

# Global and China Semiconductor Equipment Industry Report, 2014-2015

<https://marketpublishers.com/r/GCB4DBFC830EN.html>

Date: June 2015

Pages: 116

Price: US\$ 2,300.00 (Single User License)

ID: GCB4DBFC830EN

## Abstracts

Global and China Semiconductor Equipment Industry Report, 2014-2015 covers the following:

1. Global Semiconductor Market and Industry;
2. China Semiconductor Market and Industry;
3. Global and China Semiconductor Equipment Market and Industry;
4. Fifteen Semiconductor Equipment Vendors

In 2014, the global semiconductor equipment market size totaled USD38 billion, up 10.4% from 2013. It is predicted that in 2015 this figure will climb to USD40.5 billion, a rise of 6.7% from a year ago, and that the market size in 2016 will slump by 5.6% as compared to 2015. However, the possible shrinkage in 2016 might come from the following factors:

Firstly, following a peak in 2014, main electronic products such as smartphones and tablet and laptop PCs have stagnated or declined. This is particularly true of tablet PCs, which has presented a significant decline. On the other hand, equipment market delays being sluggish but will without doubt decline in 2016.

Secondly, due to the global deflation, prices for bulk commodity led by oil and iron ore plunged and would cause knock-on effect, which would in turn result in a fall in semiconductor equipment prices.

Thirdly, global economic recovery will probably come to a halt, with the US GDP dropping by 0.7% in 2015Q1. Moreover, China's GDP growth slowed obviously. The both countries constituted the major driving force of the global economy. The

stimulatory effect of US QE began to fade away, and therefore the economy might go down.

In the future, it is difficult to come up with a start product like smartphones. Thus, the prospects for the semiconductor industry remain uncertain.

In 2014, semiconductor equipment vendors made remarkable performance, with a substantial rise in operating profit, though their revenue did not increase. The merger of Applied Material and Tokyo Electron was rejected by the US Department of Commerce. In future, more of M&A plans may well be intervened by the government, after all semiconductor equipment market is a highly concentrated market.

In 2015, the Chinese semiconductor companies and institutions showed their strength, launching a series of mergers and acquisitions. The Chinese enterprises are adept in and fond of capital operation rather than industrial production. The semiconductor equipment market size in China will reach USD4.4 billion in 2015, of which the domestic companies, mostly engaged in low-end equipment, will account for just 14%.

## Contents

### **1 GLOBAL SEMICONDUCTOR INDUSTRY**

- 1.1 Overview
- 1.2 Memory Industry Overview
- 1.3 DRAM Supply and Demand
- 1.4 NAND Supply and Demand
- 1.5 Memory Industry Chain
- 1.6 Market Share of Memory Vendors
- 1.7 Ranking of Memory Vendors
- 1.8 Market Share of NorFlash Vendors
- 1.9 IC Fabrication and Wafer Foundry
- 1.10 Overview of IC Packaging and Testing Industry
- 1.11 Chinese IC Market
- 1.12 China's Semiconductor Industry
- 1.13 China's Policies for Fostering Semiconductor Industry
- 1.14 M&A Activities in China's Semiconductor Industry
- 1.15 China's IC Industry Development Forecast

### **2 SEMICONDUCTOR EQUIPMENT INDUSTRY**

- 2.1 Semiconductor Equipment Market
- 2.2 Latest Developments of Semiconductor Equipment
- 2.3 Etching Equipment Industry
- 2.4 Thin Film Deposition Equipment Industry
- 2.5 Lithography Equipment Industry
- 2.6 Semiconductor Process Control Equipment
- 2.7 Compound Semiconductor Equipment Market
  - 2.7.1 Aixtron
  - 2.7.2 VEECO
- 2.8 Ranking of Semiconductor Equipment Vendors
- 2.9 China's Semiconductor Equipment Industry

### **3 MAJOR SEMICONDUCTOR EQUIPMENT VENDORS**

- 3.1 Applied Materials
- 3.2 ASML
- 3.3 Tokyo Electron

- 3.4 KLA-Tencor
- 3.5 Lam Research
- 3.6 DAINIPPON SCREEN
- 3.7 Nikon Precision
- 3.8 Advantest
- 3.9 Hitachi High-Technologies
- 3.10 ASM International N.V.
- 3.11 Teradyne
- 3.12 ASM PACIFIC
- 3.13 Kulicke & Soffa
- 3.14 AMEC
- 3.15 Sevenstar Electronics

#### **4 SEMICONDUCTOR DOWNSTREAM MARKET**

- 4.1 LTE Mobile Phone Market
- 4.2 Global Mobile Phone Industry
- 4.3 China's Mobile Phone Market
- 4.4 Laptop PC Market
- 4.5 Tablet PC Market

## Selected Charts

### SELECTED CHARTS

Global Semiconductor Market Size, 2013-2019E  
Product Distribution of Global Semiconductor Market, 2013-2016E  
Growth Rate of Global Semiconductor Products by Market Size, 2013-2016E  
Capital Expenditure of Global Semiconductor Equipment, 2008-2017E  
Capital Expenditure of Global Semiconductor Equipment by Downstream Application, 2008-2017E  
Global Memory Market by Type, 2014  
Automotive Memory Market Size, 2008-2015  
Automotive Memory Market by Technology, 2010-2015  
DRAM Industry Capex, 2008-2015  
DRAM Oversupply Ratio, 2013-2016E  
DRAM Demand by Device, 2013-2015  
DRAM GB/System, 2013-2015  
DRAM Oversupply Ratio, 2014Q1-2016Q4  
NAND Industry Capex, 2008-2015  
Memory Industry Chain  
Branded DRAM Vendor Market Share, 2014Q1-Q4  
Branded NAND Vendor Market share, 2014Q1-Q4  
Mobile DRAM Vendor Market share, 2014Q1-Q4  
Ranking of Major Memory Vendors by Revenue, 2013-2015  
Revenue and Operating Margin of Memory Design Houses, 2013-2015  
Operating Margin of Major Memory Vendors, 2013-2014  
Market Share of Major NorFlash Vendors, 2012  
Market Share of Major NorFlash Vendors, 2014  
Global Foundry Market Size, 2008-2017E  
Foundry Revenue of Advanced Nodes, 2012-2017E  
Capacity of Top 10 IC Wafer Leaders, 2013  
Ranking of Global Wafer Foundries by Sales, 2005-2014  
Global IC Packaging and Testing Market Size, 2012-2017E  
Global Outsourced IC Packaging and Testing Market Size, 2012-2017E  
Global IC Packaging Market Size, 2012-2017E  
Global IC Testing Market Size, 2012-2017E  
China's IC Market Size, 2011-2017E  
China's IC Import Value, 2006-2014  
China's IC Export Value, 2006-2014

Sales of China's IC Industry, 2008-2014  
China's IC Industry Capex, 2008-2014  
Ranking of Top 10 IC Design Houses by Sales, 2004/2014  
National IC Fund Structure  
Semiconductor Manufacturing Process  
Capital Spending of Semiconductor Equipment, 2013-2019E  
Semiconductor Equipment Market Size, 2010-2018E  
Market Size of Semiconductor Equipment by Region, 2010-2016E  
Global Fab Equipment Investment, 2007-2016E  
Semiconductor Shipments to Japan vs. Japanese Electronic Equipment Production, 2009-2015  
North American Semiconductor Equipment Industry Book/Bill Ratio, 1999-2015  
Global Silicon Wafer vs. Semiconductor Shipments, 2000-2015  
Etching Market by Solution, 2008-2012  
Market Share of Major Etching Equipment Players, 2000200520102013  
Market Share of Major Global CVD, PVD, ECD, and CMP Vendors, 200020052010  
Deposition market by Solution, 2008-2012  
Deposition Market Share, 2012  
Market Share of Global Lithography Equipment Vendors, 1992-2011  
Growth Rate of Semiconductor Process Control Equipment Market, 1995-2012  
Connectivity RF Market Size, 2011-2017E  
Costs of Mobile Phone RF System  
Global Presence of AIXTRON  
AIXTRON's Revenue and EBIT, 2003-2015  
AIXTRON's Revenue by Application, 1999-2014  
AIXTRON's Order Intake, 2013Q1-2015Q1  
AIXTRON Order Backlog, 2013Q1-2015Q1  
AIXTRON Technology Position  
Aixtron Sales by End Application, Q1/2015  
Aixtron Sales by Business, Q1/2015  
VEECO's Revenue and Operating Margin, 2004-2015  
VEECO's MOCVD Market Share, 2007-2014  
VEECO's Market Data, Q1/15  
VEECO's Revenue by End Market, Q1/14-Q1/15  
Veeco PSP: Front-End Performance at Packaging Costs  
Ranking of Global Semiconductor Equipment Vendors by Revenue, 2006-2015  
Operating Margin of Major Global Semiconductor Equipment Vendors, 2013-2015  
AMAT's Revenue, Gross Margin and Operating Margin, FY2007-FY2015  
AMAT's Operation Profit by Segment, FY2012-FY2014

Value of AMAT's New Orders and Order Backlog, FY2007-FY2014  
AMAT's New Order Value and Operating Profit, 2013Q4-2015Q1  
AMAT's Revenue and Operating Margin, 2013Q4-2015Q1  
AMAT's New Orders by Region, FY2009-FY2015  
AMAT's New Orders by Division, FY2009-FY2015  
AMAT's Order Backlog by Division, FY2010-FY2013  
AMAT's Net Sales by Region, FY2009-FY2015  
AMAT's Net Sales by Segment, FY2009-FY2015  
AMAT's Display Revenue by Region, FY2011-FY2014  
New Orders of AMAT's Semiconductor Equipment Segment by Business, FY2009-FY2014  
ASML's Revenue and Gross Margin, 2007-2015  
ASML's Revenue, 2010Q1-2015Q1  
ASML's Revenue by Application, 2010Q1-2015Q1  
ASML's Order Backlog by Technology and Region, 2015Q1  
ASML's Quarterly Revenue and Operating Margin, 2013Q4-2015Q1  
ASML's Quarterly Sales Volume and ASP, 2013Q4-2015Q1  
ASML's Quarterly Revenue and Netbooking, 2013Q4-2015Q1  
ASML's Order Backlog Value by Region, 2010-2015  
ASML's Order Backlog Value by Application, 2010-2015  
ASML's Order Backlog Value by Technology, 2010-2015  
ASML's Roadmap  
TEL's Revenue and Operating Margin, FY2007-FY2016  
Global Presence of TEL  
TEL's Revenue by Business, FY2006-FY2015  
TEL's Semi Equipment Revenue by Region, FY2006-FY2015  
TEL's Cleaning System  
TEL's ETCH System  
KLA-Tencor's Revenue and Operating Margin, FY2007-FY2015  
KLA-Tencor's Revenue by Business, FY2009-FY2015  
KLA-Tencor's Revenue by Application, FY2010-FY2015  
KLA-Tencor's Revenue by Region, FY2009-FY2015  
SEMI Process Control Vendor Market Share, 2004-2013  
KLA-Tencor Annual R&D Spending, 2002-2014  
Foundry Fab: Normalized to \$'s per 10k Wafer Starts per Month  
Revenue and Operating Margin of Lam Research, FY2007-FY2015  
Revenue and Net Income of Novellus, FY 2007- FY 2011  
Revenue and Gross Profit of Novellus, 2010Q1-2011Q4  
Net Orders and MoM Growth of Novellus, 2010Q1-2011Q4

Revenue of Novellus by Region, 2009-2011  
Revenue of Lam Research by Application, FY2011-FY2015  
Revenue of Lam Research by Region, FY2009-FY2015  
Organizational Structure of DAINIPPON SCREEN MFG  
Revenue and Operating Margin of DAINIPPON SCREEN, FY2007-FY2016  
DNP Net Sales by Segment, FY2014-FY2015  
DNP Operation Profit by Segment, FY2014-FY2015  
DNP Quarterly Net Sales by Segment, Q1/FY13-Q4/FY15  
DNP Quarterly Orders Received and Order Backlog, Q1/FY13-Q4/FY15  
DNP SE Segment Order Received by Application, Q1/FY13-Q4/FY15  
DNP Quarterly SE Segment Order Received by Region, Q4/FY15  
DNP Quarterly FT Segment Order Received by Application, Q1/FY13-Q4/FY15  
DNP FT Segment Order Received by Region, Q4/FY15  
Balance Sheet of DNP, Q1/FY2015  
Revenue and Operating Margin of Nikon Precision, FY2006-FY2016  
NIKON Precision Equipment IC Steppers & Scanners Sales by Technology, FY2012-FY2016  
NIKON Precision Equipment LCD Steppers & Scanners Sales by Generation, FY2012-FY2016  
Advantest's Gross Margin and Operating Profit, FY2013Q1-FY2015Q4  
Advantest's New Orders by Division, FY2013Q1-FY2015Q4  
Advantest's New Orders by Region, FY2013Q1-FY2015Q4  
Advantest's Revenue by Division, FY2013Q1-FY2015Q4  
Advantest's Revenue by Region, FY2013Q1-FY2015Q4  
Advantest Capex/R&D /Depreciation, FY2013Q1-FY2015Q4  
Balance Sheet of Advantest, 2015Q1  
Global Presence of Advantest  
Revenue and Operating Margin of Hitachi High-Technologies, FY2007-FY2016  
Revenue of Hitachi High-Technologies by Division, FY2011-FY2016  
Operating Profit of Hitachi High-Technologies by Division, FY2011-FY2016  
Electronic Device System Revenue of Hitachi High-Technologies by Business, FY2013-FY2014  
Electronic Device System Front-end Revenue of Hitachi High-Technologies by Field, FY2013-FY2014  
Hitachi High-Technologies' Revenue from Electronic Device Systems by Business, FY2015-FY2016  
ASM's Revenue and Operating Margin, 2006-2014  
ASM's Revenue by Business, 2006-2012  
ASM's Sales and EBIT, 2009Q1-2015Q1



ASM's Net Sales and Working Capital, 2011Q1-2015Q1  
ASM's Bookings/Backlog, 2009Q1-2015Q1  
ASM's Front-end Revenue by Region, 2010-2014  
Profile of Universal Robots  
Shipments of Universal Robots, 2008-2014  
Teradyne's Revenue and Operating Margin, 2006-2015  
Teradyne's Quarterly Orders, 2013Q1-2015Q1  
Teradyne's Quarterly Sales, 2013Q1-2015Q1  
Teradyne's Quarterly Gross Margin, 2013Q1-2015Q1  
Teradyne Litepiont's Quarterly Sales and Order, 2013Q1-2015Q1  
Teradyne's Sales by Region, 2015Q1  
ASM PACIFIC's Branches  
ASM PACIFIC's Revenue and Operating Profit, 2008-2014  
ASM PACIFIC's Product lines  
ASM PACIFIC's Revenue by Business, 2012-2014  
ASM PACIFIC's EBIT by Business, 2013-2014  
ASM PACIFIC's Revenue by Region, 2012-2014  
Revenue and Operating Margin of Kulicke & Soffa, FY2007-FY2015  
Top 10 Clients of Kulicke & Soffa, FY2011-FY2013  
Global Presence of Kulicke & Soffa  
Revenue and Operating Margin of Kulicke & Soffa, 2012Q1-2015Q1  
Kulicke & Soffa R&D, 2012Q1-2015Q1  
Kulicke & Soffa's Main Products  
K&S's Share of Wire Bonder Equipment Market, 2008-2017E  
K&S's Copper Bonder Unit, 2012-2017E  
Revenue and Operating Profit of Sevenstar Electronics, 2008-2015  
Revenue of Sevenstar Electronics by Business, 2009-2014  
Frequency Bands per Mobile Handset Device, 2000-2018E  
Cellular Terminal Shipment by Cellular Standard, 2000-2018E  
LTE-enabled Cellular Terminal, 2011-2018E  
Worldwide Smartphone Sales to End Users by Vendor, 2014 (Thousands of Units)  
Worldwide Smartphone Sales to End Users by Operating System, 2014 (Thousands of Units)  
Shipments of World's Top 10 Mobile Phone Vendors, 2014  
Monthly Shipments of Mobile Phones in China, Jan, 2013-Dec. 2014  
Market Share of Major Smartphone Vendors in China, 2014  
Market Share of Major 4G Mobile Phone Vendors in China, 2014  
Laptop Computer Shipments, 2008-2015  
Shipments of Major Laptop ODM Vendors Worldwide, 2010-2014

Global Tablet PC Shipments, 2011-2016E  
Shipments of Top 5 Tablet Vendors, 2014Q4  
Shipments, Market Share, and Growth of Top 5 Tablet Vendors, 2014

## I would like to order

Product name: Global and China Semiconductor Equipment Industry Report, 2014-2015

Product link: <https://marketpublishers.com/r/GCB4DBFC830EN.html>

Price: US\$ 2,300.00 (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/GCB4DBFC830EN.html>