stands at the last position with XX% market share in 2014.

### Global Semiconductor Market Share and Forecast - By Application

In the semiconductor application market, data processing dominates the total semiconductor market. Digitalization, mobility and connectivity drive the data processing market. Communications stands at the second position in the global semiconductor application market in 2014. Semiconductor sales in the communication segment will be strongly driven by premium smartphones. Industrial applications stands at the third position in the global semiconductor application market. Consumer Electronics and Automotive segment both accounted for XX% share each in 2014.

iGATE Research report titled "Global Semiconductor Market (By Component, Application, Sales, Consumption Country and Company) Analysis to 2020" is a 80 page report with 47 Figures and 6 Tables.

The Global Semiconductor Market have been analyzed from 7 viewpoints:

1. Global Semiconductor Sales - By Region (2013 - 2014)
2. Global Semiconductor Market and Forecast - By Component (2012 - 2020)
3. Global Semiconductor Market and Forecast - By Application (2012 - 2020)
4. Global Semiconductor Consumption Market and Forecast - Regional Analysis (2006 - 2020)
5. Global Semiconductor Revenue - By Top 20 Company (2009 - 2014)
6. Global Semiconductor Market - Driving Factors and Challenges
7. Key Semiconductor Deals in 2014 - 15

### Global Semiconductor Sales by Region - 6 Countries Covered

1. United States
2. Japan
3. Europe

4. China
5. Taiwan
6. Korea

#### Global Semiconductor Market by Component - 7 Components Analyzed

1. Memories
2. MPUs and MCUs
3. Logic
4. Analogue ICs
5. Discrete Semiconductors
6. Optical Semiconductors
7. Sensors and Actuators

#### Global Semiconductor Market by Application - 5 Application Analyzed

1. Data Processing
2. Communications
3. Consumer Electronics
4. Automotive
5. Industrial

#### Global Semiconductor Consumption Market - 5 Regions Covered

1. Americas
2. Europe
3. Japan
4. China
5. Rest of the World

#### Global Semiconductor Revenue - Top 20 Company Covered

1. Intel
2. Samsung Electronics
3. Qualcomm
4. Micron Technology
5. SK Hynix
6. Texas Instruments
7. Toshiba

8. Broadcom
9. STMicroelectronics
10. MediaTek
11. Renesas Electronics Corporation
12. SanDisk
13. Infineon Technologies
14. NXP
15. Avago Technologies
16. Advanced Micro Devices (AMD)
17. Freescale Semiconductors
18. Sony
19. nVidia
20. Marvell Technology Group

#### Source of Information

iGATE RESEARCH employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports. This report is built by using data and information sourced from Proprietary Information Database, Primary and Secondary Research Methodologies, and In house analysis by iGATE Research dedicated team of qualified professionals with deep industry experience and expertise.

#### Research Methodologies

Primary Research Methodologies: Questionnaires, Surveys, Interviews with Individuals, Small Groups, Telephonic Interview, etc.

Secondary Research Methodologies: Printable and Non-printable sources, Newspaper, Magazine and Journal Content, Government And NGO Statistics, white Papers, Information on the Web, Information from Agencies Such as Industry Bodies, Companies Annual Report, Government Agencies, Libraries And Local Councils and a large number of Paid Databases.

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL SEMICONDUCTOR MARKET AND FORECAST (2006 - 2020)**

### **3. GLOBAL SEMICONDUCTOR MARKET SHARE AND FORECAST**

- 3.1 Semiconductor Sales Share - By Region (2013 - 2014)
- 3.2 Semiconductor Consumption Market Share and Forecast - By Region
- 3.3 Global Semiconductor Market Share and Forecast - By Component
- 3.4 Global Semiconductor Market Share and Forecast - By Application

### **4. GLOBAL SEMICONDUCTOR MARKET AND FORECAST - BY COMPONENT (2012 - 2020)**

- 4.1 Global Memories Market and Forecast
- 4.2 Global MPUs and MCUs Market and Forecast
- 4.3 Global Logic Market and Forecast
- 4.4 Global Analogue ICs Market and Forecast
- 4.5 Global Discrete Semiconductors Market and Forecast
- 4.6 Global Optical Semiconductors Market and Forecast
- 4.7 Global Sensors and Actuators Market and Forecast

### **5. GLOBAL SEMICONDUCTOR MARKET AND FORECAST - BY APPLICATION (2012 - 2020)**

- 5.1 Global Data Processing Market and Forecast
- 5.2 Global Communications Market and Forecast
- 5.3 Global Consumer Electronics Market and Forecast
- 5.4 Global Automotive Market and Forecast
- 5.5 Global Industrial Market and Forecast

### **6. SEMICONDUCTOR CONSUMPTION MARKET AND FORECAST - REGIONAL ANALYSIS (2006 - 2020)**

- 6.1 Americas Semiconductor Consumption Market and Forecast
- 6.2 Europe Semiconductor Consumption Market and Forecast
- 6.3 Japan Semiconductor Consumption Market and Forecast

6.4 China Semiconductor Consumption Market and Forecast

6.5 Rest of the World Semiconductor Consumption Market and Forecast

## **7. GLOBAL SEMICONDUCTOR REVENUE - BY TOP 20 COMPANY (2009 - 2014)**

## **8. GLOBAL SEMICONDUCTOR MARKET - DRIVING FACTORS**

8.1 IoT Emergence and Subsequent Expansion Will Drive the Semiconductor Industry

8.2 IoT Exposure of Key Semiconductor Companies: Steps Taking To Leverage Growth

8.3 Increasing Smartphone and Tablets Demand Fuels the Semiconductor Industry

8.4 Automotive Industry Boosts Semiconductor Industry

8.5 Wearable Devices Drives Semiconductor Industry

8.6 Recovering Economies Driving Growth in the Industrial Semiconductor Market

## **9. GLOBAL SEMICONDUCTOR MARKET - CHALLENGES**

9.1 Rising costs and Economic Challenges

9.2 Semiconductor Industry cyclical

9.3 Challenges for China in Semiconductor Manufacturing

## **10. KEY SEMICONDUCTOR DEALS IN 2014-15**

## List Of Figures

### LIST OF FIGURES:

Figure 2-1: Global - Semiconductor Market (Billion US\$), 2006 - 2014

Figure 2-2: Global - Forecast for Semiconductor Market (Billion US\$), 2015 - 2020

Figure 3-1: Regional - Semiconductor Sales Share (Percent), 2013 - 2014

Figure 3-2: By Component - Global Semiconductor Market Share (Percent), 2012 - 2014

Figure 3-3: By Component - Forecast for Global Semiconductor Market Share (Percent), 2015 - 2020

Figure 3-4: By Application - Global Semiconductor Market Share (Percent), 2012 - 2014

Figure 3-5: By Application - Forecast for Global Semiconductor Market Share (Percent), 2015 - 2020

Figure 4-1: Global - Memories Market (Billion US\$), 2012 - 2014

Figure 4-2: Global - Forecast for Memories Market (Billion US\$), 2015 - 2020

Figure 4-3: Global - MPUs and MCUs Market (Billion US\$), 2012 - 2014

Figure 4-4: Global - Forecast for MPUs and MCUs Market (Billion US\$), 2015 - 2020

Figure 4-5: Global - Logic Market (Billion US\$), 2012 - 2014

Figure 4-6: Global - Forecast for Logic Market (Billion US\$), 2015 - 2020

Figure 4-7: Global - Analogue ICs Market (Billion US\$), 2012 - 2014

Figure 4-8: Global - Forecast for Analogue ICs Market (Billion US\$), 2015 - 2020

Figure 4-9: Global - Discrete Semiconductors Market (Billion US\$), 2012 - 2014

Figure 4-10: Global - Forecast for Discrete Semiconductors Market (Billion US\$), 2015 - 2020

Figure 4-11: Global - Optical Semiconductors Market (Billion US\$), 2012 - 2014

Figure 4-12: Global - Forecast for Optical Semiconductors Market (Billion US\$), 2015 - 2020

Figure 4-13: Global - Sensors and Actuators Market (Billion US\$), 2012 - 2014

Figure 4-14: Global - Forecast for Sensors and Actuators Market (Billion US\$), 2015 - 2020

Figure 5-1: Global - Data Processing Market (Billion US\$), 2012 - 2014

Figure 5-2: Global - Forecast for Data Processing Market (Billion US\$), 2015 - 2020

Figure 5-3: Global - Communications Market (Billion US\$), 2012 - 2014

Figure 5-4: Global - Forecast for Communications Market (Billion US\$), 2015 - 2020

Figure 5-5: Global - Consumer Electronics Market (Billion US\$), 2012 - 2014

Figure 5-6: Global - Forecast for Consumer Electronics Market (Billion US\$), 2015 - 2020

Figure 5-7: Global - Automotive Market (Billion US\$), 2012 - 2014



Figure 5-8: Global - Forecast for Automotive Market (Billion US\$), 2015 - 2020

Figure 5-9: Global - Industrial Market (Billion US\$), 2012 - 2014

Figure 5-10: Global - Forecast for Industrial Market (Billion US\$), 2015 - 2020

Figure 6-1: Americas - Semiconductor Consumption Market (Billion US\$), 2006 - 2014

Figure 6-2: Americas - Forecast for Semiconductor Consumption Market (Billion US\$), 2015 - 2020

Figure 6-3: Europe - Semiconductor Consumption Market (Billion US\$), 2006 - 2014

Figure 6-4: Europe - Forecast for Semiconductor Consumption Market (Billion US\$), 2015 - 2020

Figure 6-5: Japan - Semiconductor Consumption Market (Billion US\$), 2006 - 2014

Figure 6-6: Japan - Forecast for Semiconductor Consumption Market (Billion US\$), 2015 - 2020

Figure 6-7: China - Semiconductor Consumption Market (Billion US\$), 2006 - 2014

Figure 6-8: China - Forecast for Semiconductor Consumption Market (Billion US\$), 2015 - 2020

Figure 6-9: Rest of the World - Semiconductor Consumption Market (Billion US\$), 2006 - 2014

Figure 6-10: Rest of the World - Forecast for Semiconductor Consumption Market (Billion US\$), 2015 - 2020

Figure 8-1: Global - IoT Market (Billion US\$), 2013 - 2014

Figure 8-2: Global - Forecast for IoT Market (Billion US\$), 2015 - 2020

Figure 8-3: Global - Smartphone Shipments Volume (Million Units), 2009 - 2014

Figure 8-4: Global - Forecast for Smartphone Shipments Volume (Million Units), 2015 - 2019

Figure 8-5: Global - Tablet Shipments Volume (Million Units), 2010 - 2014

Figure 8-6: Global - Forecast for Tablet Shipments Volume (Million Units), 2015 - 2019



## List Of Tables

### LIST OF TABLES:

Table 3-1: Regional - Semiconductor Consumption Market Share (Percent), 2006 - 2014

Table 3-2: Regional - Forecast for Semiconductor Market Share (Percent), 2015 - 2020

Table 7-1: Top 20 Company - Semiconductor Revenue and Rank Analysis (Billion US\$), 2009 - 2010

Table 7-2: Top 20 Company - Semiconductor Revenue and Rank Analysis (Billion US\$), 2011 - 2012

Table 7-3: Top 20 Company - Semiconductor Revenue and Rank Analysis (Billion US\$), 2013 - 2014

Table 10-1: Key Semiconductor Deals - Impacted Market Segments and Major Reasons Underlying Deal, 2014 - 2015

## I would like to order

Product name: Global Semiconductor Market (By Component, Application, Sales, Consumption Country and Company) Analysis to 2020

Product link: <https://marketpublishers.com/r/G9CD52226E8EN.html>

Price: US\$ 850.00 (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/G9CD52226E8EN.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

