



# Advanced Semiconductor Manufacturing Corporation Limited

(a foreign invested joint stock company incorporated in the People's Republic of China with limited liability)  
(Stock Code: 03355)

# 25



## ANNUAL REPORT 2012

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# Corporate Information

## DIRECTORS

### *Executive Director*

Dr. WANG Qingyu

### *Non-executive Directors*

Dr. CHEN Jianming (*Chairman*)  
Mr. Winfried Lodewijk PEETERS (*Vice Chairman*)  
Ms. SHEN Qing (*Vice Chairman*)  
Ms. WU Yi  
Mr. ZHU Jian  
Mr. XU Ding

### *Independent Non-executive Directors*

Mr. James Arthur WATKINS  
Dr. CHEN Enhua  
Dr. JIANG Qingtang  
Mr. PU Hanhu

## BOARD COMMITTEES

### *Audit Committee*

Mr. James Arthur WATKINS (*Chairman*)  
Dr. CHEN Enhua  
Dr. JIANG Qingtang  
Ms. WU Yi  
Ms. SHEN Qing

### *Remuneration Committee*

Mr. PU Hanhu (*Chairman*)  
Mr. James Arthur WATKINS  
Mr. ZHU Jian

### *Nomination Committee*

Dr. CHEN Jianming (*Chairman*)  
Mr. Winfried Lodewijk PEETERS  
Dr. CHEN Enhua  
Mr. PU Hanhu  
Mr. James Arthur WATKINS

### *Strategic Development Committee*

Mr. XU Ding (*Chairman*)  
Mr. Winfried Lodewijk PEETERS  
Mr. ZHU Jian  
Ms. SHEN Qing  
Dr. JIANG Qingtang

## SUPERVISORS

Ms. XU Chunlei (*Chairman*)  
Mr. YANG Yanhui  
Mr. SUN Biyuan  
Ms. CHEN Yan  
Mr. ZHOU Chengjie  
Mr. PAN Guojin

## JOINT COMPANY SECRETARIES

Mr. JING Wei  
Ms. MA Sau Kuen Gloria

## AUTHORIZED REPRESENTATIVES

Dr. WANG Qingyu  
Mr. JING Wei

## EXTERNAL AUDITORS

Ernst & Young

# Corporate Information

## REGISTERED OFFICE

### *Registered Office and Principal Place of Business in the PRC*

385 Hong Cao Road  
Shanghai 200233  
PRC

### *Principal Place of Business in Hong Kong*

8th Floor, Gloucester Tower  
The Landmark  
15 Queen's Road  
Central, Hong Kong

## SHAREHOLDERS' ENQUIRIES

### *Contact Information*

Tel: (86 21) 6485 1900  
Fax: (86 21) 6485 3925  
Website: [www.asmc.com](http://www.asmc.com)

### *Hong Kong Share Registrar and Transfer Office*

Computershare Hong Kong Investor Services Limited  
Shops 1712-1716  
17th Floor, Hopewell Centre  
183 Queen's Road East  
Wan Chai, Hong Kong

## SHARE INFORMATION

### *Listing Place*

Main Board of The Stock Exchange of Hong Kong Limited  
(the "Stock Exchange")

### *Listing Date*

7 April 2006

### *Stock Code*

03355

### *Number of H-shares Issued*

1,131,333,472 H-shares

### *Year-end Date*

31 December

### *Results Announcements*

Interim Results for 2012:  
published on 8 August 2012  
Annual Results for 2012:  
published on 20 March 2013

### *Annual General Meeting*

2:00 p.m. on Tuesday, 7 May 2013

## Chairman's Statement

On behalf of the Board of Directors (the "Board") of Advanced Semiconductor Manufacturing Corporation Limited (the "Company"), I am pleased to present the annual report of the Company for the year ended 31 December 2012.

An extremely weak global economy resulted in poor demand for semiconductor-related products for use in communication, computer and consumer applications, which was characterized by the stagnation in the first half of the year which slipped to a slump in the second half of the year in the global semiconductor market. The semiconductor supply chain participants actively managed inventory levels lower, and were reluctant to build their internal inventory through the year. As a result, the Company experienced a broad-based sharp order decline in the second half of the year, primarily from US and European-based major customers. Faced with worsening market conditions, the Company aggressively focused on financial and operational discipline, and implemented more flexible business strategies and a company-wide cost reduction campaign. Those effective measures enabled the Company to make another profitable year and achieve profitable results for the third consecutive year. During the year under review, the Company's revenue for the year ended 31 December 2012 decreased by 10.2% to RMB853.6 million from RMB950.7 million for the year ended 31 December 2011. The shipments of 8-inch equivalent wafers were 425,294 units in the year ended 31 December 2012, a decrease of 6.5% from 454,959 units in the year ended 31 December 2011.

During the year under review, the Company recorded a gross profit of RMB119.3 million compared to RMB165.7 million in 2011, primarily due to the decrease in sales resulting from the sustained weakness in end-market demand in the latter half of the year amid global economic uncertainty and the appreciation of Renminbi ("RMB") against the US dollar. Despite a very volatile and difficult market environment, the Company still achieved a net profit of RMB44.5 million for the year ended 31 December 2012 compared to RMB51.1 million for the year ended 31 December 2011. Basic earnings per share were RMB0.03 for the year ended 31 December 2012, compared to RMB0.03 per share for the year ended 31 December 2011.

The Board has resolved not to recommend the payment of a final dividend for the year ended 31 December 2012 (2011: Nil).

During 2012, the Company made an important decision that Dr. Wang Qingyu, the Company's Vice President, was elected as the acting President with effect from 7 March 2012, and was appointed as the President of the Company effective 8 August 2012. The Company, under the leadership of its new management team, has timely responded to challenging market conditions through a combination of initiatives that include operating efficiency gains, a flexible business strategy and a company-wide cost reduction campaign, which helped the Company underpin sound operating results for full year 2012.

## Chairman's Statement

The global semiconductor market in 2012 has experienced its first annual decline since 2009, although the global momentum for smart phones and tablets uptake was very strong across all the regions. Looking into 2013, the Company is taking a cautious approach on the growth of the semiconductor industry as many leading indicators imply that macroeconomic headwinds may continue to affect semiconductor markets and major geographies to varying degrees. Therefore, the overall macro environment in which the Company operates is expected to remain challenging. Under such business environment, the Company will remain focused on relevant analog technologies/process development, capacity expansion and optimization to better serve its customers in automotive and power management markets as well as the development of new business, especially in the Greater China market. As a specialty technology provider in the domestic semiconductor industry, the Company will continue to seek financial and policy support from the local and national governments by integrating itself into the 12th Five-Year Development Plan. Apart from this, the Company intends to expand through organic and external growth momentum, diligently enhance its operational efficiency in pursue of excellence and aspire to become the most respectable dedicated analog foundry player both at home and abroad, ultimately leading to enhancement of the values of the shareholders and employees.

Last but not least, on behalf of all Board members, I would like to take this opportunity to express my sincere appreciation to our business partners, distinguished customers and shareholders for their unfailing support as well as all our employees for their hard work and dedication in carrying out their duties and in achieving the Company's business goal.

**Chen Jianming**

*Chairman*

20 March 2013

# Management Discussion and Analysis

The semiconductor industry in which the Company operates became highly cyclical and underwent significant downturn in demand throughout 2012. Given the uncertain economic environment and inventory correction in the semiconductor supply chain, the Company experienced a broad-based weakness in customers' orders in the second half of the year. Despite the headwinds in the macro environment, the Company still recorded a net profit of RMB44.5 million for fiscal year 2012, and achieved profitable results for the third consecutive year.

During 2012, the Company appointed Dr. Wang Qingyu, the Company's Vice President as the President of the Company. In response to an increasingly challenging market environment, the Company, under the leadership of its new management team, aggressively focused on financial and operational discipline. As part of these efforts, the Company implemented a number of new initiatives, including operating efficiency gains, a flexible business strategy and a company-wide cost reduction campaign, which effectively helped the Company underpin sound operational performance for full year 2012.

## COMPARISON BETWEEN 2011 AND 2012 ENDED 31 DECEMBER

### Sales

As the Company suffered a broad-based decline in customer's orders in the latter part of the year, its sales dropped to RMB853.6 million in 2012, a decrease of 10.2% from RMB950.7 million in 2011. However, its utilization rate in 2012 was 64%, a modest decline of 2 percentage points from last year. The Company's throughput of 8-inch equivalent wafers slightly increased from 443,045 units for the year ended 31 December 2011 to 443,344 units for the year ended 31 December 2012, while the Company's shipment of 8-inch equivalent wafers declined by 6.5% from 454,959 units for the year ended 31 December 2011 to 425,294 units for the year ended 31 December 2012.

### Cost of sales and gross profit

The Company's cost of sales was RMB734.2 million in 2012, a decrease of 6.5% from RMB785.0 million in 2011. Gross profit was RMB119.3 million in 2012 compared to RMB165.7 million in 2011, while the Company's gross margin in 2012 was 14.0% compared to 17.4% in 2011. The decreases in gross profit and margin were mainly due to lower sales, the decline in average selling prices and, to a lesser extent, the appreciation of Renminbi ("RMB") against the US dollar, which were partially offset by lower unit costs benefiting from more efficient cost controls and management and the decline in depreciation charges as a result of certain assets being fully depreciated.

### Other income and gains

Other income and gains were RMB35.1 million in 2012 compared to RMB20.8 million in 2011. In 2012, the Company's other income and gains primarily comprised interest income, compensation income arising from a customer's lack of purchase orders, subsidy income, sale of scrap materials and others. In 2011, the Company's other income and gains were mainly generated by compensation income for a leakage incident, interest income, subsidy income, sale of scrap materials and others.

# Management Discussion and Analysis

## Selling and distribution costs

Selling and distribution costs increased by 31.0% from RMB5.8 million in 2011 to RMB7.6 million in 2012, primarily due to higher payroll-related expenses.

## General and administrative expenses

General and administrative expenses decreased by 8.6% from RMB69.0 million in 2011 to RMB63.1 million in 2012, primarily attributable to the effective internal control of staff overtime and annual leave.

## Research and development costs

Research and development costs were RMB36.5 million in 2012, down 26.7% from RMB49.8 million in 2011. Lower research and development costs were primarily attributable to the effective management of research and development activities as the Company optimized its investment in research and development projects, as well as the sale of some engineering lots to the Company's customers.

## Other expenses

Other expenses amounted to RMB1.6 million in 2012, compared to RMB7.4 million in 2011. Other expenses in 2012 and 2011 were primarily due to a net foreign exchange loss.

## Finance costs

Finance costs decreased by 66.7% from RMB3.3 million in 2011 to RMB1.1 million in 2012. The substantial decline in finance costs was primarily attributable to lower interest expenses as a result of a continued decrease in the Company's bank loan balance.

## Net income

As a result of the factors above, the Company recorded net income of RMB44.5 million for the year ended 31 December 2012 compared to net income of RMB51.1 million for the year ended 31 December 2011.



# Management Discussion and Analysis

## Liquidity and capital resources

The Company's cash and cash equivalents were RMB414.1 million as at 31 December 2012, compared to RMB371.6 million as at 31 December 2011. The Company's net cash inflow from operating activities showed a decrease of 11.5% from RMB164.1 million for the year ended 31 December 2011 to RMB145.2 million for the year ended 31 December 2012.

The Company's net cash outflow from investing activities was RMB70.8 million in 2012 for purchase of items of property, plant and equipment, and construction in progress and intangible assets, compared to net cash outflow of RMB121.1 million from investing activities in 2011. Total capital expenditures amounted to RMB54.7 million for the year ended 31 December 2012, compared to RMB124.3 million for the year ended 31 December 2011. The capital expenditures incurred in 2012 were mostly allocated to the production facilities and equipment associated with 6-inch wafers and 8-inch wafers for improving manufacturing capacity and efficiency.

The Company's net cash outflow from financing activities amounted to RMB31.6 million in 2012 compared to net cash outflow of RMB65.8 million in 2011. The net cash outflow of RMB31.6 million represented the net effect of RMB69.5 million for the repayment of bank loans and new bank loans of RMB38.0 million in 2012.

As at 31 December 2012, the Company's short-term interest-bearing borrowings were RMB18.9 million, which were denominated in US dollars.

As at 31 December 2012, the Company's current ratio was 4.22 when compared to 2.51 as at 31 December 2011. The Company's debt to equity ratio as at 31 December 2012 was 18.9% compared to 34.8% as at 31 December 2011 (Debt to equity ratio is calculated as the sum of total current liabilities and non current liabilities divided by total shareholders' equity).

## Employees

As at 31 December 2012, the Company had 1,384 employees (2011: 1,607 employees). The remuneration and employment benefits were provided for and paid in accordance with the PRC law and regulations.

## Interest rate risks

The Company's exposure to market risk for changes in interest rate relates primarily to its interest-bearing bank borrowings. As at 31 December 2012, the Company's total borrowings were working capital loans. The interest rate on the Company's US dollar-denominated loans is linked to LIBOR. The Company did not execute interest rate swaps to hedge its exposure to interest rate risk during the year under review.

## RMB fluctuation risks

RMB is the Company's functional and reporting currency. A large amount of the Company's revenue and expenditures are now denominated in foreign currency. In the event that the Company's RMB revenue is not sufficient to meet its RMB expenditure, the Company will be required to meet the difference by conversion of its foreign currencies deposit into RMB, which might result in exchange loss, ultimately leading to a negative impact on its cash flow.

# Management Discussion and Analysis

## Capital commitments

As at 31 December 2012, the Company had capital commitments for property, plant and equipment amounting to RMB167.8 million (2011: RMB161.3 million), of which RMB69.8 million (2011: RMB12.9 million) was contracted but not provided for, while the remaining balance of RMB98.0 million (2011: RMB148.4 million) was authorized but not contracted for.

## OPERATING RESULTS FOR THE THREE MONTHS ENDED 31 DECEMBER 2012

Sales for the three months ended 31 December 2012 were RMB165.6 million, down 30.8% from RMB239.2 million for the three months ended 30 September 2012 as the Company experienced broad-based weakness in customers' orders in the latter part of the year.

Gross profit decreased from RMB50.6 million for the three months ended 30 September 2012 to RMB6.6 million for the three months ended 31 December 2012. Gross margin for the three months ended 31 December 2012 was 4.0% compared to 21.2% for the three months ended 30 September 2012. The decrease in gross margin was primarily attributable to a significant decline in utilization rate.

Other income and gains for the three months ended 31 December 2012 were RMB12.7 million, compared to RMB6.7 million for the three months ended 30 September 2012. Other income and gains in the fourth quarter of 2012 primarily comprised subsidy income, interest income, sale of scrap materials and others.

Selling and distribution costs for the three months ended 31 December 2012 amounted to RMB1.8 million compared to RMB2.0 million for the three months ended 30 September 2012.

General and administrative expenses for the three months ended 31 December 2012 were RMB11.8 million compared to RMB18.5 million for the three months ended 30 September 2012, which was largely attributable to the effective internal control of staff overtime and annual leave.

Research and development costs for the three months ended 31 December 2012 were RMB10.4 million compared to RMB11.5 million for the three months ended 30 September 2012.

Other expenses for the three months ended 31 December 2012 were RMB1.6 million. Other expenses in the fourth quarter of 2012 only comprised net foreign exchange loss. No other expenses were recorded in the third quarter of 2012.

Finance costs for the three months ended 31 December 2012 amounted to RMB0.09 million compared to RMB0.2 million for the three months ended 30 September 2012.

As a result of the combination effect of the above, the Company recorded a net loss of RMB6.5 million for the three months ended 31 December 2012 compared to net income of RMB25.1 million for the three months ended 30 September 2012.

# Management Discussion and Analysis

## 1. Revenue Analysis

For the three months ended 31 December 2012, sales from communication, computer and consumer products were basically in line with the prior quarter.

<b>By Application</b>	<b>4Q12</b>	<b>3Q12</b>	<b>4Q11</b>
Communication	33%	33%	33%
Computer	33%	34%	33%
Consumer	34%	33%	34%

For the three months ended 31 December 2012, sales to the USA, Europe and Asia Pacific accounted for 50%, 27% and 23% of total revenue respectively, compared to 58%, 30% and 12% in the previous quarter.

<b>By Geography</b>	<b>4Q12</b>	<b>3Q12</b>	<b>4Q11</b>
USA	50%	58%	48%
Europe	27%	30%	35%
Asia Pacific	23%	12%	17%

For the three months ended 31 December 2012, sales to IDM and fabless customers accounted for 33% and 67% of total revenue respectively, compared to 35% and 65% in the prior quarter.

<b>By Customer Type</b>	<b>4Q12</b>	<b>3Q12</b>	<b>4Q11</b>
IDM	33%	35%	43%
Fabless	67%	65%	57%

For the three months ended 31 December 2012, sales as a percentage of total revenue from 5-inch, 6-inch and 8-inch wafer were 11%, 44% and 44% respectively, compared to 12%, 37% and 50% in the previous quarter.

<b>By Product</b>	<b>4Q12</b>	<b>3Q12</b>	<b>4Q11</b>
5" wafers	11%	12%	22%
6" wafers	44%	37%	50%
8" wafers	44%	50%	27%
Others <sup>1</sup>	1%	1%	1%

Note 1: Consist of probing services and provision of masks.

# Management Discussion and Analysis

## 2. Utilization and Capacity (8" equivalent)

### 2-1 Utilization

Overall capacity utilization decreased by twenty seven percentage points from 73% for the three months ended 30 September 2012 to 46% for the three months ended 31 December 2012.

Fab	4Q12	3Q12	4Q11
Fab 1/2			
5-inch wafers	28%	43%	69%
6-inch wafers	38%	54%	65%
Fab 3			
8-inch wafers	60%	102%	52%
Overall Capacity Utilization Rate	46%	73%	61%

- Notes:
- The capacity utilization rate represents the percentage of the actual number of processing steps (measured by the number of masks used) for the number of semiconductor wafers shipped in the reporting period divided by the total number of processing steps a fab is capable of producing during the corresponding period.
  - The capacity utilization rates stated in the table are calculated on the basis of the theoretical capacity of the Company's fabrication facilities as discussed in Note 2 to paragraph 2-2 below. In consequence, the utilization rates of actual operating capacity are higher than the figures stated in the table above.
  - The utilization rate of the Company's 8-inch wafers in Fab 3 was calculated on the basis of 285,000 masks per month which became effective on 1 July 2012.

### 2-2 Capacity (8" Equivalent)

The capacity for the three months ended 31 December 2012 was 157,000 8-inch equivalent wafers, which was the same as that of the previous quarter.

Fab (wafers in thousand)	4Q12	3Q12	4Q11
Fab 1/2			
5-inch wafers	33	33	33
6-inch wafers	85	85	85
Fab 3			
8-inch wafers	39	39	36
Total Capacity	157	157	154

- Notes:
- The Company estimated the capacities of its 5-inch, 6-inch and 8-inch on the basis of 9, 10 and 22 mask steps per wafer respectively and 5-inch and 6-inch wafers were converted to 8-inch equivalent wafers by dividing their wafer numbers using 2.56 and 1.78 respectively.
  - The installed capacity of the Company's fabrication facilities is calculated assuming continuous production of an optimum product mix, which in practice is unlikely ever to be achieved. In consequence, the actual operating capacity is less than the figures stated in the table.

# Management Discussion and Analysis

### 3. Receivable/Inventory Turnover

Receivable turnover for the three months ended 31 December 2012 was 46 days compared to 40 days in the third quarter of 2012.

Inventory turnover increased from 90 days for the three months ended 30 September 2012 to 93 days for the three months ended 31 December 2012.

	4Q12	3Q12	4Q11
Trade & Note Receivables Turnover (days)	46	40	45
Inventory Turnover (days)	93	90	98

### 4. Capital Expenditure

Capital expenditures for the three months ended 31 December 2012 amounted to RMB16.4 million, which was mainly spent on the automotive electronic chips business and capacity improvement associated with 8-inch wafers.

	4Q12	3Q12	4Q11
(Amount: RMB'000)			
Capex	16,431	16,409	29,649

# Management Discussion and Analysis

## PROSPECTS AND FUTURE PLANS

The semiconductor market recently witnessed market recovery in the first quarter of 2013. Given the fact that many leading indicators imply that macroeconomic headwinds may continue throughout 2013, combined with the seasonal and cyclical nature of the semiconductor industry, all of these factors will make the Company more vulnerable to economic downturns and adverse industry conditions. As a result, the overall macro environment in which the Company operates is expected to remain challenging in 2013.

In face of increasingly challenging market conditions, the Company, on the one hand, remains focused on operational discipline and core business growth while controlling costs. On the other hand, the Company will continue to pursue its growth and development strategy. To this end, the Company will further implement the following key initiatives:

- Improve its ability to provide customers with total manufacturing solutions;
- Grow its core business segments, particularly in the Greater China market, by seamlessly working with the key players in the semiconductor supply chain;
- Seek financial and policy support from the local and national governments by integrating itself into the 12th Five-Year Development Plan;
- Further optimize its internal processes and management system to support its efforts in innovations and to drive gains in productivity and efficiency across the business; and
- Establish a more efficient organizational structure and innovative corporate culture which is in line with the current and future business model.

Moreover, the Company will adapt to internal and external changes in response to the changing and challenging market conditions and remains committed to providing best-in-class service to its clients. Meanwhile, the Company will continue to pursue core business strategies to enhance its competitive edges. In a word, the Company, under leadership of its top management team, will strive to reach new heights by implementing its mid-term business plans, which will thus enable the Company to sustain its growth and development in 2013 and beyond.

# Profiles of Directors, Supervisors and Senior Management

## EXECUTIVE DIRECTOR

### *Dr. WANG Qingyu*

Dr. Wang Qingyu, aged 53, is an Executive Director of the fourth session of the Board.

Dr. Wang has been the President of the Company since 8 August 2012 and the Executive Director of the Board since 1 November 2012. Dr. Wang joined the Company as Vice President in November 2008 and was appointed as the acting President of the Company in March 2012. Prior to joining the Company, Dr. Wang was the General Manager of Anadigics China Corporation. Dr. Wang has over 20 years semiconductor research and manufacturing experience with more than 10 years wafer foundry experience in China. He joined Vishay-Siliconix in 1995 and Maxim Integrated Products in 2000, both companies being semiconductor manufacturing companies in the Silicon Valley. He returned to China in 2001 and joined Semiconductor Manufacturing International Corporation in Shanghai where he was promoted to Special Assistant to the Senior Vice President of Operations. Dr. Wang joined Shanghai Belling Co., Ltd. in 2006, where he was the Vice President of Operations.

Dr. Wang earned his Ph.D. degree in physical chemistry from Fudan University in 1989. He continued his education and research in the United Kingdom, and in the United States at Harvard University and University of Minnesota. Dr. Wang is also an Adjunct Professor at The School of Electronics and Information Engineering of Tongji University.

# Profiles of Directors, Supervisors and Senior Management

## NON-EXECUTIVE DIRECTORS

### *Dr. CHEN Jianming*

Dr. Chen Jianming, aged 58, is a Non-executive Director of the fourth session of the Board.

Dr. Chen has been a Non-executive Director and the Chairman of the Board since 1 August 2008. Dr. Chen previously worked at Shanghai Truck Transportation Company, Shanghai Jinqiao Export Processing Zone Development Company and General Office of Shanghai National People's Congress Standing Committee. From 2001 to 2003, Dr. Chen served as the Assistant General Manager of Shanghai Chemical Industry Park Development Company Limited, and was subsequently appointed as the Chief Economist in 2003. Dr. Chen has also been serving as a director of Shanghai Chemical Industrial Park Investment Enterprise Company Limited since 2008.

Dr. Chen received a Master of Business Administration degree from Fudan University in 1993, and received a Doctor of Industrial Economics degree from Fudan University in 1998.

### *Mr. Winfried Lodewijk PEETERS*

Mr. Winfried Lodewijk Peeters, aged 58, is a Non-executive Director of the fourth session of the Board.

Mr. Peeters has been a Non-executive Director of the Board since 1 November 2010. Mr. Peeters joined Philips in 1978 as a research scientist in the field of development of media for re-writable optical recording. In 1983, Mr. Peeters was appointed as the quality and efficiency consultant for product creation processes. In this role, he improved and implemented product creation processes and procedures for the Business Group Television of Philips. From then onwards he held various management functions with Philips in various countries, mainly in the field of operations and supply chain management.

In 2004, Mr. Peeters was appointed as the Vice President Operations in the business unit of multi market semiconductors. He managed the integrated supply chain in the production units for discrete semiconductors. Thereafter he was appointed as the chairman of the NXP Front End Sourcing Board, managing internal and external front end factory loading.

In January 2010, Mr. Peeters was promoted to the position of Vice President Operations and Quality in the business unit of high performance mixed signal (application specific components with a mixed use of analogue and digital technologies). In April 2012, Mr. Peeters moved to a comparable position of Vice President Operations and Quality in the Business Unit of Industrial and Infrastructure. The Operations and Quality function focuses on driving the integrated sales and operations planning and taking care of sourcing and allocation for the NXP high performance mixed signal product portfolio.

Mr. Peeters received a master degree in chemistry from Leiden University, the Netherlands.



# Profiles of Directors, Supervisors and Senior Management

## *Ms. SHEN Qing*

Ms. Shen Qing, aged 52, is a Non-executive Director of the fourth session of the Board.

Ms. Shen has been a Non-executive Director of the Board since 1 November 2010. From 1983 to 1993, Ms. Shen served as an instructor of the Computer and Micro-electronics Department of the School of Engineering of Shanghai University. From 1993 to 1995, Ms. Shen served as an instructor of the Computer Application Department of the School of Engineering of Shanghai University. From 1995 to 2000, Ms. Shen served as the Deputy Director of the Teaching and Research Centre of International Financial Research Institute of Bank of China. From May 2000 to November 2005, Ms. Shen took various management roles and moved to the Manager of the Treasury and Accounting Department of Shanghai Branch of China Orient Asset Management Corporation ("COAMC"). From December 2005 to November 2006, Ms. Shen was appointed as the Manager of the Accounting Department of Shanghai Dongxing Investment Development Holding Company and the General Manager of Shanghai Ruijin Building Company Limited. From November 2006 to April 2008, Ms. Shen was appointed as the Assistant General Manager of the Treasury and Accounting Department of COAMC. In April 2008, Ms. Shen was promoted to the current position of Deputy General Manager of Shanghai Branch of COAMC.

Ms. Shen graduated with a Bachelor of Engineering degree from School of Electronic Instruments of East China Normal University in 1983 and received a Master of Business Administration degree from Shanghai Jiao Tong University in 2000.

## *Ms. WU Yi*

Ms. Wu Yi, aged 36, is a Non-executive Director of the fourth session of the Board.

Ms. Wu has been a Non-executive Director of the Board since 2 March 2013. Ms. Wu began her career in auditing in PricewaterhouseCoopers, China. She worked as senior audit manager and audit manager in PricewaterhouseCoopers for eight years. In 2006, she was appointed as Financial Controller in Canadian Solar Inc., a Canada based solar module maker with three subsidiaries in China. She was the head of Financing and Accounting, Treasury and Fiscal, and successfully brought the Group to list on NASDAQ towards the end of 2006.

In 2007, Ms. Wu joined NXP Semiconductors Shanghai, formerly the semiconductors product division of Philips Group. She was appointed as Finance Controller of Business Line TV System and later Senior Finance Controller of Business Line Set Box. Ms Wu currently holds the position of the Regional Controller (Greater China) of Global Sales and Marketing and she is responsible for the finance and accounting, customer contracting, and sales budget planning.

Ms. Wu received a Bachelor's degree in World Economics from Fudan University, China. She is a fellow member of the Chinese Institute of Certified Public Accountants.

## Profiles of Directors, Supervisors and Senior Management

### ***Mr. ZHU Jian***

Mr. Zhu Jian, aged 38, is a Non-executive Director of the fourth session of the Board.

Mr. Zhu has been a Non-executive Director of the Board since 2 March 2004. From 2001 to 2009, Mr. Zhu served as the Deputy General Manager, the General Manager and a director of Shanghai Chemical Industrial Park Investment Enterprise Company Limited ("SCIPI"). From 2003 to 2008, Mr. Zhu served as the Secretary of the board of directors of Shanghai Chemical Industry Park Development Company Limited ("SCIPD"). Mr. Zhu has been a director and the General Manager of SCIP (HK) Limited since 2002, an assistant to President of SCIPD since 2005.

Mr. Zhu graduated from the Accounting Department of Shanghai University of Finance and Economics in 1996. He received a Master of Business Administration degree from China Europe International Business School in 2007.

### ***Mr. XU Ding***

Mr. Xu Ding, aged 50, is a Non-executive Director of the fourth session of the Board.

Mr. Xu has been a Non-executive Director of the Board since 2 March 2013. Mr. Xu was a Supervisor of the Supervisory Committee from 1 November 2010 to 1 March 2013. From 1996 to 1998, Mr. Xu served as the Manager of Product Engineering Department of Shanghai Belling Microelectronics Manufacturing Co., Ltd. From 1998 to 2001, Mr. Xu served as the Manager of Product Engineering Department of Shanghai Belling Co., Ltd. ("Shanghai Belling"). From 2002 to 2003, Mr. Xu served as the General Manager of Communication Business Unit of Shanghai Belling, From 2003 to 2008, Mr. Xu was appointed as the Vice President & General Manager of Communication Business Unit of Shanghai Belling. From 2009 to 2010, Mr. Xu was appointed as the Vice President of Marketing of Shanghai Belling. Since 2010, Mr. Xu has been appointed as the Vice President of Marketing & Operation of Shanghai Belling.

Mr. Xu received an Executive Master of Business Administration degree from Fudan University in 2000.

# Profiles of Directors, Supervisors and Senior Management

## INDEPENDENT NON-EXECUTIVE DIRECTORS

### *Mr. James Arthur WATKINS*

Mr. James Arthur Watkins, aged 67, is an Independent Non-executive Director of the fourth session of the Board.

Mr. Watkins has been an Independent Non-executive Director of the Board since 1 February 2005. Mr. Watkins is a qualified solicitor in England and in Hong Kong. He started his career in 1967 as a solicitor at Linklaters, an international law firm. He later became a Partner at the firm's London office and was subsequently the Senior Partner of the firm's Hong Kong office. From 1994 to 1996, Mr. Watkins was the Legal Director of Trafalgar House plc, London. He was the group Legal Director at Schroders plc, London from 1996 to 1997. Mr. Watkins was the General Counsel and a director of the Jardine Matheson Group in Hong Kong from 1997 to 2003, during which he served as a director of Jardine Matheson Holdings Ltd., Dairy Farm International Holdings Ltd. and Mandarin Oriental International Ltd. Currently, he holds office as the independent non-executive director of Mandarin Oriental International Ltd., Hongkong Land Holdings Ltd., Jardine Cycle & Carriage Ltd., Global Sources Ltd., Asia Satellite Telecommunications Holdings Ltd. and IL&FS India Realty Fund II LLC.

Mr. Watkins graduated with a Bachelor of Laws degree from the University of Leeds in England in 1966.

### *Dr. CHEN Enhua*

Dr. Chen Enhua, aged 50, is an Independent Non-executive Director of the fourth session of the Board.

Dr. Chen has been an Independent Non-executive Director of the Board since 2 March 2013. Dr. Chen has over 15 years of experience in the areas of financial auditing, financial management, financial analysis, and internal controls and corporate governance matters.

From 1993 to 1999, Dr. Chen took various management positions in Shanghai Jinqiao EPZ Development Company, where he first served as the Deputy Director of Strategic Research Office and the Deputy Director of Administration Office, and was later on promoted as the Director of Planning and Finance Department, where he oversaw financial planning and budgeting, financial analysis and financial management activities. From 2000 to 2004, Dr. Chen served first as the Board Secretary, later as the Assistant General Manager and ultimately as the Deputy General Manager in Shanghai Jinqiao EPZ Development Company Limited (a company listed on the Shanghai Stock Exchange), where he oversaw and managed matters on accounting, corporate financing, business planning and budgeting, and financial auditing. Since 2005, Dr. Chen has been the Assistant General Manager of Shanghai Jinqiao (Group) Company Limited, where he oversaw financial management, financial auditing, financial analysis, cash management, internal controls and legal affairs of the group. From 2006 to 2008, Dr. Chen also acted as a director of the board of directors of Shanghai Jinqiao EPZ Development Company Limited. Dr. Chen has also been the Deputy General Manager of Shanghai Jinqiao Lingang Comprehensive Zone Investment and Development Company Limited since 2012.

In 1993, Dr. Chen was awarded a Ph.D. Degree in Management Engineering by Shanghai Jiao Tong University. From 1999 to 2000, Dr. Chen completed a six-month MBA training program hosted by the California State Polytechnic University, Pomona.

# Profiles of Directors, Supervisors and Senior Management

## ***Dr. JIANG Qingtang***

Dr. Jiang Qingtang, aged 49, is an Independent Non-executive Director of the fourth session of the Board.

Dr. Jiang has been an Independent Non-executive Director of the Board since 2 March 2013. From 1992 to 2001, Dr. Jiang worked for several major semiconductor companies in the United States, including Texas Instruments, National Semiconductor and Siliconix, where he was engaged in technology development and manufacturing operation. From 2001 to 2005, Dr. Jiang served as the Fab Director of Fab 3 and later as the Senior Fab Director of Fab 1 in Semiconductor Manufacturing International Corporation (a company listed on the Main Board of the Stock Exchange and the New York Stock Exchange). From 2005 to 2007, Dr. Jiang served as the Vice President of Technology in Shanghai Hua Hong NEC Co., Ltd. From 2007 to 2009, Dr. Jiang served as the Senior Vice President of Operations and the Chief Technology Officer in JA Solar Holdings Co., Ltd. (a company listed on the NASDAQ Stock Exchange). Dr. Jiang has been a director, the Executive Vice President and Chief Operation Officer of Hareon Solar Technology Co., Ltd. (a company listed on the Shanghai Stock Exchange) since 2009.

Dr. Jiang graduated from Beijing University with a Bachelor degree in Physics in 1985, and graduated from Rutgers University of the United States with a Ph.D. degree in Physics in 1992. Dr. Jiang has 23 papers published in journals and industrial publications, and has also obtained 12 patents in the United States and 4 patents in the PRC.

## ***Mr. PU Hanhu***

Mr. Pu Hanhu, aged 62, is an Independent Non-executive Director of the fourth session of the Board.

Mr. Pu has been an Independent Non-executive Director of the Board since 20 December 2012. From 1980 to 1982, Mr. Pu served as a Teaching Assistant in Physics Department of East China Normal University. From 1982 to 1985, Mr. Pu served as a Teaching Assistant in Electrical Engineering Department of Shanghai University. From 1989 to 1992, Mr. Pu served as a Reliability Engineer of Adaptec Inc.. From 1992 to 1994, Mr. Pu was the Manager of Quality and Reliability in Excel Microelectronics Inc.. In 1994, Mr. Pu joined Integrated Silicon Solution, Inc. ("ISSI", a company listed on the NASDAQ Stock Exchange) as the Director of Quality Department, and was promoted as the Global Vice President of Quality from 1996 to 2004. From 2001 to 2009, he also served as the Vice President, and later on as the Senior Vice President of ISSI, and also as the Managing Director of China/Hong Kong Branch. In November 2009, Mr. Pu was appointed as the President and CEO of Giantec Semiconductor Inc. which was founded by Mr. Pu with ISSI. Mr. Pu has been the Chairman and CEO of Giantec Semiconductor Inc. since April 2012.

Mr. Pu received a Master of Science degree in Physics from Michigan State University of the United States in 1987, and a Master of Science degree in Electrical Engineering from Michigan State University of the United States in 1989.

# Profiles of Directors, Supervisors and Senior Management

## SUPERVISORS

### *Ms. XU Chunlei*

Ms. Xu Chunlei, aged 42, is a Supervisor of the fourth session of the Supervisory Committee of the Company (the "Supervisory Committee").

Ms. Xu has been a Supervisor of the Supervisory Committee since 1 August 2012. Ms. Xu has been holding the position of General Counsel and CoC Compliance Officer for Greater China of NXP Semiconductors since 2006. Before taking on this role, Ms. Xu used to be the China Senior Legal Counsel of Philips Group, Legal Counsel for Greater China of Axalto, and a Senior Partner of Beijing Dadi Law Firm.

In January 2006, Ms. Xu joined Philips Group as the Senior Legal Counsel for Greater China, until the Semiconductors Division spun off from Philips Group and became NXP Semiconductors in September 2006. Before joining Philips Group, Ms. Xu was the Legal Counsel for Greater China of Axalto. Prior to joining Axalto, Ms. Xu was a practising lawyer in the PRC. Ms. Xu started her legal career in 1995 after she was admitted to the PRC bar. In the same year, she joined Beijing Dadi Law Firm. She practised law at Beijing Dadi Law Firm for 10 years until she joined Axalto as an in-house legal counsel in 2004.

Ms. Xu received a Master of Law degree in International Commercial Law from Nottingham University in the United Kingdom and a Bachelor of Law degree from China University of Political Science and Law.

### *Mr. YANG Yanhui*

Mr. Yang Yanhui, aged 50, is a Supervisor of the fourth session of the Supervisory Committee.

Mr. Yang has been a Supervisor of the Supervisory Committee since 1 November 2012. He was also a Supervisor of the Supervisory Committee during the period from 2 March 2004 to 1 March 2010. Mr. Yang was deputy head of the finance and accounting department of Sinopec Shanghai Jinshan Engineering Company from 1995 to 1998 and was promoted to the head of the department from 1999 to 2000. He was the chief accountant of Shanghai Jinshan Petrochemical Construction Company from 1998 to 1999. Mr. Yang served as the manager of the finance and accounting department of Shanghai Chemical Industry Park Development Company Limited since 2000, and was subsequently appointed as the Chief Accountant in 2012.

Mr. Yang majored in finance and accounting in the department of enterprise management at the Shanghai Building Material Industry College (now incorporated into Tongji University) from 1980 to 1983.

## Profiles of Directors, Supervisors and Senior Management

### **Mr. SUN Biyuan**

Mr. Sun Biyuan, aged 38, is a Supervisor of the fourth session of the Supervisory Committee.

Mr. Sun has been a Supervisor of the Supervisory Committee since 2 March 2010. From July 1996 to March 2006, Mr. Sun served as a Department Manager of Shanghai Zhonghua Certified Public Accountants, engaging in the auditing works for listed companies. From April 2006 to October 2009, Mr. Sun served as a Finance Manager of Shanghai Chemical Industrial Park Investment Enterprise Company Limited ("SCIPI"). In October 2009, Mr. Sun was promoted to the current position of Finance Director of SCIPI.

Mr. Sun graduated from the Accounting Department of Shanghai University of Finance and Economics in July 1996.

### **Ms. CHEN Yan**

Ms. Chen Yan, aged 39, is a Supervisor of the fourth session of the Supervisory Committee.

Ms. Chen has been a Supervisor of the Supervisory Committee since 30 October 2007. Ms. Chen worked for the Bank of China Shanghai Branch from August 1994 to May 2000. She joined the Shanghai office of China Orient Asset Management Corporation ("COAMC") in May 2000 and was appointed as a Manager of Second Asset Management Department of COAMC's Shanghai office in June 2005. From December 2007 to November 2010, Ms. Chen served as the Manager of the Investment Department of Shanghai Dongxing Investment Holding Company. In November 2010, Ms. Chen was appointed as the Senior Manager of the Administration and Risk Management Department of Shanghai Branch of COAMC.

Ms. Chen graduated with a Bachelor of Economics degree from Shanghai Jiao Tong University in 2000, and received a Graduate Diploma in Information System from Massey University of New Zealand in 2002.

# Profiles of Directors, Supervisors and Senior Management

## ***Mr. ZHOU Chengjie***

Mr. Zhou Chengjie, aged 48, is a Supervisor of the fourth session of the Supervisory Committee.

Mr. Zhou has been a Supervisor of the Supervisory Committee since 2 March 2013. From 2000 to 2005, Mr. Zhou served as the Manager of Investment Department and Assistant General Manager of Shanghai East-China Computer Co., Ltd. From 2006 to 2007, Mr. Zhou served as the Assistant Director of Technology Development Department of Shanghai Belling. From 2007 to 2008, Mr. Zhou served as the Director of Investment & Technology Management Department of Shanghai Belling. Since 2009, Mr. Zhou has been appointed as the Director of Business Development of Shanghai Belling.

Mr. Zhou received a Bachelor of Science Degree from the University of Science and Technology of China in 1984, and a Master of Science Degree from the University of Science and Technology of China in 1987.

## ***Mr. PAN Guojin***

Mr. Pan Guojin, aged 58, is a Supervisor of the fourth session of the Supervisory Committee.

Mr. Pan has been a Supervisor of the Supervisory Committee since 2 March 2007. Mr. Pan graduated from Shanghai Instrument Industry Bureau CCP School in 1990 and is currently the Chairman of the trade union of the Company. He worked as a shift manager in the production section of the Company from 1991 to 2005. Mr. Pan worked for Shanghai Geology Instrument Factory from 1971 to 1991.

## **JOINT COMPANY SECRETARIES**

### ***Mr. JING Wei***

Mr. Jing Wei, aged 42, is the joint company secretary and qualified accountant of the Company.

Mr. Jing served as the Internal Audit Manager of the Company during the period from May 2006 to May 2008, and was subsequently appointed as the company secretary and qualified accountant of the Company. Mr. Jing has over 15 years of experience in finance management, auditing and internal control professions. Mr. Jing joined Ernst & Young, an international accounting firm, in 1997 and was appointed as the Audit Manager from 2002 to 2004. From 2005 to 2006, he was the Finance Manager of China headquarters of an overseas public company. Mr. Jing received a Bachelor of engineering degree from Shanghai Jiao Tong University in 1993. Mr. Jing is a member of Chinese Institute of Certified Public Accountants and a fellow member of Association of Chartered Certified Accountants.

# Profiles of Directors, Supervisors and Senior Management

## *Ms. MA Sau Kuen Gloria*

Ms. Ma Sau Kuen Gloria, aged 54, is the joint company secretary of the Company.

Ms. Ma is a director and Head of Registration and Compliance Services of KCS Hong Kong Limited, a corporate secretarial and accounting services provider in Hong Kong. Ms. Ma has over 30 years of experience in corporate secretarial work that includes acting as company secretary for companies listed on the Stock Exchange of Hong Kong Limited, setting up companies in different jurisdictions such as Hong Kong, Cayman Islands and British Virgin Islands. She also has extensive knowledge and experience in corporate restructuring and legal compliance issues. Ms. Ma holds a master degree in Business Administration from the University of Strathclyde, Scotland, and is a fellow member of the Hong Kong Institute of Chartered Secretaries and the Institute of Chartered Secretaries and Administrators in the United Kingdom. Ms. Ma was appointed as the joint company secretary of the Company on 20 November 2010.

## SENIOR MANAGEMENT

### *Mr. ZHOU Weiping*

Mr. Zhou Weiping, aged 46, is the Company's Vice President.

Mr. Zhou has been the Vice President of the Company since 9 March 2011. Mr. Zhou started his career at Shanghai Belling in 1990. During the period from 1990 to 2003, Mr. Zhou took various roles at Shanghai Belling with increasing levels of responsibility in wafer fab start-up and management. Mr. Zhou was appointed as the Vice President and the General Manager of manufacturing business unit in 2003 and subsequently was promoted to be the Executive Vice President of Shanghai Belling in 2004. From January 2007 to November 2007, Mr. Zhou served as the General Manager of Ningbo Shanshan Ulica Solar Technology Developing Company Limited. In December 2007, Mr. Zhou rejoined the group of Shanghai Belling Corporation Limited and was appointed as the General Manager of Shanghai Belling Microelectronics Manufacturing Company Limited. From 1 September 2008 to 9 March 2011, Mr. Zhou served as the President and Chief Executive Officer of the Company.

Mr. Zhou received a Bachelor of Solid State Electronics degree from East China Normal University in 1990 and a Master of Business Administration degree from Fudan University in 2000.



# Report of the Directors

The directors of the Company are pleased to present their report and the audited financial statements of the Company for the year ended 31 December 2012.

## *Principal activities*

The principal activities of the Company are the manufacture and sale of 5-inch, 6-inch and 8-inch semiconductor wafers. There were no significant changes in the nature of the Company's principal activities during the year ended 31 December 2012.

## *Segment information*

The Company's revenue and profit for the year ended 31 December 2012 were mainly derived from the manufacture and sale of 5-inch, 6-inch and 8-inch semiconductor wafers. The Company has only one business segment. The principal assets employed by the Company are located in Shanghai, the PRC. Therefore, no segment information based on the geographical location of the Company's assets is presented.

## *Results and dividends*

The Company's profit for the year ended 31 December 2012 and the state of affairs of the Company at that date are set out in the financial statements on pages 58 to 59.

The Board does not recommend the payment of dividend to the ordinary equity holders of the Company for the year ended 31 December 2012.

## *Summary financial information*

A summary of the published results and assets and liabilities of the Company for the last five financial years, as extracted from the audited financial statements is set out on pages 36 to 37. This summary does not form part of the audited financial statements.

## *Property, plant and equipment*

Details of movements in the property, plant and equipment of the Company during the year ended 31 December 2012 are set out in note 13 to the financial statements.

## *Share capital*

Details of movements in the Company's share capital during the year ended 31 December 2012 are set out in note 26 to the financial statements.

# Report of the Directors

## *Pre-emptive rights*

There are no provisions for pre-emptive rights under the Company's Articles of Association or the laws of People's Republic of China which would oblige the Company to offer new shares on a pro rata basis to existing shareholders.

## *Purchase, redemption or sale of listed securities of the Company*

The Company did not purchase, redeem or sell any of the Company's listed securities during the year ended 31 December 2012.

## *Reserves*

Details of movements in the reserves of the Company during the year ended 31 December 2012 are set out in note 27 to the financial statements.

## *Distributable reserves*

In accordance with the Company's Articles of Association, the Company is entitled to distribute dividends based on the lower of the Company's distributable reserves determined under PRC accounting standards and International Financial Reporting Standards ("IFRSs"). As at 31 December 2012, the Company does not have distributable reserves available for distribution.

## *Charitable donation*

The Company did not make any charitable donation during the year ended 31 December 2012.

## *Major customers and suppliers*

During the year ended 31 December 2012, sales to the Company's five largest customers accounted for 73.58% of the total sales for the year and sales to the largest customer included therein amounted to 24.07%. Purchases from the Company's five largest suppliers accounted for 35.75% of the total purchases for the year and purchases from the largest supplier accounted for 16.50%.

None of the directors of the Company or any of their associates or any shareholders of the Company (except NXP B.V.) which, to the best knowledge of the directors, own more than 5% of the Company's issued share capital had any beneficial interest in the Company's five largest customers and suppliers.

# Report of the Directors

## *Directors*

The directors of the Company during the year ended 31 December 2012 and up to the date of this annual report were:

### *Executive Directors*

Dr. Joseph XIE (resigned on 6 June 2012)

Dr. WANG Qingyu (appointed on 1 November 2012)

### *Non-executive Directors*

Dr. CHEN Jianming, Chairman

Mr. Winfried Lodewijk PEETERS

Ms. SHEN Qing

Mr. ZHU Jian

Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN (resigned on 1 August 2012)

Mr. David Siu Kee KIANG (appointed on 1 August 2012 and resigned on 28 February 2013)

Ms. WU Yi (appointed on 2 March 2013)

Mr. LI Zhi (retired on 1 March 2013)

Mr. XU Ding (appointed on 2 March 2013)

### *Independent Non-executive Directors*

Mr. James Arthur WATKINS

Mr. PU Hanhu (appointed on 20 December 2012)

Mr. Thaddeus Thomas BECZAK (retired on 1 March 2013)

Dr. SHEN Weijia (retired on 1 March 2013)

Dr. CHEN Enhua (appointed on 2 March 2013)

Dr. JIANG Qingtang (appointed on 2 March 2013)

### *Changes in the Board between the balance sheet date and date of report*

Subsequent to the balance sheet date, the directors for the third session of the Board served terms until 1 March 2013. Dr. WANG Qingyu, Dr. CHEN Jianming, Mr. Winfried Lodewijk PEETERS, Ms. SHEN Qing, Mr. ZHU Jian, Mr. XU Ding, Mr. James Arthur WATKINS, Mr. PU Hanhu, Dr. CHEN Enhua and Dr. JIANG Qingtang were elected or re-elected as directors of the fourth session (with a term of office from 2 March 2013 to 1 March 2016) of the Board at the Company's extraordinary general meeting held on 20 December 2012. Ms. WU Yi was elected as a director of the fourth session (with a term of office from 2 March 2013 to 1 March 2016) of the Board at the Company's extraordinary general meeting held on 1 March 2013.

Mr. David Siu Kee KIANG resigned as a director of the third session of the Board with effect from 28 February 2013. Mr. LI Zhi, Mr. Thaddeus Thomas BECZAK and Dr. SHEN Weijia retired as directors of the third session of the Board on 1 March 2013.

# Report of the Directors

## *Directors' and senior management's biographies*

Biographical details of the directors and the senior management of the Company are set out on pages 14 to 23 of this annual report.

## *Directors' service contracts*

Each of the directors of the Company has entered into a service contract with the Company with effect from the date of appointment of the respective director, for a term of no more than three years.

None of the directors of the Company has entered into any service contract with the Company which is not determinable by the Company within one year without payment of compensation, other than statutory compensation.

## *Directors' remuneration*

The directors' fees are subject to shareholders' approval at general meetings. Other emoluments are determined by the Board with reference to directors' duties, responsibilities and performance and the results of the Company.

## *Directors' interest in contracts*

No director had a material interest, either directly or indirectly, in any contract of significance to the business of the Company to which the Company was a party during the year.

## *Directors', supervisors' and chief executives' interests and short positions*

As at 31 December 2012, none of the directors, supervisors and chief executives of the Company had any interests or short positions in the shares, underlying shares or debentures of the Company or its associated corporations (within the meaning of Part XV of the Securities and Futures Ordinance ("SFO")) as recorded in the register maintained under section 352 of the SFO, or as otherwise notified to the Company and the Stock Exchange pursuant to the Model Code for Securities Transactions by Directors of Listed Issuers (the "Model Code") as set out in Appendix 10 to the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited (the "Listing Rules").

# Report of the Directors

## Substantial shareholders' interests and short positions

As at 31 December 2012, the interests and short positions of the following persons (not being a director, supervisor or chief executive of the Company) in the shares or underlying shares of the Company (within the meaning of Part XV of the SFO) were recorded in the register kept by the Company pursuant to section 336 of the SFO.

Name of shareholders	Class of shares	Number of shares	Capacity	Percentage in the relevant class of issued share capital	Percentage in the total issued share capital
NXP B. V. (Note 1)	H-shares	408,806,888 (Long position)	Beneficial owner	36.13%	26.65%
	Unlisted foreign shares	12,643,512 (Long position)	Beneficial owner	100%	0.82%
SCIP (HK) Limited ("SCIP (HK)") (Note 2)	H-shares	222,574,584 (Long position)	Beneficial owner	19.67%	14.51%
Shanghai Chemical Industrial Park Investment Enterprise Company Limited ("SCIPI") (Note 2)	Domestic shares	122,220,616 (Long position)	Beneficial owner	31.32%	7.97%
China Orient Asset Management Corporation	Domestic shares	179,303,000 (Long position)	Beneficial owner	45.95%	11.69%
Shanghai Belling Co., Limited	Domestic shares	88,726,400 (Long position)	Beneficial owner	22.74%	5.78%

### Notes:

1. NXP B.V. is a wholly-owned subsidiary of NXP Semiconductors N. V. (formerly known as Kaslion Acquisition B.V.) which is held as to 69% by a private equity consortium consists of funds advised by Kravis Roberts & Co. L.P., Bain Capital Partners, LLC, Silver Lake Management Company, L.L.C., Apax Partners LLP and AlInvest Partners N.V. as well as smaller investors (the "Private Equity Consortium"). Accordingly, NXP Semiconductors N. V. and the Private Equity Consortium are taken as having interests in the 408,806,888 H-shares and the 12,643,512 unlisted foreign shares of the Company which are beneficially held by NXP B.V.
2. SCIP (HK) is a wholly-owned subsidiary of SCIPI which in turn is 100% controlled by Shanghai Chemical Industrial Park Development Co., Ltd. ("SCIPD"). Accordingly, SCIPI and SCIPD are taken as having interests in the 222,574,584 H-shares of the Company which are beneficially held by SCIP (HK), and SCIPD is taken as having interests in the 122,220,616 domestic shares of the Company which are beneficially held by SCIPI.

## Report of the Directors

Pursuant to Section 336 of the SFO, the shareholders of the Company are required to file disclosure of interests forms when certain criteria are fulfilled. When a shareholding in the Company changes, it is not necessary for the shareholder to notify the Company and the Stock Exchange unless a specific threshold is passed, therefore a substantial shareholder's latest shareholding in the Company may be different from the shareholding filed with the Company and the Stock Exchange.

### *Share option scheme*

As at 31 December 2012, the Company had no share option scheme within the meaning of Chapter 17 of the Listing Rules.

### *Directors', supervisors' and chief executives' rights to acquire H-shares*

During the year ended 31 December 2012, none of the directors, supervisors or chief executives of the Company was granted options to subscribe for H-shares of the Company. During the year ended 31 December 2012, none of the directors or supervisors or chief executives nor their spouses or minor children had any right to acquire H-shares of the Company or had exercised any such right.

### *Connected transactions*

#### *General disclosure for the continuing connected transactions during the year ended 31 December 2012*

The Company had the following material continuing connected transactions with NXP B.V., a connected person of the Company by virtue of being the substantial shareholder of the Company, and its subsidiaries and associates (having the meanings ascribed to them in the Listing Rules) ("NXP Group") during the year ended 31 December 2012, certain details of which are disclosed in compliance with the requirements of Chapter 14A of the Listing Rules.

<b>Types of Transactions</b>	<b>Approved annual caps 2012 (disclosed in the Company's Announcement)</b>	
	<b>Actual 2012 RMB'000</b>	<b>RMB'000</b>
Sales	205,420	281,700
Technology transfer	8,989	19,500

# Report of the Directors

## ***Specific disclosure for the continuing connected transactions conducted during the year ended 31 December 2012***

As disclosed in the Company's announcement dated 18 July 2011 (the "Announcement") in compliance with Chapter 14A of the Listing Rules, the Company entered into the following agreements in respect of the continuing connected transactions conducted during the year ended 31 December 2012:

### **(A) Sales**

#### **(i) NXP Foundry Services Agreement**

On 1 January 2002, the Company (as the seller) and Philips Semiconductors (as the buyer), the predecessor of a NXP Group member, entered into the Philips Foundry Services Agreement, the former title of the NXP Foundry Services Agreement, whereby the Company manufactured and sold licensed products and identification products to the NXP Group (previously Philips Group) by using the manufacturing process and other design rules and proprietary information provided by the buyer. Pursuant to the agreement, prices for finished semiconductor wafers were initially stated in the agreement and were reviewed quarterly and adjusted by mutual agreement between the parties with reference to the then prevailing materials, supply and process costs and market prices of the products. Prices for good dies (packaged and unpackaged) were agreed separately between the parties. The current term of the agreement will expire on 31 December 2014.

#### **(ii) NXP Cooperation Agreement**

On 29 May 2002, the Company (as the seller) and Philips Semiconductors (as the buyer), the predecessor of a NXP Group member, entered into the Philips Cooperation Agreement, the former title of the NXP Cooperation Agreement, whereby the Company manufactured and sold licensed products to the NXP Group by using the technology and know-how transferred to the Company by the buyer. Pursuant to the agreement, prices for the licensed products and identification products sold by the Company under the NXP Cooperation Agreement and the payment terms were determined in accordance with the provisions of the NXP Foundry Services Agreement. The current term of the agreement will expire on 31 December 2014.

### (B) Technology Transfer

#### (i) Technology Transfer and Cooperation Agreement

On 12 January 2005, the Company (as the buyer) and Philips Semiconductors International B.V. (as the supplier), the predecessor of a NXP Group member, entered into the Technology Transfer and Cooperation Agreement for a period of 10 years from 2 March 2004 to 1 March 2014 and thereafter will be automatically renewed for a further period of 10 years upon the approval by the Company's extraordinary general meeting held on 20 September 2011, pursuant to which the supplier agreed (a) to transfer to the Company the relevant knowledge and experience relating to foundry manufacturing service, (b) to grant to the Company a license to manufacture at its production facility in the People's Republic of China and to sell the licensed products, (c) to provide the Company with technical assistance for the manufacture, testing and assembly of the licensed products and (d) to provide technical trainings to the Company's engineers. The Company agreed to pay a consideration equivalent to 3% of the net selling price of each product the Company sold to the supplier and its other customers.

#### (ii) NXP Identification Licensing Agreement

On 29 May 2002, the Company (as the buyer) and Royal Philips (as the supplier) entered into the Philips Identification Licensing Agreement, the former title of the NXP Identification Licensing Agreement, whereby Royal Philips agreed to grant the Company a non-exclusive and non-transferable license over certain intellectual property rights relating to non-volatile memory and the EEPROM process technology for use in manufacturing the identification products. On 28 September 2006, Royal Philips assigned all its rights and obligations under the agreement to a NXP Group member. Pursuant to the agreement, the Company agreed to pay a consideration equivalent to 10% of the net selling price of each product the Company produced by using the technology under the agreement and sold to its customers. The current term of the agreement will expire on 31 December 2014.



# Report of the Directors

## ***Specific disclosure for the connected transaction conducted during the year ended 31 December 2012***

As disclosed in the Company's announcement dated 3 December 2012 in compliance with Chapter 14A of the Listing Rules, the Company entered into the following agreement in respect of the connected transaction conducted during the year ended 31 December 2012:

### **(C) Purchase of equipment**

#### **(i) Equipment Sale Agreement**

On 30 November 2012, the Company (as the purchaser) and NXP Semiconductors Netherlands B.V. (as the vendor), a subsidiary of NXP B.V., entered into the Equipment Sale Agreement, pursuant to which the Company agreed to purchase semiconductors manufacturing equipment (the "Equipment") from the vendor for a total consideration of US\$1,677,000. For the year ended 31 December 2012, no consideration was paid/payable by the Company under the Equipment Sale Agreement because the full rights to and title in the Equipment had not been transferred from the vendor to the Company.

### ***Opinion of the Independent Non-executive Directors of the Company***

The Independent Non-executive Directors of the Company have reviewed all the continuing connected transactions set out above and have confirmed that these continuing connected transactions (i) were entered into in the ordinary and usual course of business of the Company; (ii) are on normal commercial terms or on terms no less favourable to the Company than terms available to or from independent third parties; and (iii) are fair and reasonable and in the interests of the shareholders of the Company as a whole.

### ***Opinion of the Company's auditors***

The auditors of the Company have carried out procedures on the continuing connected transactions that have been disclosed by the auditors of the Company in accordance with Hong Kong Standard on Assurance Engagements 3000 "Assurance Engagements Other Than Audits or Reviews of Historical Financial Information" and with reference to Practice Note 740 "Auditor's Letter on Continuing Connected Transactions under the Hong Kong Listing Rules" issued by the Hong Kong Institute of Certified Public Accountants.

The work consisted of making inquiries, primarily of persons responsible for financial and accounting matters, applying analytical and other review procedures and testing transactions on a sample basis where the auditors of the Company considered appropriate. The work was substantially less in scope than an audit conducted in accordance with Hong Kong Standards on Auditing and consequently does not enable the auditors of the Company to obtain assurance that the auditors of the Company would become aware of all significant matters that might be identified in an audit. Accordingly, the auditors of the Company do not express an audit opinion on the disclosed continuing connected transactions.

Furthermore, due to the nature of connected persons and transactions, it was not practicable for the auditors of the Company to determine whether the disclosed continuing connected transactions and the books and records of the Company include all continuing connected transactions. It was impracticable for the auditors of the Company to quantify the potential impact of this on the disclosures of continuing connected transactions in the Company's annual report. Accordingly, the auditors' report on continuing connected transactions relates solely to the continuing connected transactions that have been disclosed to the auditors of the Company and in the books and records of the Company made available to the auditors of the Company.

Based on the foregoing, in respect of the disclosed continuing connected transactions:

- a. nothing has come to the attention of the auditors of the Company that causes the auditors of the Company to believe that the disclosed continuing connected transactions have not been approved by the Company's board of directors.
- b. for transactions involving the provision of goods or services by the Company, nothing has come to the attention of auditors of the Company that causes the auditors of the Company to believe that the transactions were not, in all material respects, in accordance with the pricing policies of the Company.
- c. nothing has come to the attention of the auditors of the Company that causes the auditors of the Company to believe that the transactions were not entered into, in all material respects, in accordance with the relevant agreements governing such transactions.
- d. with respect to the aggregate amount of each of the continuing connected transactions, nothing has come to the attention of the auditors of the Company that causes the auditors of the Company to believe that the disclosed continuing connected transactions have exceeded the maximum aggregate annual value approved by the shareholders of the Company in the Extraordinary General Meeting held on 20 September 2011.

# Report of the Directors

## *Directors' interests in competing businesses*

During the year ended 31 December 2012 and up to the date of this annual report, save as disclosed below, none of the directors of the Company had any interest in a business which competes or is likely to compete, either directly or indirectly, with the businesses of the Company.

Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN was a Non-executive Director of the Board from 2 March 2010 to 1 August 2012. During his tenure of service with the Company, he was the Vice President of NXP Operations, which is engaged in the development, design and manufacture of semiconductor products.

Mr. David Siu Kee KIANG was a Non-executive Director of the Board from 1 August 2012 to 28 February 2013. During his tenure of service with the Company, he was the Country Controller China & Hong Kong of NXP.

Mr. Winfried Lodewijk PEETERS has been a Non-executive Director of the Board since 1 November 2010. He is currently the Vice President of Operations and Quality of NXP in the Business Unit of Industrial and Infrastructure.

Ms. WU Yi has been a Non-executive Director of the Board since 2 March 2013. She is currently the Regional Controller (Greater China) of Global Sales and Marketing of NXP.

Mr. LI Zhi was a Non-executive Director of the Board from 21 May 2009 to 1 March 2013. During his tenure of service with the Company, he was a director and the General Manager of Shanghai Belling, which is engaged in the design and manufacture (processing) of silicon wafers and the sale of integrated circuits.

Mr. XU Ding has been a Non-executive Director of the Board since 2 March 2013. He is currently the Vice President of Marketing & Operation of Shanghai Belling.

Since Mr. JOSQUIN, Mr. KIANG, Mr. PEETERS, Ms. WU, Mr. LI and Mr. XU were not directly involved in managing the Company during the period for which they were the directors of the Company, the Board is of the view that the Company is capable of carrying on its businesses independent of, and at arm's length from, the competing businesses. When making decisions on the matters related to the Company, Mr. JOSQUIN, Mr. KIANG, Mr. PEETERS, Ms. WU, Mr. LI and Mr. XU have acted and, where applicable, will continue to act in the best interest of the Company.

# Report of the Directors

## *Auditors*

The financial statements of the Company have been audited by Ernst & Young. A resolution for their reappointment as auditors of the Company for the year ending 31 December 2013 will be proposed at the forthcoming annual general meeting.

## *Public float*

On the basis of information that is publicly available to the Company and within the knowledge of the directors of the Company as at the date of this annual report, the Company has complied with the public float requirements of the Listing Rules throughout the year ended 31 December 2012.

## **BY ORDER OF THE BOARD**

**CHEN Jianming**

*Chairman*

Shanghai, the PRC  
20 March 2013

# Five Years Financial Summary

## SUMMARY OF STATEMENT OF COMPREHENSIVE INCOME

	Year ended 31 December				
	2012 RMB'000	2011 RMB'000	2010 RMB'000	2009 RMB'000	2008 RMB'000
<b>Revenue</b>	<b>853,551</b>	950,701	978,493	645,638	932,581
Cost of sales	<b>(734,231)</b>	(785,019)	(758,095)	(630,097)	(955,000)
<b>Gross profit/(loss)</b>	<b>119,320</b>	165,682	220,398	15,541	(22,419)
Other income and gains	<b>35,120</b>	20,756	12,862	5,067	48,628
Selling and distribution costs	<b>(7,594)</b>	(5,797)	(4,882)	(5,436)	(6,814)
General and administrative expenses	<b>(63,067)</b>	(68,973)	(61,951)	(51,071)	(60,979)
Research and development costs	<b>(36,500)</b>	(49,816)	(29,153)	(41,842)	(32,284)
Other expenses	<b>(1,625)</b>	(7,374)	(10,730)	(15,913)	(146,393)
Finance costs	<b>(1,124)</b>	(3,339)	(6,846)	(9,253)	(16,952)
<b>Profit/(loss) before tax</b>	<b>44,530</b>	51,139	119,698	(102,907)	(237,213)
Income tax	—	—	—	92	130
<b>Profit/(loss) for the year</b>	<b>44,530</b>	51,139	119,698	(102,815)	(237,083)
Other comprehensive income for the year	—	—	—	—	—
<b>Total comprehensive income/(loss) for the year attributable to ordinary equity holders of the Company</b>	<b>44,530</b>	51,139	119,698	(102,815)	(237,083)
<b>Earnings/(loss) per share (RMB)</b>					
- Basic	<b>2.90 cents</b>	3.33 cents	7.80 cents	(6.70) cents	(15.45) cents

## Five Years Financial Summary

### SUMMARY OF STATEMENT OF FINANCIAL POSITION

	Year ended 31 December				
	2012 RMB'000	2011 RMB'000	2010 RMB'000	2009 RMB'000	2008 RMB'000
Total assets	<b>1,010,551</b>	1,086,066	1,098,318	983,275	1,139,214
Total liabilities	<b>160,558</b>	280,603	343,994	348,649	401,773
Net assets/total equity	<b>849,993</b>	805,463	754,324	634,626	737,441

# Report on Corporate Governance

## CORPORATE GOVERNANCE PRACTICES

The Board fully acknowledges its responsibilities to act in the best interests of all shareholders and to maximise shareholders' value. The Board also attaches great importance to a continuing improvement in the Company's corporate governance policies and practices. The Company has established a range of policies and practices consistent with those required by the Corporate Governance Code and Corporate Governance Report as set out in Appendix 14 to the Listing Rules in relation to, amongst others, the appointment, removal and remuneration of the directors, responsibilities, composition and meetings of the Board and its committees, segregation of duties between the chairman of the Board and the president who is the head of the executive management.

The Company has fully complied with the code provisions of the Code of Corporate Governance Practices (from 1 January 2012 to 31 March 2012) and Corporate Governance Code (from 1 April 2012 to 31 December 2012) (the "Governance Code") contained in Appendix 14 of the Listing Rules for the year ended 31 December 2012 (the "Reporting Period").

In some areas, such policies and practices exceed the mandatory requirements of the Governance Code. For instance, to enhance transparency of its operation and performance, the Company has volunteered to announce its financial results on a quarterly basis since it became listed on the main board of the Stock Exchange on 7 April 2006. Additionally, in order to regulate both corporate and individual behaviour for the purpose of ensuring achievement of corporate goals, the Board has adopted a set of general business principles and a code of conduct which are applicable to all employees of the Company and require all employees above certain grades to certify their compliance therewith annually.

## SECURITIES TRANSACTIONS

The Company has adopted the Model Code as its code of conduct regarding securities transactions by its directors and supervisors.

In addition, the Company has adopted an employee share dealing code to regulate securities transactions by the management and other relevant employees who, because of their office or employment, are likely to be in possession of unpublished price-sensitive information of the Company.

Sixty days before the meeting scheduled to approve the Company's results for the year ended 31 December 2011 and thirty days before each of the three meetings scheduled to approve the Company's results for the three months ended 31 March 2012, the six months ended 30 June 2012 and the nine months ended 30 September 2012 respectively, the company secretary notified the directors, supervisors, management and other relevant employees of the restricted period for securities transactions.

The Company, having made specific enquiry of all its directors and supervisors, confirms that its directors and supervisors have complied with the required standards set out in the Model Code throughout the Reporting Period.

# Report on Corporate Governance

## BOARD OF DIRECTORS

### *Board Process and Effectiveness*

The Board is charged with promoting the success of the Company by directing and supervising its affairs in a responsible and effective manner. Each director has a duty to act in good faith and in the best interests of the Company. The directors are aware of their collective and individual responsibilities to all shareholders for the manner in which the affairs of the Company are managed, controlled and operated.

The Board operates mainly by way of regular meetings which are held at least four times a year and supplemented by interim meetings and circulated written resolutions as and when necessary. In the Reporting Period, the Board held four Board meetings. Details of directors' attendance at the shareholders' general meetings and the meetings of the Board and its committees, namely, the Audit Committee, the Remuneration Committee and the Nomination Committee, held during the Reporting Period are set out in tables on pages 42, 43, 45, 46 and 47 of this annual report respectively.

The types of decisions which are to be taken by the Board include those relating to the Company's strategic direction, objectives, business plans, audited or unaudited financial statements, profit distribution proposals, proposals of appointment or reappointment of external auditors, proposals of changes to the share capital, proposals of amendments to the Articles of Association, as well as the appointment and remuneration of senior officers. The management is responsible for the implementation of the overall strategy of the Company and its daily operations and administration in accordance with the business plans approved by the Board from time to time. The Board has adopted detailed rules concerning authority delegated to the management and a list of matters reserved for its own decision.

In particular, the directors fully acknowledge their responsibility for reviewing and approving the accounts prepared by the management for each financial period, which shall give a true and fair view of the state of affairs of the Company and of the results and cash flows for that period. The directors are currently not aware of any material uncertainties relating to events or conditions that may cast significant doubt upon the Company's ability to continue as a going concern. With effect from 1 April 2012, the Company provides all members of the Board with monthly updates on the Company's performance, position and prospects.

The Board has access to the management of the Company to discuss enquiries, to the joint company secretaries on regulatory and compliance matters and to external professionals for advice when necessary. The joint company secretaries continuously advise all directors on the continuing obligations under the Listing Rules and other applicable laws and regulations to ensure the Company's compliance therewith.



# Report on Corporate Governance

## BOARD COMPOSITION

During the year ended 31 December 2012 and up to the date of this annual report, the Board comprised the following directors:

### ***Executive Directors***

Dr. Joseph XIE (resigned on 6 June 2012)

Dr. WANG Qingyu (appointed on 1 November 2012)

### ***Non-executive Directors***

Dr. CHEN Jianming, Chairman

Mr. Winfried Lodewijk PEETERS

Ms. SHEN Qing

Mr. ZHU Jian

Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN (resigned on 1 August 2012)

Mr. David Siu Kee KIANG (appointed on 1 August 2012 and resigned on 28 February 2013)

Ms. WU Yi (appointed on 2 March 2013)

Mr. LI Zhi (retired on 1 March 2013)

Mr. XU Ding (appointed on 2 March 2013)

### ***Independent Non-executive Directors***

Mr. James Arthur WATKINS

Mr. PU Hanhu (appointed on 20 December 2012)

Mr. Thaddeus Thomas BECZAK (retired on 1 March 2013)

Dr. SHEN Weijia (retired on 1 March 2013)

Dr. CHEN Enhua (appointed on 2 March 2013)

Dr. JIANG Qingtang (appointed on 2 March 2013)

The Non-executive Directors bring a wide range of business and financial experience to the Board, which contributes to the effective direction of the Company. Their participation in the Board promotes critical review and control of the management process.

Biographic details of all directors in office are given on pages 14 to 19 of this annual report. Relationships (including financial, business, family or other material/relevant relationships), if any, among members of the Board are also disclosed. There is no such relationship as between the chairman of the Board and the president of the Company.

# Report on Corporate Governance

Pursuant to Rule 3.10A of the Listing Rules, an issuer must appoint independent non-executive directors representing at least one-third of the board, and the issuer must comply with this rule by 31 December 2012. Mr. PU Hanhu was elected as an Independent Non-executive Director of the third session of the Board by the Company's extraordinary general meeting held on 20 December 2012. The Company has four Independent Non-executive Directors currently representing more than one-third of the Board and therefore the Company has complied with Rule 3.10A of the Listing Rules before 31 December 2012. During the Reporting Period, the Board at all times complied with the requirements of the Listing Rules relating to the appointment of at least one independent non-executive director with appropriate professional qualifications or accounting or related financial management expertise. The Company has received from each Independent Non-Executive Director a confirmation of his independence, and the Company considers such directors to be independent in accordance with each and every guideline set out in Rule 3.13 of the Listing Rules.

## NOMINATION AND APPOINTMENT OF DIRECTORS

Pursuant to the PRC company law and the Company's Articles of Association, directors shall be elected at the Company's general meetings each for a term of three years and upon expiry of their term, may offer themselves for re-election.

To comply strictly with this statutory requirement and safeguard the shareholders' right in this respect, during the Reporting Period, the Company convened three extraordinary general meetings respectively on 1 August 2012, 1 November 2012 and 20 December 2012, for the purpose of filling the vacancies caused by the resignation of Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN and Dr. Joseph XIE and for the election of one Independent Non-executive Director of the third session of the Board and the election of the fourth session of the Board and the Supervisory Committee.

The Company has established a Nomination Committee. Pursuant to the terms of reference of the Nomination Committee, the Nomination Committee is responsible for studying the selection criteria and procedure for the nomination of Directors and senior management; evaluating the suitability of candidates; and making relevant proposals to the Board. Please refer to the section entitled "Nomination Committee" for the details of the functions of the committee.

## CHAIRMAN AND PRESIDENT

During the Reporting Period, the post of the chairman of the Board was held by Dr. CHEN Jianming and the post of the president (as head of the executive management) was held by Dr. Joseph XIE (prior to 7 March 2012) and Dr. WANG Qingyu (as the acting President for the period between 7 March 2012 and 8 August 2012, and as the President after 8 August 2012). This segregation ensures a clear distinction between the chairman's responsibility to manage the Board and the president's responsibility to manage the Company's business. The respective responsibilities of the chairman and president are set out in the Company's Articles of Association.

## NON-EXECUTIVE DIRECTORS

Each of the Non-executive Directors of the Company has been appointed for a term of no more than three years and is subject to re-election or removal at the Company's general meetings in accordance with the Articles of Association of the Company.

# Report on Corporate Governance

## SHAREHOLDERS' GENERAL MEETINGS

The table below sets out the details of general meetings (annual general meeting and extraordinary general meetings) attendance of each Director during the Reporting Period.

<b>Directors</b>	<b>Number of meetings requiring attendance</b>	<b>Number of meetings attended in person</b>	<b>Number of meetings attended by proxy</b>
<i>Executive Directors</i>			
Dr. WANG Qingyu	1	1	0
Dr. Joseph XIE	1	0	0
<i>Non-executive Directors</i>			
Dr. CHEN Jianming	4	4	0
Mr. Winfried Lodewijk PEETERS	4	1	0
Ms. SHEN Qing	4	4	0
Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN	1	1	0
Mr. David Siu Kee KIANG	2	0	0
Mr. ZHU Jian	4	1	0
Mr. LI Zhi	4	1	0
<i>Independent Non-executive Directors</i>			
Mr. James Arthur WATKINS	4	1	0
Mr. Thaddeus Thomas BECZAK	4	1	0
Dr. SHEN Weijia	4	1	0
Mr. PU Hanhu	0	0	0

# Report on Corporate Governance

## BOARD MEETINGS

The table below sets out the details of board meeting attendance of each director during the Reporting Period.

<b>Directors</b>	<b>Number of meetings requiring attendance</b>	<b>Number of meetings attended in person</b>	<b>Number of meetings attended by proxy</b>
<i>Executive Directors</i>			
Dr. WANG Qingyu	1	1	0
Dr. Joseph XIE	2	0	0
<i>Non-executive Directors</i>			
Dr. CHEN Jianming	4	3	1
Mr. Winfried Lodewijk PEETERS	4	4	0
Ms. SHEN Qing	4	3	1
Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN	2	2	0
Mr. David Siu Kee KIANG	2	2	0
Mr. ZHU Jian	4	3	1
Mr. LI Zhi	4	4	0
<i>Independent Non-executive Directors</i>			
Mr. James Arthur WATKINS	4	4	0
Mr. Thaddeus Thomas BECZAK	4	3	1
Dr. SHEN Weijia	4	4	0
Mr. PU Hanhu	0	0	0

# Report on Corporate Governance

## BOARD COMMITTEES

The Board has appointed four Board committees, namely, the Audit Committee, the Remuneration Committee, the Nomination Committee and the Strategic Development Committee, to oversee particular aspects of the Company's affairs.

### Audit Committee

#### *Membership*

During the Reporting Period, the members of the Audit Committee comprised Mr. James Arthur WATKINS (Chairman), Mr. Thaddeus Thomas BECZAK, Dr. SHEN Weijia, Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN (prior to 1 August 2012), Mr. David Siu Kee KIANG (subsequent to 1 August 2012) and Ms. SHEN Qing.

All of its members were appointed from the Independent Non-executive Directors and Non-executive Directors, with Mr. Thaddeus Thomas BECZAK and Mr. David Siu Kee KIANG having appropriate professional qualifications and experience in financial matters. A majority of the members of the Audit Committee were Independent Non-executive Directors.

#### *Role and Function*

The terms of reference of the Audit Committee are aligned with those set out in code provision C.3.3 of the Governance Code, including monitoring of the Company's relationship with its external auditors, review of financial information of the Company and oversight of the Company's financial reporting system and internal control procedures. The detailed terms of reference are disclosed on the Stock Exchange's website and the Company's website.

It is the practice of the Audit Committee to meet in person immediately preceding each of the meetings of the full Board scheduled to consider and approve financial results. Special meetings may be called at the discretion of the chairman of the Audit Committee to review significant control or financial issues.

#### *Work*

During the Reporting Period, the Audit Committee met on four occasions and discharged its responsibilities in its review of the Company's financial information and system of internal controls, and its other duties as set out in its terms of reference. The work performed by the Audit Committee included, amongst other things:

- (1) review of the Company's financial results, respectively, for the year ended 31 December 2011, for the three months ended 31 March 2012, for the six months ended 30 June 2012 and for the nine months ended 30 September 2012, with recommendations to the Board for approval;
- (2) review of presentations and management letters from the Company's external auditors concerning matters arising from their audit or review of the financial results for the respective financial periods; and
- (3) review of reports from the management concerning finance matters, internal control, risk management and compliance.

# Report on Corporate Governance

## Meeting

The table below sets out the details of meeting attendance of each member of the Audit Committee during the Reporting Period.

Directors	Number of meetings requiring attendance	Number of meetings attended in person	Number of meetings attended by proxy
Mr. James Arthur WATKINS ( <i>Chairman</i> )	4	4	0
Mr. Thaddeus Thomas BECZAK	4	3	1
Dr. SHEN Weijia	4	3	0
Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN ( <i>prior to 1 August 2012</i> )	2	2	0
Mr. David Siu Kee KIANG ( <i>subsequent to 1 August 2012</i> )	2	2	0
Ms. SHEN Qing	4	4	0

## Remuneration Committee

### Membership

During the Reporting Period, the members of the Remuneration Committee comprised Dr. SHEN Weijia (Chairman), Dr. CHEN Jianming (prior to 8 March 2012), Mr. James Arthur WATKINS and Mr. ZHU Jian (subsequent to 8 March 2012).

All of its members were appointed from the Independent Non-executive Directors and Non-executive Directors. A majority of the members of the Remuneration Committee were Independent Non-executive Directors.

### Role and Function

The terms of reference of the Remuneration Committee are aligned with those set out in code provision B.1.2 of the Governance Code, including making recommendations on the Company's policy and structure for remuneration of the directors, supervisors and management, determining specific remuneration packages of the senior officers, and reviewing and approving performance-based remuneration by reference to corporate goals and objectives. The detailed terms of reference are disclosed on the Stock Exchange's website and the Company's website.

It is the practice of the Remuneration Committee to hold meetings by way of correspondence to discharge its duties under its terms of reference.

### Work

During the Reporting Period, the Remuneration Committee held six meetings by way of correspondence and performed, amongst other things, the following work:

- (1) review and approval of the year 2011 management bonuses for senior officers;
- (2) review and approval of termination package for a resigned senior officer;
- (3) review and approval of remuneration packages for three newly appointed or re-appointed senior officers; and
- (4) review and approval of the proposed terms of the service contracts for directors and supervisors of the fourth session of the Board and the Supervisory Committee, including the provision regarding remuneration, with recommendations to the Board for approval.

# Report on Corporate Governance

## Meeting

The table below sets out the details of meeting attendance of each member of the Remuneration Committee during the Reporting Period.

Directors	Number of meetings requiring attendance	Number of meetings attended by way of correspondence	Number of meetings attended by proxy
Dr. SHEN Weijia ( <i>Chairman</i> )	6	6	0
Dr. CHEN Jianming ( <i>prior to 8 March 2012</i> )	1	1	0
Mr. James Arthur WATKINS	6	6	0
Mr. ZHU Jian ( <i>subsequent to 8 March 2012</i> )	5	5	0

## Nomination Committee

### Membership

During the Reporting Period, the members of the Nomination Committee comprised Dr. CHEN Jianming (Chairman, subsequent to 8 March 2012), Dr. SHEN Weijia, Mr. Winfried Lodewijk PEETERS, Mr. ZHU Jian (prior to 8 March 2012), Ms. SHEN Qing (prior to 8 March 2012), Mr. James Arthur WATKINS and Mr. Thaddeus Thomas BECZAK (subsequent to 8 March 2012).

All of its members were appointed from the Independent Non-executive Directors and Non-executive Directors. A majority of members of the Nomination Committee were Independent Non-executive Directors.

### Role and Function

The terms of reference of the Nomination Committee are aligned with those set out in code provision A.5.2 of the Governance Code, including studying the selection criteria and procedure for the nomination of Directors and senior management and making proposals to the Board; establishing proper succession plans for Directors and senior management and regularly reviewing the plans to meet the needs of the Company; as well as evaluating the suitability of candidates for Directors and senior management and making proposals to the Board. The detailed terms of reference are disclosed on the Stock Exchange's website and the Company's website.

### Work

During the Reporting Period, the Nomination Committee held three meetings and performed, amongst other things, the following work:

- (1) review and evaluation of candidates for the post of the President of the Company and making proposal to the Board;
- (2) review and making recommendation of the re-appointment of one Vice President of the Company to the Board; and
- (3) review and making recommendation of the candidates for directors and supervisors of the fourth session of the Board and the Supervisory Committee to the Board.

# Report on Corporate Governance

## Meeting

The table below sets out the details of meeting attendance of each member of the Nomination Committee during the Reporting Period.

Directors	Number of meetings requiring attendance	Number of meetings attended in person or by way of correspondence	Number of meetings attended by proxy
Dr. CHEN Jianming ( <i>Chairman, subsequent to 8 March 2012</i> )	3	3	0
Dr. SHEN Weijia	3	3	0
Mr. Winfried Lodewijk PEETERS	3	3	0
Mr. ZHU Jian ( <i>prior to 8 March 2012</i> )	0	0	0
Ms. SHEN Qing ( <i>prior to 8 March 2012</i> )	0	0	0
Mr. James Arthur WATKINS	3	3	0
Mr. Thaddeus Thomas BECZAK ( <i>subsequent to 8 March 2012</i> )	3	3	0

## Strategic Development Committee

### Membership

During the Reporting Period, the members of the Strategic Development Committee comprised Mr. LI Zhi (Chairman), Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN (prior to 1 August 2012), Mr. Winfried Lodewijk PEETERS (subsequent to 1 August 2012), Mr. ZHU Jian, Ms. SHEN Qing and Dr. SHEN Weijia.

All of its members were appointed from the Independent Non-executive Directors and Non-executive Directors.

### Role and Function

The terms of reference of the Strategic Development Committee have been formulated under the authorization of the Board, including studying and reviewing the Company's proposals on major projects such as investment, capital deployment, operation of assets and financing plans and providing opinions thereon which shall be approved by the Board in accordance with the Articles of Association of the Company; investigating, studying and reviewing the Company's long-term development strategy; and providing proposals on major issues that will affect the Company's development. The detailed terms of reference are disclosed on the Stock Exchange's website and the Company's website.

## CORPORATE GOVERNANCE FUNCTION

The Board is responsible for ensuring that the Company establishes good corporate governance practices and procedures. The Company developed the terms of reference for the Board on corporate governance function which are aligned with those set out in code provision D.3.1 of the Corporate Governance Code with effect from 1 April 2012, including developing and reviewing the Company's policies and practices on corporate governance; reviewing and monitoring the Company's policies and practices on compliance with legal and regulatory requirements; and developing, reviewing and monitoring the code of conduct and compliance manual (if any) applicable to employees and Directors. The detailed terms of reference are disclosed on the Stock Exchange's website and the Company's website. During the reporting period, the Board had performed the duties under D.3.1 of the Corporate Governance Code on corporate governance functions, including implementing various changes to a number of the Company's policies and practices to align with the Corporate Governance Code with effect from 1 April 2012.



# Report on Corporate Governance

## DIRECTORS' CONTINUOUS TRAINING AND DEVELOPMENT PROGRAMME

Pursuant to the Corporate Governance Code which took effect on 1 April 2012, all directors should participate in continuous professional development to develop and refresh their knowledge and skills. This is to ensure that their contribution to the Board remains informed and relevant.

During the Reporting Period, the Company has provided an induction programme to newly appointed directors after their respective appointments. The Company has provided regular briefings and updates to the directors on the Company's business, operations, risk management and corporate governance matters, and it has also provided written training materials to the directors on the latest developments of the Listing Rules, applicable laws, rules and regulations relating to directors' duties and responsibilities (the "Trainings") from time to time.

All directors of the Company namely, Dr. WANG Qingyu (appointed on 1 November 2012), Dr. Joseph XIE (resigned on 6 June 2012), Dr. CHEN Jianming, Mr. ZHU Jian, Mr. Wilhelmus Jacobus Maria Joseph JOSQUIN (resigned on 1 August 2012), Mr. Winfried Lodewijk PEETERS, Ms. SHEN Qing, Mr. David Siu Kee KIANG (appointed on 1 August 2012), Mr. LI Zhi, Mr. Thaddeus Thomas BECZAK, Mr. James Arthur WATKINS, Dr. SHEN Weijia, Mr. PU Hanhu (appointed on 20 December 2012) have received the Trainings during the Reporting Period and the Company has also requested all directors of the Company to provide the Company with their respective training records in relation to any relevant training each of them has received for the period from 1 April 2012 to 31 December 2012 pursuant to the Corporate Governance Code.

## SHAREHOLDERS' RIGHTS

### *Procedures for Shareholders to Convene an Extraordinary General Meeting*

- A Pursuant to Article 80 of the Company's Articles of Association, shareholders who request for the convening of an extraordinary general meeting or a class meeting shall comply with the following procedures:
- (a) Two (2) or more shareholders holding in aggregate 10% or more of the shares carrying the right to vote at the meeting sought to be held shall sign one (1) or more counterpart requisitions stating the object of the meeting and requiring the Board to convene a shareholders' extraordinary general meeting or a class meeting thereof. The Board shall as soon as possible proceed to convene the extraordinary general meeting of shareholders or a class meeting thereof after receipt of such requisition(s). The amount of shareholdings referred to above shall be calculated as at the date of deposit of the requisition(s).
  - (b) If the Board fails to issue a notice of such a meeting within thirty (30) days from the date of receipt of the requisition(s), the requisitionists may themselves convene such a meeting (in a manner as similar as possible to the manner in which shareholders' meetings are convened by the Board) within four (4) months from the date of receipt of the requisition(s) by the Board.
- B Any reasonable expenses incurred by the requisitionists by reason of failure by the Board to duly convene a meeting shall be repaid to the requisitionists by the Company and any sum so repaid shall be set-off against sums owed by the Company to the defaulting directors.
- C The objects of the meeting must be stated in the related requisition deposited at the registered office of the Company.

# Report on Corporate Governance

## *Procedures for Proposing Resolutions to the Agenda of General Meetings*

- A Pursuant to Article 60 of the Company's Articles of Association, shareholder(s) holding in aggregate 3% or above of the total issued share capital of the Company shall in writing propose resolutions to the agenda of the general meetings to the convener of the general meetings 10 days before the date of the general meetings.
- B The convener shall despatch a circular and announcement setting out the proposed resolutions to all the shareholders within two days after the date on which the written proposal is received by the convener and shall place the proposed resolutions on the agenda for such general meeting for shareholders' consideration.

## *Shareholders' Enquiries to the Board*

Shareholders may at any time make enquiry to the Board or make request for the Company's information to the extent such information is publicly available, through the following contact information:

Contact person: The Company Secretary  
Place of business in the PRC: 385 Hong Cao Road, Shanghai 200233, the PRC  
Tel: +86 (21) 6485 1900  
Fax: +86 (21) 6485 3925  
Email: ir@asmc.com.cn

## **AMENDMENT TO THE COMPANY'S ARTICLES OF ASSOCIATION**

Article 94 of the Articles of Association of the Company was revised with a special resolution passed by the shareholders of the Company at the extraordinary general meeting held on 20 December 2012. The revision was as follows:

The Company shall have a board of directors. The board of directors shall consist of eleven (11) directors. Outside directors (meaning directors who do not hold office in the Company hereinafter) shall account for more than one half of the total number of directors, of which at least four shall be independent non-executive directors (meaning directors who are independent from the Company's shareholders and do not hold office in the Company hereinafter).

Save as aforesaid, there have been no change in the Company's Articles of Association during the Reporting Period.

# Report on Corporate Governance

## COMPANY SECRETARY

Mr. JING Wei, the company secretary, is responsible for advising the Board on corporate governance matters and ensuring that the Board policy and procedures, and the applicable laws, rules and regulations are followed.

In order to uphold good corporate governance and ensure compliance with the Listing Rules and applicable Hong Kong laws, the Company also engages Ms. MA Sau Kuen Gloria, director of KCS Hong Kong Limited (a company secretarial service provider), as its joint company secretary to assist Mr. JING to discharge his duties as company secretary of the Company. The primary corporate contact person at the Company is Mr. Jing Wei, the company secretary and qualified accountant of the Company.

During the year ended 31 December 2012, Mr. JING and Ms. MA have undertaken 15 hours of relevant professional training respectively in compliance with Rule 3.29 of the Listing Rules.

## EXTERNAL AUDITORS' REMUNERATION

The Company's external auditors are Ernst & Young. In order to maintain their independence, the Company has set a policy that the Company may engage the external auditors for non-audit services if such services would have no adverse effect on their independence, be approved by the Audit Committee and, in terms of financial limits, be capped under 50% of the audit fees in a given year.

During the Reporting Period, total remuneration paid or payable to Ernst & Young, amounting to RMB1,610,000, was related to their audit services.

Audit services	RMB1,610,000
Non-audit services	—
Total	RMB1,610,000

# Report on Corporate Governance

## INTERNAL CONTROLS

The Board acknowledges its responsibility to ensure that a sound and effective internal control system is maintained, which includes a defined management structure with specified limits of authority, to achieve business objectives and safeguard assets against unauthorised use or disposition; to ensure maintenance of proper accounting records for the provision of reliable financial information for internal use or for publication; and to ensure compliance with the relevant legislations and regulations.

The system is designed to provide reasonable, but not absolute, assurance against material misstatement or loss; to manage rather than eliminate risks of failure in operational systems, and to ensure achievement of the Company's objectives.

### *Internal Control Framework*

The Company operates within an established framework of internal controls, which is consistent with the principles outlined in the Committee of Sponsoring Organisations of the Treadway Commission (the COSO) framework and encompasses five inter-related components, including control environment, risk assessment, control activities, information and communication, and monitoring. The internal control framework also serves as criteria for the effectiveness of the internal control system in supporting the achievement of objectives in the three separate but overlapping areas: effectiveness and efficiency of operations; reliability of financial reporting; and compliance with applicable laws and regulations.

Under our framework, the management is primarily responsible for the design, implementation, and maintenance of internal controls, while the Board and its Audit Committee oversee the actions of the management and monitor the effectiveness of the controls that have been put in place.

### *General Business Principles and Code of Conduct*

The Board has adopted a set of General Business Principles and a Code of Conduct for employees. The Company gives frequent orientation and refreshing trainings on the General Business Principles and Code of Conduct to all employees, and requires all employees above certain grades to certify their compliance therewith annually.

In respect of the Code of Conduct, the Company has established procedures for handling employees' complaints and alerts of wrongdoings. Complaints may be submitted on an anonymous basis. Such complaints should normally be reported or directed to the Internal Audit Manager and, in the event of involvement of any member of senior management, to the Audit Committee directly. Any employee who in good faith reports a breach (or alleged breach) by another employee of the Code of Conduct will be protected from retaliation.

### *The Role of the Audit Committee*

The Audit Committee, primarily through the agency of the internal audit department, is responsible for ensuring the existence and effectiveness of internal controls and discharges its responsibilities mainly by receiving and reviewing periodic reports from the external auditors, the financial management, internal auditors and compliance officer.

# Report on Corporate Governance

## *The Role of the Internal Audit Department*

The Company has established an Internal Audit Department. It plays an important role in monitoring the internal governance of the Company. Its tasks include:

- Access without restriction to review all aspects of the Company's activities, records, information and assets which it considers necessary to fulfil its responsibilities;
- Review the effectiveness of material internal controls on a regular basis to ensure that the internal controls are carried out appropriately and function as intended;
- Conduct special reviews of areas of concern identified by the management or the Audit Committee; and
- Provide the Audit Committee with its findings and recommendations for improving the internal control system of the Company.

The department has also conducted special investigations in relation to the violations of the Company's General Business Principles and Code of Conduct. Any breaches identified have been appropriately disciplined together with corrective actions taken by the management, and reported to the Audit Committee.

The internal audit manager reports directly to the Audit Committee on audit matters and to the President of the Company on administrative matters. The internal audit manager has the right to consult the Audit Committee without reference to management.

## *Review of System of Internal Controls*

The Internal Audit Department schedules its internal audit programmes annually, which are reviewed by the Audit Committee and are based on an annual risk assessment at the beginning of each year.

During the Reporting Period and up to the date of this annual report, the Internal Audit Department conducted reviews of internal control systems, both at the entity level and also the various processes/transactions levels, and issued reports to the Audit Committee and management for the findings observed.

## Report on Corporate Governance

The Audit Committee, primarily through the agency of the Internal Audit Department, has conducted a review of the internal controls to ensure that the controls in place are adequate and effective. The Audit Committee also has conducted a review to consider the adequacy of resources, qualifications and experience of staff of the Company's accounting and financial reporting function, and their training programmes and budget. Such reviews are reported to the Board at least annually.

### *Conclusion*

The establishment of clear, practical and effective internal controls throughout the Company's business operations is a continuing process. The Board supports the actions of management, in cooperation with the Internal Audit Department, in enhancing the Company's system of internal controls throughout its business. The Board is not aware of any material adverse effect on the Company resulting from any inadequacy of internal controls or any failure in their observance.

# Report of the Supervisory Committee

During the year ended 31 December 2012, all members of the Supervisory Committee discharged their duties in compliance with the applicable requirements of the Company Law of the PRC, the Securities Law of the PRC, the Listing Rules, and the Articles of Association of the Company and proactively protected the interests of the Company and its shareholders.

The supervisors of the Supervisory Committee during the year ended 31 December 2012 and up to the date of this annual report were:

## *Shareholders Representative Supervisors*

Ms. XU Chunlei, Chairman (appointed on 1 August 2012)  
Mr. David Siu Kee KIANG (resigned on 1 August 2012)  
Mr. SHEN Qitang (resigned on 1 July 2012)  
Mr. YANG Yanhui (appointed on 1 November 2012)  
Mr. SUN Biyuan  
Ms. CHEN Yan  
Mr. XU Ding (retired on 1 March 2013)  
Mr. ZHOU Chengjie (appointed on 2 March 2013)

## *Employee Representative Supervisor*

Mr. PAN Guojin

The supervisors for the third session of the Supervisory Committee served terms until 1 March 2013. Ms. XU Chunlei, Mr. YANG Yanhui, Mr. SUN Biyuan, Ms. CHEN Yan and Mr. ZHOU Chengjie were elected or re-elected as shareholders representative supervisors of the fourth session (with a term of office from 2 March 2013 to 1 March 2016) of the Supervisory Committee at the Company's extraordinary general meeting held on 20 December 2012. Mr. PAN Guojin was re-elected as employee representative supervisor of the fourth session (with a term of office from 2 March 2013 to 1 March 2016) of the Supervisory Committee by the employees democratically on 3 December 2012.

During the year ended 31 December 2012, the Supervisory Committee held two meetings as follows:

At the first meeting of the Supervisory Committee held on 7 March 2012, the Supervisory Committee reviewed and approved the audited financial statements for the year ended 31 December 2011 prepared in accordance with IFRS and PRC GAAP, the preliminary results announcement and annual report (including the Report of the Supervisory Committee) for the year ended 31 December 2011, the profit distribution proposal for the year ended 31 December 2011, and the proposed appointment and terms of engagement of the Company's PRC and international auditors for 2012.

At the second meeting of the Supervisory Committee held on 8 August 2012, the Supervisory Committee reviewed and approved the financial statements, the preliminary results announcement and interim report for the six months ended 30 June 2012.

## Report of the Supervisory Committee

The independent opinions of the Supervisory Committee on its work during the year ended 31 December 2012 are summarized as follows:

1. The Supervisory Committee reviewed the Company's financial statements and interim report for the six months ended 30 June 2012 and financial statements and annual report for the year ended 31 December 2011 and is of the view that they were true and reliable and that the external auditors engaged by the Company gave objective and fair opinions on the financial statements.
2. The Supervisory Committee oversaw the annual assessment by the Audit Committee of the Company's system of internal control and is of the view that it is effective and adequate.
3. The Supervisory Committee monitored the discharge of duties by the Directors and managers of the Company and is of the view that during the year ended 31 December 2012, all the Directors and managers had diligently and faithfully discharged their duties under the Articles of Association of the Company, worked towards maximising the interests of the shareholders and the Company, and dedicated to promoting the development of the Company. The Supervisory Committee was not aware of any act of the Directors or managers during their discharge of duties that were in contradiction to the laws or regulations of the PRC or the Articles of Association of the Company or detrimental to the interests of shareholders of the Company.

### **BY ORDER OF THE SUPERVISORY COMMITTEE**

**XU Chunlei**  
*Chairman*

Shanghai, the PRC  
20 March 2013



# Independent Auditors' Report



To the shareholders of  
**Advanced Semiconductor Manufacturing Corporation Limited**  
*(Established in the People's Republic of China with limited liability)*

We have audited the accompanying financial statements of Advanced Semiconductor Manufacturing Corporation Limited (the "Company") set out on pages 58 to 110, which comprise the statement of financial position as at 31 December 2012 and the statement of comprehensive income, the statement of changes in equity and the statement of cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

## DIRECTORS' RESPONSIBILITY FOR THE FINANCIAL STATEMENTS

The directors of the Company are responsible for the preparation of these financial statements that give a true and fair view in accordance with International Financial Reporting Standards and the disclosure requirements of the Hong Kong Companies Ordinance, and for such internal control as the directors determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

## AUDITORS' RESPONSIBILITY

Our responsibility is to express an opinion on these financial statements based on our audit. Our report is made solely to you, as a body, and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the contents of this report.

We conducted our audit in accordance with Hong Kong Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the entity's preparation of financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the directors, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

# Independent Auditors' Report

## OPINION

In our opinion, the financial statements give a true and fair view of the state of affairs of the Company as at 31 December 2012, and of the Company's profit and cash flows for the year then ended in accordance with International Financial Reporting Standards and have been properly prepared in accordance with the disclosure requirements of the Hong Kong Companies Ordinance.

### **Ernst & Young**

*Certified Public Accountants*

22/F, CITIC Tower

1 Tim Mei Avenue,  
Central, Hong Kong

20 March 2013

# Statement of Comprehensive Income

Year ended 31 December 2012

	Notes	2012 RMB'000	2011 RMB'000
<b>Revenue</b>	5	<b>853,551</b>	950,701
Cost of sales		<b>(734,231)</b>	(785,019)
<b>Gross profit</b>		<b>119,320</b>	165,682
Other income and gains	6	<b>35,120</b>	20,756
Selling and distribution expenses		<b>(7,594)</b>	(5,797)
General and administrative expenses		<b>(63,067)</b>	(68,973)
Research and development costs		<b>(36,500)</b>	(49,816)
Other expenses	6	<b>(1,625)</b>	(7,374)
Finance costs	7	<b>(1,124)</b>	(3,339)
<b>Profit before tax</b>	7	<b>44,530</b>	51,139
Income tax	10	—	—
<b>Profit for the year</b>		<b>44,530</b>	51,139
Other comprehensive income for the year		—	—
<b>Total comprehensive income for the year attributable to ordinary equity holders of the Company</b>		<b>44,530</b>	51,139
<b>Earnings per share attributable to ordinary equity holders of the Company</b>			
– Basic and diluted	12	<b>2.90 cents</b>	3.33 cents

Details of the dividends proposed for the year are disclosed in note 11 to the financial statements.

The accompanying notes form an integral part of the financial statements

# Statement of Financial Position

31 December 2012

	Notes	31 December 2012 RMB'000	31 December 2011 RMB'000
<b>Non-current assets</b>			
Property, plant and equipment	13	318,508	346,951
Construction in progress	14	18,888	30,291
Prepaid land lease payments	15	31,235	32,005
Intangible assets	16	8,058	7,210
Total non-current assets		376,689	416,457
<b>Current assets</b>			
Inventories	17	108,474	162,911
Accounts and note receivables	18	73,664	77,130
Prepayments, deposits and other receivables	19	18,343	19,101
Due from related companies	20	19,307	38,888
Cash and cash equivalents	21	414,074	371,579
Total current assets		633,862	669,609
Total assets		1,010,551	1,086,066
<b>Current liabilities</b>			
Accounts payable	22	75,820	152,889
Other payables and accruals		42,638	50,540
Due to related companies	20	4,931	5,928
Government grants	23	8,109	7,124
Interest-bearing bank borrowings	24	18,857	50,407
Total current liabilities		150,355	266,888
<b>Net current assets</b>		<b>483,507</b>	402,721
<b>Total assets less current liabilities</b>		<b>860,196</b>	819,178
<b>Non-current liabilities</b>			
Government grants	23	10,203	13,715
<b>Net assets</b>		<b>849,993</b>	805,463
<b>Equity attributable to equity holders of the Company</b>			
Share capital	26	1,534,227	1,534,227
Reserves	27	(684,234)	(728,764)
<b>Total equity</b>		<b>849,993</b>	805,463

Chen Jianming  
Director

Wang Qingyu  
Director

The accompanying notes form an integral part of the financial statements

# Statement of Changes in Equity

Year ended 31 December 2012

	Notes	2012 RMB'000	2011 RMB'000
<b>Share capital</b>	26		
<i>Ordinary shares of RMB1.00 each:</i>			
At beginning and end of year		<b>1,534,227</b>	1,534,227
<b>Capital reserve</b>	27 (a)		
At beginning and end of year		<b>205,363</b>	205,363
<b>Statutory surplus reserve</b>	27 (b)		
At beginning and end of year		<b>19,353</b>	19,353
<b>Accumulated losses</b>	27 (c)		
At beginning of year		<b>(953,480)</b>	(1,004,619)
Total comprehensive income for the year		<b>44,530</b>	51,139
At end of year		<b>(908,950)</b>	(953,480)
<b>Reserves</b>		<b>(684,234)</b>	(728,764)
<b>Total equity attributable to equity holders of the Company</b>		<b>849,993</b>	805,463

The accompanying notes form an integral part of the financial statements

# Statement of Cash Flows

Year ended 31 December 2012

	Note	2012 RMB'000	2011 RMB'000
<b>Cash flows from operating activities</b>			
Profit before tax		44,530	51,139
Adjustments for:			
Depreciation	7	91,370	108,562
Amortisation of intangible assets	7	2,300	2,084
Amortisation of prepaid land lease payments	7	769	769
Impairment/(reversal of impairment) for doubtful debts	7	(103)	37
Write-down/(reversal of write-down) of inventories to net realisable value	7	(1,365)	6,759
Finance costs		1,124	3,339
Exchange loss		359	8,961
Government grants		(11,703)	(4,123)
Interest income		(8,178)	(7,161)
<b>Operating profit before working capital changes</b>		<b>119,103</b>	170,366
Decrease/(increase) in accounts and note receivables		3,569	(4,236)
Decrease/(increase) in inventories		55,802	(7,838)
Decrease in prepayments, deposits and other receivables		928	6,860
Decrease/(increase) in balances with related companies		18,584	(6,554)
Decrease in accounts payable		(60,973)	(3,619)
Decrease/(increase) in other payables and accruals		(7,870)	3,728
<b>Cash generated from operations</b>		<b>129,143</b>	158,707
Interest paid		(1,156)	(3,426)
Interest received		8,009	6,593
Government grants received		9,176	2,254
<b>Net cash flows from operating activities</b>		<b>145,172</b>	164,128

continued/...

The accompanying notes form an integral part of the financial statements

# Statement of Cash Flows

Year ended 31 December 2012

	Note	2012 RMB'000	2011 RMB'000
<b>Cash flows from investing activities</b>			
Purchases of items of property, plant and equipment, construction in progress and intangible assets		(70,768)	(125,045)
Receipt of government grants		—	3,900
<b>Net cash flows used in investing activities</b>		<b>(70,768)</b>	<b>(121,145)</b>
<b>Cash flows from financing activities</b>			
New bank borrowings		37,967	72,970
Repayment of bank borrowings		(69,517)	(138,790)
<b>Net cash flows used in financing activities</b>		<b>(31,550)</b>	<b>(65,820)</b>
<b>Net increase/(decrease) in cash and cash equivalents</b>		<b>42,854</b>	<b>(22,837)</b>
Cash and cash equivalents at beginning of year		371,579	403,377
Effect of exchange rate changes on cash and cash equivalents		(359)	(8,961)
<b>Cash and cash equivalents at end of year</b>		<b>414,074</b>	<b>371,579</b>
<b>Analysis of balances of cash and cash equivalents</b>			
Cash and bank balances	21	96,591	48,658
Non-pledged time deposits with original maturity of less than twelve months	21	317,483	322,921
Cash and cash equivalents as stated in the statement of financial position and statement of cash flows		414,074	371,579
<b>Investing activities affecting both cash and non-cash items</b>			
Addition of items of property, plant and equipment, construction in progress and intangible assets		(54,672)	(124,288)
Decrease in the balance of payables for purchases of items of property, plant and equipment, construction in progress and intangible assets		(16,096)	(757)
Cash flows used in purchases of items of property, plant and equipment, construction in progress and intangible assets		(70,768)	(125,045)

The accompanying notes form an integral part of the financial statements

## 1. CORPORATE INFORMATION

Advanced Semiconductor Manufacturing Corporation Limited (the "Company") was initially established in the People's Republic of China (the "PRC") on 4 October 1988 as a Sino-foreign joint venture company with limited liability under the Law of the PRC on Joint Ventures Using Chinese and Foreign Investment with a tenure of operation of 30 years from 4 October 1988 to 3 October 2019.

On 2 March 2004, the Company was re-registered as a foreign invested joint stock company with limited liability. The tenure of operation of the Company was revised to infinite. On 7 April 2006, the Company's H-shares were successfully listed on The Stock Exchange of Hong Kong Limited (the "Stock Exchange").

The registered office and principal place of business of the Company is located at 385 Hongcao Road, Shanghai 200233, the PRC.

The Company is principally engaged in the manufacture and sale of 5-inch, 6-inch and 8-inch silicon wafers.

## 2.1 BASIS OF PREPARATION

The financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRSs"), which comprise standards and interpretations approved by the International Accounting Standards Board ("IASB"), and International Accounting Standards and Interpretations of the Standing Interpretation Committee approved by the International Accounting Standards Committee that remain in effect and the disclosure requirements of the Hong Kong Companies Ordinance. The financial statements have been prepared under the historical cost convention, except as disclosed in this summary of significant accounting policies. The financial statements are prepared in Renminbi ("RMB") and all values are rounded to the nearest thousand ("RMB'000") except when otherwise stated.

## 2.2 CHANGES IN ACCOUNTING POLICY AND DISCLOSURES

The Company has adopted the following revised IFRSs for the first time for the current year's financial statements.

- IAS 12 Income Taxes (Amendment) – Deferred Taxes: Recovery of Underlying Assets
- IFRS 1 First-Time Adoption of International Financial Reporting Standards (Amendment) – Severe Hyperinflation and Removal of Fixed Dates for First-Time Adopters
- IFRS 7 Financial Instruments : Disclosures – Enhanced Derecognition Disclosure Requirements



# Notes to Financial Statements

31 December 2012

## 2.2 CHANGES IN ACCOUNTING POLICY AND DISCLOSURES *(continued)*

The principal effects of adopting these new and revised IFRSs are as follows:

### IAS 12 Income Taxes (Amendment) – Deferred Taxes: Recovery of Underlying Assets

The amendment clarified the determination of deferred tax on investment property measured at fair value and introduces a rebuttable presumption that deferred tax on investment property measured using the fair value model in IAS 40 should be determined on the basis that its carrying amount will be recovered through sale. It includes the requirement that deferred tax on non-depreciable assets that are measured using the revaluation model in IAS 16 should always be measured on a sale basis. The amendment is effective for annual periods beginning on or after 1 January 2012 and has had no effect on the Company's financial position, performance or its disclosures.

### IFRS 1 First-Time Adoption of International Financial Reporting Standards (Amendment) – Severe Hyperinflation and Removal of Fixed Dates for First-Time Adopters

The IASB provided guidance on how an entity should resume presenting IFRS financial statements when its functional currency ceases to be subject to hyperinflation. The amendment is effective for annual periods beginning on or after 1 July 2011. The amendment has no impact on the financial statements of the Company.

### IFRS 7 Financial Instruments: Disclosures – Enhanced Derecognition Disclosure Requirements

The amendment requires additional disclosure about financial assets that have been transferred but not derecognised to enable the user of the Company's financial statements to understand the relationship with those assets that have not been derecognised and their associated liabilities. In addition, the amendment requires disclosures about the entity's continuing involvement in derecognised assets to enable the users to evaluate the nature of, and risks associated with, such involvement. The amendment is effective for annual periods beginning on or after 1 July 2011. The Company does not have any assets with these characteristics so there has been no effect on the presentation of its financial statements.

## 2.3 ISSUED BUT NOT YET EFFECTIVE IFRSs

The Company has not applied the following new and revised IFRSs that have been issued but are not yet effective, in these financial statements.

### IAS 1 Presentation of Items of Other Comprehensive Income – Amendments to IAS 1

The amendments to IAS 1 change the grouping of items presented in other comprehensive income (OCI). Items that could be reclassified (or 'recycled') to profit or loss at a future point in time (for example, actuarial gains and losses on defined benefit plans and revaluation of land and buildings) would be presented separately from items that will never be reclassified (for example, net gain on hedge of net investment, exchange differences on translation of foreign operations, net movement on cash flow hedges and net loss or gain on available-for-sale financial assets). The amendment affects presentation only and has no impact on the Company's financial position or performance. The amendment becomes effective for annual periods beginning on or after 1 July 2012, and will therefore be applied in the Company's first annual report after becoming effective.

### IAS 19 Employee Benefits (Revised)

The IASB has issued numerous amendments to IAS 19. These range from fundamental changes such as removing the corridor mechanism and the concept of expected returns on plan assets to simple clarifications and re-wording. The amendment has no impact on the Company's financial position or performance. The amendment becomes effective for annual periods beginning on or after 1 January 2013.

### IAS 28 Investments in Associates and Joint Ventures (as revised in 2011)

As a consequence of the new IFRS 11 Joint Arrangements, and IFRS 12 Disclosure of Interests in Other Entities, IAS 28 Investments in Associates, has been renamed IAS 28 Investments in Associates and Joint Ventures, and describes the application of the equity method to investments in joint ventures in addition to associates. The amendment has no impact on the Company's financial position or performance. The revised standard becomes effective for annual periods beginning on or after 1 January 2013.

### IAS 32 Offsetting Financial Assets and Financial Liabilities – Amendments to IAS 32

These amendments clarify the meaning of "currently has a legally enforceable right to set-off". The amendments also clarify the application of the IAS 32 offsetting criteria to settlement systems (such as central clearing house systems) which apply gross settlement mechanisms that are not simultaneous. These amendments are not expected to impact the Company's financial position or performance and become effective for annual periods beginning on or after 1 January 2014.

# Notes to Financial Statements

31 December 2012

## 2.3 ISSUED BUT NOT YET EFFECTIVE IFRSs *(continued)*

### IFRS 1 Government Loans – Amendments to IFRS 1

These amendments require first-time adopters to apply the requirements of IAS 20 Accounting for Government Grants and Disclosure of Government Assistance, prospectively to government loans existing at the date of transition to IFRS. Entities may choose to apply the requirements of IFRS 9 (or IAS 39, as applicable) and IAS 20 to government loans retrospectively if the information needed to do so had been obtained at the time of initially accounting for that loan. The exception would give first-time adopters relief from retrospective measurement of government loans with a below-market rate of interest. The amendment is effective for annual periods on or after 1 January 2013. The amendment has no impact on the Company.

### IFRS 7 Disclosures – Offsetting Financial Assets and Financial Liabilities – Amendments to IFRS 7

These amendments require an entity to disclose information about rights to set-off and related arrangements (e.g., collateral agreements). The disclosures would provide users with information that is useful in evaluating the effect of netting arrangements on an entity's financial position. The new disclosures are required for all recognised financial instruments that are set off in accordance with IAS 32 Financial Instruments: Presentation. The disclosures also apply to recognised financial instruments that are subject to an enforceable master netting arrangement or similar agreement, irrespective of whether they are set off in accordance with IAS 32. These amendments will not impact the Company's financial position or performance and become effective for annual periods beginning on or after 1 January 2013.

### IFRS 9 Financial Instruments: Classification and Measurement

IFRS 9, as issued, reflects the first phase of the IASB's work on the replacement of IAS 39 and applies to classification and measurement of financial assets and financial liabilities as defined in IAS 39. The standard was initially effective for annual periods beginning on or after 1 January 2013, but Amendments to IFRS 9 Mandatory Effective Date of IFRS 9 and Transition Disclosures, issued in December 2011, moved the mandatory effective date to 1 January 2015. In subsequent phases, the IASB will address hedge accounting and impairment of financial assets. The adoption of the first phase of IFRS 9 will have no impact on classification and measurements of the Company's financial assets and financial liabilities. The Company will quantify the effect in conjunction with the other phases, when the final standard including all phases is issued.

### IFRS 10 Consolidated Financial Statements, IAS 27 Separate Financial Statements

IFRS 10 replaces the portion of IAS 27 Consolidated and Separate Financial Statements that addresses the accounting for consolidated financial statements. It also addresses the issues raised in SIC-12 Consolidation – Special Purpose Entities. IFRS 10 establishes a single control model that applies to all entities including special purpose entities. The changes introduced by IFRS 10 will require management to exercise significant judgement to determine which entities are controlled and therefore are required to be consolidated by a parent, compared with the requirements that were in IAS 27. The application of this new standard will not impact the financial position of the Company. This standard becomes effective for annual periods beginning on or after 1 January 2013.

## 2.3 ISSUED BUT NOT YET EFFECTIVE IFRSs *(continued)*

### IFRS 11 Joint Arrangements

IFRS 11 replaces IAS 31 Interests in Joint Ventures and SIC-13 Jointly-controlled Entities - Non-monetary Contributions by Venturers. IFRS 11 removes the option to account for jointly controlled entities (JCEs) using proportionate consolidation. Instead, JCEs that meet the definition of a joint venture must be accounted for using the equity method. The application of this new standard will not impact the financial position of the Company. This standard becomes effective for annual periods beginning on or after 1 January 2013.

### IFRS 12 Disclosure of Interests in Other Entities

IFRS 12 includes all of the disclosures that were previously in IAS 27 related to consolidated financial statements, as well as all of the disclosures that were previously included in IAS 31 and IAS 28. These disclosures relate to an entity's interests in subsidiaries, joint arrangements, associates and structured entities. A number of new disclosures are also required, but will have no impact on the Company's financial position or performance. This standard becomes effective for annual periods beginning on or after 1 January 2013.

### IFRS 13 Fair Value Measurement

IFRS 13 establishes a single source of guidance under IFRS for all fair value measurements. IFRS 13 does not change when an entity is required to use fair value, but rather provides guidance on how to measure fair value under IFRS when fair value is required or permitted. The application of this new standard will not impact the financial position of the Company. This standard becomes effective for annual periods beginning on or after 1 January 2013.

### IFRIC 20 Stripping Costs in the Production Phase of a Surface Mine

This interpretation applies to waste removal (stripping) costs incurred in surface mining activity, during the production phase of the mine. The interpretation addresses the accounting for the benefit from the stripping activity. The interpretation is effective for annual periods beginning on or after 1 January 2013. The new interpretation will not have an impact on the Company.

## ***Annual Improvements May 2012***

These improvements, except for the improvement on IAS 16 Property Plant and Equipment, will not have an impact on the Company, but include:

### IFRS 1 First-time Adoption of International Financial Reporting Standards

This improvement clarifies that an entity that stopped applying IFRS in the past and chooses, or is required, to apply IFRS, has the option to re-apply IFRS 1. If IFRS 1 is not re-applied, an entity must retrospectively restate its financial statements as if it had never stopped applying IFRS.

# Notes to Financial Statements

31 December 2012

## 2.3 ISSUED BUT NOT YET EFFECTIVE IFRSs *(continued)*

### *Annual Improvements May 2012 (continued)*

#### IAS 1 Presentation of Financial Statements

This improvement clarifies the difference between voluntary additional comparative information and the minimum required comparative information. Generally, the minimum required comparative information is the previous period.

#### IAS 16 Property Plant and Equipment

This improvement clarifies that major spare parts and servicing equipment that meet the definition of property, plant and equipment are not inventory. The Company is currently assessing the impact that this improvement will have on the Company's financial position and performance.

#### IAS 32 Financial Instruments, Presentation

This improvement clarifies that income taxes arising from distributions to equity holders are accounted for in accordance with IAS 12 Income Taxes.

#### IAS 34 Interim Financial Reporting

The amendment aligns the disclosure requirements for total segment assets with total segment liabilities in interim financial statements. This clarification also ensures that interim disclosures are aligned with annual disclosures.

These improvements are effective for annual periods beginning on or after 1 January 2013.

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

### *Related parties*

A party is considered to be related to the Company if:

- (a) the party is a person or a close member of that person's family and that person
  - (i) has control or joint control over the Company;
  - (ii) has significant influence over the Company; or
  - (iii) is a member of the key management personnel of the Company or of a parent of the Company;

or

- (b) the party is an entity where any of the following conditions applies:
  - (i) the entity and the Company are members of the same group;
  - (ii) one entity is an associate or joint venture of the other entity (or of a parent, subsidiary or fellow subsidiary of the other entity);
  - (iii) the entity and the Company are joint ventures of the same third party;
  - (iv) one entity is a joint venture of a third entity and the other entity is an associate of the third entity;
  - (v) the entity is a post-employment benefit plan for the benefit of employees of either the Company or an entity related to the Company;
  - (vi) the entity is controlled or jointly controlled by a person identified in (a); and
  - (vii) a person identified in (a)(i) has significant influence over the entity or is a member of the key management personnel of the entity (or of a parent of the entity).

# Notes to Financial Statements

31 December 2012

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Property, plant and equipment and depreciation*

Property, plant and equipment, other than construction in progress, are stated at cost less accumulated depreciation and impairment losses.

The cost of an item of property, plant and equipment comprises its purchase price and any directly attributable costs of bringing the asset to its working condition and location for its intended use.

Expenditure incurred after items of property, plant and equipment have been put into operation, such as repairs and maintenance, is normally charged to the statement of comprehensive income in the period in which it is incurred. In situations where the recognition criteria are satisfied, the expenditure for a major inspection is capitalised in the carrying amount of the asset as a replacement. Where significant parts of property, plant and equipment are required to be replaced at intervals, the Company recognises such parts as individual assets with specific useful lives and depreciation.

Depreciation is calculated on the straight-line basis to write off the cost of each item of property, plant and equipment to its residual value over its estimated useful life. The estimated useful lives of the property, plant and equipment are as follows:

Buildings	30 years
Plant and machinery	5~10 years
Office equipment	5 years
Motor vehicles	5 years

Where parts of an item of property, plant and equipment have different useful lives, the cost of that item is allocated on a reasonable basis among the parts and each part is depreciated separately.

Residual values, useful lives and the depreciation method are reviewed, and adjusted if appropriate, at least at each financial year end.

An item of property, plant and equipment including any significant part initially recognised is derecognised upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss on disposal or retirement recognised in profit or loss in the year the asset is derecognised is the difference between the net sales proceeds and the carrying amount of the relevant asset.

### *Construction in progress*

Construction in progress represents buildings, plant and machinery and other fixed assets under construction or installation, which is stated at cost less accumulated impairment losses, and is not depreciated. Cost comprises the direct costs of purchase, construction, installation and testing, and capitalised borrowing costs on related borrowed funds during the period of construction or installation. Construction in progress is reclassified to the appropriate category of property, plant and equipment when completed and ready for use.

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Intangible assets*

Intangible assets acquired separately are measured on initial recognition at cost. The cost of intangible assets acquired in a business combination is the fair value as at the date of acquisition. The useful lives of intangible assets are assessed to be finite. Intangible assets with finite lives are subsequently amortised over the useful economic life and assessed for impairment whenever there is an indication that the intangible asset may be impaired. The amortisation period and the amortisation method for an intangible asset with a finite useful life are reviewed at least at each financial year end.

### *Software*

Software is stated at cost less any impairment losses and is amortised using the straight-line basis over the commercial lives of the underlying products not exceeding five to ten years, commencing from the date when the products are put into commercial production.

### *Research and development costs*

All research costs are charged to profit or loss as incurred.

Expenditure incurred on projects to develop new products is capitalised and deferred only when the Company can demonstrate the technical feasibility of completing the intangible asset so that it will be available for use or sale, its intention to complete and its ability to use or sell the asset, how the asset will generate future economic benefits, the availability of resources to complete the project and the ability to measure reliably the expenditure during the development. Product development expenditure which does not meet these criteria is expensed when incurred.

### *Impairment of non-financial assets*

The Company assesses at the end of each reporting period whether there is an indication that an asset may be impaired. Where an indication of impairment exists, or when annual impairment testing for an asset is required, the assets' recoverable amount is estimated. An asset's recoverable amount is the higher of the asset's or cash-generating unit's value in use and its fair value less costs to sell, and is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets, in which case the recoverable amount is determined for the cash-generating unit to which the asset belongs.

An impairment loss is recognised only if the carrying amount of an asset exceeds its recoverable amount. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. In determining fair value less costs to sell, an appropriate valuation model is used. An impairment loss is charged to profit or loss in the period in which it arises.



# Notes to Financial Statements

31 December 2012

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Impairment of non-financial assets (continued)*

An assessment is made at the end of each reporting period as to whether there is an indication that previously recognised impairment losses may no longer exist or may have decreased. If such an indication exists, the recoverable amount is estimated. A previously recognised impairment loss of an asset other than goodwill is reversed only if there has been a change in the estimates used to determine the recoverable amount of that asset, but not to an amount higher than the carrying amount that would have been determined (net of any depreciation/amortisation) had no impairment loss been recognised for the asset in prior years. A reversal of such an impairment loss is credited to profit or loss in the period in which it arises.

### *Leases*

Leases where substantially all the rewards and risks of ownership of assets remain with the lessor are accounted for as operating leases. Where the Company is the lessee, rentals payable under operating leases are charged to profit or loss on the straight-line basis over the lease terms.

Prepaid land lease payments under operating leases are initially stated at cost and subsequently recognised on the straight-line basis over the lease terms.

### *Financial assets*

#### *Initial recognition and measurement*

Financial assets within the scope of IAS 39 are classified as financial assets at fair value through profit or loss, loans and receivables, held-to-maturity investments, and available-for-sale financial investments, or as derivatives designated as hedging instruments in an effective hedge, as appropriate. The Company determines the classification of its financial assets at initial recognition. When financial assets are recognised initially, they are measured at fair value, plus, in the case of investments not at fair value through profit or loss, directly attributable transaction costs. The Company did not have financial assets at fair value through profit or loss, held-to-maturity investments or available-for-sale financial assets at 31 December 2011 and 31 December 2012.

All regular way purchases and sales of financial assets are recognised on the trade date, that is, the date that the Company commits to purchase or sell the assets. Regular way purchases or sales are purchases or sales of financial assets that require delivery of assets within the period generally established by regulation or convention in the marketplace.

The Company's financial assets include cash and bank balances, trade and other receivables and amounts due from related companies.

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Financial assets (continued)*

#### **Subsequent measurement**

The subsequent measurement of loans and receivables is as follows:

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. After initial measurement, such assets are subsequently measured at amortised cost using the effective interest rate method less any allowance for impairment. Amortised cost is calculated by taking into account any discount or premium on acquisition and includes fees or costs that are an integral part of the effective interest rate. The effective interest rate amortisation is included in other income and gain in the statement of comprehensive income. The loss arising from impairment is recognised in the statement of comprehensive income in finance costs.

#### **Derecognition of financial assets**

A financial asset (or, where applicable, a part of a financial asset or part of a group of similar financial assets) is derecognised when:

- the rights to receive cash flows from the asset have expired; or
- the Company has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a "pass-through" arrangement; and either (a) the Company has transferred substantially all the risks and rewards of the asset, or (b) the Company has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

When the Company has transferred its rights to receive cash flows from an asset or has entered into a pass-through arrangement, and has neither transferred nor retained substantially all the risks and rewards of the asset nor transferred control of the asset, the asset is recognised to the extent of the Company's continuing involvement in the asset. In that case, the Company also recognises an associated liability. The transferred asset and the associated liability are measured on a basis that reflects the rights and obligations that the Company has retained.

Continuing involvement that takes the form of a guarantee over the transferred asset is measured at the lower of the original carrying amount of the asset and the maximum amount of consideration that the Company could be required to repay.

# Notes to Financial Statements

31 December 2012

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Impairment of financial assets*

The Company assesses at the end of each reporting period whether there is any objective evidence that a financial asset or group of financial assets is impaired. A financial asset or a group of financial assets is deemed to be impaired if, and only if, there is objective evidence of impairment as a result of one or more events that occurred after the initial recognition of the asset (an incurred "loss event") and that loss event has an impact on the estimated future cash flows of the financial asset or the group of financial assets that can be reliably estimated. Evidence of impairment may include indications that a debtor or a group of debtors is experiencing significant financial difficulty, default or delinquency in interest or principal payments, the probability that they will enter bankruptcy or other financial reorganisation and observable data indicating that there is a measurable decrease in the estimated future cash flows, such as changes in arrears or economic conditions that correlate with defaults.

If there is objective evidence that an impairment has been incurred, the amount of the loss is measured as the difference between the asset's carrying amount and the present value of estimated future cash flows (excluding future credit losses that have not been incurred). The present value of the estimated future cash flows is discounted at the financial asset's original effective interest rate (i.e., the effective interest rate computed at initial recognition). If a loan has a variable interest rate, the discount rate for measuring any impairment loss is the current effective interest rate.

The carrying amount of the asset is reduced either directly or through the use of an allowance account. The amount of the loss shall be recognised in profit or loss. Interest income continues to be accrued on the reduced carrying amount and is accrued using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss. Loans and receivables together with any associated allowance are written off when there is no realistic prospect of future recovery.

If, in a subsequent period, the amount of the estimated impairment loss increases or decreases because of an event occurring after the impairment was recognised, the previously recognised impairment loss is increased or reduced by adjusting the allowance account. If a future write-off is later recovered, the recovery is credited to the statement of comprehensive income.

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Financial liabilities*

#### *Initial recognition and measurement*

Financial liabilities within the scope of IAS 39 are classified as financial liabilities at fair value through profit or loss, loans and borrowings, or as derivatives designated as hedging instruments in an effective hedge, as appropriate. The Company determines the classification of its financial liabilities at initial recognition.

All financial liabilities are recognised initially at fair value and, in the case of loans and borrowings, net off directly attributable transaction costs.

The Company's financial liabilities include trade and other payables, amounts due to related companies and interest-bearing bank borrowings.

#### *Subsequent measurement*

The measurement of financial liabilities depends on their classification as follows:

#### *Financial liabilities at fair value through profit or loss*

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated upon initial recognition as at fair value through profit or loss.

Financial liabilities are classified as held for trading if they are acquired for the purpose of sale in the near term. This category includes derivative financial instruments entered into by the Company that are not designated as hedging instruments in hedge relationships as defined by IAS 39. Separated embedded derivatives are also classified as held for trading unless they are designated as effective hedging instruments. Gains or losses on liabilities held for trading are recognised in the statement of comprehensive income. The net fair value gain or loss recognised in profit or loss does not include any interest charged on these financial liabilities.

#### *Loans and borrowings*

After initial recognition, interest-bearing bank borrowings are subsequently measured at amortised cost, using the effective interest method unless the effect of discounting would be immaterial, in which case they are stated at cost. Gains and losses are recognised in profit or loss when the liabilities are derecognised as well as through the effective interest rate method amortisation process.

Amortised cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the effective interest rate. The effective interest rate amortisation is included in finance costs in the statement of comprehensive income.

# Notes to Financial Statements

31 December 2012

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Derecognition of financial liabilities*

A financial liability is derecognised when the obligation under the liability is discharged or cancelled, or expires.

When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and a recognition of a new liability, and the difference between the respective carrying amounts is recognised in profit or loss.

### *Offsetting of financial instruments*

Financial assets and financial liabilities are offset and the net amount is reported in the statement of financial position if, and only if, there is currently enforceable legal right to offset the recognised amounts and there is an intention to settle on a net basis, or to realise the assets and settle the liabilities simultaneously.

### *Fair value of financial instruments*

The fair value of financial instruments that are traded in active markets is determined by reference to quoted market prices or dealer price quotations (bid price for long positions and ask for short positions), without any deduction for transaction costs. For financial instruments where there is no active market, the fair value is determined using appropriate valuation techniques. These techniques include using recent arm's length market transactions; reference to the current market value of another instrument which is substantially the same; a discounted cash flow analysis; and option pricing models.

### *Inventories*

Inventories are stated at the lower of cost and net realisable value. Cost is determined on the weighted average basis and, in the case of work in progress and finished goods, comprises direct materials, direct labour, and an appropriate proportion of overheads. Net realisable value is based on the estimated selling price in the ordinary course of business less any further costs expected to be incurred to completion and disposal.

### *Cash and cash equivalents*

For the purpose of the statement of cash flows, cash and cash equivalents comprise cash on hand, demand deposits and short term highly liquid investments that are readily convertible into known amounts of cash, are subject to an insignificant risk of changes in value and have a short maturity of generally within three months when acquired, less bank overdrafts which are repayable on demand and form an integral part of the Company's cash management.

For the purpose of the statement of financial position, cash and cash equivalents comprise cash on hand and at banks, including term deposits, which are not restricted as to use.

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Provisions*

A provision is recognised when a present obligation (legal or constructive) has arisen as a result of a past event and it is probable that a future outflow of resources embodying economic benefits will be required to settle the obligation, provided that a reliable estimate can be made of the amount of the obligation.

When the effect of discounting is material, the amount recognised for a provision is the present value at the end of the reporting period of the future expenditures expected to be required to settle the obligation. The increase in the discounted present value amount arising from the passage of time is included in finance costs in the statement of comprehensive income.

### *Income tax*

Income tax comprises current and deferred tax. Income tax relating to items recognised outside profit or loss is recognised outside profit or loss, either in other comprehensive income or directly in equity.

Current tax assets and liabilities for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period, taking into consideration interpretations and practices prevailing in the countries in which the Company operates.

Deferred tax is provided, using the liability method, on all temporary differences at the end of the reporting period between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes.

Deferred tax liabilities are recognised for all taxable temporary differences, except where the deferred tax liability arises from goodwill or the initial recognition of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss.

Deferred tax assets are recognised for all deductible temporary differences, carryforward of unused tax credits and unused tax losses, to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, and the carryforward of unused tax assets and unused tax losses can be utilised, except where the deferred tax asset relating to the deductible temporary differences arises from the initial recognition of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be utilised. Unrecognised deferred tax assets are reassessed at the end of each reporting period and are recognised to the extent that it has become probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be recovered.

# Notes to Financial Statements

31 December 2012

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Income tax (continued)*

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply to the period when the asset is realised or the liability is settled, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax assets and deferred tax liabilities are offset if a legally enforceable right exists to set off current tax assets against current tax liabilities and the deferred taxes relate to the same taxable entity and the same taxation authority.

### *Government grants*

Government grants are recognised at their fair value where there is reasonable assurance that the grant will be received and all attaching conditions will be complied with. When the grant relates to an expense item, it is recognised as income on a systematic basis over the period that the costs, which it is intended to compensate, are expensed. Where the grant relates to an asset, the fair value of the grant is recorded as deferred government grant and will be amortised over the weighted average useful life of the related assets once all attaching conditions are complied with.

### *Revenue recognition*

Revenue is recognised when it is probable that the economic benefits will flow to the Company and when the revenue can be measured reliably, on the following bases:

- (a) from the sale of goods, when the significant risks and rewards of ownership have been transferred to the buyer, provided that the Company maintains neither managerial involvement to the degree usually associated with ownership, nor effective control over the goods sold;
- (b) from the rendering of services, when the services have been rendered; and
- (c) interest income, on an accrual basis using the effective interest method by applying the rate that exactly discounts the estimated future cash receipts over the expected life of the financial instrument or a shorter period, when appropriate, to the net carrying amount of the financial asset.

## 2.4 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

### *Borrowing costs*

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, i.e., assets that necessarily take a substantial period of time to get ready for their intended use or sale, are capitalised as part of the cost of those assets. The capitalisation of such borrowing costs ceases when the assets are substantially ready for their intended use or sale. Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs capitalised. All other borrowing costs are expensed in the period in which they are incurred. Borrowing costs consist of interest and other costs that an entity incurs in connection with the borrowing of funds.

### *Dividends*

Final dividends proposed by the directors are classified as a separate allocation of retained profits within the equity section of the statement of financial position, until they have been approved by the shareholders in a general meeting. When these dividends have been approved by the shareholders and declared, they are recognised as a liability.

Interim dividends are simultaneously proposed and declared. Consequently, interim dividends are recognised immediately as a liability when they are proposed and declared.

### *Foreign currency transactions*

The functional and presentation currency of the Company is RMB.

Foreign currency transactions recorded by the Company are initially recorded using the functional currency rates prevailing at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies are translated at the functional currency rates of exchange ruling at the end of the reporting period. Differences are recognised in profit or loss. Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates as at the dates of the initial transactions. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value was determined.



# Notes to Financial Statements

31 December 2012

## 3. SIGNIFICANT ACCOUNTING JUDGEMENTS AND ESTIMATION

The preparation of the Company's financial statements requires management to make judgements, estimates and assumptions that affect the reported amounts of revenues, expenses, assets and liabilities, and their accompanying disclosures, and the disclosure of contingent liabilities. Uncertainty about these assumptions and estimates could result in outcomes that could require a material adjustment to the carrying amounts of the assets or liabilities affected in the future.

### *Judgements*

In the process of applying the Company's accounting policies, management has made the following judgements, apart from those involving estimations, which have the most significant effect on the amounts recognised in the financial statements:

#### **(a) Impairment of assets**

In determining if an asset is impaired or the event previously causing the impairment no longer exists, management has to exercise judgement in the area of asset impairment, particularly in assessing:

- (i) whether an event has occurred that may affect asset value or such event affecting the asset value has not been in existence;
- (ii) whether the carrying value of an asset can be supported by the net present value of future cash flows which are estimated based upon the continuing use of the asset or derecognition; and
- (iii) the appropriate key assumptions to be applied in preparing cash flow projections including whether these cash flow projections are discounted using an appropriate rate.

#### **(b) Deferred tax assets**

Deferred tax is provided using the liability method, on all temporary differences at the end of the reporting period between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes.

Deferred tax assets are recognised for unused tax losses carried forward to the extent it is probable that future taxable profits will be available against which the unused tax losses can be utilised, based on all available evidences. Recognition primarily involves judgement regarding the future performance of the Company. A variety of other factors are also evaluated in considering whether there is convincing evidence that it is probable that some portion or all of the deferred tax assets will ultimately be realised, such as the existence of taxable temporary differences, tax planning strategies and the periods in which estimated tax losses can be utilised.

#### **(c) Provision for obsolete and slow-moving inventories**

The Company's inventories are stated at the lower of cost and net realisable value. The Company makes provisions based on estimates of the realisable value with reference to the age and conditions of the inventories, together with the economic circumstances on the marketability of such inventories. Inventories are reviewed annually for obsolescence provisions, if appropriate.

## 3. SIGNIFICANT ACCOUNTING JUDGEMENTS AND ESTIMATION *(continued)*

### *Estimation uncertainty*

The key assumptions concerning the future and other key sources of estimation uncertainty at the end of the reporting period, that have a significant risk of causing a material adjustment to the carrying amounts of the assets and liabilities within the next financial year are discussed below:

#### **(a) Impairment test of assets**

Management determines whether an asset is impaired at least on an annual basis. This requires an estimation of the value in use of the cash-generating units. Estimating the value in use requires management to make an estimate of the expected future cash flows from the cash-generating unit and also to choose a suitable discount rate in order to calculate the level of impairment, including the discount rates or the growth rate assumptions in the cash flow projections, could materially affect the net present value used in the impairment test.

#### **(b) Deferred tax assets**

The carrying amount of deferred tax assets and related financial models and budgets are reviewed by management at the end of each reporting period. To the extent that there is insufficient convincing evidence that sufficient taxable profits will be available within the utilisation periods to allow the utilisation of the tax losses carried forward, the asset balance will not be recognised.

#### **(c) Provision for slow-moving inventories**

Provision for slow-moving inventories is made based on the age and estimated net realisable value of inventories. The assessment of the provision amount required involves management judgements and estimates. Where the actual outcome or expectation in future is different from the original estimate, such differences will have an impact on the carrying value of the inventories and provision charge/write-back in the period in which such estimate has been changed.

#### **(d) Impairment on accounts receivable**

Impairment on accounts receivable is made based on assessment of the recoverability of the trade receivables and other receivables. The identification of impairment on accounts receivable requires management judgements and estimates. Where the actual outcome or expectation in future is different from the original estimate, any differences will have an impact on the carrying value of the receivables and impairment expenses/write-back in the period in which the estimate has been changed.

# Notes to Financial Statements

31 December 2012

## 4. SEGMENT INFORMATION

The Company's revenue and profit were mainly derived from the sale of silicon wafers. The Company has only one reportable operating segment.

The principal assets employed by the Company are located in Shanghai, the PRC. Therefore, no segment information based on the geographical location of the Company's assets is presented.

The Company's revenue attributed to geographical areas based on the locations of customers is presented as follows:

	<b>2012</b>	2011
	<b>RMB'000</b>	RMB'000
United States of America	<b>433,618</b>	487,013
Europe	<b>254,763</b>	274,746
Asia	<b>165,170</b>	188,942
	<b>853,551</b>	950,701

### *Information about major customers*

Revenue from continuing operations of approximately RMB552,059,000 (2011: RMB573,532,000) was derived from sales to three customers (2011: three) which individually accounted for more than 10% of the Company's total revenue during the year. Sales to a particular customer included sales to a group of entities which are known to be under common control with that customer.

# Notes to Financial Statements

31 December 2012

## 5. REVENUE

Revenue, which is also the Company's turnover, represents the net invoiced value of goods sold, after allowances for returns and trade discounts, and the value of services rendered during the year.

An analysis of revenue is as follows:

	2012 RMB'000	2011 RMB'000
Sale of goods	853,170	950,651
Others	381	50
	<b>853,551</b>	950,701

## 6. OTHER INCOME AND GAINS AND OTHER EXPENSES

	2012 RMB'000	2011 RMB'000
<b>Other income and gains</b>		
Compensation income for a leakage incident	—	7,550
Interest income	8,178	7,161
Compensation income from a customer	8,049	—
Subsidy income	11,703	4,123
Sale of scrap materials	5,426	1,282
Others	1,764	640
	<b>35,120</b>	20,756
<b>Other expenses</b>		
Net foreign exchange loss	(1,625)	(7,374)
	<b>(1,625)</b>	(7,374)

# Notes to Financial Statements

31 December 2012

## 7. PROFIT BEFORE TAX

Profit before tax is arrived at after charging/(crediting):

	2012 RMB'000	2011 RMB'000
Cost of inventories sold	<b>734,231</b>	785,019
Depreciation	<b>91,370</b>	108,562
Amortisation of intangible assets	<b>2,300</b>	2,084
Amortisation of prepaid land lease payments	<b>769</b>	769
Research and development costs	<b>36,500</b>	49,816
Auditors' remuneration	<b>1,610</b>	1,610
Employee benefit expense (including directors', supervisors' and senior executives' remuneration as set out in note 8):		
Retirement benefits (note 9)		
– defined contribution fund	<b>20,091</b>	15,596
Accommodation benefits (note 9)		
– defined contribution fund	<b>5,400</b>	4,719
Salaries and other staff costs	<b>158,747</b>	160,443
	<b>184,238</b>	180,758
Interest on bank borrowings	<b>1,124</b>	3,339
Impairment/(reversal of impairment) for doubtful debts	<b>(103)</b>	37
Write-down for inventories/(reversal of write-down)	<b>(1,365)</b>	6,759

# Notes to Financial Statements

31 December 2012

## 8. DIRECTORS', SUPERVISORS' AND SENIOR EXECUTIVES' REMUNERATION

Directors' and supervisors' remuneration for the year, disclosed pursuant to the Listing Rules and Section 161 of the Hong Kong Companies Ordinance, is as follows:

	2012 RMB'000	2011 RMB'000
Fees	2,358	2,391
Other emoluments for executive directors and supervisors:		
– Salaries, allowance and other benefits	1,549	3,890
– Performance-related bonuses	753	1,171
– Retirement benefits	33	90
– Compensation for loss of office	720	—
	3,055	5,151
	5,413	7,542

### (a) Independent non-executive directors

The fees paid or payable to independent non-executive directors during the year were as follows:

	2012 RMB'000	2011 RMB'000
Mr. James Arthur Watkins	203	203
Mr. Thaddeus Thomas Beczak	203	203
Dr. Shen Weijia	203	203
Mr. Pu Hanhu**	6	—
	615	609

\*\* The director was appointed during the year ended 31 December 2012.

There were no other emoluments payable to the independent non-executive directors during the year.

# Notes to Financial Statements

31 December 2012

## 8. DIRECTORS', SUPERVISORS' AND SENIOR EXECUTIVES' REMUNERATION (continued)

### (b) Executive directors, non-executive directors and supervisors

	Fees RMB'000	Salaries, allowance and other benefits RMB'000	Performance- related bonuses RMB'000	Retirement benefits RMB'000	Compensation for loss of office	Total remuneration RMB'000
<b>2012</b>						
<b>Executive directors:</b>						
Dr. Joseph Xie*	—	366	362	—	720	1,448
Mr. Wang Qingyu**	—	962	361	—	—	1,323
	—	1,328	723	—	720	2,771
<b>Non-executive directors:</b>						
Dr. Chen Jianming	162	—	—	—	—	162
Mr. Zhu Jian	162	—	—	—	—	162
Ms. Shen Qing	162	—	—	—	—	162
Mr. Li Zhi	162	—	—	—	—	162
Mr. Wilhelmus Jacobus Maria Joseph Josquin*	108	—	—	—	—	108
Mr. Winfried Lodewijk Peeters	162	—	—	—	—	162
Mr. David Siu Kee Kiang***	162	—	—	—	—	162
	1,080	—	—	—	—	1,080
<b>Supervisors:</b>						
Mr. Shen Qitang*	82	—	—	—	—	82
Mr. Sun Biyuan	162	—	—	—	—	162
Mr. Xu Ding	162	—	—	—	—	162
Ms. Chen Yan	162	—	—	—	—	162
Mr. Pan Guojin	—	221	30	33	—	284
Ms. Xu Chunlei**	68	—	—	—	—	68
Mr. Yang Yanhui**	27	—	—	—	—	27
	663	221	30	33	—	947
	1,743	1,549	753	33	720	4,798

\* These directors and the supervisor resigned during the year ended 31 December 2012.

\*\* The director and these supervisors were appointed during the year ended 31 December 2012.

\*\*\* The supervisor resigned from the supervisor's position and was appointed as non-executive director during the year ended 31 December 2012.

# Notes to Financial Statements

31 December 2012

## 8. DIRECTORS', SUPERVISORS' AND SENIOR EXECUTIVES' REMUNERATION (continued)

### (b) Executive directors, non-executive directors and supervisors (continued)

	Fees RMB'000	Salaries, allowance and other benefits RMB'000	Performance- related bonuses RMB'000	Retirement benefits RMB'000	Total remuneration RMB'000
<b>2011</b>					
<b>Executive directors:</b>					
Dr. Joseph Xie**	—	887	11	—	898
Mr. Zhou Weiping*	—	1,432	575	30	2,037
Ms. Cheng Jianyu*	—	1,367	560	30	1,957
	—	3,686	1,146	60	4,892
<b>Non-executive directors:</b>					
Dr. Chen Jianming	162	—	—	—	162
Mr. Zhu Jian	162	—	—	—	162
Ms. Shen Qing	162	—	—	—	162
Mr. Li Zhi	162	—	—	—	162
Mr. Wilhelmus Jacobus Maria Joseph Josquin	162	—	—	—	162
Mr. Winfried Lodewijk Peeters	162	—	—	—	162
	972	—	—	—	972
<b>Supervisors:</b>					
Mr. Shen Qitang	162	—	—	—	162
Mr. Sun Bijuan	162	—	—	—	162
Mr. David Siu Kee Kiang	162	—	—	—	156
Mr. Xu Ding	162	—	—	—	162
Ms. Chen Yan	162	—	—	—	162
Mr. Pan Guojin	—	204	25	30	259
	810	204	25	30	1,069
	1,782	3,890	1,171	90	6,933

\* These directors resigned from the director's position during the year ended 31 December 2011, but remained as management of the Company. The above amounts represented their remuneration for the entire year.

\*\* The director was appointed during the year ended 31 December 2011.

There was no arrangement in which a director or a supervisor waived or agreed to waive any remuneration during the years ended 31 December 2011 and 2012.



# Notes to Financial Statements

31 December 2012

## 8. DIRECTORS', SUPERVISORS' AND SENIOR EXECUTIVES' REMUNERATION *(continued)*

### *(c) Five highest paid employees*

The five highest paid individuals in the Company include two (2011: two) executive directors for the year ended 31 December 2012, details of whose emoluments have been disclosed above.

The details of the emoluments for the year of the remaining three (2011: three) highest paid individuals who are neither a director nor chief executive of the Company are as follows:

	2012 RMB'000	2011 RMB'000
Salaries and other benefits	2,875	2,834
Performance-related bonuses	1,027	1,446
Retirement benefits	97	45
	<b>3,999</b>	4,325

The number of the three (2011: three) non-director and non-chief executive, highest paid employees, whose remuneration fell within the following bands, is as follows:

	2012	2011
HK\$ Nil - HK\$1,000,000	—	—
HK\$1,000,001 - HK\$1,500,000	1	1
HK\$1,500,001 - HK\$2,000,000	2	1
HK\$2,000,001 - HK\$2,500,000	—	1
HK\$2,500,001 - HK\$3,000,000	—	—
	<b>3</b>	3

During the years ended 31 December 2012 and 2011, no emoluments were paid by the Company to any of the directors, supervisors and non-director and non-chief executive highest paid employees of the Company as an inducement to join or upon joining the Company. During the year ended 31 December 2012, compensation for loss of office was paid to the predecessor executive director of the Company amounted to RMB720,000 (2011: Nil).

## 9. RETIREMENT BENEFITS AND ACCOMMODATION

### *Retirement benefits*

As stipulated by PRC law and regulations, the Company participates in a defined contribution retirement plan. All local Chinese employees are entitled to an annual pension equal to a fixed proportion of the average basic salary amount within the geographical area of their last employment at their retirement date. The Company is required to make contributions to the Labour and Social Security Bureau of the Shanghai Government at a rate of 22.5% of the employees' salaries and wages of the previous year for local Chinese employees, limited to a ceiling amount of three times of the previous year's average basic salaries within the geographical area where the local Chinese employees are under employment with the Company. Since the detailed application standard for expatriate employees has not been published yet, no such contribution for expatriate employees has been accrued or paid by the end of 31 December 2012.

The Company has no obligation for the payment of pension benefits beyond the annual contributions to the Labour and Social Security Bureau of the Shanghai Government as set out above.

### *Accommodation benefits*

According to the relevant rules and regulations of the PRC, the Company and each of its local Chinese employees are required to make contributions which are in proportion to the salaries and wages of the employees to an accommodation fund administered by the Provident Fund Management Centre. There are no further obligations on the part of the Company except for these contributions to the accommodation fund. The accommodation benefits do not apply to expatriate employees.

# Notes to Financial Statements

31 December 2012

## 10. INCOME TAX

No provision for Hong Kong profits tax has been made as the Company had no assessable profits arising in Hong Kong during the years ended 31 December 2011 and 2012.

In accordance with the PRC Corporate Income Tax Law which was approved and became effective on 1 January 2008, the provision for Mainland China current income tax has been based on a statutory rate of 25% of the assessable profits of the Company for the year. However, the Company qualifies as a "High and New Technology Enterprise" and thus was granted a preferential rate of 15% from 1 January 2011 to 31 December 2013.

Major components of income tax are as follows:

	2012 RMB'000	2011 RMB'000
Provision for income tax in respect of profit for the year	—	—
Deferred tax credit	—	—
Income tax expense	—	—

A numerical reconciliation between income tax expense and profit before tax multiplied by the applicable tax rate is as follows:

	2012 RMB'000	2011 RMB'000
Profit before tax	<b>44,530</b>	51,139
Tax at the applicable tax rate of 15%	<b>6,679</b>	7,670
Tax effect of:		
– Expenses not deductible for tax purposes	<b>186</b>	138
– Temporary differences not recognised	<b>(13,897)</b>	(18,483)
– Tax loss not recognised	<b>7,032</b>	10,675
Income tax expense	—	—

# Notes to Financial Statements

31 December 2012

## 11. DIVIDENDS

The board of the directors does not recommend payment of dividend to the ordinary equity holders of the Company for the year ended 31 December 2012 (31 December 2011: Nil).

## 12. EARNINGS PER SHARE ATTRIBUTABLE TO ORDINARY EQUITY HOLDERS OF THE COMPANY

The basic earnings per share amount is calculated by dividing the profit for the year attributable to ordinary equity holders of the Company by the weighted average number of ordinary shares in issue during the year.

	2012	2011
Profit attributable to ordinary equity holders of the Company (RMB'000)	<b>44,530</b>	51,139
Weighted average number of ordinary shares in issue ('000)	<b>1,534,227</b>	1,534,227

No adjustment has been made to the basic earnings per share amounts presented for the years ended 31 December 2012 and 2011 in respect of a dilution as the Company had no potentially dilutive ordinary shares in issue during those years.

# Notes to Financial Statements

31 December 2012

## 13. PROPERTY, PLANT AND EQUIPMENT

	Buildings RMB'000	Plant and machinery RMB'000	Office equipment RMB'000	Motor vehicles RMB'000	Total RMB'000
<b>31 December 2012:</b>					
At 31 December 2011 and at 1 January 2012:					
Cost	157,103	3,786,901	77,106	3,194	4,024,304
Accumulated depreciation and impairment	54,701	3,548,553	70,951	3,148	3,677,353
<b>Net carrying amount</b>	<b>102,402</b>	<b>238,348</b>	<b>6,155</b>	<b>46</b>	<b>346,951</b>
<b>At 1 January 2012, net of accumulated depreciation and impairment</b>					
	102,402	238,348	6,155	46	346,951
Additions	19	60,043	2,373	492	62,927
Depreciation provided during the year	5,237	83,997	2,047	89	91,370
<b>At 31 December 2012, net of accumulated depreciation and impairment</b>	<b>97,184</b>	<b>214,394</b>	<b>6,481</b>	<b>449</b>	<b>318,508</b>
At 31 December 2012:					
Cost	157,122	3,825,226	79,416	3,419	4,065,183
Accumulated depreciation and impairment	59,938	3,610,832	72,935	2,970	3,746,675
<b>Net carrying amount</b>	<b>97,184</b>	<b>214,394</b>	<b>6,481</b>	<b>449</b>	<b>318,508</b>

# Notes to Financial Statements

31 December 2012

## 13. PROPERTY, PLANT AND EQUIPMENT *(continued)*

	Buildings RMB'000	Plant and machinery RMB'000	Office equipment RMB'000	Motor vehicles RMB'000	Total RMB'000
<b>31 December 2011:</b>					
At 31 December 2010 and at 1 January 2011:					
Cost	156,435	3,679,354	74,165	3,328	3,913,282
Accumulated depreciation and impairment	49,466	3,455,237	67,702	3,196	3,575,601
<b>Net carrying amount</b>	106,969	224,117	6,463	132	337,681
At 1 January 2011, net of accumulated depreciation and impairment	106,969	224,117	6,463	132	337,681
Additions	668	113,415	3,749	—	117,832
Depreciation provided during the year	5,235	99,184	4,057	86	108,562
<b>At 31 December 2011, net of accumulated depreciation and impairment</b>	102,402	238,348	6,155	46	346,951
At 31 December 2011:					
Cost	157,103	3,786,901	77,106	3,194	4,024,304
Accumulated depreciation and impairment	54,701	3,548,553	70,951	3,148	3,677,353
<b>Net carrying amount</b>	102,402	238,348	6,155	46	346,951

As at 31 December 2012, the Company has not obtained certificates of real estate ownership from the relevant PRC government authorities for certain buildings with a carrying amount of RMB18,146,000 (2011: RMB18,921,000). Until the certificates are received, the Company has no right to assign or pledge these buildings. The Company believes that it is entitled to lawfully and validly occupy and use the above-mentioned buildings, and therefore the aforesaid matters did not have any significant impact on the Company's financial position as at 31 December 2012.

# Notes to Financial Statements

31 December 2012

## 14. CONSTRUCTION IN PROGRESS

	2012	2011
	RMB'000	RMB'000
At beginning of year	30,291	26,161
Additions	51,522	114,774
Transferred to property, plant and equipment	(62,925)	(110,644)
At end of year	18,888	30,291

## 15. PREPAID LAND LEASE PAYMENTS

	2012	2011
	RMB'000	RMB'000
Carrying amount:		
At beginning of year	32,774	33,543
Amortisation for the year	(769)	(769)
At end of year	32,005	32,774
Current portion included in prepayments, deposits and other receivables	(770)	(769)
Non-current portion	31,235	32,005

The leaseheld land is located in Mainland China and is held under a long term lease of 50 years from 9 August 2004 to 9 August 2054.

# Notes to Financial Statements

31 December 2012

## 16. INTANGIBLE ASSETS

	2012 RMB'000	2011 RMB'000
<b>Cost:</b>		
At beginning of year	29,915	27,589
Addition	3,148	2,326
At end of year	33,063	29,915
<b>Accumulated amortisation:</b>		
At beginning of year	(22,705)	(20,621)
Amortisation for the year	(2,300)	(2,084)
At end of year	(25,005)	(22,705)
Net book value	8,058	7,210

The intangible assets are computer software.

## 17. INVENTORIES

	2012 RMB'000	2011 RMB'000
Raw materials	30,437	36,385
Spare parts and consumables	43,293	51,104
Work in progress	23,228	63,739
Finished goods	11,516	11,683
Total inventories at the lower of cost and net realisable value	108,474	162,911



# Notes to Financial Statements

31 December 2012

## 18. ACCOUNTS AND NOTE RECEIVABLES

	2012 RMB'000	2011 RMB'000
Accounts receivable	61,502	62,691
Note receivables	12,653	15,033
	<b>74,115</b>	77,724
Impairment	(491)	(594)
	<b>73,664</b>	77,130

The Company's trading terms with its customers are mainly on credit, except for new customers, where payment in advance is normally required. Credit terms granted by the Company to its customers generally range from 30 to 60 days. The Company seeks to maintain strict control over its outstanding receivables and has a credit control department to minimise credit risk. Overdue balances are reviewed regularly by senior management. Accounts and note receivables are non-interest-bearing.

An aged analysis of the accounts and note receivables as at the end of the reporting period, based on the invoice date and net of impairment, was as follows:

	2012 RMB'000	2011 RMB'000
Outstanding balances with ageing:		
Within 30 days	36,731	43,573
Between 31 and 90 days	32,676	21,310
Between 91 and 180 days	3,966	11,353
Between 181 and 365 days	291	807
Over 365 days	—	87
	<b>73,664</b>	77,130

# Notes to Financial Statements

31 December 2012

## 18. ACCOUNTS AND NOTE RECEIVABLES *(continued)*

The movements in the impairment for accounts receivable were as follows:

	2012 RMB'000	2011 RMB'000
At beginning of year	594	557
Impairment losses provided/(reversed)	(103)	37
At end of year	491	594

The analysis of accounts and note receivables that were not impaired at the end of the reporting period was as follows:

	Total RMB'000	Neither past due nor impaired RMB'000	Past due but not impaired			
			<60 days RMB'000	61-180 days RMB'000	181-365 days RMB'000	>365 days RMB'000
<b>31 December 2012</b>	<b>73,664</b>	<b>47,823</b>	<b>25,805</b>	<b>8</b>	<b>28</b>	—
31 December 2011	77,130	65,139	11,115	—	794	82

Receivables that were neither past due nor impaired relate to a large number of diversified customers for whom there was no recent history of default.

Receivables that were past due but not impaired relate to a number of independent customers that have a good track record with the Company. Based on past experience, the directors of the Company are of the opinion that no provision for impairment is necessary in respect of these balances as there has not been a significant change in the credit quality of those customers and that the balances are still considered fully recoverable. The Company does not hold any collateral or other credit enhancements over these balances.

# Notes to Financial Statements

31 December 2012

## 19. PREPAYMENTS, DEPOSITS AND OTHER RECEIVABLES

	2012 RMB'000	2011 RMB'000
Prepayments	5,723	4,555
Deposits	106	106
Input value-added tax	8,084	10,359
Sundry debtors	4,430	4,081
	<b>18,343</b>	19,101

## 20. BALANCES WITH RELATED PARTIES

The Company is under the significant influence of NXP B.V., which holds 27.47% of the equity interest of the Company. Therefore, the companies controlled by NXP B.V. were considered to be the Company's related parties during the year.

The amounts due from/to related companies, which are subsidiaries of NXP B.V., are unsecured and interest-free. All the balances with related companies arose from trade transactions in the ordinary course of business of the Company.

## 21. CASH AND CASH EQUIVALENTS

	2012 RMB'000	2011 RMB'000
Cash and bank balances	96,591	48,658
Non-pledged time deposits with original maturity of less than twelve months	317,483	322,921
	<b>414,074</b>	371,579

At the end of the reporting period, the cash and bank balances of the Company denominated in Renminbi ("RMB") amounted to RMB227,454,000 (2011: RMB214,407,000). The RMB is not freely convertible into other currencies, however, under Mainland China's Foreign Exchange Control Regulations and Administration of Settlement, Sale and Payment of Foreign Exchange Regulations, the Company is permitted to exchange RMB for other currencies through banks authorised to conduct foreign exchange business.

Cash at banks earns interest at floating rates based on daily bank deposit rates. Non-pledged short term time deposits with original maturity of less than twelve months are made for varying periods of between one day and twelve months depending on the immediate cash requirements of the Company, and earn interest at the respective short term time deposit rates. The bank balances and time deposits are deposited with creditworthy banks with no recent history of default.

# Notes to Financial Statements

31 December 2012

## 22. ACCOUNTS PAYABLE

An aged analysis of the accounts payable as at the end of the reporting period, based on the invoice date, was as follows:

	2012 RMB'000	2011 RMB'000
Outstanding balances with ageing:		
Within 30 days	57,327	119,064
Between 31 and 90 days	8,190	25,877
Between 91 and 180 days	5,456	3,516
Between 181 and 365 days	3,692	1,480
Over 365 days	1,155	2,952
	<b>75,820</b>	152,889

## 23. GOVERNMENT GRANTS

	2012 RMB'000	2011 RMB'000
At beginning of year	20,839	18,808
Received during the year	9,176	6,154
Recognised in the statement of comprehensive income	(11,703)	(4,123)
At end of year	<b>18,312</b>	20,839
Current	8,109	7,124
Non-current	<b>10,203</b>	13,715

Various grants have been received from the government to support the Company's operation. When the grant relates to an expense item, it is recognised as income over the periods necessary to match the grant on a systematic basis to the costs that it is intended to compensate. Where the grant relates to an asset, the fair value of the grant is recorded as deferred government grant and will be amortised over the useful life of the related assets once all attaching conditions are complied with.

# Notes to Financial Statements

31 December 2012

## 24. INTEREST-BEARING BANK BORROWINGS

	Effective interest rate (%)	2012 Maturity	RMB'000
<b>Unsecured bank borrowings repayable within one year</b>	<b>3.44</b>	<b>2013</b>	<b>18,857</b>

	Effective interest rate (%)	2011 Maturity	RMB'000
Unsecured bank borrowings repayable within one year	3.10~4.26	2012	50,407

The carrying amounts of the Company's current borrowings approximate to their fair values.

## 25. DEFERRED TAX

Deferred tax assets have not been recognised in respect of the following deductible temporary differences:

	2012 RMB'000	2011 RMB'000
Tax losses	<b>705,828</b>	790,324
Temporary differences due to impairment of plant and machinery	<b>59,516</b>	146,491
Temporary differences due to allowance for inventories	<b>41,328</b>	42,693
Temporary differences due to provision for accrual expense	<b>27,978</b>	31,560
Temporary differences due to allowance for accounts and note receivables	<b>491</b>	594
Depreciation difference of plant and machinery between IFRSs and PRC tax regulations	<b>2,153</b>	2,777
	<b>837,294</b>	1,014,439

The above tax losses are available for offsetting against future taxable profits of the Company before the expiry of the five year period. Deferred tax assets have not been recognised in respect of the above deductible temporary differences as it is not considered probable that sufficient taxable profits will be available against which the above items can be utilised.

# Notes to Financial Statements

31 December 2012

## 26. SHARE CAPITAL

		<b>31 December 2012</b>	31 December 2011	<b>31 December 2012</b>	31 December 2011
	Notes	<b>Number of shares '000</b>	Number of shares '000	<b>RMB'000</b>	RMB'000
Authorised		<b>1,534,227</b>	1,534,227	<b>1,534,227</b>	1,534,227
Issued and fully paid:					
Non-listed Foreign Shares	(a)	<b>12,643</b>	12,643	<b>12,643</b>	12,643
Domestic Shares	(b)	<b>390,250</b>	390,250	<b>390,250</b>	390,250
H-shares	(c)	<b>1,131,334</b>	1,131,334	<b>1,131,334</b>	1,131,334
Total		<b>1,534,227</b>	1,534,227	<b>1,534,227</b>	1,534,227

According to the relevant regulations of the PRC, Domestic Shares, Foreign Shares (whether in the form of H-shares or Non-listed Foreign Shares) and H-shares are ordinary shares in the Company's share capital. The holders of ordinary shares are entitled to receive dividends declared by the Company, and are entitled to voting rights without restriction.

### (a) *Non-listed Foreign Shares*

Although currently there are no applicable PRC laws or regulations governing the rights of Non-listed Foreign Shares, and the Company's Articles of Association contain no express provisions as to whether Non-listed Foreign Shares constitute a different class of shares from the H-shares, Jingtian & Gongcheng, the Company's legal advisor as to PRC law, has confirmed that the subsistence of Non-listed Foreign Shares do not contravene any PRC laws or regulations, and until new laws or regulations are introduced, the holders of Non-listed Foreign Shares shall be treated as being in the same class as the holders of Domestic Shares and enjoy the same rights as the holders of Domestic Shares, plus the following rights:

- to request the Company to pay dividends in foreign currencies;
- to request the Company distribute its assets upon the winding-up of the Company in foreign currencies and remit them out of the PRC, subject to the applicable foreign exchange control regulations; and
- may resolve disputes with holders of Domestic Shares or H-shares by way of arbitration.

### (b) *Domestic Shares*

Domestic Shares may only be subscribed for by, and traded between, legal or natural persons of Mainland China and must be subscribed for and traded in RMB. The Domestic Shares held by Shanghai Chemical Industry Park Investment Enterprise Co., Ltd., Shanghai Belling Co., Ltd. and China Orient Asset Management Corporation are not admitted for listing on any stock exchange and no arrangement has been made for the Domestic Shares to be traded or dealt with on any other authorised trading facility in Mainland China.

# Notes to Financial Statements

31 December 2012

## 26. SHARE CAPITAL *(continued)*

### *(c) H-shares*

H-shares may only be subscribed for in Hong Kong dollars by, and traded between, legal or natural persons of Hong Kong, Macau, Taiwan or any country other than Mainland China.

## 27. RESERVES

### *(a) Capital reserve*

Capital reserve mainly consists of share premium less share issuance expenses in the Global Offering. On 7 April 2006, pursuant to the Global Offering, a share premium of RMB287,930,000 was created. Share issue expenses of RMB82,606,000 in relation to the Global Offering had been offset against the share premium.

### *(b) Statutory surplus reserve*

Following the re-registration of the Company as a foreign invested joint stock limited company, and in accordance with the Company Law of the PRC and the Articles of Association of the Company, the Company is required to allocate 10% of its profit after tax determined under PRC accounting standards to the statutory surplus reserve until such reserve reaches 50% of the authorised share capital of the Company. Subject to certain restrictions set out in the Company Law of the PRC, part of this reserve may be converted to increase the share capital, provided that the remaining balance after the capitalisation is not less than 25% of the authorised share capital.

### *(c) Retained earnings/accumulated losses*

The amount which the Company can legally distribute by way of a dividend is determined based on the lower of the Company's retained profits recorded in the financial statements prepared in accordance with the PRC accounting standards and IFRSs.

# Notes to Financial Statements

31 December 2012

## 28. COMMITMENTS

The Company had the following capital commitments at the end of the reporting period:

	2012 RMB'000	2011 RMB'000
Capital commitments in respect of property, plant and equipment:		
– contracted, but not provided for	69,800	12,949
– authorised, but not contracted for	98,047	148,391
	<b>167,847</b>	161,340

## 29. RELATED PARTY TRANSACTIONS

As set out in note 20 to the financial statements, the companies controlled by NXP B.V. are considered to be related to the Company.

The Company had the following material transactions with the companies controlled by NXP B.V. during the year:

	Notes	2012 RMB'000	2011 RMB'000
Sales	(i)	205,420	197,169
Technology transfer fees	(ii)	8,989	8,831

Notes:

- (i) Sales to the related companies were carried out at terms equivalent to those that prevail in arm's length transactions.
- (ii) Royalties in the form of technology transfer fees (including identification licensing fees) paid/payable to a related company were determined at 3% or 10% of the net sales of certain specified products sold by agreement of the parties.

In the opinion of the directors, all transactions above were carried out in the ordinary course of business of the Company.

The above related party transactions set out in Notes (i) and (ii) also constitute continuing connected transactions as defined in Chapter 14A of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited (the "Listing Rules").



# Notes to Financial Statements

31 December 2012

## 30. FINANCIAL INSTRUMENTS BY CATEGORY

The carrying amounts of each of the categories of financial instruments as at the end of the reporting period were as follows:

### *Financial assets*

	Loans and receivables	
	2012	2011
	RMB'000	RMB'000
Accounts and note receivables	<b>73,664</b>	77,130
Financial assets included in prepayments, deposits and other receivables	<b>2,669</b>	2,326
Due from related companies	<b>19,307</b>	38,888
Cash and cash equivalents	<b>414,074</b>	371,579
	<b>509,714</b>	489,923

### *Financial liabilities*

	2012	2011
	RMB'000	RMB'000
Accounts payable	<b>75,820</b>	152,889
Financial liabilities included in other payables and accruals	<b>35,361</b>	38,699
Due to related companies	<b>4,348</b>	4,864
Interest-bearing bank borrowings	<b>18,857</b>	50,407
	<b>134,386</b>	246,859

## 31. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES

The Company's principal financial instruments comprised cash and cash equivalents and interest-bearing bank borrowings. The Company has various other financial assets and liabilities such as accounts and note receivables, other receivables, current accounts with related companies, accounts payable, as well as other payables. The particular recognition methods adopted are disclosed in the individual policy statements associated with each item.

The main risks arising from the Company's financial instruments are interest rate risk, foreign currency risk, credit risk and liquidity risk. The directors of the Company review and agree policies for managing each of the risks and they are summarised below:

### *Interest rate risk*

The Company's exposure to market risk for changes in interest rates relates primarily to its United States dollar interest-bearing bank borrowings.

The following table demonstrates the sensitivity to a reasonably possible change in United States dollar interest rates, with all other variables held constant, of the Company's profit before tax.

	Increase/ decrease in basis points	Effect on profit before tax RMB'000
<b>2012</b>		
US\$	+20	(55)
US\$	-15	41
<b>2011</b>		
US\$	+20	(132)
US\$	-15	99

# Notes to Financial Statements

31 December 2012

## 31. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES *(continued)*

### *Foreign currency risk*

The Company operates in the PRC and its principal activities are transacted in RMB, the functional currency of the Company. However, the Company has transactional currency exposures. This exposure mainly arises from sales in United States dollars and other currencies.

The Company's financial assets and liabilities are subject to foreign currency risk as a result of certain bank deposits, receivables, payables and loans denominated in United States dollars. Therefore, the fluctuations in the exchange rate of RMB against US\$ could affect the Company's results of operations. Whilst the Company did not engage in forward foreign exchange transactions or other hedging activities, it took steps to minimise its exposure to exchange risk by immediate sale of foreign currency balances.

The following table demonstrates the sensitivity to a reasonably possible change in the United States dollar exchange rate, with all other variables held constant, of the Company's profit before tax (due to changes in the fair value of monetary assets and liabilities).

	<b>Increase/ decrease in US\$ rate</b>	<b>Effect on profit before tax RMB'000</b>
<b>2012</b>	<b>+5%</b>	<b>7,706</b>
	<b>-5%</b>	<b>(7,706)</b>
2011	+5%	6,598
	-5%	(6,598)

# Notes to Financial Statements

31 December 2012

## 31. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES *(continued)*

### *Foreign currency risk (continued)*

The foreign currency profile of the financial assets and liabilities denominated in currencies other than the functional currency of the Company at the end of the reporting period was as follows:

	2012 RMB'000	2011 RMB'000
<b>Financial assets</b>		
Cash and cash equivalents:		
US\$	136,380	156,928
Others	240	243
	<b>136,620</b>	157,171
Accounts and note receivables:		
US\$	48,390	55,933
Due from related companies:		
US\$	19,307	38,888
<b>Financial liabilities</b>		
Interest-bearing bank borrowings:		
US\$	18,857	50,407
Accounts payable:		
US\$	30,115	66,372
Others	3,617	6,603
	<b>33,732</b>	72,975
Other payables and accruals:		
US\$	81	295
Others	413	436
	<b>494</b>	731
Due to related companies:		
US\$	310	275
	<b>310</b>	275

# Notes to Financial Statements

31 December 2012

## 31. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES *(continued)*

### *Credit risk*

The Company trades only with recognised and creditworthy third parties. It is the Company's policy that all customers who wish to trade on credit terms are subject to credit verification procedures. In addition, receivable balances are monitored on an ongoing basis and the Company's exposure to bad debts is not significant.

The credit risk of the Company's other financial assets, which comprise cash and cash equivalents, amounts due from related companies and other receivables, arises from default of the counterparty, with a maximum exposure equal to the carrying amounts of these instruments.

Since the Company trades only with recognised and creditworthy third parties, there is no requirement for collateral. The Company minimises its exposure to credit risk by only dealing with counterparties with acceptable credit ratings.

At the end of the reporting period, the Company had certain concentrations of credit risk as 24% (2011: 38%) and 58% (2011: 78%) of the Company's trade receivables were due from the Company's largest customer and the five largest customers, respectively.

Further quantitative data in respect of the Company's exposure to credit risk arising from accounts and note receivables are disclosed in note 18 to the financial statements.

The Company is exposed to concentration of credit risk on its cash and cash equivalents as approximately 43% (2011: 43%) of its cash and cash equivalents is deposited with one bank.

# Notes to Financial Statements

31 December 2012

## 31. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES (continued)

### Liquidity risk

The working capital requirements and cash flows of the Company have historically been and continue to be subject to quarterly and yearly fluctuations, depending on a number of factors including the level of sales, the collection of receivables and the servicing of financing obligations. If the Company is unable to manage fluctuations in cash flows, its business, operating results and financial condition may be materially adversely affected.

The Company monitors its risk of shortage of funds to ensure the ability of the Company to meet its liabilities as and when they fall due. The liquidity reserve of the Company comprises the bank borrowing facility and cash and cash equivalents (note 21) available as at each month end in meeting its liabilities. The Company maintained flexibility through cash generated from operating activities and credit facilities from banks which include unutilised revolving short term loan facilities of USD12,000,000, USD7,000,000, USD15,000,000 and RMB100,000,000 that will expire in February 2013, April 2013, November 2013 and November 2015, respectively.

The maturity profile of the Company's financial liabilities at the end of the reporting period was as follows:

	On demand RMB'000	Less than 3 months RMB'000	3 to 12 months RMB'000	Total RMB'000
<b>2012</b>				
Accounts payable	35,399	40,172	249	75,820
Other payables and accruals	35,361	—	—	35,361
Due to related companies	—	4,348	—	4,348
Interest-bearing bank borrowings	—	140	19,129	19,269
	<b>70,760</b>	<b>44,660</b>	<b>19,378</b>	<b>134,798</b>
<b>2011</b>				
Accounts payable	83,968	68,442	479	152,889
Other payables and accruals	38,699	—	—	38,699
Due to related companies	—	4,864	—	4,864
Interest-bearing bank borrowings	—	25,535	25,310	50,845
	122,667	98,841	25,789	247,297

# Notes to Financial Statements

31 December 2012

## 31. FINANCIAL RISK MANAGEMENT OBJECTIVES AND POLICIES *(continued)*

### *Capital management*

The primary objectives of the Company's capital management are to ensure that it maintains sufficient capital to support its continuing business and to maximise shareholders' value.

The Company manages its capital structure and makes adjustments to it in light of changes in economic conditions. No changes were made in the objectives, policies or processes for managing capital during the year ended 31 December 2012.

The Company monitors capital a using net debt to tangible net assets ratio which is the net debt divided by the tangible net assets. The Company's policy is to maintain the net debt over tangible net assets ratio of not more than one. Net debt includes interest-bearing bank borrowings less cash and cash equivalents. Tangible net assets include total equity plus reserves, less intangible assets. The net debt over tangible net assets ratio as at the end of the reporting period was as follows:

	2012 RMB'000	2011 RMB'000
Interest-bearing bank borrowings	18,857	50,407
Less: Cash and cash equivalents	(414,074)	(371,579)
Net debt	(395,217)	(321,172)
Tangible net assets	841,935	798,253
Net debt over tangible net assets ratio	(0.47)	(0.40)

### *Fair value*

Fair value estimates are made at a specific point in time and based on relevant market information and information about the financial instruments. These estimates are subjective in nature, involve uncertainties and matters of significant judgement and therefore cannot be determined with precision. Changes in assumptions could significantly affect the estimates.

The carrying amounts of the financial assets and liabilities of the Company at the end of the reporting period approximated to their fair values.

## 32. APPROVAL OF THE FINANCIAL STATEMENTS

The financial statements were approved and authorised for issue by the board of directors on 20 March 2013.