

SAMSUNG ELECTRONICS Co., Ltd. 2014 Business Report

For the year ended December 31, 2014

Note about forward-looking statements

Certain statements in the document, other than purely historical information, including estimates, projections, statements relating to our business plans, objectives and expected operating results, and the assumptions upon which those statements are based, are "forward-looking statements." Forward-looking statements are based on current expectations and assumptions that are subject to risks and uncertainties which may cause actual results to differ materially from the forward-looking statements. A detailed discussion of risks and uncertainties that could cause actual results and events to differ materially from such forward-looking statements is included in our financial reports available on our website. See, also,

[1] Note on Forward-Looking Statements.

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Certification

Letter of Certification

We, Oh-Hyun Kwon and Sang-Hoon Lee, respectively, as CEO and director of the company in charge of reporting, certify that we have reviewed the annual business report of Samsung Electronics Co., Ltd. for the year ended December 31, 2014.

To our knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary that would be misleading with respect to the period covered by this report.

To our knowledge, the financial statements, and other financial information included in the report, fairly present in all materials respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report.

We confirm that Samsung Electronics operates an Internal Accounting Management System, responsible for establishing and maintaining disclosure controls and procedures and internal controls over financial reporting, as defined in Article 2.2 and 2.3 of the External Audit Act. We have disclosed our most recent evaluation of internal controls over financial reporting to the Company's auditors and to the audit committee of the Company's board of directors.

Date: 2015. 4. 29

Oh-Hyun Kwon

(signature)

Vice Chairman and CEO, Samsung Electronics Co., Ltd.

Director responsible for reporting:

Sang-Hoon Lee

signatu

President and CF

Samsung Electronics Co., Ltd.

I. Corporate Overview

1. Overview

A. Legal, Commercial Name:

- Samsung Electronics Co., Ltd.

B. Date of Establishment:

- Samsung Electronics ("SEC" or "The Company") was established as Samsung Electronics Industry Co., Ltd. on January 13, 1969, and held an initial public offering on June 11, 1975.
- The Company changed its name from Samsung Electronics Industry Co., Ltd. to Samsung Electronics Co., Ltd. in accordance with the resolution of the Annual General Meeting of Shareholders on February 28, 1984.

C. Address, Phone Number, and English Language Website of the Corporate Headquarter

- Address: 129, Samsung-ro, Yeongtong-gu, Suwon, Gyeonggi-do, Korea

- Phone Number: 82-31-200-1114 - Website: http:// www.samsung.com/us

D. The Company is not subject to Article 2 of the Framework Act on Small and Medium Enterprises.

E. Core Businesses

- The Company independently manages three independent divisions (each a "**Division**"), CE (Consumer Electronics), IM (Information Technology & Mobile Communications), and DS (Device Solutions).

Products in each Division are presented below:

| Division | Products |
|----------|---|
| CE | TV, Monitor, Printer, Air Conditioner, Refrigerator, Washing Machine, Medical Devices, etc. |
| IM | HHP, Network System, Computer, Digital Camera, etc. |
| DS | DRAM, NAND Flash, Mobile AP, LCD panel, OLED panel, LED, etc. |

The Company is a global electronics company comprised of the headquarters in Korea and 158 subsidiaries across the world including nine (9) regional headquarters for the CE and IM Divisions and five (5) regional headquarters for the DS Division.

[CE Division]

The CE Division is leading the global digital era by continuously offering new products with innovative technology, unique design, and value.

TV is the core product of CE. The Company has maintained its market leadership position for the past nine (9) consecutive years through competitive advantage in hardware products such as LCD and LED TV as well as software driven product features within our Smart TV product portfolio.

[IM Division]

The IM Division is leading mobile lifestyle innovation with consumer-friendly products such as the premium 'GALAXY' branded series of smartphones and tablets, while driving the paradigm shift in the market beyond mobile convergence to focus on software.

The IM Division is focused on meeting market demands by enhancing mobile product differentiation through integration of key features from various product categories.

In addition to handheld phone ("HHP") products including smartphones, the IM Division is also leading technological development and standardization in the global networks system market including Long Term Evolution ("LTE").

[DS Division]

The DS Division is comprised of the semiconductor sub-division and the display panel business. The semiconductor sub-division ("Semiconductor Sub-Division") is further divided into the memory business and system LSI business. The Company's memory business unit ("Memory" or "Memory Business Unit") manufactures and sells DRAM and NAND products. The Company's system LSI business unit ("System LSI") manufactures mobile application processors ("Mobile APs" or "APs") and various sensors including CMOS imaging sensors ("CIS"). The display business ("DP Business Unit") manufactures and sells display panels ("DP"), including TFT-LCD and OLED.

The Memory Business Unit produces differentiated products and has maintained the number one position in the global memory market by applying advanced process technology. System LSI is leading the industry shift from PCs to mobile. The Company's DP Business Unit is leading the market with technological development and investment resulting in superior quality and cost competitiveness in TFT-LCDs and increasing applications of OLED panels in various IT products.

See 『II. Businesses Overview』, for more details about each Division.

F. Affiliates

The Company is an affiliate of the Samsung group as defined under Korea's Monopoly Regulation and Fair Trade Act ("Samsung Group").

As at December 31, 2014, Samsung Group had a total of sixty-nine (69) domestic affiliates, where five (5) new affiliates (Samsung Welstory, Seoul Lakeside CC, Samsung Card Customer Service, Shilla Stay, and Samoo Architects & Engineers) were included and eleven (11) affiliates (Samsung Corning Precision Materials, Samsung SNS, Global Tech, 365Homecare, Samsung Petrochemical, Cheil Industries, World Cyber Games, SMP, SKKU dormitory, Care Camp, Gacchinet) were excluded. Among the Samsung Group's sixty nine (69) domestic affiliates, eighteen (18) affiliates including Samsung Electronics are listed, and fifty-one (51) affiliates are unlisted.

[As of December 31, 2014]

| | No. of affiliates | Name of affiliates |
|----------|-------------------|---|
| Listed | 18 | Samsung C&T, Samsung Electronics, Samsung SDI, Samsung Techwin, SEMCO, Samsung Heavy Industries, Samsung Card, Samsung Life Insurance, Hotel Shilla, Samsung Fire & Marine Insurance, Samsung Securities, Samsung Fine Chemicals, Samsung Engineering, S1, Cheil Worldwide, Cheil Industries, Samsung SDS, CREDU |
| Unlisted | 51 | Samsung General Chemicals, Samsung Total Petrochemicals, Samsung Lions, SERI, STECO, Samsung Thales, SEMES, Samsung Electronics Sales, Samsung Electronics Service, Samsung Electronics Logitech, Hantok Chemicals, CVnet Corporation, Allat., SECUI, Open Tide Korea, Samsung Futures, Samsung Venture Investment Corporation, Samsung Asset Management, Saengbo, SD Flex, Samsung Claim Adjustment Service, Samsung Fire & Marine Insurance Service, Suwon Samsung Bluewings FC, S-Core, Human TSS, RAY, Songdo Land Mark City, S-1CRM, OpenHands, S-EnPol, Samsung Medison, Samsung Biologics, STM, Nuri Solution, Colombo Korea, Samsung Life Service, Miracom, SU Materials, Natural9, Samsung Display, Samsung Bioepis, Samsung Corning Advanced Glass, Daejung Offshore Wind Power Co., Ltd., Samsung SRA Asset Management, Samsung Welstory, Jeongahm Wind Power, Samsung SGL Carbon Composite Materials, Samsung Card Customer Service, Seoul Lakeside CC, Shilla Stay, Samoo Architects & Engineers |
| Total | 69 | |

^{**} The former Cheil Industries merged with Samsung SDI in July 2014, and Samsung Everland has been renamed as Cheil Industries.

See 『IX. Corporate Governance and Affiliates』 for more details about domestic and overseas affiliates.

G. Subsidiaries Subject to Consolidated Financial Statements

As of December 31, 2014, Samsung Electronics' consolidated subsidiaries totaled 158 with twelve (12) subsidiaries being newly included and seven (7) subsidiaries being excluded when compared to December 31, 2013. Below is the list of consolidated subsidiaries.

(Unit: KRW million)

| | | | | (Unit. | KRW million |
|--|--------------------------|---|---------------------------|----------------|---|
| Name of Subsidiaries | Date of Establishment | Major business | Dec 31, 2013 Assets | % ownership | Classified as major subsidiary (Y/N) |
| Samsung Electronics America Inc. | 1978.07 | Sale of electronic goods | 12,248,560 | Over 50% | Υ |
| Samsung Receivables Corporation | 1998.03 | Receivable management | 2,780,689 | Over 50% | Y |
| Samsung Semiconductor Inc. | 1983.07 | Sale of semiconductors and display panels | 7,346,339 | Over 50% | Y |
| Samsung Electronics Canada Inc. | 1980.07 | Sale of electronic goods | 522,775 | Over 50% | Υ |
| Samsung Research America, Inc (formerly Samsung Information Systems America Inc.) | 1988.10 | R&D | 184,101 | Over 50% | Y |
| Grandis, Inc. | 2002.06 | R&D | 108,037 | Over 50% | Y |
| Samsung International Inc. | 1983.10 | Production of TVs and monitors | 34,424 | Over 50% | N |
| Samsung Mexicana S.A. de C.V | 1988.03 | Production of electronic goods | 1,065,830 | Over 50% | Y |
| Samsung Telecommunications America LLC. | 1992.01 | Sale of telecom products | 4,735,432 | Over 50% | Y |
| Samsung Austin Semiconductor LLC. | 1996.02 | Production of semiconductors | 6,393,348 | Over 50% | Y |
| Samsung Electronics Mexico S.A. De C.V. | 1995.07 | Sale of electronic goods | 1,554,638 | Over 50% | Y |
| SEMES America Inc. | 1998.10 | Semiconductor equipment | 1,090 | Over 50% | N |
| Samsung Electronics Digital Appliance Mexico, SA de CV | 2012.12 | Production of electronic goods | 503,513 | Over 50% | Υ |
| Samsung Electronics Latinoamerica Miami, Inc. | 1995.05 | Sale of electronic goods | 259,165 | Over 50% | Υ |
| Nvelo, Inc. | 2010.05 | Software | 1,519 | Over 50% | N |
| Samsung Electronics Latinoamerica (Zona Libre) | 1989.04 | Sale of electronic goods | 375,274 | Over 50% | Y |
| Samsung Electronics Venezuela, C.A. | 2010.05 | Marketing and services | 8,928 | Over 50% | N |
| Samsung Electronica Colombia S.A. | 1997.03 | Sale of electronic goods | 327,320 | Over 50% | Y |
| Samsung Electronics Panama. S.A. | 2012.07 | Consulting | 3,549 | Over 50% | N |
| Samsung Electronica da Amazonia Ltda. | 1994.10 | Production and sale of electronic goods | 3,429,136 | Over 50% | Υ |
| Samsung Electronics Argentina S.A. | 1996.06 | Marketing and services | 49,454 | Over 50% | N |
| Samsung Electronics Chile Limitada | 2002.12 | Sale of electronic goods | 492,709 | Over 50% | Y |
| Samsung Electronics Peru S.A.C. | 2010.04 | Sale of electronic goods | 150,228 | Over 50% | Υ |
| Samsung Electronics (UK) Ltd. | 1995.07 | Sale of electronic goods | 1,393,507 | Over 50% | Y |
| Samsung Electronics(London) Ltd. | 1999.01 | Holding company | 7,647 | Over 50% | N |
| Samsung Electronics Holding GmbH | 1982.02 | Holding company | 886,338 | Over 50% | Y |
| Samsung Semiconductor Europe GmbH | 1987.12 | Sale of semiconductors and display panels | 1,016,296 | Over 50% | Υ |
| Samsung Electronics GmbH | 1984.12 | Sale of electronic goods | 1,214,277 | Over 50% | Y |
| Samsung Electronics Iberia, S.A. | 1989.01 | Sale of electronic goods | 783,438 | Over 50% | Y |
| Samsung Electronics France S.A.S | 1988.01 | Sale of electronic goods | 1,157,900 | Over 50% | Υ |

| Name of Subsidiaries | Date of Establishment | Major business | Dec 31, 2013 Assets | % ownership | Classified as major subsidiary (Y/N) |
|---|--------------------------|---|---------------------------|----------------|---|
| Samsung Electronics Hungarian Private Co. Ltd. | 1989.10 | Production and sale of electronic goods | 1,249,691 | Over 50% | Y |
| Samsung Electronics Czech and Slovak s.r.o. | 2010.01 | Sale of electronic goods | 170,011 | Over 50% | Y |
| Samsung Electronics Italia S.P.A. | 1991.04 | Sale of electronic goods | 1,004,423 | Over 50% | Y |
| Samsung Electronics Europe Logistics B.V. | 1991.05 | Logistics | 1,903,892 | Over 50% | Y |
| Samsung Electronics Benelux B.V. | 1995.07 | Sale of electronic goods | 1,290,124 | Over 50% | Y |
| Samsung Display Slovakia s.r.o. | 2007.03 | Display panel processing | 299,196 | Over 50% | Y |
| Samsung Electronics Romania LLC | 2007.09 | Sale of electronic goods | 144,702 | Over 50% | Y |
| Samsung Electronics Polska, SP.Zo.o | 1996.04 | Sale of electronic goods | 557,370 | Over 50% | Y |
| Samsung Electronics Portuguesa S.A. | 1982.09 | Sale of electronic goods | 132,631 | Over 50% | Y |
| Samsung Electronics Nordic Aktiebolag | 1992.03 | Sale of electronic goods | 533,252 | Over 50% | Y |
| Samsung Nanoradio Design Center | 2004.02 | R&D | 21,737 | Over 50% | N |
| Samsung Semiconductor Europe Ltd. | 1997.04 | Sale of semiconductors and display panels | 98,884 | Over 50% | Y |
| Samsung Electronics Austria GmbH | 2002.01 | Sale of electronic goods | 323,756 | Over 50% | Y |
| Samsung Electronics Slovakia s.r.o | 2002.06 | Production of TVs and monitors | 1,764,078 | Over 50% | Y |
| Samsung Electronics European Holding Cooperatief U.A. | 2008.10 | Holding company | 5,780,302 | Over 50% | Y |
| Samsung Electronics Poland Manufacturing SP.Zo.o | 2010.02 | Production of home appliances | 373,469 | Over 50% | Y |
| Samsung Electronics Greece S.A. | 2010.04 | Sale of electronic goods | 108,514 | Over 50% | Y |
| Nanoradio Hellas AE | 2007.11 | R&D | 21,737 | Over 50% | N |
| Samsung Denmark Research Center ApS | 2012.09 | R&D | 22,520 | Over 50% | N |
| Samsung France Research Center SARL | 2012.10 | R&D | 22,406 | Over 50% | N |
| Samsung Cambridge Solution Centre Limited | 2012.09 | R&D | 132,919 | Over 50% | Y |
| Samsung Electronics Baltics SIA | 2001.10 | Sale of electronic goods | 44,495 | Over 50% | N |
| Samsung Electronics Overseas B.V. | 1997.01 | Sale of electronic goods | 173,644 | Over 50% | Y |
| Samsung Electronics Rus LLC | 1999.03 | Marketing | 12,392 | Over 50% | N |
| Samsung Electronics Rus Company LLC | 2006.10 | Sale of electronic goods | 1,410,054 | Over 50% | Y |
| Samsung Electronics Ukraine LLC | 2004.01 | Marketing | 79 | Over 50% | N |
| Samsung Electronics Ukraine Company LLC | 2008.09 | Sale of electronic goods | 189,644 | Over 50% | Y |
| Samsung R&D Institute Rus LLC | 2011.11 | R&D | 13,767 | Over 50% | N |
| Samsung Electronics Kazakhstan LLP | 2006.07 | Marketing | 964 | Over 50% | N |
| Samsung Electronics Central Eurasia LLP | 2008.09 | Sale of electronic goods | 161,062 | Over 50% | Y |
| Samsung Electronics Rus Kaluga LLC | 2007.07 | Production of TVs | 1,122,495 | Over 50% | Y |
| Samsung Russia Service Centre LLC | 1997.11 | Service | 41,567 | Over 50% | N |
| Samsung Electronics West Africa | 2010.03 | Marketing | 61,414 | Over 50% | N |
| Samsung Electronics East Africa | 2011.12 | Marketing | 26,006 | Over 50% | N |
| Samsung Gulf Electronics Co., Ltd. | 1995.05 | Sale of electronic goods | 1,071,694 | Over 50% | Υ |

| Name of Subsidiaries | Date of Establishment | Major business | Dec 31, 2013 Assets | % ownership | Classified as major subsidiary (Y/N) |
|--|--------------------------|---|---------------------------|----------------|---|
| Samsung Electronics Egypt S.A.E | 2012.07 | Production and sale of electronic goods | 251,866 | Over 50% | Y |
| Samsung Electronics Israel Ltd. | 2012.09 | Marketing | 3,150 | Over 50% | N |
| Samsung Electronics Tunisia S.A.R.L | 2012.09 | Marketing | 1,667 | Over 50% | N |
| Samsung Electronics Pakistan(Private) Ltd. | 2012.11 | Marketing | 1,814 | Over 50% | N |
| Samsung Electronics South Africa(Pty) Ltd. | 1994.06 | Sale of electronic goods | 787,562 | Over 50% | Y |
| Samsung Electronics Turkey | 1984.12 | Sale of electronic goods | 674,173 | Over 50% | Y |
| Samsung Semiconductor Israel R&D Center Ltd. | 2007.10 | R&D | 22,940 | Over 50% | N |
| Samsung Electronics Levant Co.,Ltd. | 2009.07 | Sale of electronic goods | 403,713 | Over 50% | Y |
| Samsung Electronics Morocco SARLAU | 2009.11 | Sale of electronic goods | 88,406 | Over 50% | Y |
| Samsung Japan Corporation | 1975.12 | Sale of electronic goods | 1,174,832 | Over 50% | Y |
| Samsung R&D Institute Japan Co. Ltd | 1992.08 | R&D | 181,723 | Over 50% | Y |
| Samsung Electronics Japan Co., Ltd. | 2008.09 | Sale of electronic goods | 712,050 | Over 50% | Y |
| Samsung Electronics Display (M) Sdn. Bhd. | 1995.03 | Production and sale of electronic goods | 814,820 | Over 50% | Y |
| Samsung Electronics (M) Sdn. Bhd. | 1989.09 | Production of home appliances | 277,354 | Over 50% | Y |
| Samsung Vina Electronics Co., Ltd. | 1995.01 | Production and sale of electronic goods | 175,780 | Over 50% | Y |
| Samsung Asia Private Ltd. | 2006.07 | Sale of electronic goods | 2,425,585 | Over 50% | Y |
| Samsung India Electronics Private Ltd. | 1995.08 | Production and sale of electronic goods | 1,924,832 | Over 50% | Y |
| Samsung R&D Institute India-Bangalore Private Ltd. | 2005.05 | R&D | 147,900 | Over 50% | Y |
| Samsung Electronics Australia Pty. Ltd. | 1987.11 | Sale of electronic goods | 578,624 | Over 50% | Y |
| PT Samsung Electronics Indonesia | 1991.08 | Production and sale of electronic goods | 647,199 | Over 50% | Y |
| PT Samsung Telecommunications Indonesia | 2003.03 | Sale of telecom systems and services | 15,944 | Over 50% | N |
| Thai Samsung Electronics Co., Ltd. | 1988.10 | Production and sale of electronic goods | 1,476,296 | Over 50% | Y |
| Samsung Electronics Philippines Corporation | 1996.03 | Sale of electronic goods | 127,203 | Over 50% | Y |
| Samsung Malaysia Electronics (SME) Sdn. Bhd. | 2003.05 | Sale of electronic goods | 814,104 | Over 50% | Y |
| Samsung R&D Institute BanglaDesh | 2010.08 | R&D | 6,662 | Over 50% | N |
| Samsung Electronics Vietnam Co., Ltd. | 2008.03 | Production of electronic goods | 5,625,759 | Over 50% | Y |
| Samsung Telecommunications Malaysia Sdn. Bhd. | 2009.08 | Sale of telecom systems and services | 11,593 | Over 50% | N |
| Samsung Display Dongguan Co., Ltd. | 2001.11 | Display panel production | 1,015,838 | Over 50% | Y |
| Samsung Display TianJin Co., Ltd. | 2004.06 | Display panel production | 650,311 | Over 50% | Y |
| Samsung Electronics Hong Kong Co., Ltd. | 1988.09 | Sale of electronic goods | 1,188,620 | Over 50% | Y |
| Suzhou Samsung Electronics Co., Ltd. | 1995.04 | Production of home appliances | 645,699 | Over 50% | Y |
| Samsung Suzhou Electronics Export Co., Ltd. | 1995.04 | Production of home appliances | 352,780 | Over 50% | Y |
| Samsung (CHINA) Investment Co., Ltd. | 1996.03 | Sale of electronic goods | 8,406,438 | Over 50% | Y |
| Samsung Mobile R&D Center, China-Guangzhou | 2010.01 | R&D | 38,323 | Over 50% | N |
| Samsung Tianjin Mobile Development Center | 2010.08 | R&D | 28,245 | Over 50% | N |

| Name of Subsidiaries | Date of Establishment | Major business | Dec 31, 2013 Assets | % ownership | Classified as major subsidiary (Y/N) |
|---|--------------------------|--|---------------------------|----------------|---|
| Samsung Electronics Suzhou Semiconductor Co., Ltd. | 1994.12 | Semiconductor processing | 660,374 | Over 50% | Y |
| Samsung Electronics (Shandong) Digital Printing Co., Ltd. | 1993.03 | Production of printers | 761,018 | Over 50% | Υ |
| Samsung Electronics Huizhou Co., Ltd. | 1992.12 | Production of electronic goods | 4,599,200 | Over 50% | Y |
| Tianjin Samsung Electronics Co., Ltd. | 1993.04 | Production of TV and monitors | 907,752 | Over 50% | Υ |
| Samsung Electronics Taiwan Co., Ltd. | 1994.11 | Sale of electronic goods | 1,390,404 | Over 50% | Υ |
| Beijing Samsung Telecom R&D Center | 2000.09 | R&D | 44,780 | Over 50% | N |
| Tianjin Samsung Telecom Technology Co., Ltd. | 2001.03 | Production of telecom products | 2,939,027 | Over 50% | Υ |
| Shanghai Samsung Semiconductor Co., Ltd. | 2001.10 | Sale of semiconductor and display panels | 1,310,109 | Over 50% | Υ |
| Samsung Electronics Suzhou Computer Co., Ltd. | 2002.09 | Production of electronic goods | 846,670 | Over 50% | Y |
| Samsung Display Suzhou Co., Ltd. | 2002.09 | Display panel processing | 554,424 | Over 50% | Υ |
| Samsung Suzhou LCD Co., Ltd | 2011.07 | Display panel production | 1,463,589 | Over 50% | Y |
| Shenzhen Samsung Electronics Telecommunication Co., Ltd. | 2002.02 | Sale of telecom products | 88,698 | Over 50% | Υ |
| Samsung Electronics Shanghai Telecommunication Co., Ltd. | 2001.11 | Sale of telecom and network products | 1,411 | Over 50% | N |
| Samsung Semiconductor (China) R&D Co., Ltd. | 2003.04 | R&D | 18,982 | Over 50% | N |
| Samsung Electronics China R&D Center | 2004.05 | R&D | 25,429 | Over 50% | N |
| Samsung (China) Semiconductor Co., Ltd. | 2012.09 | Semiconductor production | 3,752,682 | Over 50% | Υ |
| Samsung Electronics Hainan Fiberoptics Co., Ltd. | 2004.04 | Fiber optic and cable production | 111,367 | Over 50% | Υ |
| Samsung Electronics (Beijing) Service Company Ltd. | 2005.01 | Services | 140,868 | Over 50% | Y |
| Tianjin Samsung LED Co., Ltd. | 2009.05 | LED production | 457,896 | Over 50% | Y |
| Tianjin Samsung Opto-Electronics Co., Ltd. | 1994.02 | Camera/camcorder production | 241,957 | Over 50% | Y |
| Samsung Display | 2012.04 | Display panel sales and production | 35,754,894 | Over 50% | Y |
| SU Materials | 2011.08 | Display panel component production | 21,711 | Over 50% | N |
| STECO | 1995.06 | Semiconductor component production | 91,556 | Over 50% | Y |
| SEMES | 1993.01 | Semiconductor/FPD manufacturing equipment | 669,232 | Over 50% | Y |
| Samsung Electronics Service | 1998.10 | Electronics goods repair services | 335,588 | Over 50% | Y |
| Samsung Electronics Sales | 1996.07 | Sales of electronic goods | 564,361 | Over 50% | Υ |
| Samsung Electronics Logitech | 1998.04 | Total logistics services | 140,733 | Over 50% | Y |
| SVIC #6 Venture Capital Union | 2005.07 | Investment in venture firms and new technologies | 37,284 | Over 50% | N |
| SVIC #14 Venture Capital Union | 2009.05 | Investment in venture firms and new technologies | 55,465 | Over 50% | N |
| SVIC #20 Venture Capital Union | 2011.03 | Investment in venture firms and new technologies | 30,532 | Over 50% | N |
| SVIC #21 Venture Capital Union | 2011.11 | Investment in venture firms and new technologies | 61,384 | Over 50% | N |
| SVIC #22 Venture Capital Union | 2011.11 | Investment in venture firms and new technologies | 93,554 | Over 50% | Υ |
| SVIC #23 Venture Capital Union | 2012.10 | Investment in venture firms and new technologies | 10,746 | Over 50% | N |
| Hi Pioneer Private Securities Investment Trust 1 | 2011.08 | Investment in venture firms and new technologies | 19,189 | Over 50% | N |
| Samsung Medison | 1985.07 | Medical equipment | 309,321 | Over 50% | Y |

| Name of Subsidiaries | Date of Establishment | Major business | Dec 31, 2013 Assets | % ownership | Classified as major subsidiary (Y/N) |
|--|--------------------------|--|---------------------------|----------------|---|
| RAY | 2004.10 | Dental CT | 5,950 | Over 50% | N |
| SonoAce Deutschland GmbH | 2001.10 | Medical equipment | 322 | Over 50% | N |
| Samsung Medison Shanghai Medical Instrument Co., Ltd. | 1992.11 | Medical equipment | 10,692 | Over 50% | N |
| Samsung Medison India Private Ltd. | 2009.01 | Medical equipment | 96 | Over 50% | N |
| NexusDX Inc. | 2009.07 | Medical equipment | 15,214 | Over 50% | N |
| NeuroLogica Corp. | 2004.02 | Medical equipment | 187,297 | Over 50% | Υ |
| Samsung Electronics Vietnam THAINGUYEN Co., Ltd. | 2013.03 | Production of telecom products | 590,033 | Over 50% | Υ |
| Samsung Network R&D Center, China-Shenzhen | 2013.03 | R&D | 5,738 | Over 50% | N |
| Samsung Electronics Switzerland GmbH | 2013.05 | Sale of electronic goods | 115,759 | Over 50% | Υ |
| Samsung R&D Institute China-Xian | 2013.07 | R&D | 8,179 | Over 50% | N |
| SEMES (XIAN) Co., Ltd. | 2013.07 | Semiconductor equipment | 242 | Over 50% | N |
| Samsung Electronics New Zealand Limited | 2013.09 | Sale of electronic goods | 3,163 | Over 50% | N |
| RT SV CO-INVEST, LP | 2014.02 | Investment in venture firms | - | Over 50% | N |
| Samsung Display Bac Ninh | 2014.07 | Display panel production | - | Over 50% | N |
| Samsung Electronics South Africa Production (pty) Ltd. | 2014.07 | Production of TV and monitors | - | Over 50% | N |
| Quietside LLC | 2001.07 | Sale of Air-conditioner | 17,407 | Over 50% | N |
| SmartThings, Inc. | 2012.04 | Sale of smart-home devices | 12,775 | Over 50% | N |
| PrinterOn Inc. | 2000.04 | Sale of printing solutions | 4,545 | Over 50% | N |
| PrinterOn America Corporation | 1986.04 | Sale of printing solutions | 28 | Over 50% | N |
| PrinterOn Europe Limited | 2013.11 | Sale of printing solutions | - | Over 50% | N |
| SVIC #27 Venture Capital Union | 2014.09 | Investment in venture firms and new technologies | - | Over 50% | N |
| Samsung Electronics Caucasus Co., Ltd. | 2014.10 | Marketing | - | Over 50% | N |
| SVIC #26 Venture Capital Union * Companies with over KRW75 hillion in total assets as of Dece | 2014.11 | Investment in venture firms and new technologies | - | Over 50% | N |

^{*} Companies with over KRW75 billion in total assets as of December 31, 2013, are classified as major subsidiaries.

 $[\]begin{tabular}{ll} \divideontimes See $ \ ^{\mbox{\mathbb{F}}}$II. Businesses Overview $_{\mbox{$\mathbb{J}$}}$ for additional information about major business segments. \end{tabular}$

H. Credit Rating

The Company's credit rating is assessed by two external credit ratings agencies. As of December 31, 2014, the Company's credit ratings are: A1 and investment outlook is stable, as rated by Moody's; and A+ and investment outlook is stable, as rated by S&P.

| Date | Securities | Ratings | Credit Rating Agency | Rating Range | Note |
|--------|----------------|---------|----------------------|--------------|--------|
| '12.08 | Corporate bond | Α | S&P (USA) | (AAA ~ D) | |
| '12.08 | Corporate bond | A1 | Moody's (USA) | (Aaa ~ C) | |
| '13.08 | Corporate bond | A+ | S&P (USA) | (AAA ~ D) | Annual |
| '13.12 | Corporate bond | A1 | Moody's (USA) | (Aaa ~ C) | Review |
| '14.08 | Corporate bond | A+ | S&P (USA) | (AAA ~ D) | |
| '14.10 | Corporate bond | A1 | Moody's (USA) | (Aaa ~ C) | |

2. Company History

(The Information disclosed below outlines major changes to the Company such as asset transfers, M&A, and security offerings)

| 2010.01.01 | Transferred VSS business to Samsung Techwin |
|------------|--|
| 2010.04.01 | Merged with Samsung Digital Imaging |
| 2011.01.01 | Merged with Samsung Electronics Gwangju |
| 2011.02.16 | Acquired shares of Prosonic (100%) and Medison (43.5%) |
| 2011.04.19 | Signed a comprehensive partnership contract (including HDD business transfer) with Seagate |
| 2011.04.29 | Acquired additional shares of Medison (22.3%) |
| 2011.07.01 | Transferred solar cell business to Samsung SDI |
| 2011.07.22 | Acquired shares of Grandis (100%), an affiliate of subsidiary SISA |
| | (Samsung Information System America) |
| 2012.01.19 | Acquired remaining shares of S-LCD Corporation (50%) from SONY |
| 2012.04.01 | Separated LCD business (established Samsung Display) |
| 2012.04.01 | Merged with Samsung LED |
| 2012.04.10 | Corporate bond (\$1 billion) issued by SEA |
| 2012.07.01 | Samsung Mobile Display merged with S-LCD (a subsidiary of Samsung Display) |
| 2012.09.01 | Merged Prosonic with Samsung Medison |
| 2012.12.01 | Acquired SEHF Korea |
| 2013.01.01 | Merged SECRON with GES (a subsidiary of SEMES) |
| 2013.01.28 | Acquired shares of NeuroLogica (100%), a subsidiary of SEA |
| 2014.01.15 | Disposed of stocks of Samsung Corning Precision Materials, a subsidiary of Samsung Display |
| | Purchased convertible preferred stocks from Corning Incorporated |
| 2014.08.18 | Acquired shares of SmartThings (100%), a subsidiary of SEA |

(Changes in Subsidiaries)

| | AMER | Europe/ MEA/ CIS | Asia | China | Domestic | Total | Increase | Decrease |
|-----------------|------|------------------------|------|-------|----------|-------|--|--|
| Dec 31, 2009 | 17 | 39 | 20 | 25 | 15 | 116 | - | - |
| Dec 31, 2010 | 19 | 44 | 21 | 27 | 17 | 128 | [Americas: 2] Samsung Electronics Peru S.A.C., Samsung Electronics Venezuela, C.A. [Europe/MEA/CIS: 5] Samsung Electronics West Africa, Samsung Electronics Greece S.A., Samsung LCD Netherlands R&D Center B.V, Samsung LCD Netherlands R&D Center(UK) Limited, Samsung Opto-Electronics GmbH [Asia: 1] Samsung Electronics Bangladeshi Research Center [China: 4] Samsung Guangzhou Mobile R&D Center, Samsung Tianjin Mobile Development Center, Tianjin Samsung Opto- Electronics Co., Ltd., Samsung LCD Netherlands R&D Center(HK) Limited [Domestic: 2] RAY, GES | [China: 2] Tianjin Tongguang Samsung Electronics, Tianjin Samsung Electronics Display |
| Dec 31, 2011 | 26 | 51 | 25 | 30 | 24 | 156 | [Americas: 7] Samsung Medison Brasil Ltda., Samsung Medison America Inc., Grandis, Inc., Nexus DX Inc., HX Diagnostics, Inc., HX Reagents, Inc., Deltapoint Cardiac Diagnostics, Inc. [Europe/MEA/CIS: 7] SONOACE Deutschland GmbH, Samsung Medison France S.A.S., Samsung Medison Italia S.r.I., Samsung Medison Europe B.V., Samsung Moscow Research Centre, Samsung Electronics East Africa, Nanogen Recognomics GmbH [Asia: 4] Samsung Medison Japan Co., Ltd., Samsung Medison India Private Ltd., Medison Medical Systems India Private Ltd., TNP Small/Medium Size & Venture Enterprises Growth-Promotion Investment Limited Partnership(TSUNAMI) [China: 4] Samsung Medison Shanghai Medical Instrument Co., Ltd., Medison (Shanghai) Co., Ltd., Medison Medical Equipment Shanghai, Samsung Suzhou LCD Co., Ltd. [Domestic: 10] Prosonic, SVIC #20 Venture Capital Union, Samsung Medison, Medison Healthcare, CSL, Medison X-ray, SU Materials, Hi Pioneer Private Securities Investment Trust 1, SVIC #21 Venture Capital Union, SVIC #22 Venture Capital Union | [China: 1] Samsung Electronics Shenzhen Co., Ltd. [Domestic: 3] Samsung Electronics Gwangju, Medison X-ray, CSL |
| Dec 31, 2012 | 30 | 61 | 23 | 32 | 20 | 166 | [Domestic: 2] Samsung Display , SVIC #23 Venture Capital Union [Americas: 8] Samsung LED AMERICA, Inc.,mSpot Inc.,Nanoradio Inc., Samsung Electronics Panama. S.A, Samsung Electronics Corportativo SA de CV, Samsung Electronics Digital Appliance Mexico SA de CV, Nvelo Inc., Newton Sub. Corp. [Europe/MEA/CIS: 11] Samsung LED Europe GmbH, Samsung Nanoradio Design Center, Nanoradio Hellas AE, General RF Modules AB, Samsung Cambridge Solution Centre Limited, Samsung Denmark Research Center ApS, Samsung Electronics Egypt S.A.E, Samsung Electronics Tunisia S.A.R.L, Samsung Electronics Israel, Samsung France Research Center SARL, Samsung Electronics Pakistan (Private) Ltd. [China: 2] Tianjin Samsung LED Co., Ltd., Samsung (China) Semiconductor Co., Ltd. | [Domestic: 6] Medison Healthcare, Samsung Mobile Display, S-LCD, SVIC #7 Venture Capital Union, Prosonic, SEHF-Korea [America: 4] Samsung LED AMERICA, Inc., HX Diagnostics, Inc., HX Reagents, Inc., Nanoradio Inc. [Europe/MEA/CIS: 1] Samsung LED Europe GmbH, [Asia: 2] Samsung Asia Private Ltd., Samsung Medison Japan Co., Ltd. |

| | | AMER | Europe/ MEA/ CIS | Asia | China | Domestic | Total | Increase | Decrease |
|-----|-----------------|------|------------------------|------|-------|----------|-------|---|---|
| | Dec 31, 2013 | 25 | 55 | 22 | 33 | 18 | 153 | [Americas: 2] NeuroLogica Corp., Intellectual Keystone Technology LLC. [Europe/MEA/CIS: 1] Samsung Electronics Switzerland GmbH [Asia: 2] Samsung Electronics Vietnam THAINGUYEN Co., Ltd., Samsung Electronics New Zealand Ltd. [China: 3] Samsung Network R&D Center China-Shenzhen, Samsung R&D Institute China-Xian, SEMES (XIAN) Co., Ltd. | [Domestic: 2] Secron, GES [Americas: 7] Newton Sub. Corp., mSpot, Inc., Deltapoint Cardiac Diagnostics, Inc., Samsung Medison America, Inc., Intellectual Keystone Technology LLC., Samsung Medison Brasil Ltda., Samsung Electronics Corporativo, SA de CV [Europe/MEA/CIS: 7] Samsung Telecoms (UK) Ltd., Samsung LCD Netherlands R&D Center B.V, Samsung LCD Netherlands R&D Center (UK) Limited, General RF Modules AB, Samsung Medison France S.A.S., Samsung Opto-Electronics GmbH, Samsung Medison Italia S.r.l. [Asia: 3] Samsung Electronic Philippines Manufacturing Corp., Batino Realty Corporation, TNP Small/Medium Size & Venture Enterprises Growth Promotion Investment Limited Partnership(TSUNAMI) [China: 2] Samsung LCD Netherlands R&D Center (HK)Limited, Medison (shanghai) Co., Ltd. |
| - 1 | Dec 31, 2014 | 30 | 56 | 22 | 32 | 18 | 158 | [Domestic : 2] SVIC #26 Venture Capital Union SVIC #27 Venture Capital Union [America: 6] RT SV CO-INVEST, LP, Quietside LLC, SmartThings, Inc., PrinterOn Inc., PrinterOn America Corporation, 1397011 Ontario Ltd. [Europe/MEA/CIS: 3] PrinterOn Europe Limited, Samsung Electronics South Africa Production(pty) Ltd., Samsung Electronics Caucasus Co., Ltd. [Asia: 1] Samsung Display Bac Ninh | Samsung Medison Europe B.V Nanogen Recognomics GmbH [Asia: 1] |

^{*} AMER = America; MEA = Middle East and Africa, CIS = Commonwealth of Independent States

(Important Changes in Management Executives)

Following the annual general meeting of shareholders on March 16, 2012, of the three Executive Directors with expired terms (Gee-Sung Choi, Yoon-Woo Lee, Ju-Hwa Yoon), Yoon-Woo Lee retired and Gee-Sung Choi and Ju-Hwa Yoon were re-appointed. Oh-Hyun Kwon was newly appointed as Executive Director. In addition, of the three Independent Directors with expired terms (Dong-Min Yoon, Jae-Woong Lee, Oh-Soo Park), Jae-Woong Lee and Oh-Soo Park retired and Dong-Min Yoon was re-appointed. Han-Joong Kim and Byeong-Gi Lee were newly appointed as Independent Directors.

On June 8, 2012, Oh-Hyun Kwon succeeded Gee-Sung Choi as CEO.

On February 7, 2013, Independent Director Dong-Min Yoon retired (deceased).

On March 14, 2013, Executive Directors Gee-Sung Choi and Ju-Hwa Yoon resigned.

Following the shareholders' meeting on March 15, 2013, Boo-Keun Yoon, Jong-Kyun Shin, and Sang-Hoon Lee were newly appointed as Executive Directors. Independent Director In-Ho Lee was reappointed, and Kwang-Soo Song and Eun-Mee Kim were newly appointed as Independent Directors.

On March 15, 2013, the Company appointed Executive Directors Boo-Keun Yoon and Jong-Kyun Shin as CEOs to serve alongside incumbent CEO Oh-Hyun Kwon as co-CEOs.

On March 13, 2015, Executive Director Oh-Hyun Kwon and Independent Directors Han-Joong Kim and Byeong-Gi Lee were reappointed at the annual general meeting of shareholders.

As of March 31, 2015, (the "Reporting Date"), the Company's BOD is comprised of four Executive Directors (Oh-Hyun Kwon, Boo-Keun Yoon, Jong-Kyun Shin, Sang-Hoon Lee) and five Independent Directors (In-Ho Lee, Han-Joong Kim, Byeong-Gi Lee, Kwang-Soo Song and Eun-Mee Kim).

(Changes in Organizational Structure)

In December 2012, following an organizational change, CE and IM businesses were upgraded to individual Division status, and the IT Solution business was divided into Printing Solution and Computer businesses. The Printing Solution business was incorporated into the CE Division and the Computer business was integrated into the Mobile business under the IM Division. The Medical Device business team was upgraded to a business unit within the CE Division.

In December 2013, the Digital Imaging business was changed to a team unit, and then was integrated with the Mobile business. No further changes have been made as of year-end 2014.

[As of December 2012]

| | Before | After | |
|-----------------------|---|---|--|
| | DMC Division (CE: Visual display, Digital appliances) | CE Division (Visual display, Digital appliances, Printing solution, Medical devices) | |
| Business organization | (IM: Mobile, IT solution, Network, Digital imaging) | IM Division (Mobile, Network, Digital imaging) | |
| | DS Division (Memory, SYS.LSI, LCD,LED) | DS Division (Memory, SYS.LSI, DP, LED) | |
| Regional | Korea, North America, Latin America, Europe, CIS, Southwest Asia, Southeast Asia, China, Middle East, Africa | Korea, North America, Latin America, Europe, CIS, Southwest Asia, Southeast Asia, China, Middle East, Africa | |
| headquarters | Americas(DS), Europe(DS), China(DS), Southeast Asia(DS), Japan(DS) | Americas(DS), Europe(DS), China(DS), Southeast Asia(DS), Japan (DS) | |

[As of December 2013]

| | Before | After | |
|-----------------------|---|---|--|
| | CE Division (Visual display, Digital appliances, Printing solution, Medical devices) | CE Division (Visual display, Digital appliances, Printing solution, Medical devices) | |
| Business organization | IM Division (Mobile, Network, Digital imaging) | IM Division (Mobile, Network) | |
| | DS Division (Memory, SYS.LSI, DP, LED) | DS Division (Memory, SYS.LSI, DP, LED) | |
| Regional | Korea, North America, Latin America, Europe, CIS, Southwest Asia, Southeast Asia, China, Middle East, Africa | Korea, North America, Latin America, Europe, CIS, Southwest Asia, Southeast Asia, China, Middle East, Africa | |
| headquarters | Americas(DS), Europe(DS), China(DS), Southeast Asia(DS), Japan(DS) | Americas(DS), Europe(DS), China(DS), Southeast Asia(DS), Japan (DS) | |

3. Changes in Paid-in Capital

No changes were reported during the past five (5) consecutive years.

4. Stock Information

A. Total Number of Shares

The total number of authorized shares according to the articles of incorporation is 500,000,000 (par value per share: KRW 5,000). As of December 31, 2014, the Company has issued 147,299,337 shares of registered common stock and 22,833,427 shares of registered preferred stock without voting rights (excluding canceled shares). The Company has canceled 8,310,000 shares of common stock and 1,060,000 shares of preferred stock. As of December 31, 2014, the number of floating common stock is 130,204,596 shares and the number of floating preferred stock is 19,722,484 shares, excluding treasury shares (of 17,094,741 shares of common stock and 3,110,943 shares of preferred stock).

[As of December 31, 2014]

(Unit: shares)

| Classification | | Note | | |
|---|-------------|-------------|-------------|---------------------------------|
| Classification | Common | Preferred | Total | Note |
| I. Number of authorized shares | 400,000,000 | 100,000,000 | 500,000,000 | - |
| II. Number of shares issued | 155,609,337 | 23,893,427 | 179,502,764 | - |
| III. Number of shares decreased | 8,310,000 | 1,060,000 | 9,370,000 | - |
| 1. Capital Reduction | - | 1 | - | - |
| 2. Number of shares canceled | 8,310,000 | 1,060,000 | 9,370,000 | Cancellation of treasury shares |
| 3. Redemption of redeemable shares | 1 | 1 | • | - |
| 4. Others | • | 1 | - | - |
| IV. Number of outstanding shares (II-III) | 147,299,337 | 22,833,427 | 170,132,764 | - |
| V. Treasury shares | 17,094,741 | 3,110,943 | 20,205,684 | - |
| VI. Number of floating shares (IV-V) | 130,204,596 | 19,722,484 | 149,927,080 | - |

^{*} Shares of the Company's common stock carry voting rights but preferred stock do not carry voting rights.

B. Treasury Shares

In 2014, Samsung Electronics distributed 47,530 shares of common stock in connection with the exercise of previously granted stock options by current and former management and employees. The Company acquired 758,055 shares of common stock and 131,250 shares of preferred stock for its treasury to enhance shareholder value by stabilizing the price of its shares. As of December 31, 2014, the Company holds 17,094,741 shares of common stock and 3,110,943 shares of preferred stock as treasury shares.

[As of December 31, 2014]

(Unit: Shares)

| A constability on an able of | Share | Period- | Change | | | Period-end | |
|---|-----------|---------------------|-----------------|-----------------|---------------------|------------|--|
| Acquisition method | type | beginning shares | Acquisition (+) | Disposal (-) | Cancellation (-) | shares | |
| Intra-market direct acquisition | Common | 16,384,216 | 758,055 | 47,530 | - | 17,094,741 | |
| (Within dividend related capital gains limit) | Preferred | 2,979,693 | 131,250 | - | - | 3,110,943 | |
| Total | Common | 16,384,216 | 758,055 | 47,530 | - | 17,094,741 | |
| IUlai | Preferred | 2,979,693 | 131,250 | - | - | 3,110,943 | |

C. Types of Registered Stock

The Company has two types of registered equity securities: 1) common stock; 2) non-voting and non-cumulative preferred stock.

The shareholders of preferred stock are entitled to dividend payments of an additional 1% of par value compared to shareholders of common stock. As of December 31, 2014, the total number of outstanding preferred stock is 22,833,427 shares.

5. Voting Shares

Samsung Electronics has 147,299,337 shares of common stock outstanding, which represents 29.5% of the total number of authorized shares of 500 million (500,000,000). There are 22,833,427 shares of preferred stock outstanding (with no voting rights). The Company holds 17,094,741 shares of common stock (with no voting rights) in its treasury, and 12,506,577 shares of common stock are held by the Company's affiliates and have limited voting rights under applicable laws. Thus, the total number of shares with voting rights is 117,698,019.

[As of December 31, 2014]

(Unit: Shares)

| Classification | | Number of shares | Note |
|---|-----------|---------------------|---|
| Number of outstanding shares (A) | Common | 147,299,337 | - |
| Number of outstanding shares (A) | Preferred | 22,833,427 | - |
| Shares with no voting rights (B) | Common | 17,094,741 | Treasury stock according to Korean Commercial Act |
| Shares with no voting rights according to Articles of Incorporation (C) | Preferred | 22,833,427 | 3,110,943 shares of preferred treasury stock included |
| Shares with limited voting rights under | Common | 12,479,184 | Restricted by the Monopoly Regulation and Fair Trade Act: 10,622,814 shares held by Samsung Life Insurance & 1,856,370 shares held by Samsung Fire & Marine Insurance |
| relevant laws (D) | Common | 27,393 | Restricted by the Insurance Business Act: Shares held by Samsung Life Insurance in certain special accounts |
| Shares with voting rights | Common | 117,698,019 | - |
| (F = A - B - C - D) | Preferred | - | - |

^{**} Pursuant to Korea's Monopoly Regulation and Fair Trade Act, shareholders with limited voting rights (D) can exercise certain rights in accordance with related laws, including the right to vote on agendas such as the appointment or dismissal of directors and revisions to the Articles of Incorporation.

6. Shareholder Return

As a part of the Company's shareholder return policy, a part of the profits have been returned to shareholders by way of dividends and shareholder value has been increased through open market purchases of floating shares (share repurchase). The Company carefully considers strategic investments for sustainable growth, business performance, and cash flows in determining the level of total shareholder return.

Dividends paid in the most recent three (3) fiscal years are as follows:

(Unit: Shares / %)

| Classification | | 2014 | 2013 | 2012 |
|------------------------------------|------------------------------------|------------|------------|------------|
| Par value per share (won) | | 5,000 | 5,000 | 5,000 |
| Net profit (million won) | | 23,082,499 | 29,821,215 | 23,185,375 |
| EPS (won) | | 153,105 | 197,841 | 154,020 |
| Total cash dividend (million won) | | 2,999,972 | 2,156,969 | 1,206,562 |
| Total stock dividend (million won) | Total stock dividend (million won) | | | - |
| Dividend payout ratio (%) | Dividend payout ratio (%) | | 7.2 | 5.2 |
| | Common | 1.5 | 1.0 | 0.5 |
| Cash dividend yield (%) | Preferred | 1.9 | 1.4 | 1.0 |
| Charle dividend viold (0/) | Common | - | - | - |
| Stock dividend yield (%) | Preferred | - | - | - |
| Cook dividend non-share (cook) | Common | 20,000 | 14,300 | 8,000 |
| Cash dividend per share (won) | Preferred | 20,050 | 14,350 | 8,050 |
| Charle dividend non chara (abazza) | Common | - | - | - |
| Stock dividend per share (share) | Preferred | - | - | - |

^{* 2014} interim dividend declared was KRW 75,408 million (KRW 500 per share).

^{*} EPS denotes basic earnings per common share.

X For further information relating to the calculation of basic EPS, see Earnings Per Share in 『3. Note to Consolidated Financial Statements』 in 『Ⅲ. Financial Affairs』.

II. Businesses Overview

1. Overview

A. Business Overview by Division

In addition to our headquarters in Korea, Samsung Electronics is comprised of 158 subsidiaries across the world responsible for sales and production. Also, there are nine (9) regional headquarters for Consumer Electronics ("CE") and Information Technology & Mobile Communications ("IM") Divisions and five (5) regional headquarters for Device Solutions ("DS") Division.

The Company's business Divisions are organized in a two-pronged business framework of set (brand products) and component businesses. The set business is comprised of CE and IM Divisions, and the component business is comprised of DS Division. The CE Division is responsible for the production and sales of TVs, monitors, printers, air conditioners and refrigerators, and the IM Division focuses on the production and sales of handheld phones (HHPs) (such as feature phones and smartphones), network systems, and computers. The DS Division is comprised of the Semiconductor business which manufactures and sells DRAM, NAND and Mobile AP, etc. and the Display Panel ("DP Business Unit") business which manufactures and sells TFT-LCD and OLED panels for TVs, monitors, notebook PCs, and mobile devices.

<Major Products by Business Division>

| Business Division | | Major Products | | |
|-------------------|----------------------------------|---|--|--|
| CE Division | | TV, Monitor, Printer, Air Conditioner, Refrigerator, Washing Machine, Medical Devices, etc. | | |
| | IM Division | HHP, Network System, Computer, Digital Camera, etc. | | |
| DS | Semiconductor (Sub- Division) | DRAM, NAND Flash, Mobile AP, etc. | | |
| Division | DP Business Unit | TFT-LCD, OLED, etc. | | |

The Company maintains its corporate headquarter and eighteen (18) consolidated domestic subsidiaries in Korea.

The Company's corporate headquarters in Korea is divided along Divisions and/or businesses, and are situated at the following 5 locations: Suwon (CE Division and R&D Center); Gumi (IM Division); Giheung and Hwasung (Semiconductor business); and Gwangju (Home Appliance business). The Company's consolidated domestic subsidiaries include Samsung Display for display panel production, Samsung Electronics Sales for domestic retail sales, Samsung Electronics Service for after service care, and Samsung Electronics Logitech for logistics.

We have 140 overseas subsidiaries for product manufacturing, sales, and R&D.

In the Americas, we have 30 subsidiaries responsible for product manufacturing and sales including SEA (New Jersey, United States) which is responsible for sales of products such as TVs, HHPs and other communication products in the US, SAMEX (Tijuana, Mexico) responsible for manufacturing TVs, and SAS (Austin, United States) responsible for manufacturing semiconductor products.

In Europe, we operate 32 subsidiaries including SEUK (UK), SEF (France), SEG (Germany), and SEI (Italy). SESK (Slovakia) and SEH (Hungary) are responsible for manufacturing TVs, and SEPM (Poland) is responsible for manufacturing home appliances.

In Asia, we have 22 overseas subsidiaries, including SAPL (Singapore), SEAU (Australia), SEPCO (Philippines), and SME (Malaysia), which are responsible for regional sales. In addition, we operate numerous production sites including SEV (Vietnam) for HHPs, SDMA (Malaysia) for TVs, and SIEL (India) for both TVs and HHPs.

We operate 32 subsidiaries in China, including regional sales operations in Beijing (SCIC) and Hong Kong (SEHK). We also operate production and processing facilities sites in Tianjin and Suzhou (TSTC, SSEC, and SESS). In addition, we have 24 production and sales subsidiaries across Africa, the Middle East and the CIS regions.

[CE Division]

Industry Overview

Since the development of black-and-white TVs in 1926 and subsequent mass production of Color TVs, technological development has led to products such as the Trinitron CRT (1967) and the flat CRT (1996). As the penetration rate in major countries reached over 90%, the CRT TV business became stagnant. The industry regained strong growth momentum following the launch of Flat Panel TVs (LCD, PDP) with the expansion of digital broadcasting (UK/US 1998~).

Flat panel TVs ("FP-TVs") replaced the CRT driven by enhanced product performance with respect to design, picture quality, etc., and a sharp decline in prices. In addition, 3D TVs were launched in 2010, and the rise of internet video services (OTT, OVER-THE-TOP) along with increased consumer interest in smart devices from 2011 to 2012 led to the birth of the Smart TV market. In 2013, OLED and UHD TVs with innovatively high resolution were launched and the TV market continues to evolve.

In 2014, Annual TV shipment is expected to reach 232.51 million units, an increase 3.3% from the previous year. LCD-TV (including LED-TV) shipment is expected to be around 223.36 million units with an increase of 7.5% year-over-year, while PDP-TV shipment is expected to decline by 45.6% to 5.6 million units from the previous year (Source: Dec '14 Display Search).

☐ Market Condition

The trend towards large-size and high-resolution screens is accelerating due to intensified competition between manufacturers. Accordingly, market share of major manufacturers with high-quality products and brand power is increasing. In addition, as consumer demand for high-resolution and slim design increases, LED TVs, with eco-friendly LED back light units ("BLU") which increases brightness and contrast as well as energy efficiency, has become the mainstream of the market.

The Company has focused on smart TV sales based on forecasts that consumers' desire to acquire internet information from TVs will increase. The Company led the smart TV market in 2011 by launching smart TVs with various smart hubbased Apps and implementing a premium category sales strategy. In 2012, the Company introduced a new market trend with the introduction of the Smart Interaction™ system based on voice and gesture commands for convenient interaction with devices. In 2013, the Company introduced a system that recommends TV programs based on the user's viewing history. In 2014, as competition among TV set makers accelerated in large-screen and high definition TVs, competitive products and strong brand power have become important factors in gaining and/or maintaining market share. Going forward, we expect this trend to continue in the global TV market, and with increasing customer demand for large-screen TVs with high definition, and expect that sales of ultra-high-definition ("UHD") TVs will continue to increase.

< Market Share of the CE Division's Main Product >

| Product | 2014 | 2013 | 2012 | |
|---------|-------|-------|-------|--|
| TV | 22.6% | 21.6% | 21.1% | |

^{*} Market share data is from research agency *Display Search* (Global market share in quantity).

□ Business Condition

We have maintained the top position in the Flat Panel TV market (in terms of market share) for nine consecutive years since 2006. In 2014, we introduced a variety of UHD TV products, offering differentiated benefits to our customers. Samsung UHD TVs, as the next step in the evolution of TVs, not only offers superior picture quality, but also supports upcoming UHD broadcasting standards through its Evolution Kit. Also, our Curved TV products, which offer a greater sense of depth and an immersive viewing experience, made our products unique and different. Thus, we were able to solidify our leadership in the premium TV market by expanding sales of UHD and Curved TVs.

We aim to maintain our leadership in the market in 2015 by focusing on new premium products such as SUHD TVs.

SUHD TVs, featuring our Nano Crystal technology, will offer superior picture quality in important material aspects including color, brightness, and contrast. Furthermore, most of our premium TV products, including SUHD TVs, will be offered as Smart TVs, and all our new Smart TV products will be equipped with: our own open-source platform, Tizen, to offer easy compatibility with other smart devices; fast and intuitive user interface for better user experience ("UX"); and customized contents and services.

[IM Division]

☐ Industry Overview

A mobile phone is one of the most ubiquitous electronics devices. As of year-end 2014, the global penetration rate was 74%. In 2015, it is expected to reach 77%. (Source: Dec '14 Strategy Analytics)

The mobile phone industry started with the first generation analogue phones in the early 1980s. It evolved to second generation digital, and to third generation mobile communication standards such as WCDMA with high-speed data transmission. Today, fourth generation mobile communication technology with ultra-high-speed data transmission is becoming commonplace in the market. In particular, the LTE market is spreading to all parts of the world, and LTE-Advanced with higher speeds has been commercialized in Korea since June 2013 through cooperation between the Company and mobile communication carriers. Recently, the mobile phone market is changing rapidly around not only smartphone and tablet but also new hybrid product categories such as Galaxy Note. This puts emphasis on not only existing hardware competitiveness but also on software competitiveness including Application and UX that enables users to access useful information more conveniently.

☐ Market Condition

In 2015, the HHP market is expected to reach 1.9 billion units with a growth of 5% from 1.8 billion in 2014. The smartphone market is expected to increase from 1.25 billion units in 2014 to 1.4 billion units in 2015 with a growth of 12% year over year.

The tablet market is expected to reach 290 million units (16% growth rate YoY) shipped in 2015 from 250 million units in 2014. (Source: Strategy Analytics – Mobile/Smartphone: Dec '14, Tablet: Nov.)

< Market share of the IM Division's Main Product >

| Product | 2014 | 2013 | 2012 | |
|---------|-------|-------|-------|--|
| HHP | 22.4% | 26.8% | 25.1% | |

^{*} Market share data is from research agency *Strategy Analytics* (Global market share in quantity).

□ Business Condition

The Company strengthened market leadership by maintaining its wide range of product lineup from premium to mass market models and by being at the forefront of new markets such as the LTE market. In particular, the Company has maintained its status as No.1 in terms of global smartphone market share, based on the success of flagship smartphones such as the Galaxy S series and Galaxy Note series.

Going forward, the Company will continue to solidify its market leadership in premium smartphones and tablets and create consumer demand with new products (such as Galaxy S, Gear VR, and Gear Circle) and advanced features (such as flexible displays). Furthermore, we will continue to strengthen the competitiveness of our strategic models to overcome unfavorable market conditions resulting from intensifying competition as more competitors enter the market with more products and lower prices. In addition, we will strive to become a company that consistently offers new value to customers by making strategic investments in mobile healthcare and B2B for future growth and by utilizing our R&D capacity that is the best in the industry.

[DS Division]

- Semiconductor

☐ Industry Overview

In general, semiconductor is divided into memory semiconductor that stores information and system LSI (non-memory semiconductor) that logically processes information including mental calculation and inference. Memory semiconductor is divided into RAM products that can read and write and ROM products that can only read. RAM is called volatile memory as the information is deleted when power is off. It is used for temporary loading and storage of application programs.

There are various types of system LSI products for various applications. CPU (Central Processing Unit) for PCs and servers is the biggest market. System LSI products are used in many product categories such as household electronics, telecommunications, network, and games. The Company supplies its system LSI semiconductor products for use in media players including digital TVs, DVDs, and MP3s. The company also manufactures CMOS image sensors ("CIS") for camera phones, Mobile APs for smartphones, and other customized system LSI semiconductor products.

The semiconductor industry is cyclical by nature, and imbalances between supply and demand frequently occur. Many manufacturers have not been able to maintain competitiveness during periods of global economic recession and oversupply, resulting in consolidation within the industry. Supply and demand volatility is expected to decrease as a result of increased demand for semiconductors in new smartphones, tablet PCs and servers.

□ Market Condition

Throughout 2014, PC DRAM prices remained strong amid stable supply and demand. In the fourth quarter of 2014, overall DRAM demand increased driven by new product launch, but supply did not increase due to difficulties in process migration. In the fourth quarter, while supply of PC DRAM increased, supply for high density server and mobile DRAM adapting advanced processes continued to be limited. NAND supply and demand condition has been improving since the second half of 2014 driven by an increase in NAND contents in new smartphones and adoption of solid state drives ("SSDs").

< Market share of the Semiconductor Business' Main Product >

| Product | 2014 | 2013 | 2012 | |
|---------|-------|-------|-------|--|
| DRAM | 40.9% | 37.2% | 42.1% | |

^{*} Market share data is from research agency IDC (Global market share in amount).

□ Business Condition

The Company was the first to develop and produce 20nm DRAM products and also secured technology and cost competitiveness ahead of competitors. In addition, the Company is solidifying its leadership position in the DRAM market by developing differentiated 20nm products and 10nm-class DRAM. For NAND, the Company is simultaneously developing and mass producing both planar and vertical NANDs, addressing customer demand in a timely manner. In particular, the Company is entering the premium market by adding vertical NAND, with technology that is one year ahead of competitors, to high-performance SSD. The Company is also expanding high-quality 3bit products to maximize cost competitiveness.

In 2015, the cloud server market and the mid-to-low end mobile markets are expected to grow. As such, the Company will expand differentiated products based on advanced processes and address each market segment with diverse product lineups to continue to lead the market as the No.1 memory maker.

-DP Business Unit

☐ Industry Overview

Display products include TFT-LCD (Thin Film Transistor Liquid Crystal Display) and OLED (Organic Light Emitting Diode) panels.

TFT-LCD panel is a liquid crystal based display that consumes less electricity and features a thinner profile, while maintaining high resolution. It has a wide range of potential applications in devices of all sizes and functionality. The market growth rate has slowed down recently due to a reduction of replace demand for CRT monitors and high market penetration of LCD TVs.

OLED panels use organic materials which offer sharp contrast and color, high color concordance, and fast response rates. Such differentiating features provide advantages in smartphone products, and as a result the market demand for under 10" small-to-medium size displays has increased. In addition, OLED has recently made a foray into the high-end TV market.

The TFT-LCD and OLED businesses have high barriers to entry as they are capital intensive and need large-scale production to realize economies of scale. These types of businesses are generally sensitive to business fluctuations. Therefore, even if demand increases continuously, supply and demand balance tends to change regularly due to competitive investment in facilities by producers. Also, production capacity can sharply increase as producers invest in facilities contemporaneously as they compete with one another to address demand increase ahead of the competition. As such, when production capacity sharply increases, the average selling price ("ASP") of panels may decrease. In contrast, when supply cannot meet increasing demand, ASP may increase.

□ Market Condition

In 2015, supply and demand of large-size panels is expected to be solid driven by the trend towards large-screen TVs and continued growth of UHD TVs. However, there may be excess supply due to an increase in industry capacity in the second half

For mobile devices, the product mix is expected to expand, particularly in the mid-range category. The trend toward higher resolution and larger size panels is expected to continue, while the demand for new product categories such as wearable devices is expected to increase.

< Market Share of the DP Business' Main Product >

| Product | 2014 | 2013 | 2012 | |
|---------------|-------|-------|-------|--|
| Display Panel | 20.9% | 20.4% | 25.4% | |

^{*} Market share data is from Display Search (Global market share, large-size panel in [units shipped]).

□ Business Condition

The Company is improving cost competitiveness through increasing production yields by developing advanced process technologies, developing high transmission panels, and internally producing core equipment. In addition, the Company continues to improve profitability through close collaboration with TV and smartphone manufacturers from R&D to production.

For its large-size panel business, the Company plans to improve profitability through increased cost competitiveness while meeting the demand for new premium products such as UHD TVs and Curved TVs.

For mobile, the Company plans to secure long-term growth momentum by expanding its customer base through enhanced cost competitiveness, and expansion of new product categories, including mid-range products and flexible ultra-high-resolution products.

B. Financial Summary by Division

(Unit: KRW million, %)

| | llulalar. | Classification | 2014 | | 2013 | | 2012 | |
|----|------------------------|------------------|-------------|---------|-------------|---------|-------------|---------|
| D | ivision | Classification | Amount | Portion | Amount | Portion | Amount | Portion |
| | | Total sales | 124,916,892 | 25.3% | 125,088,762 | 22.4% | 117,897,781 | 24.6% |
| | | Internal sales | 74,733,757 | 25.9% | 74,757,247 | 22.7% | 66,792,679 | 24.0% |
| | CE | Net sales | 50,183,135 | 24.3% | 50,331,515 | 22.0% | 51,105,102 | 25.4% |
| | | Operating profit | 1,184,325 | 4.7% | 1,673,343 | 4.5% | 2,324,036 | 8.0% |
| | | Total asset | 43,116,374 | 12.8% | 47,183,953 | 14.9% | 38,947,252 | 14.1% |
| | | Total sales | 236,438,979 | 47.9% | 299,161,654 | 53.6% | 224,920,171 | 46.9% |
| | | Internal sales | 124,674,435 | 43.3% | 160,344,435 | 48.7% | 119,075,488 | 42.8% |
| | IM | Net sales | 111,764,544 | 54.2% | 138,817,219 | 60.7% | 105,844,683 | 52.6% |
| | | Operating profit | 14,562,885 | 58.2% | 24,957,741 | 67.8% | 19,418,235 | 66.8% |
| | | Total asset | 94,227,108 | 27.9% | 86,132,881 | 27.1% | 68,743,115 | 24.9% |
| | | Total sales | 75,058,071 | 15.2% | 70,908,145 | 12.7% | 66,976,623 | 14.0% |
| | Semi- conductor | Internal sales | 35,328,169 | 12.3% | 33,471,566 | 10.2% | 32,090,017 | 11.5% |
| | | Net sales | 39,729,902 | 19.3% | 37,436,579 | 16.4% | 34,886,606 | 17.3% |
| | | Operating profit | 8,776,442 | 35.1% | 6,887,978 | 18.7% | 4,173,730 | 14.4% |
| | | Total asset | 87,567,196 | 25.9% | 76,224,096 | 24.0% | 67,136,914 | 24.4% |
| | | Total sales | 52,227,615 | 10.6% | 61,294,886 | 11.0% | 69,359,762 | 14.5% |
| | | Internal sales | 26,500,446 | 9.2% | 31,457,770 | 9.5% | 36,360,406 | 13.1% |
| DS | DP Business Unit | Net sales | 25,727,169 | 12.5% | 29,837,116 | 13.0% | 32,999,356 | 16.4% |
| | Offic | Operating profit | 660,181 | 2.6% | 2,980,563 | 8.1% | 3,214,750 | 11.1% |
| | | Total asset | 46,826,533 | 13.8% | 42,195,558 | 13.3% | 41,429,074 | 15.0% |
| | | Total sales | 131,459,756 | 26.6% | 134,394,781 | 24.1% | 136,724,256 | 28.5% |
| | | Internal sales | 65,669,950 | 22.8% | 66,633,875 | 20.2% | 68,436,962 | 24.6% |
| | Total | Net sales | 65,789,806 | 31.9% | 67,760,906 | 29.6% | 68,287,294 | 34.0% |
| | | Operating profit | 9,430,915 | 37.7% | 10,000,665 | 27.2% | 7,416,325 | 25.5% |
| | | Total asset | 160,138,321 | 47.4% | 145,872,686 | 45.9% | 130,371,546 | 47.3% |

Restated on 2014 basis (presented on a consolidated basis).
 Net sales reported here includes inter-divisional sales.

Cumulative Net sales for 2014 were KRW 206.206 trillion. By Division, CE reported KRW 50,183 billion (24.3%) and IM reported KRW 111,765 billion (54.2%). The DS Division contributed approximately 31.9% of net sales: KRW 39,730 billion (19.3%) by the Semiconductor Sub-Division and KRW 25,727 billion (12.5%) by the DP Business Unit.

Cumulative operating profit for 2014 was KRW 25.025 trillion. The IM Division accounted for 58.2% with KRW 14,563 billion and the DS Division accounted for 37.7% with KRW 9,431 billion.

☐ Reasonable Allocation of Common SG&A (Selling General & Administrative) Expenses and Assets

- (1) For common SG&A expenses, specific expenses that are allocable to specific product/model are allocated to such product/model. However, common expenses that cannot be attributed to a specific product/model category are reasonably allocated throughout the Company based on an allocation standard (expense-to-sales ratio, number of personnel, etc.).
- (2) For common assets, assets that can be directly allocated (inventory assets, fixed assets, investment assets, etc.) are allocated to the corresponding organizational unit. Assets that are commonly managed are allocated to each Division based on an allocation standard (expense-to-sales ratio, pre-tax profit, etc.).

2. Key Products and Services

A. Revenue

In 2014, the CE Division's revenue of KRW 50,183 billion accounted for 24.3% of the total net revenue; the IM Division accounted for 54.2% with KRW 111,765 billion; and the DS Division accounted for 31.9% with KRW 65,790 billion.

The Company's net revenue by Division as of year-end 2014 are as follows:

(Unit: KRW 100 million, %)

| Division Major Products | | Major Products | Net Revenue | Portion |
|-------------------------|------------------|---|-------------|---------|
| CE | | TV, monitor, printer, air conditioner, refrigerator, washing machine, medical equipment, etc. | 501,831 | 24.3% |
| IM | | HHP, network system, computer, digital camera, etc. | 1,117,645 | 54.2% |
| | Semiconductor | DRAM, NAND flash, Mobile AP, etc. | 397,299 | 19.3% |
| DS | DP Business Unit | TFT-LCD, OLED, etc. | 257,272 | 12.5% |
| | | Sub-Total | 657,898 | 31.9% |
| | Others | - | -215,314 | -10.4% |
| | | Total | 2,062,060 | 100.0% |

^{*} Includes sales between Divisions (on consolidated basis).

B. Average Selling Price (ASP) Changes

Throughout 2014, the ASP of TVs continued to decline from 2013. The ASP of HHPs declined slightly compared to 2013, while the ASP of memory products stabilized, declining only 14% from 2013, due to stable market demand and supply conditions. The downward momentum of the ASP of display panels continued, due to weak demand from China and developed markets.

3. Key Raw Materials

(On consolidated basis as of year-end 2014)

(Unit: KRW 100 million, %)

| Division | Туре | Item | Specific usage | Purchase price | Portion | Note (supplier) |
|----------|---------------|----------------------|-----------------------------|----------------|---------|--------------------------------------|
| | Raw materials | Display panel | Color picture signaler | 39,249 | 18.0% | CMI, AUO, etc. |
| CE | Raw material | Others | | 178,666 | 82.0% | |
| | | Division Total | | 217,915 | 100.0% | |
| | Raw material | Mobile display panel | Color picture signaler | 49,043 | 12.0% | Iljin Display, etc. |
| | Raw material | Baseband Chip | CPU | 48,375 | 11.8% | Qualcomm, etc. |
| IM | Raw material | Others | | 312,900 | 76.2% | |
| | | Division Total | | 410,318 | 100.0% | |
| | Raw material | Glass | Glass substrate for display | 18,392 | 9.2% | Corning Precision Materials, etc. |
| | Raw material | POL | Polarizer plate | 18,880 | 9.4% | Dongwoo Fine- Chem, NITTO, etc. |
| DS | Raw material | Window | Tempered glass | 12,435 | 6.2% | BIEL, etc. |
| 50 | Raw material | Others | | 150,272 | 75.2% | |
| | | Division Total | | 199,979 | 100.0% | |
| | | Others | | 444 | - | |
| | | Total | | 828,656 | - | |

For the CE Division, key raw materials include display panels for TVs and monitors and PDP modules. For the IM Division, key raw materials include display panels for mobile devices and baseband chips. For the DS Division, key raw materials include glass, polarizers ("POL") and wafers.

Large display panels for TVs and monitors are supplied by Cummins (CMI) and AU Optronics (AUO) (among others), mobile display panels are supplied by Iljin Display, and baseband chips are supplied by the System LSI business unit and Qualcomm. The Company manufactures display panels with glass and POLs supplied by Samsung Corning and Dongwoo Fine-Chem.

(Raw Materials Price Trends)

The price of TV and monitor display panels, which are the major raw materials for the CE Division, declined 11% on average since 2013 due to oversupply from increased capacity and improved productivity. For the IM Division, since 2013, the price of mobile display panels declined by 8%, and the price of baseband chips increased by 7%. For the DS Division, the price of raw materials continues to decrease. Also, since 2013, the price of semiconductor wafer has declined by 17% and the price of glass for display panels has declined by 16%.

4. Production and Facilities

A. Production Capacity, Output, Utilization Rate

(Capacity)

(Unit: 1,000)

| | _ | 2014 | 2013 | 2012 |
|------------|---------------|-------------|-------------|------------|
| Division | Item | Quantity | Quantity | Quantity |
| CE | TV | 62,990 | 53,102 | 53,375 |
| IM | HHP | 523,750 | 556,600 | 461,950 |
| D 0 | Memory | 173,506,000 | 116,909,000 | 80,159,000 |
| DS | Display Panel | 9,185 | 8,260 | 9,218 |

^{**} Global production capacity for major product categories

The CE and IM Divisions' production capacity, by major product, is calculated as follows:

The average number of lines (x) the average output per hour (x) the average operation hours per day (x) the days of operation

Memory production capacity for the DS Division is calculated as follows:

Converted output (1GB equivalent) - the utilization rate.

Display panel production capacity is calculated as follows:

The total producible panel surface area ÷ the dimensions of eighth generation glass (2200x2500mm)

(Output)

(Unit: 1,000)

| | | 2014 | 2013 | 2012 | |
|----------|---------------|-------------|-------------|------------|--|
| Division | Item | Quantity | Quantity | Quantity | |
| CE | TV | 55,066 | 47,527 | 48,357 | |
| IM | HHP | 439,520 | 499,480 | 416,632 | |
| D0 | Memory | 173,506,000 | 116,909,000 | 80,159,000 | |
| DS | Display Panel | 8,252 | 7,340 | 7,800 | |

[%] Global output for major product categories

In 2014, the CE Division's output of TVs was 55.066 million units (major production sites: Korea, China, Mexico, Brazil, and Hungary). The IM Division's output of HHPs was 439.520 million units (major production sites: Korea, China, Vietnam, and Brazil). The DS Division's memory output (1GB equivalent) was 173,506 million (major production sites: Korea and China). The DS Division's output of display panels was 8.252 million units (major production sites: Korea, China, and Slovakia).

(Utilization Rate)

(Unit: 1,000)

| Division | Item | 2014 Production capacity | 2014 Actual output | Utilization Rate |
|----------|------|-----------------------------|-----------------------|------------------|
| CE | TV | 62,990 | 55,066 | 87.4% |
| IM | HHP | 523,750 | 439,520 | 83.9% |

In 2014, CE and IM utilization rates were calculated as actual output relative to production capacity. TV is 87.4% and HHP is 83.9%.

(Unit: hours)

| Division | Item | 2014 Potential Production Time | 2014 Actual Production Time | Utilization Rate |
|----------|---------------|--------------------------------------|-----------------------------------|------------------|
| DC | Memory | 50,400 | 50,400 | 100.0% |
| DS | Display Panel | 87,600 | 85,384 | 97.5% |

The DS Division operates memory and display panel production in three shifts (24 hours a day). Cumulative operating days in 2014 including holidays were 365 days. The utilization rate was calculated as actual hours [365 days (x) number of production lines (x) 24 hours] relative to production capacity.

B. Production Facilities and Investment

(1) Key facilities for production and operation

The Company's operational activities include manufacturing, development, marketing, and sales in Korea – including operations in Seocho, Seoul, Suwon, Gumi, Giheung, Onyang, Gwangju – and 9 regional headquarters under the CE and IM Divisions and 5 under the DS Division in North America, Europe, and China.

[Operations]

| Region | Headquarters | Location | | |
|--|----------------|--|--|--|
| | Seocho | Seoul, Korea | | |
| | Suwon | Suwon, Korea | | |
| | Gumi1 | Gumi, Korea | | |
| | Gumi2 | Gumi, Korea | | |
| Korea | Giheung | Yongin, Korea | | |
| (10) | Onyang | Asan, Korea | | |
| | Hwaseong | Hwaseong, Korea | | |
| | Gwangju | Gwangju, Korea | | |
| | Cheonan | Cheonan, Korea | | |
| | Asan | Asan, Korea | | |
| | North America | New Jersey, US | | |
| | Europe | London, UK | | |
| | China | Beijing, China | | |
| Overseas | Southeast Asia | Singapore, Singapore | | |
| (9 Regional Headquarters for CE and IM Divisions) | Southwest Asia | New Delhi, India | | |
| CE and livi Divisions) | CIS | Moscow, Russia | | |
| | Middle East | Dubai, UAE | | |
| | Africa | Johannesburg, Republic of South Africa | | |
| | Latin America | Sao Paolo, Brazil | | |
| | Americas | San Jose, US | | |
| 0 | Europe | Eschborn, Germany | | |
| Overseas (5 Regional Headquarters for DS Division) | China | Shanghai, China | | |
| ט וואפוטוון פט | Southeast Asia | Singapore | | |
| | Japan | Tokyo, Japan | | |

The Company's property, plant and equipment include land, buildings and structures, machinery and equipment, and construction in progress. As of year-end 2014, their total book value is KRW 80,873 billion, which is an increase of KRW 5.377 trillion from year-end 2013. In 2014, new acquisitions of KRW 23,435 billion and depreciation of KRW 16,910 billion were recorded.

(Unit: KRW million)

| Classification | | Land | Buildings and Structures | Machinery and Equipment | Construction in –progress | Others | Total |
|------------------------|--|-----------|--------------------------|-------------------------|---------------------------|-------------|---------------|
| | Book value | 7,429,287 | 15,715,064 | 36,498,478 | 13,840,172 | 2,013,387 | 75,496,388 |
| At 1 January 2014 | Acquisition cost | 7,429,287 | 23,375,035 | 118,621,699 | 13,840,172 | 5,518,351 | 168,784,544 |
| At 1 January 2014 | Accumulated depreciation (Including accumulated impairment loss) | - | (7,659,971) | (82,123,221) | | (3,504,964) | (93,288,156) |
| | General acquisition and capital expenditure | 357,794 | 3,595,210 | 16,048,623 | 2,476,963 | 956,520 | 23,435,110 |
| | Acquisition as a result of business combination | - | - | - | - | 940 | 940 |
| Increase | Depreciation | - | (1,305,220) | (14,729,718) | - | (875,088) | (16,910,026) |
| (Decrease) | Disposal/Discard | (67,001) | (457,634) | (193,077) | (44,883) | (71,550) | (834,145) |
| | Damage | - | (2,280) | (173,140) | | (6,710) | (182,130) |
| | Others | (9,728) | 53,407 | 300,724 | (439,945) | (37,645) | (133,187) |
| | Book value | 7,710,352 | 17,598,547 | 37,751,890 | 15,832,307 | 1,979,854 | 80,872,950 |
| Balance at | Acquisition cost | 7,710,352 | 26,474,937 | 127,603,897 | 15,832,307 | 5,664,513 | 183,286,006 |
| Balance at 31 Dec 2014 | Accumulated depreciation (Including accumulated impairment loss) | - | (8,876,390) | (89,852,007) | - | (3,684,659) | (102,413,056) |

^{*} Others: Includes effects of changes in FX rates and changes in the scope of consolidated financial statements.

(2) CAPEX

During 2014, the Company invested KRW 23.4 trillion in CAPEX, including upgrading production lines of the Semiconductor Sub-Division and the DP Business Unit. The total CAPEX for 2015 is expected to increase compared to the previous year, although this is subject to change depending on changes in the business environment and market conditions.

[CAPEX by Division]

(Unit: KRW 100 million)

| Business | Purpose | Period | Assets | Investment in 2014 |
|------------------|----------------------------------|-------------------|-----------------------|--------------------|
| Semiconductor | Establishment, addition, upgrade | Jan '14 ~ Dec '14 | Buildings, facilities | 143,156 |
| DP Business Unit | Establishment, addition, upgrade | Jan '14 ~ Dec '14 | Buildings, facilities | 39,846 |
| Others | Others | Jan '14 ~ Dec '14 | Buildings, facilities | 51,349 |
| | Total | | | 234,351 |

^{*} Market value of major tangible assets is omitted as objective assessment is difficult.

^{*} Property, plant, and equipment above is presented on a consolidated basis.

5. Sales and Distribution

A. Sales

In 2014, the Company recorded KRW 206,206 billion of total revenue, a decline of 9.8% from the prior year. By Division, from 2013, the CE Division's revenue decreased by 0.3%, the IM Division's revenue decreased by 19.5%, and the DS Division's revenue decreased by 2.9%.

(Unit: KRW 100 million)

| | Division | Sales types | Product categories | 2014 | 2013 | 2012 |
|----------------------------------|------------------|--|---|-----------|-----------|-----------|
| CE Goods Products Service Others | | Products Service | TV, monitor, printer, air conditioner, refrigerator, washing machine, medical equipment | 501,831 | 503,315 | 511,051 |
| | IM | Goods Products Service Others | HHP, Network System, Computer, Digital camera | 1,117,645 | 1,388,172 | 1,058,447 |
| | Semiconductor | Goods Products Service Others | DRAM, NAND Flash, Mobile AP | 397,299 | 374,366 | 348,866 |
| DS | DP Business Unit | Goods Products Service Others | TFT-LCD, OLED | 257,272 | 298,371 | 329,994 |
| | Division total | | 657,898 | 677,609 | 682,873 | |
| | Others | Other revenue | - | -215,314 | -282,169 | -241,335 |
| | | Total | | 2,062,060 | 2,286,927 | 2,011,036 |

^{*} Includes internal sales between Divisions.

☐ Sales by Major Product

(Unit: KRW 100 million)

| Classification | 2014 | 2013 | 2012 |
|----------------|-----------|-----------|-----------|
| TV | 324,486 | 331,207 | 350,381 |
| Mobile Devices | 1,074,149 | 1,353,537 | 1,032,875 |
| Memory | 293,244 | 237,146 | 208,640 |
| Display Panel | 257,272 | 298,371 | 329,994 |

^{*} Including internal sales between Divisions.

^{*} Represented on 2014 basis.

^{*} Represented on 2014 basis.

☐ Sales by Type

(Unit: KRW 100 million)

| Classification | 2014 | 2013 | 2012 |
|-------------------------|-----------|-----------|-----------|
| Products | 2,036,716 | 2,252,839 | 1,926,709 |
| Service and other Sales | 25,344 | 34,088 | 84,327 |
| Total | 2,062,060 | 2,286,927 | 2,011,036 |

^{*}Other sales consists of royalty income and rental income.

☐ Sales by Region (on a Parent Company Financial Statement Basis)

(Unit: KRW 100 million)

| Classification | 2014 | 2013 | 2012 |
|-----------------|-----------|-----------|-----------|
| Korea | 153,247 | 172,004 | 204,703 |
| Americas | 433,940 | 442,526 | 315,846 |
| Europe | 208,982 | 335,645 | 312,650 |
| Asia and Africa | 298,140 | 341,059 | 290,832 |
| China | 283,946 | 292,487 | 288,033 |
| Total | 1,378,255 | 1,583,721 | 1,412,064 |

B. Sales Channels

☐ Korea

| Seller | Sale | Consumer | | |
|----------------------------|---|---|----------|--|
| | R | Retailer | | |
| | Distributor (General Merchandise Store, Discour | | | |
| Manufacturer (Facility) | Retailer | Cooperative Joint Market, Sales Shop, Open Stores | Consumer | |
| (i acility) | Telecommunication Serv | | | |
| | Dire | | | |

□ Overseas

| Seller | Sales Channel | | | | Consumer | |
|--------------|------------------------------|------------------------------------|-------------|----------|----------|--|
| | | | Retailer | | | |
| | Regional Sales Office | Dealer | | Retailer | | |
| | | Distributor | Dealer | Reta | ailer | |
| Production | | Telecommunication Service Provider | | | | |
| Subsidiaries | Regional Distribution Office | | Retailer | | Consumer | |
| | | Regional Sales Office | Dealer | Reta | ailer | |
| | | Office | Distributor | Dealer | Retailer | |
| | Direct Sales | | | | | |

☐ Sales Ratio by Channel

| Channel | Wholesale | Retail | Special/direct sale | Others |
|---------|-----------|--------|---------------------|--------|
| Ratio | 34% | 26% | 35% | 5% |

On a global basis

C. Sales Methods and Conditions

□ Domestic

| Classification | Channel | Collection | Incidental expense sharing |
|--|-------------------------|--|--|
| Exclusive | Agency | - Credit agreement (Cash, 30 day credit) (Credit applied within 100% of collateral) | Case specific cost sharing as determined by mutual agreement |
| General Merchandise Store, Distributor Discount Store, Department Store, Home Shopping, Internet | | Case specific and contract specific | Case specific cost sharing as determined by mutual agreement |
| Special/direct sale | Corporate Clients, etc. | Case specific and contract specific | N/A |

☐ Overseas

| Classification Channel | | Collection | Incidental expense sharing | |
|------------------------|--|-------------------------------------|--|--|
| Retailer | Retail store | Case specific and contract specific | Case specific cost sharing as determined by mutual agreement | |
| Dealer | General merchandise store, Discount store, Department store | Case specific and contract specific | Case specific cost sharing as determined by mutual agreement | |
| Distributor | Direct sales to local distributors | Case specific and contract specific | Case specific cost sharing as determined by mutual agreement | |
| B2B | Corporate Clients, etc. | Case specific and contract specific | N/A | |

D. Sales Strategy

- o Expand market leadership based on smart devices
- o Provide differentiated value to customers through brand, products, and service
- o Strengthen operational capabilities for customer/market
- o Enhance sales capabilities

E. Major Customers

During 2014, major customers included Apple, Deutsche Telekom, Ingram Micro, Sprint and Verizon. Sales to our five major customers accounted for about 13% of total sales.

6. Long-term Contracts

N/A

7. Financial Risk Management

The Company's financial risk management focuses on minimizing market risk, credit risk, and liquidity risk arising from operating activities. To mitigate these risks, the Company implements and operates a financial risk policy and program that closely monitors and manages such risks.

The finance team mainly carries out the Company's financial risk management. With the cooperation of the Company's Divisions, domestic and foreign subsidiaries, the finance team periodically measures, evaluates and hedges financial risks and also establishes and implements global financial risk management policies.

Financial risk management officers are dispatched to the regional headquarters of located in the US, UK, Singapore, China, Japan, Brazil and Russia to oversee application of global financial risk management policies at the local finance centers.

Financial assets subject to the Company's financial risk management are as follows: cash and cash equivalents, short-term financial instruments, available-for-sale financial assets, trade, and other receivables, and other financial assets. The Company's financial liabilities subject to financial risk management are as follows: trade and other payables, borrowings, debentures, and other financial liabilities.

A. Market Risk

(1) Foreign Exchange Risk

The Company is exposed to foreign exchange risk arising from various currency exposures due to global operations. The Company is mostly exposed to foreign currency volatility due to exchange positions of currencies, including the US Dollar, Euro, Japanese Yen, and Chinese Yuan.

To minimize foreign exchange risk arising from operating activities, the Company's foreign exchange management policy requires normal business transactions (including imports and exports) to be in the local currency or for the cashin currency to be matched with the cash-out currency. The Company's foreign exchange risk management policy also defines foreign exchange risk, measuring period, ownership responsibilities, management procedures, hedging period and hedge ratio.

The Company prohibits all speculative foreign exchange transactions. The Company has established a global foreign exchange system to manage exposures related to receivables and payables denominated in foreign currencies.

The foreign currency exposure to financial assets and liabilities of a 5% currency rate change against the Korean won (KRW) are presented below:

(Unit: KRW million)

| | Year-End | d 2014 | Year-End 2013 | | |
|----------------|--------------|---------------------------|---------------|--------------|--|
| Classification | Appreciation | Appreciation Depreciation | | Depreciation | |
| USD | (171,265) | 171,265 | 8,472 | (8,472) | |
| EUR | (36,381) | 36,381 | 9,136 | (9,136) | |
| JPY | (42,529) | 42,529 | (45,131) | 45,131 | |

(2) Risk of Volatility in Equity Securities Held as Investment

The Company's investment portfolio consists of direct and indirect investments in equity securities and is classified as available-for-sale, which is in line with the Company's strategy.

As of December 31, 2014 and December 31, 2013, a price fluctuation in relation to marketable equity securities by 1% would result in changes in other comprehensive income (before income tax) of KRW 57,768 million and KRW 43,993 million, respectively.

(3) Interest Rate Risk

Risk of changes in interest rate for a floating interest rate financial instrument is defined as the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market interest rates and the risk that cash flows from investing/financing activities will fluctuate with changes in interest gain/loss. The Company is exposed to interest rate risk mainly through interest bearing liabilities and assets. The Company has policies to minimize uncertainty and expenses from changes in interest rates. In order to minimize interest rate related risks, the Company minimizes external borrowings by facilitating cash pooling systems on a regional and global basis. The Company manages its exposure to interest rate risks by regularly monitoring risk factors and timely resolution, and prevention, of issues.

The sensitivity risk of the Company is determined based on the following assumptions:

- Changes in market interest rates that could impact the interest income and expenses of floating interest rate financial instruments

Based on the above assumption, changes to profit and net equity as a result of a 1% increase in interest rates on borrowings are presented below:

(Unit: KRW million)

| | Year-End 2014 | | Year-End 2013 | |
|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Classification | Interest Rate Increase | Interest Rate Decrease | Interest Rate Increase | Interest Rate Decrease |
| Financial Assets | 52,977 | (52,977) | | (46,025)(46,025) |
| | | | 46,025 | |
| Financial Liabilities | (30,722) | 30,722 | (22,942) | 22,94222,942 |
| Net Effect | 22,255 | (22,255) | 23,083 | (23,083)(23,083) |

B. Credit Risk

Credit risk arises during the normal course of transactions and investing activities where clients or other parties fail to discharge an obligation. The Company actively monitors its credit risk on a regular basis and determines a counterparty's credit limit periodically based on the counterparty's financial conditions, default history, and other important factors.

Credit risk can arise from transactions with financial institutions which include financial instrument transactions such as cash and cash equivalents, savings, and derivative instruments. To minimize such risk, the Company transacts only with banks that have strong international credit ratings (S&P A and above), and all new transactions with financial institutions with no prior transaction history are approved, managed and monitored by the Company's finance team and the local

finance center. The Company requires separate approval for contracts with restrictions.

Most of the Company's trade receivables are adequately insured to manage any risk, therefore, the Company estimates its credit risk exposure to be limited. The Company estimates that its maximum exposure to credit risk is the carrying value of its financial assets, net of impairment losses.

C. Liquidity Risk

Due to large investments made by the Company, maintaining adequate levels of liquidity is critical. The Company strives to achieve this goal by periodically forecasting its cash flow, estimating required cash levels, and managing income and expenses.

The Company manages its liquidity risk by periodically forecasting projected cash flows. If abnormal signs are identified, the Company works with the local finance center and provides liquidity support by utilizing globally integrated finance structures such as cash pooling. In addition, the Company maintains a liquidity management process which provides additional financial support through the local finance center and the Company when necessary. The cash pooling program allows sharing of surplus funds among entities and contributes to minimizing liquidity risk and strengthening the Company's competitive position by reducing capital operation expenses and finance expenses.

In addition, the Company mitigates liquidity risk by contracting with financial institutions with respect to bank overdrafts and foreign trade finance and by providing payment guarantees to subsidiaries. For large scale facility investments, liquidity risk is minimized by utilizing internal reserves and long term borrowings according to the capital injection schedule.

As of year-end 2014, financial liabilities classified according to remaining term until the expiration date is as follows:

(1) Year-End 2014

(Unit: KRW million)

| | Under 3 mo. | ~6 mo. | ~1yr | 1~5 yrs | Over 5 yrs |
|-----------------------|-------------|---------|-----------|-----------|------------|
| Financial liabilities | 34,502,783 | 706,077 | 3,528,699 | 3,994,862 | 106,857 |

(2) Year-End 2013

(Unit: KRW million)

| | Under 3 mo. | ~6 mo. | ~1yr | 1~5 yrs | Over 5 yrs |
|-----------------------|-------------|-----------|-----------|-----------|------------|
| Financial liabilities | 33,862,896 | 1,095,285 | 4,806,477 | 2,564,769 | 65,772 |

The above financial liabilities were classified according to the remaining term until the expiration date from the Reporting Date. The cash flows included were not discounted to present value. Please note, as expiry of derivatives bought and sold is not necessary for understanding liquidity requirements in a given period, its fair value of KRW 78,348 million (year-end 2013: KRW 244,172 million) is included in the "under 3 mo." figure. These derivatives contracts are managed based on their fair value rather than expiration. Cash-settled derivatives are composed of currency forwards used for managing the Company's exchange rate fluctuations.

The maximum amount of liquidity exposure from payment guarantees and performance guarantees of affiliates other than

| the above financial liabilities is KRW 115,211 million (year-end 2013: KRW 183,644 million). | | | | |
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D. Capital Risk Management

The purpose of capital management is to maintain a healthy capital structure. The Company uses debt ratio as an indicator and measure of an appropriate capital structure. The debt ratio is calculated by dividing total liabilities by total equity in the consolidated financial statements.

The Company's capital risk management policy has not changed since the fiscal year ended December 31, 2013. The Company has maintained A+ and A1 credit ratings from S&P and Moody's, respectively.

The total liabilities to equity ratio as of year-end 2014 and year-end 2013 are as follows:

(Unit: KRW million)

| | December 31, 2014 | December 31, 2013 |
|-----------------------------------|-------------------|-------------------|
| Total liabilities | 62,334,770 | 64,059,008 |
| Total equity | 168,088,188 | 150,016,010 |
| Total liabilities to equity ratio | 37.1% | 42.7% |

E. Fair Value Measurement

- Carrying amounts and fair values of financial instruments by category as of December 31, 2014 and December 31, 2013 are as follows:

(Unit: KRW million)

| Classification | December | 31, 2014 | December 31, 2013 | | |
|--|-----------------|------------|-------------------|------------|--|
| Classification | Carrying amount | Fair value | Carrying amount | Fair value | |
| Financial assets | | | | | |
| Cash and cash equivalents | 16,840,766 | (1) | 16,284,780 | (1) | |
| Short-term financial instruments | 41,689,776 | (1) | 36,722,702 | (1) | |
| Short-term available-for-sale financial assets | 3,286,798 | 3,286,798 | 1,488,527 | 1,488,527 | |
| Trade and other receivables | 24,694,610 | (1) | 24,988,532 | (1) | |
| Long-term available-for-sale financial assets ⁽²⁾ | 12,667,509 | 12,272,756 | 6,238,380 | 5,850,155 | |
| Other | 4,762,971 | 4,725,263 | 5,472,956 | 5,436,470 | |
| Total Financial assets | 103,942,430 | | 91,195,877 | | |
| Financial liabilities | | | | | |
| Trade payables | 7,914,704 | (1) | 8,437,139 | (1) | |
| Short-term borrowings | 8,029,299 | (1) | 6,438,517 | (1) | |
| Other payables | 9,258,344 | (1) | 7,877,581 | (1) | |
| Current portion of long-term borrowings | 1,778,667 | (1) | 2,425,831 | (1) | |
| Debentures | 1,355,882 | 1,377,113 | 1,311,068 | 1,327,569 | |
| Long-term borrowings | 101,671 | 82,271 | 985,117 | 971,844 | |
| Long-term other payables | 2,520,277 | 2,606,179 | 1,023,714 | 1,090,580 | |
| Other | 11,474,129 | (1) | 10,862,512 | (1) | |
| Total Financial liabilities | 42,432,973 | | 39,361,479 | | |

Assets and liabilities whose carrying amounts are reasonable approximations of their fair value are excluded from the fair value disclosures.

² Amount measured at cost (2014: KRW 394,753 million and 2013: KRW 388,225 million) is excluded, as the range of reasonable fair value estimates are significant and the probabilities of the various estimates cannot be reasonably assessed.

The following table presents the fair value of assets and liabilities, by Level (as defined below), measured as of the dates indicated:

| | | As of Decemb | er 31, 2014 | |
|--|-----------|--------------|-------------|---------------|
| (In millions of Korean won) | Level 1 | Level 2 | Level 3 | Total balance |
| Short-term available-for-sale financial assets | 1,016,878 | 2,269,920 | - | 3,286,798 |
| Long-term available-for-sale financial assets ¹ | 5,776,836 | 3,050,338 | 3,445,582 | 12,272,756 |
| Other | | 45,898 | 102,513 | 148,411 |
| Total assets | | | | |
| Other | - | 78,348 | - | 78,348 |
| Total liabilities | - | | | |

| | | December 3 | 31, 2013 | |
|--|-----------|------------|----------|---------------|
| (In millions of Korean won) | Level 1 | Level 2 | Level 3 | Total balance |
| Short-term available-for-sale financial assets | 1,257,492 | 231,035 | - | 1,488,527 |
| Long-term available-for-sale financial assets ¹ | 4,399,314 | 957,463 | 493,378 | 5,850,155 |
| Other | - | 40,552 | - | 40,552 |
| Total assets | | | | |
| Derivatives | | 244,172 | <u>-</u> | 244,172 |
| Total liabilities | | | | |

Amount measured at cost (December 31, 2014: KRW 394,753 million, December 31, 2013: KRW 388,225 million) is excluded, as the range of reasonable fair value estimates are significant and the probabilities of the various estimates cannot be reasonably assessed.

The levels of the fair value hierarchy (based on characteristics of the input variables) and its application to financial assets and liabilities are described below.

- Level 1: Quoted market prices (unadjusted) for identical assets or liabilities
- Level 2: Fair valuation based on inputs that are observable in the market (Other than quoted prices included within Level 1)
- Level 3: Fair valuation based on inputs that are unobservable in the market

The fair value of financial instruments traded in active markets is based on quoted market prices at the statement of financial position date. A market is regarded as active if quoted prices are readily and regularly available from an exchange, dealer, broker, industry group, pricing service, or regulatory agency, and those prices represent actual and regularly occurring market transactions on an arm's length basis. The quoted market price used for financial assets held by the Company is the current bid price. These instruments are included in Level 1. Instruments in Level 1 include listed equity investments classified as trading securities or available-for-sale financial assets.

The fair value of financial instruments that are not traded on an active market (for example, over-the-counter derivatives) is determined using valuation models. These valuation models maximize the use of observable market data where it is available and rely as little as possible on entity specific information. If all significant inputs required to measure the fair value of an instrument are observable, the instrument is included in Level 2.

If one or more of the significant inputs are not based on observable market data, the instrument is included in Level 3.

The Company performs fair value measurements required for financial reporting purposes, including Level 3 fair values, and discusses valuation processes and results at least once every quarter in line with the Company's quarterly reporting dates. The Company recognizes changes in Levels at the end of the reporting period, if corresponding events or changes in circumstances necessitating such reclassification have occurred.

Specific valuation methods used to value financial instruments include:

- Quoted market prices or dealer quotes for similar instruments.
- The fair value of foreign exchange forward contracts is determined using, among other things, forward exchange rates at the statement of financial position date, with the resulting value discounted back to present value.

Other methods, such as discounted cash flow analysis, are used to determine fair value for the remaining financial instruments. For trade and other receivables, the book value approximates a reasonable estimate of fair value.

- Valuation Methods and Inputs
- The Company utilizes a present value method to discount future cash flows at a proper interest rate for corporate bonds, government and public bonds, and bank debentures that are classified as Level 2 in the fair value hierarchy.
- The following table presents the valuation methods and inputs used for major financial instruments classified as Level 3.

| | | | | (In millions of Korean won) |
|------------------------------------|--------------|-----------------|----------------------------------|-----------------------------|
| | Fair | Valuation | | Input Range |
| Classification | Value | Technique | Level 3 Inputs | (Weighted Average) |
| Long-term available-for-sale final | ncial assets | | | |
| Taewon Electric | 17,094 | Discounted cash | Permanent growth rate | -1.00% ~ 1.00% (0%) |
| | | flow | Weighted average cost of capital | 7.76% ~ 9.76% (8.76%) |
| Samsung Venture Investment | 6,586 | Discounted cash | Permanent growth rate | -1.00% ~ 1.00% (0%) |
| • | | flow | Weighted average cost of capital | 7.74% ~ 9.74% (8.74%) |
| Samsung General Chemicals | 100,051 | Discounted cash | Permanent growth rate | -1.00% ~ 1.00% (0%) |
| • | | flow | Weighted average cost of capital | 10.48% ~ 12.48% (11.48%) |
| Coming Incorporated | 3,106,332 | Trinomial model | Risk adjusted discount rate | 4.96% ~ 6.96% (5.96%) |
| convertible preferred stock | | | Price volatility | 30.50% ~ 36.50% (33.50%) |
| Derivatives | | | | |
| Embedded derivatives | 2,462 | Binomial model | Discount rate | 5.16% ~ 10.30% (7.78%) |
| (convertible bonds) | | | Stock price volatility | 11.88% ~ 17.60% (14.53%) |

- Changes in Level 3 Instruments:

| (In millions of Korean won) | 2014 | 2013 | |
|---|-----------|----------|--|
| Balance as of January 1 | 493,378 | 389,195 | |
| Purchases | 2,586,120 | 151,741 | |
| Disposals | (97,487) | (46,357) | |
| Amount recognized in profit or loss | (67,581) | (5,177) | |
| Amount recognized in other comprehensive income | 646,856 | 2,615 | |
| Other | (13,191) | 1,361 | |
| Balance as of December 31 | 3,548,095 | 493,378 | |

- Sensitivity Analysis for Recurring Fair Value Measurements Categorized within Level 3

Sensitivity analysis of financial instruments is performed to measure favorable and unfavorable changes in the fair value of financial instruments which are affected by inputs that are unobservable in the market, using a statistical technique. When the fair value is affected by two or more input variables, such fair value is calculated using the most favorable or most unfavorable input values.

The results of the sensitivity analysis for the effect on profit or loss from changes in inputs for each type of financial instrument, which is categorized within Level 3 and subject to sensitivity analysis, are as follows:

| (In millions of Korean won) | Favorable Change | es . | Unfavorable Chang | ges |
|---|------------------|---------|-------------------|-----------|
| Classification | Profit or Loss | Equity | Profit or Loss | Equity |
| Long-term available for sale financial assets1 | - | 231,909 | - | (225,568) |
| Embedded derivatives (convertible bonds) ² | 466 | 466 | (475) | (475) |
| Total | 466 | 232,375 | (475) | (226,043) |

¹ Changes in the fair value of convertible preferred stock have been calculated by increasing or decreasing the correlation between volatility (30.50% \sim 36.50%) and the discount rate. Similarly, for other equity securities, changes in fair value have been calculated by increasing or decreasing the correlation between growth ratio (-1% \sim 1%) and the discount rate, which are significant unobservable inputs.

² For equity derivatives, changes in fair value have been calculated by increasing or decreasing the correlation between stock prices and volatility by 10%.

- As of December 31, 2014, assets and liabilities that are not measured at fair value but whose fair value is disclosed are as follows:

[Unit : KRW million]

| | | Year-End 2014 | | | | |
|--------------------------|------------|---------------|-----------|---------|-----------|--|
| Classification | Book value | Level 1 | Level 2 | Level 3 | Total | |
| (1) Assets | | | | | | |
| Other non-current assets | 4,614,560 | - | 4,576,852 | - | 4,576,852 | |
| (2) Liabilities | | | | | | |
| Debentures | 1,355,882 | - | 1,377,113 | - | 1,377,113 | |
| Long-term borrowings | 101,671 | - | 82,271 | - | 82,271 | |
| Long-term other payables | 2,520,277 | - | 2,606,179 | - | 2,606,179 | |

[Unit : KRW million]

| | Book value | Year-End 2013 | | | | |
|--------------------------|------------|---------------|-----------|---------|-----------|--|
| Classification | | Level 1 | Level 2 | Level 3 | Total | |
| (1) Assets | | | | | | |
| Other non-current assets | 5,432,404 | - | 5,395,918 | - | 5,395,918 | |
| (2) Liabilities | | | | | | |
| Debentures | 1,311,068 | - | 1,327,569 | - | 1,327,569 | |
| Long-term borrowings | 985,117 | - | 971,844 | - | 971,844 | |
| Long-term other payables | 1,023,714 | - | 1,090,580 | - | 1,090,580 | |

The Company utilizes a present value method to discount future cash flows by utilizing an appropriate interest rate for the above assets and liabilities that are classified as Level 2 in the fair value hierarchy.

8. Derivative Instruments and Put Options

The Company holds convertible bonds in several companies, including FTS, as well as bonds with warrants of Shinwha Intertek Co., Ltd.

(A) The value of derivative instruments as of year-end 2014 is presented below:

(Unit: KRW million)

| | Asset | Liabilities | Valuation Gain | Valuation Loss |
|-------------|-------|-------------|----------------|----------------|
| Put options | 8,844 | - | - | 10,778 |
| Total | 8,844 | - | - | 10,778 |

^{*} The option values were calculated using appropriate valuation methodologies, including the Black-Scholes model

(B) To manage foreign exchange risk, the Company's subsidiaries hedge their foreign currency positions by trading currency forward contracts of such currencies. Overseas subsidiaries buy or sell currency forwards with less than one year maturity through a bank to minimize such risks.

The Company holds convertible preferred shares of Corning Incorporated and its value as of year-end 2014 is as follows.

(Unit: KRW million)

| | Purchasing Price | Fair Value | Valuation Gain | Valuation Loss |
|------------------------------|------------------|------------|----------------|----------------|
| Convertible preferred Stocks | 2,434,320 | 3,106,332 | 672,012 | - |

^{*} Fair value determined using Trinomial Tree model

(C) Currency forwards as of year-end 2014 are as follows.

(Unit: KRW million)

| | Asset | Liabilities | Valuation Gain | Valuation Loss |
|-------------------|--------|-------------|----------------|----------------|
| Currency forwards | 45,775 | 78,311 | 44,308 | 74,023 |
| Total | 45,775 | 78,311 | 44,308 | 74,023 |

9. Major Contracts

| Account | Item | Contents |
|-----------------------|--------------------------|---|
| | Contract type | Patent cross-license agreement |
| Ericsson | Contract date | 2014.01.25 |
| | Purpose and contents | Secure operational advantage through mutual patent licensing |
| | Contract type | Patent cross-license agreement |
| Coordo | Contract date and period | 2014.01.25 / indefinite term |
| Google | Purpose and contents | Secure business freedom through mutual patent licensing |
| | Others | Permanent license contract (including patent applications in the next 10 years) |
| | Contract type | Patent cross-license agreement |
| Cisco | Contract date | 2014.01.23 |
| | Purpose and contents | Secure business freedom through mutual patent licensing |
| | Contract type | Process technology license contract |
| Global Foundries Inc. | Contract date | 2014.02.28 |
| | Purpose and contents | Expand customer base of 14nm process |
| | Contract type | Patent license agreement |
| InterDigital | Contract date | 2014.06.03 |
| | Purpose and contents | Secure business freedom through patent licensing |
| | Contract type | Settlement Agreement |
| Microsoft | Contract date | - |
| | Purpose and contents | End dispute over royalty payment |

X Information that may be referenced or used in other IP disputes, including contract amount, is not included.

10. Research and Development Activities

A. Summary of Activities and R&D Expenditures

The Company is leading the global market by continuously developing creative and innovative products and the future technology through shifting its way of thinking and understanding customer demand.

The Company is currently developing creative and innovative products and doing its utmost to cement its position in the world IT industry and become a truly Leading Company that leads world's industrial technology by securing next-generation and original technology.

[R&D expenses] (Unit: KRW million)

| | | 2014 | 2013 | 2012 |
|--------------------------|---|------------|------------|------------|
| Total R&D expend | diture | 15,325,507 | 14,780,432 | 11,892,434 |
| Accounting | Capitalization of development expenses (intangible asset) | 940,001 | 461,030 | 359,639 |
| Accounting | R&D costs (expenses) | 14,385,506 | 14,319,402 | 11,532,795 |
| R&D expenses/sales Ratio | | 7.4% | 6.5% | 5.9% |

^{*} On a consolidated basis (in conformity with K-IFRS)

As of December 31, 2014, the Company's R&D expenses were KRW 15,326 billion, a 3.7% YoY basis. The Company capitalized KRW 940 billion and recognized KRW 14,386 billion as current expenditure.

B. R&D Organization and Operations

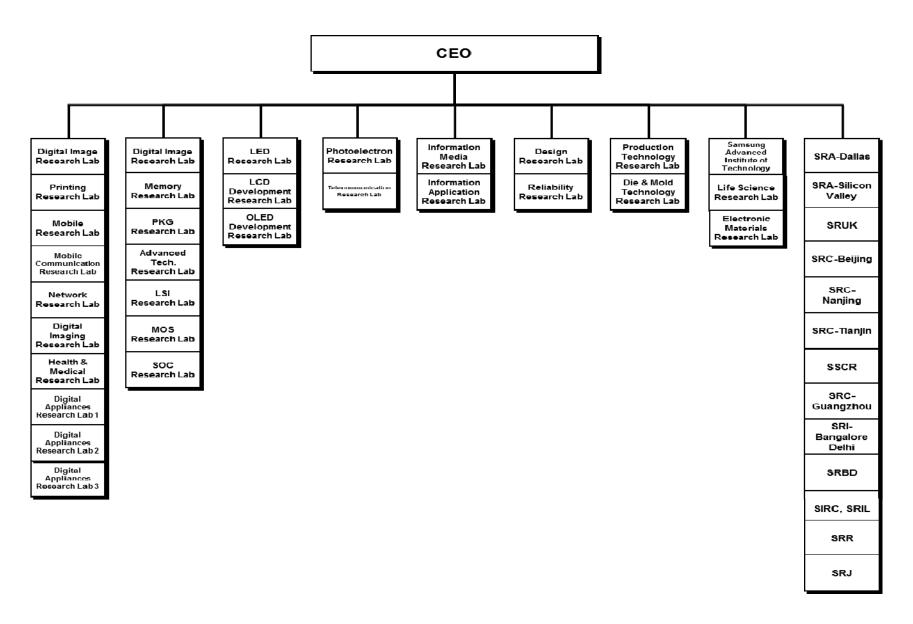
Korea

The Company operates three levels of R&D organizations; a business unit development team under each Division that develops market ready technologies with a 1-2 year outlook, a research institute under each business unit that develops mid-to-long term technology with a 3-5 year outlook, and the Samsung Advanced Institute of Technology that develops core technology as seeds for future growth engines.

Samsung Advanced Institute of Technology is the central research institute of Samsung Electronics that has been established to lead the future and serve as an incubator of cutting-edge technology. It has a creative R&D system and provides R&D direction for promising growth sectors at the Company level, exploring future growth engines and strengthening technological competitiveness of core businesses.

Overseas

The Company operates R&D organizations in the US (SRA-Silicon Valley and SRA-Dallas), the UK (SRUK), Russia (SRR), Israel (SRIL and SIRC), India (SRI-Bangalore and SRI-Delhi), Japan (SRJ), China (SSCR, SRC-Beijing, SRC-Nanjing, SRC-Tianjin, and SRC-Guangzhou) to carry out research activities for product development and basic technological research.



^{*} As of December 31, 2014

^{**} Refer to "G. Subsidiaries subject to consolidation" in "I. Corporate Overview" for more details about overseas R&D organizations.

C. R&D Results

| Research Project | Research Results and Expected Effect | In case applied to a product, name of the product and application |
|---------------------------------|--|---|
| Smart TV monitor | □ Smart Monitor (TB750, 24"/27) - Support mobile device connectivity via MHL - Support wireless transmission of picture via WiFi - Can use smart hub and smart TV apps - AllShare and Connect Share functions - 7W x 2 Ch speaker - Asymmetric slim design | □ Region: Americas/Europe/ domestic, etc.□ Launch: Feb '12 |
| Set-Top Box for Virgin Media | □ Supply set-top boxes for UK Virgin Media - Develop cable TV set-top box (equipped with TiVo middle ware) - HD broadcasting and mass recording functions (1T class) ※ Virgin Media: The largest media group in UK | □ Region: UK □ Launch: Feb '12 |
| Smart TV Service | □ Smart TV Service launch in '12 - Cloud-based contents sharing among family members - Provide and manage contents for toddlers - Customized exercise guide service - Contents sharing between various devices □ SDK3.1 Public Release (March) - Smart Control input device and In-App advertisement - Provide utility tool (Automatic Testing Tool) | □ Region: Global □ Launch: Feb '12 |
| Smart Input Device | □ Introduction of smart wireless keyboard Easy to control device with QWERTY text input and Touch Pad Bluetooth Pairing for controlling TV and Mobile devices | □ Region: Americas/Europe/ domestic, etc. □ Launch: Feb '12 □ Applied products: LED/PDP products in response to BT |
| Smart Station Monitor | □ Smart Station Monitor (CB750, 24") - Support connection to Wireless PC screen - Mobile control function - Support mobile device connectivity via MHL - Can control 2 PCs (Drag & Drop file transfer, etc.) - Support USB Hub and USB Super Charging - 5W x 2 Channel speaker | □ Region: Americas/Europe/ domestic, etc. □ Launch: May '12 |
| All-in-one Cloud Monitor | □ Product Concept - All-in-one Cloud Display Monitor(AMD Solution) * Cloud Display Monitor: All-in-one LED monitor for creating server-based computing environment, which is the next generation IT infra solution that can efficiently manage IT resources and strengthen security □ Purpose and effects - Respond to EnergyStar5.0 and Erp(European energy standard) - Apply platform/DDR3 and SSD/enable Fan less via 2 chip solution AMD Ontario - Increase opportunity of sales expansion by adding 23.6" 16:9, 19" 5:4 Format Line-up - ECO-Friendly → LED BLU /Energystar/TCO/Thin Design - Secure sales channel in response to VMware/Citrix virtualization solution | □ Region: Global □ Launch: Dec '12 □ Inch : 19"/23.6" |
| LFD DEC (LH40DECPLBA/ZA) | □ Product Concept - Changed to new Echo-E chip dedicated to LFD from existing Genoa-P - DP LoopOut & DP1.2 MST using ST Athena chip - 24/7 operable Heavy Usage LED models - High intensity (700nit) anti-Glare required for information delivery Spec and effects - Panel: New, Edge-LED, 700nit - SMPS (PD-Board): New - 12 hours use per day (3 year warranty) - Safety standard 60950-1(monitor), EMC class A - Remote control: TM1240B - Stand not provided (Option accessory) - In response to competitors' line-up - Secure LFD product line-up | □ Region: Global □ Launch: Oct '12 □ Inch : 40"/46"/55" |

| Research Project | Research Results and Expected Effect | In case applied to a product, name of the product and application |
|---|--|---|
| Develop high-resolution large-size TV panel | □ Differentiate Main Stream TV products and secure competitiveness | □ Region: Global □ Launch: 1Q 13 |
| High-resolution low-power consumption Tablet product technology | □ Achieve low power consumption of table products by enhancing transmitivity and enhance production yield | □ Region: Global □ Launch: 4Q 12 |
| Mass produce 20nm 4GB DDR3 DRAM for computer | □ Mass produce 20nm 4GB DDR3 DRAM as the first in the world - Developed as the first in the world for 4 consecutive generations since 50nm 4GB in '09 - Transmission speed of 1,833Mbps, which is the fastest for server □ Maintain competitive advantage in the value-added DRAM market with cutting-edge 'green memory' from server to PC market | □ Region: Global □ Launch: Feb '12 □ Name : 4GB DDR3 DRAM |
| Mass produce 20nm 4GB LPDDR2 mobile DRAM for mobile | □ Mass produce 20nm 4GB mobile DRAM as the first in the world - Mass produce products from 1GB to 4GB, highest capacity in the industry - Only provider of 4GB ultra-thin 0.8mm solution in the industry □ In the future, expand 4GB market by increasing the proportion of 20nm DRAM Maintain competitive advantage in the premium memory market | □ Region: Global □ Launch: Apr '12 □ Name : 4GB LPDDR2 Mobile DRAM |
| Develop 30nm 4GB DDR4 DRAM for computer | □ Develop next generation 30nm 4GB DDR4 DRAM as the first in the world - Launched 16GB DDR4 DRAM as the first after the launch of 2GB DDR4 DRAM in '11 - In the future, plan to develop products with fastest speed of 3.2Mb/s □ Create differentiated market by mass producing 20nm products in '13 and maintain competitive advantage with high-capacity green memory | □ Region: Global □ Launch: Jun '12 □ Name : 4GB DDR4 DRAM |
| Mass produce 30nm 4GB LPDDR3 mobile DRAM for mobile | □ Mass produce next generation 30nm 4GB mobile DRAM as the first in the world - Mass produce largest range of LPDDR3 products in the industry from 1GB to 2GB - Only provider of 2GB ultra-slim 0.8mm solution in the industry □ Maintain competitive advantage in the premium memory market by taking the lead in high-capacity next generation LPDDR3 DRAM market in the future | □ Region: Global □ Launch: Aug '12 □ Name : 4GB LPDDR3 Mobile DRAM |
| Mass produce 20nm 128GB eMMC internal storage for mobile | □ Mass produce high-capacity 20nm 128GB eMMC as the first in the world - Launched 128GB in Aug '12 after mass production of 64GB in Jul '12 - Can store 15 8GB Full HD contents □ Continue to expand next generation high-capacity mobile device market with 5 times faster speed than external memory card Class10 | □ Region: Global □ Launch: Aug '12 □ Name : 128GB eMMC internal memory card |
| Mass produce 2ynm 4GB DDR3 DRAM for computer | □ Mass produce cutting-edge 2ynm 4GB DDR3 DRAM as the first in the world - Launched DRAM produced by new process for 4 consecutive years since '09 - Enhance product competitiveness with the best capacity low power consumption property □ Continue to strengthen business competitive advantage by expanding sales in differentiated market through mass production of 20nm products in '13 | □ Region: Global □ Launch: Oct '12 □ Name : 4GB DDR3 DRAM |
| Mass produce 2ynm 512GB SSD for computer | □ Mass produce the best performance high-capacity 512GB SSD in the world - Develop high-performance SSD with high-performance 3bit MLC as the first in the industry - Lead market expansion by mass producing high-end/mass market SSD simultaneously □ Continue to strengthen business competitiveness in the premium memory market by expanding premium ultra notebook market in '13 | □ Region: Global □ Launch: Oct '12 □ Name : 512GB SSD |

| Research Project | Research Results and Expected Effect | In case applied to a product, name of the product and application |
|---|---|---|
| Mass produce 10nm 64GB eMMC internal storage for mobile | □ Mass produce 64GB eMMC with next generation standard as the first in the world - Launched next generation product after the launch of eMMC 4.5 product in Jul '12.7 - Equipped with best performance 10nm 64GB NAND since Oct '12 □ Take the lead in high performance mobile device market with subminiature package that has 10 times faster speed than external memory card Class10 | □ Region: Global □ Launch: Nov '12 □ Name : 64GB eMMC internal memory card |
| Smart TV Service | □ Smart Hub service launch in '13 Provides Smart Hub that enables easy and fast access to contents by category via five panel Uls On TV: Recommends program based on viewing history by the hour Movies & TV Shows: Recommends popular/new VOD based on user's viewing history Photos, Videos & Music: Provides list of recently played/recorded photos/music/videos Social: list of contents recommended by SNS friends/ video call Apps: Shows recommended/ downloaded apps □ SDK 4.1 Public Release Reinforces platform and ecosystem by adding major S/W module platform of '13 Supports Linux and Mac emulator and provides local Cloud Emulator functions Adds Smart Controller functions of '13 Native IME (response to '13 input device) | □ Region: Global □ Launch: Feb '13 |
| Smart Input Device | □ Introduction of 2013 smart wireless keyboard Easy to control device with QWERTY text input and Touch Pad Supports multi pairing between BT standard devices including TV/mobile (shortcut) □ Introduction of 2013 external camera Improves Skype resolution with 5M pixel camera EPTZ(Electronic Pan Tilt Zoom), Face Tracking One Hand Gesture Recognition | □ Region: Global □ Launch: Mar '13 |
| HDD Broadcasting Multi-device (BD-F8500) | □ Key features Dual Tuner, CI, LAN, USB 2.0, HDMI, S-PDIF, Internal HDD, WiFi, Record 3D broadcasts □ Development Applied '13 UX & Apps, Applied Fox-B, New Micom (Nuvoton, 32bit), Movie & TV Show, Screen Mirroring, Remote Access | □ Region: Europe □ Launch: Mar '13 |
| BD Player (BD-F7500) | □ Key features 4K 3D Wifi BDP premium model Internal 4K Scaler / 2HDMI (4K/Audio) TV 7080 design matching VFD Front Display Smart Hub / Screen mirroring 2 x 2 Dual band Wifi module (minimized interference) □ Development Scaler Chip for 4K HDMI exclusively for Audio (increase usability) Strengthen Smart Hub functions (Movie & TV Show, Screen Mirroring, Remote Access) Reinforce security with TrustZone | □ Region: Global □ Launch: Mar '13 |
| Smart Interaction | □ Improved motion recognition - Improve motion sensitivity, Thumbs Up recognition □ Increased interactive voice response supported countries - Countries added: Canada/Switzerland/Spain - Countries supported: 9 (as of end-June) - US, UK, Korea, France, Germany, Australia, Canada, Switzerland, Spain □ Introduced built-in camera for OLED/UHD TV Reflected new developments on circuit/apparatus for OLED Design 5M pixels, support motion/face recognition (same spec as LED F8000) | □ Region: Global □ Launch: Jun '13 □ Applied products - Motion recognition: TV with built-in camera - Interactive voice response: Models of LED 6400 or higher - Built-in camera: OLED TV KN55S9CAF, UHD TV 55/65 F9000 |

| Research Project | Research Results and Expected Effect | In case applied to a product, name of the product and application |
|---|---|---|
| Monitor (SC770) | □ Added Touch Monitor Line up in '13 Introduced Touch Monitor to create a new market □ Reinforced user convenience - Secured absolute advantage over competitors by providing differentiated usability&design □ Optimum solution for using Touch - Fast Touch and 10 Points multi Touch possible by applying capacitive sensing Touch, Windows8 certification - Ergonomic sliding stand structure - Wide viewing range Panel and contrast range three times wider than plain monitor □ Premium design - Premium design with metallic materials - Narrow Bezel design that maximizes immersive experience when using Touch | □ Region: America/Europe/etc. □ Launch: Jun '13 □ Inch : 24" |
| Open Cell Monitor (SC590) | □ Seek to introduce Open Cell to Display product line - Introduced Open Cell model □ Reinforced lineups - Open Cell new lineups - Cheaper model than existing SC570 model as responding to 27" Slim Design □ Reinforced user convenience - Narrow Bezel Design provides immersive experience aesthetic value - Applied wide viewing range PLS Panel, reproduce vivid color in any angle - Increased connection devices such as PC and imaging device by supporting HDMI | □ Region: Global □ Launch: Aug '13 □ Inch : 27" |
| LFD ME95C | □ Product Concept - Ultra-large-size 95" LED LFD(world's largest Edge LED LFD) - Slim Bezel & Depth Metallic Black Premium Design - Symmetric Design for both vertical/horizontal use - Valuable functions for Smart Meeting Room □ Product specification - Support PIM Half Embedded structure - Support automatic Pivot, using sensor - Terminal: D -sub,DVI,Component(AV),DP,HDMIx3,RS232C | □Region: America/Europe/Domestic, etc. □ Launch: Dec '13 □ Inch : 95" |
| Mobile AP development | □ Developed and mass produced big.LITTLE based octa-core Mobile AP as the first in the industry - Maximized benefits of low power consumption with big.LITTLE based octa-core - GPU capacity twice the 'Exynos 4 Quad' products - Support WQXGA – can be applied to smartphone and tablet - Applied eMMC 5.0 and USB 3.0 interface as the first in the industry - Continue to secure the Company's AP technology leadership | □ Region : Global □ Launch : Mar '13 □ Name : Exynos 5 Octa |
| Mass produce 10nm 128Gb NAND Flash for mobile | □ Mass produced high capacity 10nm 128Gb NAND Flash - Launched twice the capacity of 10nm 64Gb in Nov '12 - Equipped best capacity 20nm 64Gb NAND from May '12 □ Strengthen product competitive edge and lead memory market growth with 128Gb NAND-based memory card and expansion of SSD market | □ Region : Global □ Launch : Mar '13 □ Name : 128Gb NAND Flash |
| Mass produce 20nm 1TB Server SSD for Server | □ Mass produced world best performance 1TB class Server storage - High-efficiency solution for cloud service market - Enhanced Server system capacity by six fold, reduced power consumption by 30% □ Lead premium SSD market growth by developing next generation SSD - Solidified competitive advantage with high value-added Server SSD | □ Region : Global □ Launch : Mar '13 □ Name : 960GB Server SSD |
| Smart card IC | □ Acquired 'CC EAL7' with Smart card IC as the first in the industry - Applied world-class design/manufacture/security technology - Established standard modeling that can resist various types of hacking attacks Issue certification via ANSSI, a French security agency □ Promote the Company's image as a leader of smart card IC technology and continue to increase FSID market presence | □ Region : Global □ Launch : Mar '13 □ Name : S3FT9KF |

| Research Project | Research Results and Expected Effect | In case applied to a product, name of the product and application |
|--|---|--|
| eFlash process | □ Developed 45nm eFlash process as the first in the industry - Secured commercialization technology by developing smart card IC test chip - Reduced power consumption 25%, data reading time 50% - Plan to mass produce the first commercialized product in 2H14 - Applied to MCU product foundry/ASIC business □ Promote the Company's image as a leader of smart card IC technology and induce foundry/ASIC customers | □ Region : Global □ Launch: May '13 □ Name: 45nm eFlash |
| 160lm/W middle power LED package | □ Mass produced 160lm/W middle power, which is the best in the industry - Middle power achieved luminance efficiency of 160 lumen per watt - First to mass produce industry-best LED package □ Promote the Company's image as a leader of middle power technology and continue to secure LED market presence | □ Region : Global □ Launch: Feb '13 □ Name: LM561B |
| Mass produce 3D vertical 128Gb V-NAND Flash | □ Mass produce new concept 128Gb 3D V-NAND Flash as the first in the world Overcome the limits of miniaturization by 3D CTF(Charge Trap Flash) cell structure innovation and vertical layer process innovation Increased degree of integration by twofold/ cell life by tenfold/ writing speed by twofold □ Secured Tera bit NAND mass production technology with 300 core patents Strengthen technological competitive advantage to take the lead in large capacity market | □ Region : Global □ Launch: Aug '13 □ Name: 128Gb V-NAND Flash |
| Mobile 20nm 8Gb LPDDR4 DRAM | □ Develop next generation 20nm 8Gb LPDDR4 DRAM as the first in the world - Develop lowest power consumption/ highest speed mobile DRAM - Create LPDDR4 market in '14 after LPDDR3 in '12 □ Build 20nm 8Gb DRAM mobile/server full lineup - Create new market by launching 4GB in '14, the largest capacity in mobile ' | □ Region : Global □ Launch: Dec '13 □ Name : 8Gb LPDDR4 Mobile DRAM |
| Develop ISOCELL Pixel technology | □ Develop next generation image sensor pixel technology as the first in the industry - Applied new method that isolates adjacent pixel - Enhanced sensitivity by minimizing loss of electric signal - Provide a sample of the first product with new technology □ Strengthened the Company's leadership in image sensor market | □ Region : Global □ Launch : Nov '13 □ Name : S5K4H5YB |
| Develop ultra-large-size/ high resolution LCD TV panel | □ Mass produced 55",65" UHD TV panel □ Strengthen market leadership and contribute to commercialization of UHD TV by expanding UHD TV lineups | □ Region : Global □ Launch : Jun '13 |
| Develop OLED TV panel (55") | □ Take the lead in the next generation TV market by launching curved OLED TV □ Secure competitiveness by enabling Zero Pixel Defect definition | □ Region : Global □ Launch : Jun '13 |
| Wearable Display Watch | □ Create new OLED Application market based on design differentiation □ Develop 1.63" high-resolution Compact Design | □ Region : Global □ Launch : Sep '13 |
| Develop high-resolution OLED panel | □ Secure advantages in terms of resolution compare to competitors and strengthen market competitiveness by developing high-resolution technology □ Mass produce smartphone OLED panel | □ Region : Global □ Launch : Apr '13 |
| Develop Flexible technology | □ Secure advanced technology to take the lead in the next generation products □ Mass produce curved display for smartphone as the first in the world | □ Region : Global □ Launch : Oct '13 |
| Develop UHD OLED TV panel | □ Develop R/G/B technology UHD products as the first in the world □ Reinforce market leadership and differentiate products by expanding UHD TV lineups | □ Region : Global □ Launch : TBD |
| High-resolution low power consumption Tablet product technology | □ Mass produce high-resolution Tablet panel □ Achieved low power consumption of tablet products and higher rate of production by enhancing transmissivity | □ Region : Global □ Launch : Feb '14 |
| Mass produce Server 3D V-NAND based 960GB high reliability SSD | □ Mass produced 3D V-NAND based high-reliability 960GB SSD as the first in the world Equal performance with SLC NAND SSD by using 3D V-NAND Increased customer value with high-reliability/high performance/high capacity/ low power consumption □ Maximized efficiency of investment in datacenter with ultra power saving solution Secure competitiveness for expansion of next generation green IT market | □ Region : Global □ Launch : Sep '13 □ Name: 960GB 3D V-NAND SSD |

| Research Project | Research Results and Expected Effect | In case applied to a product, name of the product and application |
|--|---|---|
| Mass produce 20nm 4GB DDR3 DRAM for server | □ Mass produce ultra-fine 20nm 4GB DDR3 DRAM as the first in the world - Applied independently developed high-density/high-speed/low-power consumption technology - Enhanced productivity by 30% compare to 25nm □ PC and server full line-up to be launched with 20nm 4GB DRAM - Enhance competitiveness by launching the whole line-up including mobile in the future | □ Region : Global □ Launch : Feb '14 □ Name : 4GB DDR3 DRAM |
| Develop new ISOCELL image sensor | □ Launched new 1600 megapixel ISOCELL image sensor - Clear image even in dark places - 16 megapixel / 30pfs per second (first in the industry) - 16:9 aspect ratio FullHD resolution □ Developed 13 megapixel stacked ISOCELL image sensor - Smaller chip size and wider circuit range by applying stacked structure - Diversification of exposure with smart WDR function improves color in backlight | □ Region : Global □ Launch : Mar '14 □ Name : S5K2P2 |
| Develop new mobile AP product with HMP solution | □ Launched new Exynos 5 Octa (5422) product - Enhance power efficiency by combining and utilizing 8 high-capacity/low-power consumption cores through applying HMP solution - Support WQHD and WQXGA ultra-high resolution - Strengthen low-power consumption capacity by using automatic conversion to power save mode and mobile video compression technology □ Launched new Exynos 5 Hexa (5250) product - Enhance power efficiency by combining and utilizing 6 high-capacity/low power consumption cores through applying HMP solution - Support WQXGA ultra-high resolution | □ Region : Global □ Launch: Jan/Mar '14 □ Name : Exynos5250/ Exynos5422 |
| Develop new smart card product | □ Launched NFC with internal flash memory (e-flash) - Used 45nm e-flash logic process as the only one in the industry, which improves density and power efficiency compare to 90nm products - Miniaturized products by supporting smallest antenna solution - Enabled mobile POS through NFC chip as the first in the industry ※ POS (Point of Sales): point of sale information management system | □ Region : Global □ Launch: Jan '14 □ Name : S3FWRN5 |
| UHD TV HU9000 | □ Ultimate Curved UHD TV that provides perfect immersive experience - Adopted ergonomic Curved LED Panel □ Clear differentiation values compare to competitors - Smart Hub function with Multi-Link Screen added - The only Evolutionary UHD TV □ Premium design - Ergonomic Curved Design - The best premium image through Immersive Viewing Experience | □ Region : Global □ Launch: Mar '14 □ Inch : 55"/65" |
| UHD TV HU9000 (105") | □ Wide Curved(21:9) 105" UHD TV - Introduced ultra-large size 105" Curved UHD TV as the first in the world - Adopted SDC 4200R 105" Wide Curved Panel - Applied Golf-AP/MP Platform - Provide ultimate immersive experience and realistic viewing experience | □ Region : Middle East □ Launch : Jun '14 □ Inch : 105" |
| Mass produce 2 nd generation V-NAND based 1TB SSD for PC | □ Mass produced 2nd generation 3D V-NAND based 1TB SSD as the first in the world Opened up 'the era of popularized 3D memory' with 2nd generation V-NAND Target PC market after creating server market last year □ Launched high-reliability, high-capacity, low-power consumption V-NAND SSD line-up Increased life by twofold and reduced power consumption by 20% compare to existing SSD Launch 'V-NAND SSD' in 53 nations around the world starting in July | □ Region : Global □ Launch : May '14 □ Name : 1TB, V-NAND SSD |
| Develop new ISOCELL Image sensor | □ Develop 13 megapixel stacked ISOCELL image sensor - Smaller chip size and wider circuit range by applying stacked structure - Diversification of exposure with smart WDR function improves color in backlight | □ Region : Global □ Launch : Jun '14 □ Name : S5K3M2 |

| Research Project | Research Results and Expected Effect | In case applied to a product, name of the product and application |
|---|--|---|
| Develop new mobile AP product | □ Launched new Exynos 5 Octa (5430) product - Increased power efficiency by applying 20nm low-power consumption HKMG process - Enhanced performance by applying HMP solution and can work individually depending on low power core needs - Enhanced low power consumption property by using automatic conversion to power save mode and mobile video compression technology - Support WQHD and WQXGA ultra high-resolution | □ Region : Global □ Launch : Jun '14 □ Name : Exynos 5430 |
| UHD TV (UN105S9WAF) | □ Product Concept Wide Curved(21:9) 105" UHD TV Need to solidify market leadership by introducing ultra-large size 105" UHD TV as the first in the world □ Spec and effects | □ Region : Global □ Launch : Jul '14 □ Inch: 105" |
| LFD QMD | □ Introduced Premium UHD Line Up - Introduced high resolution UHD LFD lineup - Applied SE13U Platform - Applied spec to respond to LFD Usage - Reduced additional investment costs by sharing TV HU7K design □ Main functions - Support full HD screen split in 4 (2/3/4 splits) - DP 1.2 and SBB applicable | □ Region : Global □ Launch : Aug '14 □ Inch: 85" |
| Bendable TV Nov (UN78S9BAF) | □ World's first Bendable UHD TV - Secured technology leadership □ Design - Adopted Timeless Gallery Design - Becomes an aesthetic object when power is off | □ Region : Domestic □ Launch : Nov '14 □ Inch: 78" |
| Mass produce PC/server 32 layer 3bit 3D V-NAND | □ Mass produced the world's first 3bit 3D V-NAND based 1TB SSD - Opened up the era of "popularized V-NAND SSD" with 3bit V-NAND - Target the standard SSD market with V-NAND that has 50% higher productivity □ Reinforced highly reliable, high-performance, low energy consuming V-NAND SSD lineup - Launched mSATA and M.2 SSD lineups in addition to the existing 2.5" - Launched '850 EVO SSD' in 53 nations around the world in Dec | □ Region : Global □ Launch : Oct '14 □ Inch: 128Gb 3bit 3D V-NAND (850 EVO SSD) |
| Mass produce mobile 20nm 8Gb LPDDR4 DRAM | □ Mass produced the world's first ultrafine 20nm 8Gb LPDDR4 DRAM - Applied "highly integrated/ultrahigh speed/high-density" solution developed by the Company - Created the world's first 4GB market and took the lead □ Led growth of the DRAM market by expanding 20nm DRAM lineup - Plan to take the lead in the market by expanding next-generation lineups(8/6/4Gb) in the future | □ Region : Global □ Launch : Dec '14 □ Inch: 8Gb LPDDR4 DRAM |

11. Other Information

A. Intellectual Property Rights

In 2014, the Company invested KRW 15.3 trillion and registered 7,574 domestic and 14,342 overseas patents, including approval for 4,952 US patents. As a result, the Company maintained second place in terms of numbers of patents registered in US amongst global technology companies for nine (9) consecutive years since 2006.

< Number of Patents Registered in Each Country (as of December 31, 2014, cumulative)>

(Unit: # of Patents)

| | | Korea US | | Europe | China | Japan | Others |
|----|-------|----------|--------|--------|-------|-------|--------|
| Nı | umber | 32,507 | 35,718 | 14,834 | 9,099 | 6,814 | 7,735 |

The Company registered its first US patent in 1984, and now holds 106,707 patents around the world.

<Number of Patent Registrations Per Year>

(Unit: # of Patents)

| | '14 | '13 | '12 | '11 | '10 | '09 | '08 | '07 |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Korea | 3,970 | 2,762 | 2,013 | 1,610 | 1,612 | 1,485 | 4,740 | 10,974 |
| US | 4,952 | 4,676 | 5,081 | 4,894 | 4,551 | 3,611 | 3,515 | 2,725 |

These patents are mostly related to smartphone, smart TV, flash memory, and system LSI products for the Company's strategic business products or for future use. These patents not only protect the Company's business but also play a role in keeping similar technology and patents, as well as competitors, in check. In addition, as some of the patents are for new materials and next-generation mobile communication, the Company expects them to protect its business in the future when it enters into new businesses.

The Company has also been focusing on securing design patents to protect its original design applied to smartphones and LED TVs. In 2014, the Company acquired 832 US patents, in part for the aforementioned purpose.

B. Environmental regulations

The Company strictly abides by environmental regulations on products and in the workplace, as prescribed by law. In addition, to following "the low carbon green growth policy" of the Korean government, the Company has been increasing the number of "Green Technology Certifications" and reports "the amount of CO2 emission and energy use" to the government and provides related information to stakeholders.

(See ¶9. Green Management』 of ¶XI. Other Information Related to Investment Protection』 for more details about Green Technology Certification.)

(Environmental Regulation of Products)

The environmental regulation of products are becoming stricter reflecting the concerns of governments and regulators about potential direct and indirect impact of products to consumers' health and safety as consumers. Accordingly, the Company is working to minimize the environmental impact throughout the entire life cycle of products from the development stage of components and products to manufacturing, distribution, use, and disposal. The Company offers "Eco-Partner Certification" to suppliers for components free of harmful substances, and runs an "eco-design evaluation"

system to reflect eco-friendly elements on products (reduced use of resources, energy and harmful substances, and the use of eco-friendly materials) at the development stage, and operates a "waste electronics collection recycle system" in Europe, North America, Korea, and India for collecting and recycling waste electronics. These activities are in line with domestic and foreign environmental laws on electronics and are a differentiation factor for the Company and its products.

Relevant laws are as follows:

- 1. law on collection and recycle of waste electronics (e.g., EU WEEE Directive)
- 2. limit on the use of harmful substances (e.g., EU RoHS Directive, REACH Regulation)
- 3. regulation on energy efficiency (e.g., EU ErP Directive)

(Environmental Regulations in the Workplace)

The Company operates environmental pollution prevention facilities to reduce air pollution, water pollution, and waste disposal, and to minimize the discharge of pollutants, thereby minimizing impact on the surrounding environment.

Environmental management of workplace is supervised by the relevant government authorities. All production facilities, domestic and overseas, have acquired the International Occupational Health and Safety Management System Certification (ISO 14001, OHSAS18001) to strengthen compliance.

Major Relevant Domestic and International Laws are as follows:

- 1. Regulations related to emission of pollutants: Water Quality and Ecosystem Conservation Act, Clean Air Conservation Act, Wastes Control Act, Noise and Vibration Control Act, Environmental Impact Assessment Act
- 2. Management of greenhouse gas emission: Greenhouse gas emission report, Goal management system
- 3. Others: Toxic Chemicals Control Act, Odor Control Law, Soil Environment Conservation Act

(Greenhouse gas emission and energy consumption management)

The Company is a "controlled entity" according to Article 42 of Korea's "Framework Act on Low Carbon, Green Growth." Thus, the Company has been reporting the amount of greenhouse gas emission and energy consumption, verified by a third-party, to the authorities and disclosing it to stakeholders according to Article 44 of the same Act since May 2011.

The reported amount of greenhouse gas emission and energy use are provided below:

| | 2014 | 2013 | 2012 |
|---------------------------------|-----------|-----------|-----------|
| Greenhouse gas (Unit: tCO2e) | 6,775,019 | 6,303,033 | 6,004,674 |
| Energy (Unit: TJ) | 101,386 | 96,298 | 91,330 |

^{* 62} workplaces, including domestic manufacturing facilities, company buildings, and company owned buildings.

The Company achieved its own greenhouse emission and energy consumption limit goal for 2014 through energy-saving activities and by installing energy efficient equipment to meet greenhouse gas reduction.

^{*} Reported Greenhouse gas emission excludes ozone depletion substances (ODS).

III. Financial Affairs

1. Consolidated Financial Statements

CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(In millions of Korean won, in thousands of U.S dollars (refer to III. 2 - 2.28))

| | | December 31, | December 31, | December 31, | December 31, |
|------------------------------------|----------|--------------|--------------|--------------|--------------|
| | Notes | 2014 | 2013 | 2014 | 2013 |
| | | KRW | KRW | USD | USD |
| Assets | | | | | |
| Current assets | | | | | |
| Cash and cash equivalents | 4, 6, 7 | 16,840,766 | 16,284,780 | 15,997,688 | 15,469,535 |
| Short-term financial instruments | 5, 6, 7 | 41,689,776 | 36,722,702 | 39,602,713 | 34,884,299 |
| Short-term available-for-sale | 6.0 | | | | |
| financial assets | 6, 9 | 3,286,798 | 1,488,527 | 3,122,255 | 1,414,009 |
| Trade receivables | 6, 7, 10 | 24,694,610 | 24,988,532 | 23,458,355 | 23,737,562 |
| Non-trade receivables | 10 | 3,539,875 | 2,887,402 | 3,362,663 | 2,742,854 |
| Advances | | 1,989,470 | 1,928,188 | 1,889,874 | 1,831,660 |
| Prepaid expenses | | 3,346,593 | 2,472,950 | 3,179,057 | 2,349,150 |
| Inventories | 11 | 17,317,504 | 19,134,868 | 16,450,560 | 18,176,943 |
| Other current assets | | 1,795,143 | 2,135,589 | 1,705,275 | 2,028,678 |
| Assets held-for-sale | 12, 37 | 645,491 | 2,716,733 | 613,177 | 2,580,729 |
| Total current assets | | 115,146,026 | 110,760,271 | 109,381,617 | 105,215,419 |
| Non-current assets | | | | | |
| Long-term available-for-sale | 6, 9 | | | | |
| financial assets | 0, 9 | 12,667,509 | 6,238,380 | 12,033,351 | 5,926,076 |
| Investment in affiliates and joint | 12 | | | | |
| ventures | 1.2 | 5,232,461 | 6,422,292 | 4,970,515 | 6,100,781 |
| Property, plant and equipment | 13 | 80,872,950 | 75,496,388 | 76,824,309 | 71,716,907 |
| Intangible assets | 14 | 4,785,473 | 3,980,600 | 4,545,904 | 3,781,324 |
| Long-term prepaid expenses | | 4,857,126 | 3,465,783 | 4,613,970 | 3,292,280 |
| Deferred income tax assets | 29 | 4,526,595 | 4,621,780 | 4,299,986 | 4,390,406 |
| Other non-current assets | | 2,334,818 | 3,089,524 | 2,217,933 | 2,934,857 |
| Total assets | | 230,422,958 | 214,075,018 | 218,887,585 | 203,358,050 |

CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(In millions of Korean won, in thousands of U.S dollars (refer to $\ III.\ 2$ - 2.28))

| | | December 31, | December 31, | December 31, | December 31, |
|---------------------------------|-----------|--------------|--------------|--------------|--------------|
| | Notes | 2014 | 2013 | 2014 | 2013 |
| | | KRW | KRW | USD | USD |
| Liabilities and Equity | | | | | |
| Current liabilities | | | | | |
| Trade and other payables | 6 | 7,914,704 | 8,437,139 | 7,518,480 | 8,014,761 |
| Short-term borrowings | 6, 8, 15 | 8,029,299 | 6,438,517 | 7,627,338 | 6,116,194 |
| Other payables | 6 | 10,318,407 | 9,196,566 | 9,801,850 | 8,736,170 |
| Advances received | | 1,427,230 | 1,706,313 | 1,355,780 | 1,620,892 |
| Withholdings | | 1,161,635 | 1,176,046 | 1,103,482 | 1,117,171 |
| Accrued expenses | | 12,876,777 | 11,344,530 | 12,232,143 | 10,776,603 |
| Income tax payable | | 2,161,109 | 3,386,018 | 2,052,920 | 3,216,508 |
| Current portion of long-term | | | | | |
| liabilities | 6, 15, 16 | 1,778,667 | 2,425,831 | 1,689,624 | 2,304,390 |
| Provisions | 18 | 5,991,510 | 6,736,476 | 5,691,565 | 6,399,236 |
| Other current liabilities | | 326,259 | 467,973 | 309,930 | 444,548 |
| Liabilities held-for-sale | 37 | 28,316 | - | 26,898 | - |
| Total current liabilities | | 52,013,913 | 51,315,409 | 49,410,010 | 48,746,473 |
| Non-current liabilities | | | | | |
| Debentures | 6, 16 | 1,355,882 | 1,311,068 | 1,288,004 | 1,245,434 |
| Long-term borrowings | 6, 15 | 101,671 | 985,117 | 96,581 | 935,800 |
| Long-term other payables | 6 | 2,562,271 | 1,053,756 | 2,433,999 | 1,001,003 |
| Net defined benefit liabilities | 17 | 201,342 | 1,854,902 | 191,262 | 1,762,042 |
| Deferred income tax liabilities | 29 | 4,097,811 | 6,012,371 | 3,892,667 | 5,711,381 |
| Provisions | 18 | 499,290 | 460,924 | 474,295 | 437,849 |
| Other non-current liabilities | | 1,502,590 | 1,065,461 | 1,427,368 | 1,012,122 |
| Total liabilities | | 62,334,770 | 64,059,008 | 59,214,186 | 60,852,104 |

CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

(In millions of Korean won, in thousands of U.S dollars (refer to $\ III.\ 2$ - 2.28))

| | Notes | December 31, 2014 | December 31, 2013 | December 31, 2014 | December 31, 2013 |
|---|-------|----------------------|----------------------|----------------------|----------------------|
| | | KRW | KRW | USD | USD |
| Equity attributable to owners | | | | | |
| of the parent | | | | | |
| Preferred stock | 20 | 119,467 | 119,467 | 113,486 | 113,486 |
| Common stock | 20 | 778,047 | 778,047 | 739,097 | 739,097 |
| Share premium | | 4,403,893 | 4,403,893 | 4,183,426 | 4,183,426 |
| Retained earnings | 21 | 169,529,604 | 148,600,282 | 161,042,656 | 141,161,092 |
| Other components of equity | 23 | (12,729,387) | (9,459,073) | (12,092,132) | (8,985,535) |
| Accumulated other comprehensive income attributable to assets held- | | | | | |
| for-sale | 37 | 80,101 | - | 76,091 | - |
| | | 162,181,725 | 144,442,616 | 154,062,624 | 137,211,566 |
| Non-controlling interests | | 5,906,463 | 5,573,394 | 5,610,775 | 5,294,380 |
| Total equity | | 168,088,188 | 150,016,010 | 159,673,399 | 142,505,946 |
| Total liabilities and equity | | 230,422,958 | 214,075,018 | 218,887,585 | 203,358,050 |

CONSOLIDATED STATEMENTS OF INCOME

(In millions of Korean won, in thousands of U.S dollars (refer to \mathbb{Z} . 2 - 2.28))

| | | F | or the year end | ed December 3 | 1, |
|--|--------|-------------|-----------------|---------------|-------------|
| | Notes | 2014 | 2013 | 2014 | 2013 |
| | | KRW | KRW | USD | USD |
| Revenue | | 206,205,987 | 228,692,667 | 195,882,955 | 217,243,913 |
| Cost of sales | 25 | 128,278,800 | 137,696,309 | 121,856,939 | 130,802,991 |
| Gross profit | | 77,927,187 | 90,996,358 | 74,026,016 | 86,440,922 |
| Selling and administrative expenses | 25, 26 | 52,902,116 | 54,211,345 | 50,253,744 | 51,497,430 |
| Operating profit | | 25,025,071 | 36,785,013 | 23,772,272 | 34,943,492 |
| Other non-operating income | 27 | 3,801,357 | 2,429,551 | 3,611,054 | 2,307,923 |
| Other non-operating expense | 27 | 2,259,737 | 1,614,048 | 2,146,611 | 1,533,246 |
| Share of profit of affiliates | | | | | |
| and joint ventures | 12 | 342,516 | 504,063 | 325,369 | 478,829 |
| Financial income | 28 | 8,259,829 | 8,014,672 | 7,846,328 | 7,613,444 |
| Financial expense | 28 | 7,294,002 | 7,754,972 | 6,928,852 | 7,366,745 |
| Profit before income tax | | 27,875,034 | 38,364,279 | 26,479,560 | 36,443,697 |
| Income tax expense | 29 | 4,480,676 | 7,889,515 | 4,256,366 | 7,494,552 |
| Profit for the year | | 23,394,358 | 30,474,764 | 22,223,194 | 28,949,145 |
| Profit attributable to owners of the | | | | | |
| parent | | 23,082,499 | 29,821,215 | 21,926,949 | 28,328,313 |
| Profit attributable to non-controlling | | , , | , , | , , | , , |
| interests | | 311,859 | 653,549 | 296,245 | 620,832 |
| Earnings per share for profit | | | | | |
| attributable to owners of the parent | | | | | |
| (in Korean Won, in US dollars) | 30 | | | | |
| - Basic | | 153,105 | 197,841 | 145.44 | 187.94 |
| - Diluted | | 153,096 | 197,800 | 145.43 | 187.90 |

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(In millions of Korean won, in thousands of US dollars (refer to $\ III.\ 2$ - 2.28))

For the year ended December 31,

| | | | • | | |
|--|---------------|---------------------------------------|-------------|-------------|------------|
| | Notes | 2014 | 2013 | 2014 | 2013 |
| | | KRW | KRW | USD | USD |
| Profit for the year | | 23,394,358 | 30,474,764 | 22,223,194 | 28,949,145 |
| Other comprehensive loss | | | | | |
| Items not to be reclassified to profit or loss subsequently: | | | | | |
| Remeasurement of net defined benefit liabilities, net of | | | | | |
| tax | 17, 23 | (710,318) | (213,113) | (674,758) | (202,444) |
| Items to be reclassified to profit or loss subsequently: | | | | | |
| Changes in value of available-for-sale financial assets, | | | | | |
| net of tax | 9, 23 | (232,105) | 186,480 | (220,485) | 177,144 |
| Share of other comprehensive income (loss) of |), 2 5 | (232,103) | 100,100 | (220, 100) | 1,,,111 |
| affiliates and joint ventures, net of tax | 12, 23 | (128,932) | 20,756 | (122,477) | 19,717 |
| Foreign currency translation, net of tax | 23 | (922,059) | (1,000,961) | (875,899) | (950,851) |
| Other comprehensive loss for the year, net of tax | | (1,993,414) | (1,006,838) | (1,893,619) | (956,434) |
| Total comprehensive income for the year | | 21,400,944 | 29,467,926 | 20,329,575 | 27,992,711 |
| Comprehensive income attributable to : | | | | | |
| Owners of the parent | | 20,990,732 | 28,837,590 | 19,939,900 | 27,393,930 |
| Non-controlling interests | | 410,212 | 630,336 | 389,675 | 598,781 |
| · · · · · · · · · · · · · · · · · · · | | · · · · · · · · · · · · · · · · · · · | | | |

(In millions of Korean won)

| | | | | | | Other | other comprehensive income | Equity attributable | Non- | |
|--|--------|-----------------|-----------------|------------------|-------------------|-------------------------|---|----------------------------|--------------------------|-------------|
| _2013 KRW | Notes | Preferred stock | Common stock | Share premium | Retained earnings | components of equity | attributable to assets held-for-sale | to owners of the parent | controlling interests | Total |
| Balance as at January 1, 2013 | | 119,467 | 778,047 | 4,403,893 | 119,985,689 | (8,193,044) | - | 117,094,052 | 4,386,154 | 121,480,206 |
| Profit for the year | | - | - | - | 29,821,215 | _ | - | 29,821,215 | 653,549 | 30,474,764 |
| Changes in value of available-for-sale | | | | | | | | | | |
| financial assets, net of tax | 9, 23 | - | - | - | - | 187,477 | - | 187,477 | (997) | 186,480 |
| Share of other comprehensive income | | | | | | | | | | |
| (loss) of affiliates and joint ventures, | 10.00 | | | | | 20.040 | | 20.040 | (102) | 20.756 |
| net of tax | 12, 23 | - | - | - | - | 20,949 | = | 20,949 | (193) | 20,756 |
| Foreign currency translation, net of tax | 23 | - | - | - | - | (986,691) | - | (986,691) | (14,270) | (1,000,961) |
| Remeasurement of net defined benefit | 17, 23 | | | | | (205 260) | | (205 260) | (7.752) | (212 112) |
| liabilities, net of tax | 17, 23 | | - | | | (205,360) | - | (205,360) | (7,753) | (213,113) |
| Total comprehensive income (loss) | | - | - | - | 29,821,215 | (983,625) | - | 28,837,590 | 630,336 | 29,467,926 |
| Dividends | 22 | - | - | - | (1,206,622) | - | - | (1,206,622) | (42,155) | (1,248,777) |
| Capital transaction under common | | | | | | (2.1.2.0.20) | | (2.1.2.0.20) | 500 0 1 | |
| control | | - | - | - | - | (312,959) | - | (312,959) | 600,042 | 287,083 |
| Changes in consolidated entities | 22 24 | - | - | - | - | - | = | - | (918) | (918) |
| Disposal of treasury stock | 23, 24 | - | - | - | - | 41,817 | - | 41,817 | - | 41,817 |
| Stock option activities | 23, 24 | - | - | - | - | (11,999) | - | (11,999) | - | (11,999) |
| Others | | - | - | - | - | 737 | - | 737 | (65) | 672 |
| Total transactions with owners | | - | - | - | (1,206,622) | (282,404) | - | (1,489,026) | 556,904 | (932,122) |
| Balance as at December 31, 2013 | | 119,467 | 778,047 | 4,403,893 | 148,600,282 | (9,459,073) | - | 144,442,616 | 5,573,394 | 150,016,010 |

Accumulated

(In thousands of US dollars (refer to III. 2 - 2.28))

| 2013 USD | Notes | Preferred stock | Common stock | Share premium | Retained | Other components | Accumulated other comprehensive income attributable to assets held-for-sale | Equity attributable to owners of | Non- controlling interests | Total |
|--|--------|--------------------|-----------------|------------------|-----------------|------------------|---|----------------------------------|----------------------------------|-------------|
| 2013 USD | Notes | SIUCK | Stock | premium | earnings | of equity | assets helu-for-sale | the parent | interests | Total |
| Balance as at January 1, 2013 | | 113,486 | 739,097 | 4,183,426 | 113,978,996 | (7,782,886) | - | 111,232,119 | 4,166,575 | 115,398,694 |
| Profit for the year | | - | - | - | 28,328,313 | - | - | 28,328,313 | 620,832 | 28,949,145 |
| Changes in value of available-for-sale | | | | | | | | | | |
| financial assets, net of tax | 9, 23 | - | - | - | - | 178,091 | - | 178,091 | (947) | 177,144 |
| Share of other comprehensive income | | | | | | | | | | |
| (loss) of affiliates and joint ventures, | 10.00 | | | | | 10.000 | | 10.000 | (102) | 10.717 |
| net of tax | 12, 23 | - | - | - | - | 19,900 | - | 19,900 | (183) | 19,717 |
| Foreign currency translation, net of tax | 23 | - | - | - | - | (937,295) | - | (937,295) | (13,556) | (950,851) |
| Remeasurement of net defined benefit | 15.00 | | | | | (105.050) | | (105.050) | (7.265) | (202.444) |
| liabilities, net of tax | 17, 23 | | - | - | - | (195,079) | - | (195,079) | (7,365) | (202,444) |
| Total comprehensive income (loss) | | - | - | - | 28,328,313 | (934,383) | | 27,393,930 | 598,781 | 27,992,711 |
| Dividends | 22 | _ | _ | _ | (1,146,217) | _ | - | (1,146,217) | (40,045) | (1,186,262) |
| Capital transaction under common | | | | | (-,- :-,- : :) | | | (-,- :=, :) | (10,010) | (-,,) |
| control | | _ | - | - | _ | (297,292) | - | (297,292) | 570,003 | 272,711 |
| Changes in consolidated entities | | _ | - | - | _ | - | - | - | (872) | (872) |
| Disposal of treasury stock | 23, 24 | _ | _ | - | _ | 39,724 | - | 39,724 | ` - | 39,724 |
| Stock option activities | 23, 24 | - | - | - | - | (11,398) | - | (11,398) | - | (11,398) |
| Others | | _ | - | - | _ | 700 | - | 700 | (62) | 638 |
| Total transactions with owners | | - | - | - | (1,146,217) | (268,266) | - | (1,414,483) | 529,024 | (885,459) |
| Balance as at December 31, 2013 | | 113,486 | 739.097 | 4.183.426 | 141.161.092 | (8.985.535) | - | 137.211.566 | 5.294.380 | 142,505,946 |

(In millions of Korean won)

| 2014 KRW | Notes | Preferred stock | Common stock | Share premium | Retained earnings | Other components of equity | Accumulated other comprehensive income attributable to assets held-for-sale | Equity attributable to owners of the parent | Non- controlling interests | Total |
|--|--------|--------------------|-----------------|------------------|----------------------|----------------------------------|---|--|----------------------------------|-------------|
| Balance as at January 1, 2014 | | 119,467 | 778,047 | 4,403,893 | 148,600,282 | (9,459,073) | - | 144,442,616 | 5,573,394 | 150,016,010 |
| Profit for the year | | - | - | - | 23,082,499 | _ | - | 23,082,499 | 311,859 | 23,394,358 |
| Changes in value of available-for-sale | | | | | | | | | | |
| financial assets, net of tax | 9, 23 | - | - | - | - | (314,069) | - | (314,069) | 81,964 | (232,105) |
| Share of other comprehensive income | | | | | | | | | | |
| (loss) of affiliates and joint ventures, | 10.00 | | | | | (100 105) | | (100.405) | (125) | (100.000) |
| net of tax | 12, 23 | - | - | - | - | (128,495) | - | (128,495) | (437) | (128,932) |
| Foreign currency translation, net of tax | 23 | _ | - | - | - | (954,999) | - | (954,999) | 32,940 | (922,059) |
| Remeasurement of net defined benefit | 17.00 | | | | | (((0.4.20.4) | | ((04.204) | (1.6.1.1.4) | (710.210) |
| liabilities, net of tax | 17, 23 | _ | - | - | - | (694,204) | 00.101 | (694,204) | (16,114) | (710,318) |
| Classified as held-for-sale | 37 | - | - | - | - | (80,101) | 80,101 | - | - | <u>-</u> |
| Total comprehensive income (loss) | | - | - | - | 23,082,499 | (2,171,868) | 80,101 | 20,990,732 | 410,212 | 21,400,944 |
| Dividends | 22 | _ | _ | - | (2,157,011) | _ | _ | (2,157,011) | (74,216) | (2,231,227) |
| Capital transaction under common | | | | | () , , , | | | (, , , , | (, , | (, , , |
| control | | - | - | - | - | (158) | - | (158) | 244 | 86 |
| Changes in consolidated entities | | - | - | - | - | - | - | - | 569 | 569 |
| Acquisition of treasury stock | 23, 24 | _ | - | - | - | (1,125,322) | - | (1,125,322) | - | (1,125,322) |
| Disposal of treasury stock | 23, 24 | - | - | - | - | 32,764 | - | 32,764 | - | 32,764 |
| Stock option activities | 23, 24 | - | - | - | - | (9,436) | - | (9,436) | - | (9,436) |
| Others | | | | | 3,834 | 3,706 | | 7,540 | (3,740) | 3,800 |
| Total transactions with owners | | - | | | (2,153,177) | (1,098,446) | | (3,251,623) | (77,143) | (3,328,766) |
| Balance as at December 31, 2014 | | 119,467 | 778,047 | 4,403,893 | 169,529,604 | (12,729,387) | 80,101 | 162,181,725 | 5,906,463 | 168,088,188 |

(In thousands of US dollars (refer to III. 2 - 2.28))

| _2014 USD | Notes | Preferred stock | Common stock | Share premium | Retained earnings | Other components of equity | other comprehensive income attributable to assets held-for-sale | Equity attributable to owners of the parent | Non- controlling interests | Total |
|---|--------|-----------------|-----------------|------------------|-------------------|----------------------------|---|--|----------------------------------|-------------|
| Balance as at January 1, 2014 | | 113,486 | 739,097 | 4,183,426 | 141,161,092 | (8,985,535) | | 137,211,566 | 5,294,380 | 142,505,946 |
| Profit for the year | | 113,460 | 139,091 | 4,165,420 | 21,926,949 | (0,903,333) | - | 21,926,949 | 296,245 | 22,223,194 |
| · · · · · · · · · · · · · · · · · · · | | - | - | - | 21,920,949 | - | - | 21,920,949 | 290,243 | 22,223,194 |
| Changes in value of available-for-sale financial assets, net of tax | 9, 23 | | | | _ | (298,346) | - | (298,346) | 77,861 | (220,485) |
| Share of other comprehensive income | 9, 23 | - | - | - | - | (230,340) | - | (298,340) | 77,801 | (220,463) |
| (loss) of affiliates and joint ventures, | | | | | | | | | | |
| net of tax | 12, 23 | - | - | - | - | (122,062) | - | (122,062) | (415) | (122,477) |
| Foreign currency translation, net of tax | 23 | - | - | - | - | (907,190) | - | (907,190) | 31,291 | (875,899) |
| Remeasurement of net defined benefit | | | | | | | | | | |
| liabilities, net of tax | 17, 23 | - | - | - | - | (659,451) | - | (659,451) | (15,307) | (674,758) |
| Classified as held-for-sale | 37 | - | - | - | - | (76,091) | 76,091 | - | - | - |
| Total comprehensive income (loss) | | - | - | - | 21,926,949 | (2,063,140) | 76,091 | 19,939,900 | 389,675 | 20,329,575 |
| Dividends | 22 | - | - | - | (2,049,027) | _ | - | (2,049,027) | (70,500) | (2,119,527) |
| Capital transaction under common | | | | | | | | | , , | |
| control | | - | - | - | - | (150) | - | (150) | 232 | 82 |
| Changes in consolidated entities | | - | - | - | - | - | - | - | 541 | 541 |
| Acquisition of treasury stock | 23, 24 | - | - | - | - | (1,068,987) | - | (1,068,987) | - | (1,068,987) |
| Disposal of treasury stock | 23, 24 | - | - | - | - | 31,124 | - | 31,124 | - | 31,124 |
| Stock option activities | 23, 24 | - | - | - | - | (8,964) | - | (8,964) | - | (8,964) |
| Others | | - | - | - | 3,642 | 3,520 | - | 7,162 | (3,553) | 3,609 |
| Total transactions with owners | | - | - | - | (2,045,385) | (1,043,457) | - | (3,088,842) | (73,280) | (3,162,122) |
| Balance as at December 31, 2014 | | 113,486 | 739,097 | 4,183,426 | 161,042,656 | (12,092,132) | 76,091 | 154,062,624 | 5,610,775 | 159,673,399 |

Accumulated

CONSOLIDATED STATEMENTS OF CASH FLOWS

(In millions of Korean won, in thousands of U.S dollars (refer to III. 2 - 2.28))

Net cash used in investing activities

| | | F | or the year end | ed December 3 | 1, |
|---|-------|--------------|-----------------|---------------|--------------|
| | Notes | 2014 | 2013 | 2014 | 2013 |
| | | KRW | KRW | USD | USD |
| Cash flows from operating activities | | | | | |
| Profit for the year | | 23,394,358 | 30,474,764 | 22,223,194 | 28,949,145 |
| Adjustments | 31 | 22,323,765 | 23,804,832 | 21,206,200 | 22,613,120 |
| Changes in operating assets and liabilities | 31 | (3,837,136) | (1,313,245) | (3,645,042) | (1,247,502) |
| Cash flows from operating activities | | 41,880,987 | 52,966,351 | 39,784,352 | 50,314,763 |
| Interest received | | 1,555,373 | 1,034,074 | 1,477,508 | 982,306 |
| Interest paid | | (463,740) | (434,857) | (440,524) | (413,087) |
| Dividend received | | 1,495,658 | 592,217 | 1,420,783 | 562,570 |
| Income tax paid | | (7,492,889) | (7,450,345) | (7,117,782) | (7,077,368) |
| Net cash generated from operating activities | | 36,975,389 | 46,707,440 | 35,124,337 | 44,369,184 |
| Cash flows from investing activities Net increase in short-term financial instruments | | (1,110,842) | (19,391,643) | (1,055,231) | (18,420,863) |
| Net decrease (increase) in short-term available-for-sale financial assets | | (713,452) | 33,663 | (677,735) | 31,978 |
| Proceeds from disposal of long-term available-for-sale financial assets Acquisition of long-term available- | | 202,904 | 1,691,463 | 192,746 | 1,606,785 |
| for-sale financial assets Proceeds from disposal of affiliates | | (6,212,102) | (1,531,356) | (5,901,113) | (1,454,694) |
| and joint ventures Acquisition of affiliates and joint | | 2,014,430 | 240 | 1,913,584 | 228 |
| ventures Disposal of property, plant and | | (719,800) | (181,307) | (683,766) | (172,230) |
| equipment Purchases of property, plant and | | 385,610 | 377,445 | 366,306 | 358,549 |
| equipment | | (22,042,943) | (23,157,587) | (20,939,435) | (21,998,278) |
| Disposal of intangible assets | | 31,731 | 4,562 | 30,142 | 4,334 |
| Purchases of intangible assets | | (1,324,307) | (934,743) | (1,258,010) | (887,948) |
| Cash outflows from business | | (186.605) | (1 (= 1 = 5) | (1 (5 502) | (150 505) |
| combination | | (176,625) | (167,155) | (167,783) | (158,787) |
| Others | | (3,141,012) | (1,490,601) | (2,983,767) | (1,415,979) |

(32,806,408)

(44,747,019)

(31,164,062)

(42,506,905)

CONSOLIDATED STATEMENTS OF CASH FLOWS

(In millions of Korean won, in thousands of U.S dollars (refer to III. 2 - 2.28))

For the year ended December 31,

| | Notes | 2014 | 2013 | 2014 | 2013 |
|---------------------------------------|-------|-------------|-------------|-------------|-------------|
| | | KRW | KRW | USD | USD |
| Cash flows from financing activities | | | | | |
| Net increase (decrease) in short-term | | 1 022 410 | (1.061.526) | 1 7 41 625 | (1.7(0.244) |
| borrowings | | 1,833,419 | (1,861,536) | 1,741,635 | (1,768,344) |
| Acquisition of treasury stock | | (1,125,322) | - | (1,068,986) | - |
| Disposal of treasury stock | | 27,582 | 34,390 | 26,201 | 32,668 |
| Proceeds from long-term borrowings | | | | | |
| and debentures | | 1,740,573 | 26,672 | 1,653,437 | 25,337 |
| Repayment of long-term borrowings | | (2.200.505) | (1.260.126) | (2.124.112) | (4.200.020) |
| and debentures | | (3,299,595) | (1,368,436) | (3,134,412) | (1,299,930) |
| Payment of dividends | | (2,233,905) | (1,249,672) | (2,122,072) | (1,187,111) |
| Net increase in non-controlling | | | | | |
| interests | | 139 | 281,551 | 132 | 267,456 |
| Net cash used in financing activities | | (3,057,109) | (4,137,031) | (2,904,065) | (3,929,924) |
| | | | | | |
| Effect of exchange rate changes on | | | | | |
| cash and cash equivalents | | (555,886) | (330,070) | (528,057) | (313,546) |
| Net increase (decrease) in cash and | | | | | |
| cash equivalents | | 555,986 | (2,506,680) | 528,153 | (2,381,191) |
| | | | | | |
| Cash and cash equivalents | | | | | |
| Beginning of the year | | 16,284,780 | 18,791,460 | 15,469,535 | 17,850,726 |
| End of the year | | 16,840,766 | 16,284,780 | 15,997,688 | 15,469,535 |

2. Notes to Consolidated Financial Statements

1. General Information

1.1 Company Overview

Samsung Electronics Co., Ltd. ("SEC") was incorporated under the laws of the Republic of Korea in 1969 and listed its shares on the Korea Stock Exchange in 1975.

SEC and its subsidiaries (collectively referred to as the "Company") operate three business Divisions: Consumer Electronics ("CE"), Information technology & Mobile communications ("IM"), and Device Solution ("DS"). The CE Division includes digital TVs, monitors, printers, air conditioners and refrigerators and the IM Division includes mobile phones, communication systems, and computers. The DS Division manufactures products such as memory and system LSI products in the semiconductor business ("Semiconductor Business", or when the context requires, "Semiconductor Sub-Division"), and LCD and OLED panels in the display panel business ("DP Business Unit"). SEC is domiciled in the Republic of Korea and the address of its registered office is Suwon, the Republic of Korea.

These consolidated financial statements have been prepared in accordance with the Korean International Financial Reporting Standards ("Korean IFRS") 1110, *Consolidated Financial Statements*. SEC, as the controlling company, consolidates its 158 subsidiaries, including Samsung Display and Samsung Electronics America (Note 1.2). The Company also applies the equity method of accounting to its 37 affiliates, including Samsung Electro-Mechanics.

1.2 Consolidated Subsidiaries

(A) The consolidated subsidiaries as at December 31, 2014 are as follows:

| Area | Subsidiaries | Industry | Percentage of ownership ¹ |
|----------|--|--|--------------------------------------|
| | High Pioneer Private Investment Trust #1 | Technology business, Venture capital investments | 100.0 |
| | Samsung Display (SDC) | Manufacture and sale of display panels | 84.8 |
| | SU Materials | Manufacture of LCD components | 50.0 |
| | STECO | Manufacture of semiconductor components | 51.0 |
| | SEMES | Manufacture of semiconductor/FPD | 91.5 |
| | Samsung Electronics Service | Repair services for electronic devices | 99.3 |
| | Samsung Electronics Sales | Sale of electronic devices | 100.0 |
| D (| Samsung Electronics Logitech | General logistics agency | 100.0 |
| Domestic | Samsung Medison | Medical equipment | 68.5 |
| | Ray | Dental CT | 68.1 |
| | Samsung Venture Capital Union #6 | Technology business, Venture capital investments | 99.0 |
| | Samsung Venture Capital Union #14 | Technology business, Venture capital investments | 99.0 |
| | Samsung Venture Capital Union #20 | Technology business, Venture capital investments | 99.0 |
| | Samsung Venture Capital Union #21 | Technology business, Venture capital investments | 99.0 |
| | Samsung Venture Capital Union #22 | Technology business, Venture capital investments | 99.0 |
| | Samsung Venture Capital Union #23 | Technology business, Venture capital investments | 99.0 |
| | Samsung Venture Capital Union #26 | Technology business, Venture capital investments | 99.0 |
| | Samsung Venture Capital Union #27 | Technology business, Venture capital investments | 99.0 |
| | Samsung Electronics America (SEA) | Sale of electronic devices | 100.0 |
| A | NexusDX (Nexus) | Medical equipment | 100.0 |
| America | Samsung Receivables (SRC) | Credit management | 100.0 |
| | NeuroLogica | Medical equipment | 100.0 |

| Area | Subsidiaries | Industry | Percentage of ownership ¹ |
|--------|--|--|--------------------------------------|
| | Samsung Semiconductor (SSI) | Sale of semiconductor/LCD | 100.0 |
| | Samsung Electronics Canada (SECA) | Sale of electronic devices | 100.0 |
| | Samsung Research America (SRA) | R&D | 100.0 |
| | Grandis | R&D | 100.0 |
| | Samsung Mexicana (SAMEX) | Manufacture of electronic devices | 100.0 |
| | Samsung International (SII) | Manufacture of CTV/monitors | 100.0 |
| | Samsung Telecommunications America (STA) | Sale of communication equipment | 100.0 |
| | Samsung Austin Semiconductor (SAS) | Manufacture of semiconductor | 100.0 |
| | Samsung Electronics Mexico (SEM) | Sale of electronic devices | 99.9 |
| | SEMES America (SEMESA) | Semiconductor equipment | 100.0 |
| | Samsung Electronics Digital Appliance Mexico (SEDAM) | Manufacture of electronic devices | 99.9 |
| | Samsung Electronics Latinoamerica Miami (SEMI) | Sale of electronic devices | 100.0 |
| | Nvelo | Software | 100.0 |
| | Samsung Electronics Latinoamerica (SELA) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Venezuela (SEVEN) | Marketing and services | 100.0 |
| | Samsung Electronica Colombia (SAMCOL) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Panama (SEPA) | Consulting | 100.0 |
| | Samsung Electronica da Amazonia (SEDA) | Manufacture and sale of electronic devices | 100.0 |
| | Samsung Electronics Argentina (SEASA) | Marketing and services | 100.0 |
| | Samsung Electronics Chile (SECH) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Peru (SEPR) | Sale of electronic devices | 100.0 |
| | RT SV CO-INVEST (RT-SV) | Technology business, Venture capital investments | 99.9 |
| | Quietside | Sale of heating and cooling products | 100.0 |
| | SmartThings | Sale of smart home electronics | 100.0 |
| | PrinterOn | Sale of printing solutions | 100.0 |
| | PrinterOn America | Sale of printing solutions | 100.0 |
| | Samsung Electronics (UK) (SEUK) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Holding (SEHG) | Holding Company | 100.0 |
| | Samsung Semiconductor Europe GmbH (SSEG) | Sale of semiconductor/LCD | 100.0 |
| | Samsung Electronics GmbH (SEG) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Iberia (SESA) | Sale of electronic devices | 100.0 |
| | Samsung Electronics France (SEF) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Hungarian (SEH) | Manufacture and sale of electronic devices | 100.0 |
| Europe | Samsung Electronics Czech and Slovak (SECZ) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Italia (SEI) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Europe Logistics (SELS) | Logistics | 100.0 |
| | Samsung Electronics Benelux (SEBN) | Sale of electronic devices | 100.0 |
| | Samsung Display Slovakia (SDSK) | Toll processing of LCD | 100.0 |
| | Samsung Electronics Romania (SEROM) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Overseas (SEO) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Polska (SEPOL) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Portuguesa (SEP) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Nordic (SENA) | Sale of electronic devices | 100.0 |
| | Samsung Semiconductor Europe (SSEL) | Sale of semiconductor/LCD | 100.0 |
| | Samsung Electronics Austria (SEAG) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Slovakia (SESK) | Manufacture of CTV/monitors | 100.0 |
| | Samsung Electronics Europe Holding (SEEH) | Holding Company | 100.0 |
| S | Samsung Electronics Poland Manufacturing | Manufacture of home appliances | 100.0 |
| | (SEPM) | | |
| | | Sale of electronic devices | 100.0 |

| Area | Subsidiaries | Industry | Percentage of ownership ¹ |
|-----------------|---|-----------------------------------|--------------------------------------|
| | Nanoradio Hellas | R&D | 100.0 |
| | SonoAce Deutschland (SMDE) | Medical equipment | 100.0 |
| | Samsung Electronics Rus (SER) | Marketing | 100.0 |
| | Samsung Electronics Rus Company (SERC) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Ukraine (SEU) | Marketing | 100.0 |
| | Samsung Electronics Baltics (SEB) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Ukraine Company (SEUC) | Sale of electronic devices | 100.0 |
| | Samsung R&D Institute Rus (SRR) | R&D | 100.0 |
| | Samsung Electronics Kazakhstan (SEK) | Marketing | 100.0 |
| | Samsung Electronics Central Eurasia (SECE) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Rus Kaluga (SERK) | Manufacture of CTV | 100.0 |
| | Samsung Russia Service Centre (SRSC) | Services | 100.0 |
| | Samsung Electronics (London) Limited (SEL) | Holding Company | 100.0 |
| | Samsung Denmark Research Center (SDRC) | R&D | 100.0 |
| | Samsung France Research Center (SFRC) | R&D | 100.0 |
| | Samsung Cambridge Solution Centre (SCSC) | R&D | 100.0 |
| | Samsung Electronics Switzerland GmbH (SESG) | Sale of electronic devices | 100.0 |
| | PrinterOn Europe | Sale of printing solutions | 100.0 |
| | Samsung Electronics Caucasus (SECC) | Marketing | 100.0 |
| | Samsung Electronics West Africa (SEWA) | Marketing | 100.0 |
| | Samsung Electronics East Africa (SEEA) | Marketing | 100.0 |
| | Samsung Gulf Electronics (SGE) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Egypt (SEEG) | Manufacture of CTV/monitors | 100.0 |
| | Samsung Electronics Israel (SEIL) | Marketing | 100.0 |
| | Samsung Electronics Tunisia (SETN) | Marketing | 100.0 |
| | Samsung Electronics Pakistan (SEPAK) | Marketing | 100.0 |
| liddle East and | Samsung Electronics South Africa (SSA) | Sale of electronic devices | 100.0 |
| Africa | Samsung Electronics Turkey (SETK) | Sale of electronic devices | 100.0 |
| | Samsung Semiconductor Israel R&D Center (SIRC) | R&D | 100.0 |
| | Samsung Electronics Levant (SELV) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Morocco (SEMRC) | Sale of electronic devices | 100.0 |
| | Samsung Electronics South Africa Production (SSAP) | Manufacture of CTV/monitors | 100.0 |
| | Samsung Display Dongguan (SDDG) | Manufacture of LCD | 100.0 |
| | Samsung Display Tianjin (SDTJ) | Manufacture of LCD | 95.0 |
| | Samsung Electronics Hong Kong (SEHK) | Sale of electronic devices | 100.0 |
| | Suzhou Samsung Electronics (SSEC) | Manufacture of home appliances | 88.3 |
| | Samsung Suzhou Electronics Export (SSEC-E) | Manufacture of home appliances | 100.0 |
| | Samsung (China) Investment (SCIC) | Sale of electronic devices | 100.0 |
| | Samsung Mobile R&D Center China-Guangzhou (SRC-Guangzhou) | R&D | 100.0 |
| China | Samsung Tianjin Mobile Development Center (STMC) | R&D | 100.0 |
| | Samsung Network R&D Center China-Shenzhen (SRC-Shenzhen) | R&D | 100.0 |
| | Samsung Electronics Suzhou Semiconductor (SESS) | Toll processing of semiconductor | 100.0 |
| | Samsung Electronics (Shandong) Digital Printing (SSDP) | Manufacture of printers | 100.0 |
| | Samsung Electronics Huizhou (SEHZ) | Manufacture of electronic devices | 99.9 |
| | Tianjin Samsung Electronics (TSEC) | Manufacture of CTV/monitors | 91.2 |
| | Samsung Electronics Taiwan (SET) | Sale of electronic devices | 100.0 |
| | Beijing Samsung Telecom R&D Center (BST) | R&D | 100.0 |

| Area | Subsidiaries | Industry | Percentage of ownership ¹ |
|--------------|---|--|--------------------------------------|
| | Tianjin Samsung Telecom Technology (TSTC) | Manufacture of communication equipment | 90.0 |
| | Shanghai Samsung Semiconductor (SSS) | Sale of semiconductor/LCD | 100.0 |
| | Samsung Electronics Suzhou Computer (SESC) | Manufacture of electronic devices | 100.0 |
| | Samsung Display Suzhou (SDSZ) | Toll processing of LCD | 100.0 |
| | Samsung Suzhou LCD (SSL) | Manufacture of LCD | 60.0 |
| | Shenzhen Samsung Electronics Telecommunication (SSET) | Manufacture of communication equipment | 95.0 |
| | Samsung Electronics Shanghai Telecommunication (SSTC) | Sale of mobile communication and network equipment | 100.0 |
| | Samsung Semiconductor (China) R&D (SSCR) | R&D | 100.0 |
| | Samsung Electronics China R&D Center (SCRC) | R&D | 100.0 |
| | Samsung (China) Semiconductor (SCS) | Manufacture of semiconductor | 100.0 |
| | Samsung Electronics Hainan Fiberoptics (SEHF) | Manufacture of optical fiber/cable | 100.0 |
| | Samsung Electronics (Beijing) Service (SBSC) | Services | 100.0 |
| | Samsung Medison Shanghai Medical Instrument (SMS1) | Medical equipment | 100.0 |
| | Tianjin Samsung LED (TSLED) | Manufacture of LED | 100.0 |
| | Tianjin Samsung Opto-Electronics (TSOE) | Manufacture of cameras/camcorders | 90.0 |
| | Samsung R&D Institute China-Xian (SRC-Xian) | R&D | 100.0 |
| | SEMES (Xian) | Semiconductor equipment | 100.0 |
| | Samsung Japan (SJC) | Sale of electronic devices | 100.0 |
| | Samsung R&D Institute Japan (SRJ) | R&D | 100.0 |
| | Samsung Electronics Japan (SEJ) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Display (M) (SDMA) | Manufacture and sale of electronic devices | 100.0 |
| | Samsung Electronics (M) (SEMA) | Manufacture of home appliances | 100.0 |
| | Samsung Vina Electronics (SAVINA) | Manufacture and sale of electronic devices | 100.0 |
| | Samsung Asia Private (SAPL) | Sale of electronic devices | 100.0 |
| | Samsung India Electronics (SIEL) | Manufacture and sale of electronic devices | 100.0 |
| | Samsung R&D Institute India-Bangalore (SRI-B) | R&D | 100.0 |
| | Samsung Electronics Australia (SEAU) | Sale of electronic devices | 100.0 |
| | Samsung Electronics Indonesia (SEIN) | Manufacture and sale of electronic devices | 100.0 |
| Rest of Asia | Samsung Telecommunications Indonesia (STIN) | Sale and services of communication systems | 100.0 |
| | Thai Samsung Electronics (TSE) | Manufacture and sale of electronic devices | 91.8 |
| | Samsung Electronics Philippines (SEPCO) | Sale of electronic devices | 100.0 |
| | Samsung Malaysia Electronics (SME) | Sale of electronic devices | 100.0 |
| | Samsung R&D Institute Bangladesh (SRBD) | R&D | 100.0 |
| | Samsung Electronics Vietnam (SEV) | Manufacture of electronic devices | 100.0 |
| | Samsung Telecommunications Malaysia (STM) | Communication system services | 100.0 |
| | Samsung Electronics Vietnam THAINGUYEN (SEVT) | Manufacture of communication equipment | 100.0 |
| | Samsung Medison India (SMIN) | Medical equipment | 100.0 |
| | Samsung Electronics New Zealand (SENZ) | Sale of electronic devices | 100.0 |
| | Samsung Display Bac Ninh (SDBN) | Manufacture of LCD | 100.0 |

¹ Ownership represents the Company's ownership of voting rights in each entity.

(B) A summary of financial data of major consolidated subsidiaries is as follows:

(1) 2014

| | 2014 | | | | | | | |
|---|------|------------|-----|-----------|---|------------|---------|------------|
| (In millions of Korean won) | | Assets | Lia | abilities | | Sales | Net Inc | ome (Loss) |
| Samsung Display (SDC) | ₩ | 37,939,965 | ₩ | 6,728,991 | ₩ | 24,980,628 | ₩ | 1,698,239 |
| Samsung Electronics America (SEA) | | 10,697,787 | | 5,409,749 | | 14,076,007 | | (80,403) |
| Samsung (China) Investment (SCIC) | | 9,603,679 | | 7,830,941 | | 16,451,983 | | 162,677 |
| Samsung Semiconductor (SSI) | | 7,577,935 | | 3,883,673 | | 19,105,338 | | 194,713 |
| Samsung Electronics Europe Holding (SEEH) | | 7,022,746 | | 5,062,988 | | - | | 93,605 |
| Samsung (China) Semiconductor (SCS) | | 6,765,278 | | 3,911,166 | | 877,508 | | 166,754 |
| Samsung Electronics Vietnam (SEV) | | 6,553,628 | | 1,251,667 | | 19,811,537 | | 2,012,173 |
| Samsung Austin Semiconductor (SAS) | | 6,503,003 | | 3,375,099 | | 2,423,230 | | 78,747 |
| Samsung Telecommunications America (STA) | | 5,321,014 | | 4,573,413 | | 23,002,379 | | 66,255 |
| Samsung Electronics Huizhou (SEHZ) | | 4,966,486 | | 1,258,635 | | 17,166,345 | | 829,880 |
| Samsung Electronics Vietnam THAINGUYEN (SEVT) | | 3,957,700 | | 3,042,402 | | 8,265,414 | | 772,450 |
| Samsung Electronica da Amazonia (SEDA) | | 3,797,166 | | 1,330,302 | | 7,936,105 | | 887,715 |
| Samsung Asia Private (SAPL) | | 3,110,433 | | 671,729 | | 1,423,212 | | 1,057,873 |
| Samsung India Electronics (SIEL) | | 2,949,605 | | 1,776,936 | | 6,849,389 | | 428,757 |
| Shanghai Samsung Semiconductor (SSS) | | 2,560,852 | | 2,120,738 | | 13,331,324 | | 125,239 |
| Tianjin Samsung Telecom Technology (TSTC) | | 2,316,054 | | 789,395 | | 11,413,234 | | 510,357 |
| Samsung Electronics Slovakia (SESK) | | 1,869,697 | | 405,089 | | 4,248,232 | | 142,416 |
| Samsung Suzhou LCD (SSL) | | 1,831,794 | | 768,230 | | 815,705 | | (38,931) |
| Thai Samsung Electronics (TSE) | | 1,654,988 | | 307,109 | | 4,442,707 | | 202,647 |
| Samsung Electronics Europe Logistics (SELS) | | 1,621,583 | | 1,524,468 | | 13,320,129 | | 38,209 |
| Samsung Electronics Taiwan (SET) | | 1,583,027 | | 1,299,330 | | 4,472,432 | | 44,559 |
| Samsung Electronics Hungarian (SEH) | | 1,287,972 | | 323,972 | | 3,113,297 | | 109,549 |
| Samsung Electronics (UK) (SEUK) | | 1,235,239 | | 964,058 | | 4,304,335 | | 72,231 |
| Samsung Electronics Benelux (SEBN) | | 1,207,723 | | 245,237 | | 2,394,375 | | 30,404 |
| Samsung Electronics GmbH (SEG) | | 1,142,897 | | 1,082,420 | | 6,377,894 | | (17,881) |

(2) 2013

| | 2013 | | | | | | | |
|---|------|------------|-----|-----------|---|------------|-----|-----------|
| | - | | | | | | Net | Income |
| (In millions of Korean won) | | Assets | Lia | abilities | | Sales | (| Loss) |
| Samsung Display (SDC) | ₩ | 35,754,894 | ₩ | 6,682,229 | ₩ | 29,386,907 | ₩ | 2,400,779 |
| Samsung Electronics America (SEA) | | 12,248,560 | | 7,262,519 | | 14,321,018 | | 70,690 |
| Samsung (China) Investment (SCIC) | | 8,406,438 | | 6,780,610 | | 25,605,822 | | 743,369 |
| Samsung Semiconductor (SSI) | | 7,346,339 | | 3,991,768 | | 17,932,937 | | 39,289 |
| Samsung Austin Semiconductor (SAS) | | 6,393,348 | | 3,467,968 | | 2,409,773 | | 60,980 |
| Samsung Electronics Europe Holding (SEEH) | | 5,780,302 | | 4,025,760 | | - | | (17,863) |
| Samsung Electronics Vietnam (SEV) | | 5,625,759 | | 1,493,868 | | 26,594,578 | | 3,087,252 |
| Samsung Telecommunications America (STA) | | 4,735,432 | | 4,085,299 | | 21,387,737 | | 173,510 |
| Samsung Electronics Huizhou (SEHZ) | | 4,599,200 | | 1,802,686 | | 22,664,923 | | 1,012,728 |
| Samsung (China) Semiconductor (SCS) | | 3,752,682 | | 1,284,560 | | - | | (40,537) |
| Samsung Electronica da Amazonia (SEDA) | | 3,429,136 | | 1,658,072 | | 7,852,428 | | 920,157 |
| Tianjin Samsung Telecom Technology (TSTC) | | 2,939,027 | | 1,415,277 | | 15,293,633 | | 767,822 |
| Samsung Asia Private (SAPL) | | 2,425,585 | | 1,099,521 | | 1,558,990 | | 674,510 |
| Samsung India Electronics (SIEL) | | 1,924,832 | | 1,195,824 | | 6,737,419 | | 324,171 |
| Samsung Electronics Europe Logistics (SELS) | | 1,903,892 | | 1,806,486 | | 14,543,524 | | 7,613 |
| Samsung Electronics Slovakia (SESK) | | 1,764,078 | | 317,224 | | 4,561,795 | | 140,825 |
| Samsung Electronics Mexico (SEM) | | 1,554,638 | | 1,311,133 | | 3,261,067 | | 9,886 |
| Thai Samsung Electronics (TSE) | | 1,476,296 | | 373,181 | | 5,033,203 | | 222,389 |
| Samsung Suzhou LCD (SSL) | | 1,463,589 | | 379,118 | | 18,892 | | 12,067 |
| Samsung Electronics Rus Company (SERC) | | 1,410,054 | | 1,107,915 | | 5,809,646 | | (11,137) |
| Samsung Electronics (UK) (SEUK) | | 1,393,507 | | 705,504 | | 6,075,490 | | 92,969 |
| Samsung Electronics Taiwan (SET) | | 1,390,404 | | 1,141,842 | | 3,909,546 | | 30,802 |
| Shanghai Samsung Semiconductor (SSS) | | 1,310,109 | | 1,005,056 | | 15,937,922 | | 130,082 |
| Samsung Electronics Benelux (SEBN) | | 1,290,124 | | 322,622 | | 2,700,887 | | 25,233 |
| Samsung Electronics Hungarian (SEH) | | 1,249,691 | | 253,536 | | 3,272,358 | | 103,658 |

(C) Changes in scope of consolidation

(1) Subsidiaries newly included in the consolidation for the year ended December 31, 2014:

| Area | Subsidiary | Description |
|---------------------------|--|-----------------------|
| Domestic | Samsung Venture Capital Union #26 | Incorporation |
| | Samsung Venture Capital Union #27 | Incorporation |
| America | RT SV CO-INVEST (RT-SV) | Acquisition of shares |
| | Quietside | Acquisition of shares |
| | SmartThings | Acquisition of shares |
| | PrinterOn | Acquisition of shares |
| | PrinterOn America | Acquisition of shares |
| | 1397011 Ontario | Acquisition of shares |
| Europe | PrinterOn Europe | Acquisition of shares |
| | Samsung Electronics Caucasus (SECC) | Incorporation |
| Middle East and Africa | Samsung Electronics South Africa Production (SSAP) | Incorporation |
| Asia | Samsung Display Bac Ninh (SDBN) | Incorporation |

(2) Subsidiaries excluded from the consolidation for the year ended December 31, 2014:

| Area | Subsidiary | Description |
|----------|--|-------------|
| Domestic | World Cyber Games | Liquidation |
| Domestic | Samsung Electronics Football Club | Disposal |
| America | 1397011 Ontario | Liquidation |
| Europo | Samsung Medison Europe (SMNL) | Liquidation |
| Europe | Nanogen Recognomics (Nanogen) | Liquidation |
| Asia | Medison Medical Systems (India) (MI) | Liquidation |
| China | Medison Medical Equipment (Shanghai) (MMS) | Liquidation |

2. Summary of Significant Accounting Policies

The principal accounting policies applied in the preparation of these consolidated financial statements are set out below. These policies have been consistently applied to all the years presented, unless otherwise stated.

2.1 Basis of Presentation

The Company maintains its accounting records in Korean won and prepares statutory financial statements in the Korean language (Hangul) in accordance with the International Financial Reporting Standards as adopted by the Republic of Korea ("Korean IFRS"). The accompanying consolidated financial statements have been condensed, restructured and translated into English from the Korean language financial statements.

Certain information attached to the Korean language financial statements, but not required for a fair presentation of the Company's financial position, financial performance or cash flows, is not presented in the accompanying consolidated financial statements.

The consolidated financial statements of the Company presented have been prepared in accordance with Korean IFRS. International Financial Reporting Standards ("IFRS") have been adopted by the Korean Accounting Standards Board as Korean IFRS based on standards and interpretations published by the International Accounting Standards Board.

Korean IFRS permits the use of critical accounting estimates in the preparation of the financial statements and requires management judgments in applying accounting policies. The areas involving a higher degree of judgment or complexity, or areas where assumptions and estimates are significant to the consolidated financial statements, are disclosed in Note 3.

2.2 Changes in Accounting Policy and Disclosures

(A) New and Amended Standards Adopted by the Company

The Company applied the following amended and enacted standards for the annual period beginning on January 1, 2014:

Amendment to Korean IFRS 1032, Financial Instruments: Presentation

Amendment to Korean IFRS 1032, *Financial Instruments: Presentation*, provides that the right to offset must not be contingent on a future event and must be legally enforceable in all of circumstances; and if an entity can settle amounts in a manner such that the outcome is, in effect, equivalent to net settlement, the entity will meet the net settlement criterion. The adoption of this standard did not have a material impact on the consolidated financial statements.

Enactment of Korean IFRS 2121, Levies

Korean IFRS 2121, *Levies*, is applied to a liability to pay a levy imposed by the government in accordance with the legislation. The interpretation requires that the liability to pay a levy is recognized when the activity that triggers the payment of the levy occurs (obligating event), as identified by the legislation. The application of this interpretation did not have a material impact on the consolidated financial statements.

(B) New and Amended Standards Not Adopted by the Company

The Company expects that new standards, amendments and interpretations issued but not effective for the financial year beginning January 1, 2014, and not early adopted, would not have a material impact on its consolidated financial statements.

2.3 Consolidation

The Company prepares the consolidated financial statements in accordance with Korean IFRS 1110, Consolidated Financial Statements.

(A) Subsidiaries

Subsidiaries are all entities (including special purpose entities) over which the Company has control. The Company controls the corresponding investee when it is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee. Consolidation of a subsidiary begins from the date the Company obtains control of a subsidiary and ceases when the Company loses control of the subsidiary.

The Company applies the acquisition method to account for business combinations. The consideration transferred is measured at the fair values of the assets transferred, and identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are initially measured at their fair values at the acquisition date. The Company recognizes any non-controlling interest in the acquiree on an acquisition-by-acquisition basis in the event of liquidation at the non-controlling interest's proportionate share of the recognized amounts of acquiree's identifiable net assets. Acquisition-related costs are expensed as incurred.

Goodwill is recognized as the excess of (1) the aggregate of i) the consideration transferred, ii) the amount of any non-controlling interest in the acquiree and iii) the acquisition-date fair value of the Company's previously held equity interest in the acquiree over (2) the net identifiable assets acquired. If this consideration (1) is lower than the fair value of the acquiree's net assets in (2), the difference is recognized in profit or loss.

Balances of receivables and payables, income and expenses and unrealized gains on transactions between the Company subsidiaries are eliminated. Accounting policies of subsidiaries are changed where necessary to ensure consistency with the policies adopted by the Company.

(B) Changes in Ownership Interests in Subsidiaries without Change of Control

Transactions with non-controlling interests that do not result in loss of control are accounted for as equity transactions – that is, as transactions with the owners in their capacity as owners. The difference between fair value of any consideration paid and the relevant share acquired of the carrying value of net assets of the subsidiary is recorded in equity. Gains or losses on disposals of non-controlling interests are also recorded in equity.

(C) Disposal of Subsidiaries

If the Company loses control of a subsidiary, any investment continuously retained in the subsidiary is re-measured at its fair value at the date when control is lost and any resulting differences are recognized in profit or loss. Such fair value becomes the initial carrying amount for the subsequent measurement of the retained interest accounted for as an affiliate, joint venture, or financial asset. In addition, any amounts previously recognized in other comprehensive income in respect of such entity are accounted for as if the Company had directly disposed of the related assets or liabilities. As a result, the previously recognized other comprehensive income are reclassified into profit or loss.

(D) Non-Controlling Interests

Each component of profit or loss and other comprehensive income is attributed to owners of the parent and to non-controlling interests. Total comprehensive income is attributed to owners of the parent and to non-controlling interests even if this results in a negative balance of non-controlling interests.

(E) Affiliates

Associates are all entities over which the Company has significant influence but does not have control, generally investees of which from 20% to 50% of voting stock is owned by the Company. Investments in affiliates are initially recognized at acquisition cost using the equity method. Unrealized gains on transactions between the Company and its affiliates are eliminated to the extent of the Company's interest in the affiliates. If there is any objective evidence that the investment in the affiliate is impaired, the Company recognizes the difference between the recoverable amount of the affiliate and its book value as impairment loss.

(F) Joint Arrangements

A joint arrangement of which two or more parties have joint control is classified as either a joint operation or a joint venture. A joint operator has rights to the assets, and obligations for the liabilities, relating to the joint operation and recognizes the assets, liabilities, revenues and expenses relating to its interest in a joint operation. A joint venturer has rights to the net assets relating to the joint venture and accounts for that investment using the equity method.

2.4 Foreign Currency Translation

(A) Functional and Presentation Currency

Items included in the financial statements of each of the Company's entities are measured using the currency of the primary economic environment in which each entity operates (the "functional currency"). The consolidated financial statements are presented in Korean won, which is the parent company's functional and presentation currency.

(B) Transactions and Balances

Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transactions or valuation where items are re-measured. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation at year-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognized in profit or loss.

Exchange differences arising on non-monetary financial assets and liabilities such as equity instruments at fair value through profit or loss and available-for-sale equity instruments are recognized in profit or loss and other comprehensive income, respectively, as part of the fair value gain or loss.

(C) Translation into the Presentation Currency

The results and financial position of all the foreign entities that have a functional currency different from the presentation currency of the Company are translated into the presentation currency as follows:

- Assets and liabilities for each statement of financial position presented are translated at the closing rate at the end of the Reporting Date.
- Income and expenses for each statement of income are translated at average exchange rates, unless this average is not a reasonable approximation of the cumulative effect of the rates prevailing on the transaction dates, in which case income and expenses are translated at the rate on the dates of the transactions.
- · All resulting exchange differences are recognized in other comprehensive income.

On consolidation, exchange differences arising from the translation of the net investment in foreign operations are recognized in other comprehensive income. When a foreign operation is partially disposed of or sold, the exchange differences that were recorded in equity are reclassified as part of gains and losses on disposition in the statement of income. When the Company no longer exercises control over a foreign subsidiary, the exchange differences that were recorded in equity are reclassified into profit or loss when such gain or loss on disposition is recognized.

Any goodwill arising on the acquisition of a foreign operation and any fair value adjustments are treated as the foreign operation's assets and liabilities. Such goodwill is expressed in the foreign operation's functional currency and is translated at the closing rate. Exchange differences are recognized in other comprehensive income.

2.5 Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, deposits held at call with banks, and other short-term highly liquid investments that are readily convertible to a known amount of cash and are subject to an insignificant risk of change in value.

2.6 Financial Assets

(A) Classification

The Company classifies its financial assets in the following categories: financial assets at fair value through profit or loss, loans and receivables, available-for-sale financial assets, and held-to-maturity financial assets. The classification depends on the terms of the instruments and purpose for which the financial assets were acquired. Management determines the classification of its financial assets at initial recognition.

(1) Financial Assets at Fair Value Through Profit or Loss

Financial assets at fair value through profit or loss are financial assets held for trading. A financial asset is classified in this category if acquired principally for the purpose of selling in the short-term. Derivatives not subject to hedge accounting and derivatives separated from financial instruments, such as embedded derivatives, are also categorized as held for trading. Assets in this category are classified as current assets.

(2) Loans and Receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They are included in current assets, except for those with maturities greater than 12 months after the end of the reporting period which are classified as non-current assets.

(3) Available-for-Sale Financial Assets

Available-for-sale financial assets are non-derivative financial assets that are either designated in this category or not classified in any of the other categories. They are included in non-current assets unless an investment matures or management intends to dispose of it within 12 months of the end of the reporting period.

(B) Recognition and Measurement

Regular purchases and sales of financial assets are recognized on the trade date. At initial recognition, financial assets are measured at fair value plus, in the case of financial assets not carried at fair value through profit or loss, transaction costs. Transaction costs of financial assets carried at fair value through profit or loss are expensed in the statement of income. After the initial recognition, available-for-sale financial assets and financial assets at fair value through profit or loss are subsequently carried at fair value. Loans and receivables and held-to-maturity investments are subsequently carried at amortized cost using the effective interest method.

Changes in fair value of financial assets at fair value through profit or loss are recognized in profit or loss and changes in fair value of available-for-sale financial assets are recognized in other comprehensive income. When the available-for-sale financial assets are sold or impaired, the fair value adjustments recorded in equity are reclassified into profit or loss.

Interest on available-for-sale financial assets and held-to-maturity financial assets calculated using the effective interest method is recognized in the statement of income as part of financial income. Dividends on available-for-sale financial assets are recognized in the statement of income as part of other non-operating income when the Company's right to receive payments is established.

(C) Offsetting Financial Instruments

Financial assets and liabilities are offset, and the net amount reported in the statement of financial position, when there is a legally enforceable right to offset the recognized amounts and there is an intention to settle on a net basis, or realize the asset and settle the liability simultaneously.

(D) De-Recognition of Financial Assets

If the Company transfers a financial asset and the transfer does not result in de-recognition because the Company has retained substantially all of the risks and rewards of ownership of the transferred asset due to a recourse in the event the debtor defaults, the Company continues to recognize the transferred asset in its entirety and recognizes a financial liability for the consideration received. The related financial liability is classified as 'borrowings' in the statement of financial position.

2.7 Impairment of Financial Assets

The Company assesses at the end of each reporting period whether there is objective evidence that a financial asset or group of financial assets is impaired. A financial asset or a group of financial assets is impaired and impairment loss is recognized only if there is objective evidence and that loss event (or events) has an impact on the estimated future cash flows of the financial asset or group of financial assets that can be reliably estimated.

Impairment of loans and receivables is presented as a deduction in an allowance account. Impairment of other financial assets is directly deducted from their carrying amount. The Company writes off financial assets when the assets are determined to no longer be recoverable.

The objective evidence that a financial asset is impaired includes significant financial difficulty of the issuer or obligor, a delinquency in interest or principal payments, or the disappearance of an active market for that financial asset because of financial difficulties. A decline in the fair value of an available-for-sale equity instrument by more than 20% from its cost or a prolonged decline below its cost for more than six months is also objective evidence of impairment.

2.8 Trade Receivables

Trade receivables are amounts due from customers for merchandise sold or services performed in the ordinary course of business. If collection is expected in one year or less, they are classified as current assets. If collection is expected beyond one year, they are presented as non-current assets. Trade receivables are recognized initially at fair value and subsequently measured at amortized cost using the effective interest method, less provision for impairment.

2.9 Inventories

Inventories are stated at the lower of cost and net realizable value. Cost is determined using the average cost method, except for materials in transit. The cost of finished goods and work in progress comprises design costs, raw materials, direct labor, other direct costs and related production overheads (based on normal operating capacity). It excludes costs of idle plant and abnormal waste. Net realizable value is the estimated selling price in the ordinary course of business, less applicable variable selling expenses.

Inventories are reduced for the estimated losses arising from excess, obsolescence, and decline in value. This reduction is determined by estimating market value based on future customer demand. The losses on inventory obsolescence are recorded as a part of cost of sales.

2.10 Disposal Group Held-for-Sale

Non-current assets (or disposal group) are classified as assets held-for-sale when their carrying amount is to be recovered principally through a sale transaction and a sale is considered highly probable. The assets are measured at the lower of their carrying amount and the fair value less costs to sell.

2.11 Property, Plant and Equipment

Property, plant and equipment are stated at cost less accumulated depreciation and accumulated impairment losses. Historical cost includes expenditures that are directly attributable to the acquisition of the items. Subsequent costs are included in the asset's carrying amount or recognized as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Company and the cost of the item can be measured reliably. The carrying amount of those parts that are replaced is derecognized and repairs and maintenance expenses are recognized in profit or loss in the period they are incurred.

Depreciation on tangible assets is calculated using the straight-line method to allocate the difference between their cost and their residual values over their estimated useful lives. Land is not depreciated. Costs that are directly attributable to the acquisition, construction or production of a qualifying asset, including capitalized interest costs, form part of the cost of that asset and are amortized over the estimated useful lives.

The Company's policy is that property, plant and equipment should be depreciated over the following estimated useful lives:

Buildings and structures Machinery and equipment Other Estimated useful lives
15, 30 years
5 years
5 years

The depreciation method, residual values and useful lives of property, plant and equipment are reviewed, and adjusted if appropriate, at the end of each reporting period. An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount. Gains and losses on disposals are determined by comparing the proceeds with the carrying amount and are recognized within the statement of income as part of other non-operating income and expenses.

2.12 Intangible Assets

Goodwill represents the excess of the cost of an acquisition over the fair value of the Company's share of the net identifiable assets of the acquired subsidiary, affiliates, joint ventures and businesses at the date of acquisition. Goodwill on acquisitions of subsidiaries and businesses is included in intangible assets and goodwill on acquisition of affiliates and joint ventures is included in the investments in affiliates and joint ventures.

Intangible assets, except for goodwill, are initially recognized at their historical cost and carried at cost less accumulated amortization and accumulated impairment losses.

Internally generated development costs are the aggregate costs recognized after meeting the asset recognition criteria, including technical feasibility, and determined to have future economic benefits. Membership rights are regarded as intangible assets with an indefinite useful life and not amortized because there is no foreseeable limit to the period over which the assets are expected to be utilized. Intangible assets with definite useful lives such as trademarks and licenses, are amortized using the straight-line method over their estimated useful lives.

The Company's policy is that intangible assets should be amortized over the following estimated useful lives:

Development costs Trademarks, licenses and other intangible assets Estimated useful lives
2 years
5 - 10 years

2.13 Impairment of Non-Financial Assets

Goodwill or intangible assets with indefinite useful lives are not subject to amortization and are tested annually for impairment. Assets that are subject to amortization are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognized for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable amount is the higher of an asset's fair value less costs to sell and value in use. For the purposes of assessing impairment, assets are grouped at the lowest levels for which there are separately identifiable cash flows (cash-generating units). Non-financial assets other than goodwill for which an impairment charge was previously recorded are reviewed for possible reversal of the impairment at each reporting date.

2.14 Financial Liabilities

(A) Classification and measurement

Financial liabilities at fair value through profit or loss are financial instruments held for trading. Financial liabilities are classified in this category if incurred principally for the purpose of repurchasing them in the near term. Derivatives that are not designated as hedges or bifurcated from financial instruments containing embedded derivatives are also categorized as held-for-trading.

The Company classifies non-derivative financial liabilities, except for financial liabilities at fair value through profit or loss, financial guarantee contracts and financial liabilities that arise when a transfer of financial assets does not qualify for derecognition, as financial liabilities carried at amortized cost and presented as 'trade payables', 'borrowings', and 'other financial liabilities' in the statement of financial position.

(B) Derecognition

Financial liabilities are removed from the statement of financial position when they are extinguished, for example, when the obligation specified in the contract is discharged, cancelled or expires or when the terms of an existing financial liability are substantially modified.

2.15 Trade Payables

Trade payables are amounts due to suppliers for merchandise purchased or services received in the ordinary course of business. If payment is expected in one year or less, they are classified as current liabilities. If payment is expected beyond one year, they are presented as non-current liabilities. Non-current trade payables are recognized initially at fair value and subsequently measured at amortized cost using the effective interest method.

2.16 Borrowings

Borrowings are recognized initially at fair value, net of transaction costs, and are subsequently measured at amortized cost. Any difference between cost and the redemption value is recognized in the statement of income over the period of the borrowings using the effective interest method. If the Company has an indefinite right to defer payment for a period longer than 12 months after the end of the reporting date, such liabilities are recorded as non-current liabilities, otherwise, they are recorded as current liabilities.

2.17 Provisions

A provision is recognized when the Company has a present legal or constructive obligation as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation. Provisions are not recognized for future operating losses.

Provisions are measured at the present value of the expenditures expected to be required to settle the obligation using a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the obligation. The increase in the provision due to passage of time is recognized as interest expense.

When it is probable that an outflow of economic benefits will occur due to a present obligation resulting from a past event, and the amount is reasonably estimable, a corresponding provision is recognized in the financial statements. However, when such outflow is dependent upon a future event that is not certain to occur, or cannot be reliably estimated, a disclosure regarding the contingent liability is made in the notes to the financial statements.

2.18 Net Defined Benefit Liabilities

The Company has a variety of retirement pension plans including defined benefit and defined contribution plans. A defined contribution plan is a pension plan under which the Company pays fixed contributions into a separate entity. The Company has no legal or constructive obligations to pay further contributions if the fund does not hold sufficient assets to pay all employees the benefits relating to employee service in the current and prior periods. For defined contribution plans, the Company pays contributions to annuity plans that are managed either publicly or privately on a mandatory, contractual or voluntary basis. The Company has no further future payment obligations once the contributions have been paid. The contributions are recognized as employee benefit expense when they are due. Prepaid contributions are recognized as an asset to the extent that a cash refund or a reduction in the future payments is available.

A defined benefit plan is a pension plan that is not a defined contribution plan. Typically defined benefit plans define an amount of pension benefit that an employee will receive on retirement, usually dependent on one or more factors such as age, years of service and compensation. The liability recognized in the statement of financial position in respect to defined benefit pension plans is the present value of the defined benefit obligation at the end of the reporting period less the fair value of plan assets. The defined benefit obligation is calculated annually by independent actuaries using the projected unit credit method. The present value of the defined benefit obligation is determined by discounting the estimated future cash outflows using interest rates of high-quality corporate bonds that are denominated in the currency in which the benefits will be paid and that have terms to maturity approximating to the terms of the related pension obligation.

Actuarial gains and losses resulting from the changes in actuarial assumptions, and the differences between the previous actuarial assumptions and what has actually occurred, are recognized in other comprehensive income in the period in which they were incurred. Past service costs are immediately recognized in profit or loss.

2.19 Financial Guarantee Contract

Financial guarantee contracts are contracts that require the issuer to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payments when due. Financial guarantees are initially recognized in the financial statements at fair value on the date the guarantee was given. If the amount measured in subsequent periods exceeds the unamortized balance of the amount initially recognized, the excess is classified as other financial liability.

2.20 Current and Deferred Tax

The tax expense for the period comprises current and deferred tax. Tax is recognized on the profit for the period in the statement of income, except to the extent that it relates to items recognized in other comprehensive income or directly in equity, in which case the tax is also recognized in other comprehensive income or directly in equity, respectively. The tax expense is calculated on the basis of the tax laws enacted or substantively enacted at the end of the reporting period.

Deferred tax is recognized for temporary differences arising between the tax bases of assets and liabilities and their carrying amounts as expected tax consequences at the recovery or settlement of the carrying amounts of the assets and liabilities. However, deferred tax assets and liabilities are not recognized if they arise from initial recognition of an asset or liability in a transaction other than a business combination that at the time of the transaction affects neither accounting nor taxable profit or loss. Deferred tax assets are recognized only to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilized.

A deferred tax liability is recognized for taxable temporary differences associated with investments in subsidiaries, affiliates, and interests in joint ventures, except to the extent that the Company is able to control the timing of the reversal of the temporary differences and it is probable that the temporary difference will not reverse in the foreseeable future. In addition, a deferred tax asset is recognized for deductible temporary differences arising from such investments to the extent that it is probable the temporary difference will reverse in the foreseeable future and taxable profit will be available against which the temporary difference can be utilized.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets against current tax liabilities and when the deferred income taxes assets and liabilities relate to income taxes levied by the same taxation authority on either the same taxable entity or different taxable entities where there is an intention to settle the balances on a net basis.

2.21 Derivative Instruments

All derivative instruments are accounted for at their fair value according to the rights and obligations associated with the derivative contracts. The resulting changes are recognized in profit or loss in the year in which they are incurred. Certain derivatives that qualify as cash flow hedges and hedges on net investments in foreign operations are recognized under equity.

2.22 Dividend

Dividend distribution to the Company's shareholders is recognized as a liability when the dividends are approved.

2.23 Share Capital

Common shares and preferred shares with no repayment obligations are classified as equity. When the Company purchases its common shares, the acquisition costs, including direct transaction costs, are deducted from equity until the redemption or reissuance as treasury shares. Consideration received on the subsequent sale or issuance of treasury shares is credited to equity.

2.24 Revenue Recognition

Revenue mainly comprises the fair value of the consideration received or receivable for the sale of goods in the ordinary course of the Company's activities. Revenue is shown net of value-added tax, returns, sales incentives and discounts and after eliminating intercompany transactions.

The Company recognizes revenue when the amount of revenue can be reliably measured; when it is probable that future economic benefits will flow to the entity; and when specific criteria have been met for each of the Company's activities, as described below. The Company measures revenue by reliably estimating the contingencies associated with revenue based on historical results, taking into consideration the type of customer, the type of transaction and the specifics of each arrangement.

Where multiple-element arrangements exist, the fair values of each element are determined based on the current market price of each of the elements when sold separately. When the fair values of each element are indeterminable, the fair values of deliverables which have already been provided are calculated in such way that the fair values of elements which are yet to be provided are subtracted from total contract value of the arrangement.

(A) Sales of Goods

Sales of products and merchandise are recognized upon delivery when the significant risks and rewards of ownership of goods have transferred to the buyer. Revenue is recognized net of discounts and returns, estimated at the time of sale based on past experience.

(B) Sales of Services

Revenues from rendering services are generally recognized using the percentage-of-completion method based on the percentage of costs to date compared to the total estimated costs, contractual milestones or performance.

(C) Interest Income

Interest income is recognized using the effective interest method according to the time passed. When a loan or receivable is impaired, the Company reduces the carrying amount to its recoverable amount, to the extent of the estimated future cash flow discounted at the original effective interest rate of the instrument, and continues unwinding the discount as interest income. Interest income on impaired loans and receivables is recognized using the original effective interest rate.

(D) Royalty Income

Royalty income is recognized on an accrual basis in accordance with the substance of the relevant agreements.

(E) Dividend Income

Dividend income is recognized when the right to receive payment is established.

2.25 Government Grants

Government grants are recognized at their fair values when there is reasonable assurance that the grant will be received and the Company will comply with the conditions attached to it. Government grants relating to costs are deferred and recognized in the income statement over the period necessary to match them with the costs that they are intended to compensate. Government grants relating to assets are recognized in liabilities as deferred income government grants and are credited to the income statement on a straight—line basis over the expected lives of the related assets.

2.26 Earnings per Share

Basic earnings per share is calculated by dividing net profit for the period available to common shareholders by the weighted-average number of common shares outstanding during the year. Diluted earnings per share is calculated using the weighted-average number of common shares outstanding adjusted to include the potentially dilutive effect of common equivalent shares outstanding.

2.27 Operating Segments

Operating segments are disclosed in the manner reported to the chief operating decision-maker (Note 33). The chief operating decision-maker is responsible for making strategic decisions on resource allocation and performance assessment of the operating segments. The Management Committee, which makes strategic decisions, is regarded as the chief operating decision-maker.

2.28 Convenience Translation into United States Dollar Amounts

The Company operates primarily in Korean won and its official accounting records are maintained in Korean won. The US dollar amounts provided in the financial statements represent supplementary information solely for the convenience of the reader. All Korean won amounts are expressed in U.S. dollars at the rate of \$1,052.70 to US \$1, the average exchange rate for the year ended December 31, 2014. Such presentation is not in accordance with generally accepted accounting principles, and should not be construed as a representation that the Korean won amounts shown could be readily converted, realized or settled in US dollars at this or at any other rate.

2.29 Approval of the Consolidated Financial Statements

These consolidated financial statements were approved by the Board of Directors on January 29, 2015.

3. Critical Accounting Estimates and Assumptions

The Company makes estimates and assumptions concerning the future. The estimates and assumptions are continuously assessed, considering historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. The resulting accounting estimates will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are addressed below.

(A) Revenue Recognition

The Company uses the percentage-of-completion method in accounting for its fixed-price contracts to deliver installation services. Use of the percentage-of-completion method requires the Company to estimate the services performed to date as a proportion of the total services to be performed. Revenues and earnings are subject to significant change, effected by early steps in a long-term projects, change in scope of a project, cost, period, and plans of the customers.

(B) Provision for Warranty

The Company recognizes provision for warranty on products sold. The Company accrues provision for warranty based on the best estimate of amounts necessary to settle future and existing claims. The amounts are estimated based on past experience.

(C) Fair Value of Derivatives and Other Financial Instruments

The fair value of financial instruments that are not traded in an active market is determined by using a variety of methods and assumptions that are mainly based on market conditions existing at the end of each reporting period.

(D) Net Defined Benefit Liabilities

The net defined benefit liability depends on a number of factors that are determined on an actuarial basis using a number of assumptions. Any changes in these assumptions will impact the carrying amount of the net defined benefit liability. The Company, in consideration of the interest rates of high-quality corporate bonds, determines the appropriate discount rate at the end of each year. This is the interest rate that is used to determine the present value of estimated future cash outflows expected to be required to settle the net defined benefit liability. The principal actuarial assumptions associated with the net defined benefit liability are based on the current market expectations.

(E) Estimated Impairment of Goodwill

At the end of each reporting period, the Company tests whether goodwill has become impaired by comparing the carrying amounts of cash-generating units to the recoverable amounts. The recoverable amounts of cash-generating units have been determined based on value-in-use calculations, and these calculations are based on estimates.

(F) Income Taxes

Income taxes on the Company's taxable income from operating activities are subject to various tax laws and determinations of each tax authority across various countries throughout the world. There is uncertainty in determining the eventual tax effects on the taxable income from operating activities. The Company has recognized current tax and deferred tax at the end of the fiscal year based on the best estimation of future taxes payable as a result of operating activities. However, the resulting deferred income tax assets and liabilities may not equal the actual future taxes payable and such difference may impact the current tax and deferred income tax assets and liabilities upon the determination of eventual tax effects.

3. Other Financial Information

A. Matters of Interest

- Restatement of Financial Statements: N/A
- Acquisitions and Divestments (Separate only)

Refer to 8. Acquisition and Divestments (VIII. Other Information Related to Investment Protection)

B. Allowance for Bad Debt

The allowances for bad debts over the past 3 years are as follows:

Bad debt allowance by account

(Unit: KRW million, %)

| Period | Account | Receivables Amount | Allowance Amount | Allowance (%) |
|--------|-------------------------------|--------------------|------------------|---------------|
| | Trade receivables | 24,972,069 | 277,459 | 1.1% |
| | Short-term loans | 9,650 | 118 | 1.2% |
| | Other receivables | 3,549,692 | 9,817 | 0.3% |
| | Advances | 1,993,788 | 4,318 | 0.2% |
| 2014 | Trade receivables (Long-term) | 35,944 | 329 | 0.9% |
| | Other receivables (Long-term) | 9,419 | 77 | 0.8% |
| | Advances (Long-term) | 176,949 | 793 | 0.4% |
| | Long-term loans | 176,232 | 1,246 | 0.7% |
| | Total | 30,923,743 | 294,157 | 1.0% |
| | Trade receivables | 25,256,002 | 267,470 | 1.1% |
| | Short-term loans | 33,382 | 271 | 0.8% |
| | Other receivables | 2,907,221 | 19,819 | 0.7% |
| | Advances | 1,932,530 | 4,342 | 0.2% |
| 2013 | Trade receivables (Long-term) | 36,229 | 205 | 0.6% |
| | Other receivables (Long-term) | 24,384 | 227 | 0.9% |
| | Advances (Long-term) | 76,429 | 792 | 1.0% |
| | Long-term loans | 152,005 | 36,727 | 24.2% |
| | Total | 30,418,182 | 329,853 | 1.1% |
| | Trade receivables | 24,138,022 | 276,787 | 1.1% |
| | Short-term loans | 60,843 | 675 | 1.1% |
| | Other receivables | 2,815,696 | 2,335 | 0.1% |
| | Advances | 1,676,804 | 2,376 | 0.1% |
| 2012 | Trade receivables (Long-term) | 30,405 | - | 0.0% |
| | Other receivables (Long-term) | 18,491 | 260 | 1.4% |
| | Advances (Long-term) | 85,843 | 793 | 0.9% |
| | Long-term loans | 166,689 | 643 | 0.4% |
| | Total | 28,992,793 | 283,869 | 1.0% |

^{*} Receivables amount is based on net present value (Consolidated)

^{*} Presented in accordance with Korean International Financial Reporting Standards ("K-IFRS")

Allowance for Bad Debt (Roll Forward)

(Unit: KRW million)

| | 2014 | 2013 | 2012 |
|--|---------|---------|---------|
| 1. Allowance for bad debts (beginning balance) | 329,853 | 283,869 | 259,161 |
| 2. Net Bad Debt Expense (① – ②±③) | 49,349 | 17,833 | 53,433 |
| ① Bad Debt Expense (Write-off) | 50,705 | 20,393 | 55,592 |
| ② Bad Debt Recovered | 1,356 | 2,560 | 2,159 |
| ③ Others | - | - | - |
| 3. Bad debts expense | 13,653 | 63,817 | 78,141 |
| 4. Allowance for bad debts (Ending balance) | 294,157 | 329,853 | 283,869 |

^{*} Based on consolidated financial statements.

The guideline for Bad Debts Allowances

- (1) Calculation of Bad Debts Allowances
 - Bad Debts are calculated based on write-off experiences and future expected bad debts.
- (2) Calculation Method for Write-Off Experience Rate:
 - Experience rate of write-off: the actual write-off rate for the average receivables balance of previous three (3) years
 - Future expected bad debts: Cases of debtor bankruptcy, compulsory execution, death, or disappearance are reflected in the bad debt allowance, ranging from 1% ~ 100% of the balance of trade-other receivable

[Bad Debt Allowance]

| Situation | Rate of Allowance |
|---|-------------------|
| Dispute or Conflict | 25% |
| Receivable through utilization of third party collection agency | 50% |
| Receivable under litigation | 75% |
| Customer filed or in the process of filing bankruptcy | 100% |

- (3) Instruction: Write-off is recorded when trade receivables contain the following characteristics:
 - Objective proof of bad debts, such as bankruptcy, compulsory execution, discontinuance of business, debtor's death or disappearance
 - Legal action has failed or the right of collection is extinguished.
 - When the collection agency gives as notice that collection is not possible.
 - When the collateral is sold or insurance is received.
 - The collection expenses exceed the amount of receivables.

The outstanding period of trade receivables

(Unit : KRW million)

| | Less than 6 months | 6 months ~ 1 year | 1 year ~ 3 years | More than 3 years | Total |
|--------|-----------------------|----------------------|---------------------|----------------------|------------|
| Amount | 24,910,404 | 18,920 | 57,012 | 21,678 | 25,008,014 |
| Ratio | 99.6% | 0.1% | 0.2% | 0.1% | 100.0% |

^{*} Receivables amount on net present value (consolidated)

C. Inventory

- The inventory status by Division over the last three years is as follows:

(Unit: KRW million)

| | Division | Category | 2014 | 2013 | 2012 | Note |
|-----|---------------------|---|------------|------------|------------|------|
| | | Finished Goods | 1,946,482 | 1,927,784 | 1,868,910 | |
| | | Work In Process | 80,122 | 73,876 | 72,375 | |
| | CE | Raw Material | 1,566,121 | 1,435,023 | 1,468,295 | |
| | | Material In Transit | 1,694,448 | 1,689,040 | 1,634,797 | |
| | | Total | 5,287,173 | 5,125,723 | 5,044,377 | |
| | | Finished Goods | 2,210,160 | 2,896,647 | 3,113,848 | |
| | | Work In Process | 279,861 | 333,109 | 305,543 | |
| | IM | Raw Material | 2,751,331 | 3,363,195 | 2,736,050 | |
| | | Material In Transit | 488,877 | 1,026,147 | 895,088 | |
| | | Total | 5,730,229 | 7,619,098 | 7,050,529 | |
| | | Finished Goods | 777,450 | 1,219,189 | 1,317,615 | |
| | Semi- | Work In Process | 3,677,543 | 3,022,125 | 2,461,713 | |
| | Conductor | Raw Material | 419,398 | 351,646 | 486,166 | |
| | Sub-Division | Material In Transit | 121,477 | 89,670 | 83,312 | |
| | | Total | 4,995,868 | 4,682,630 | 4,348,806 | |
| | | Finished Goods | 409,516 | 553,108 | 460,600 | |
| | Work In Process | 244,324 | 443,611 | 259,324 | | |
| DS | DS DP Business Unit | Raw Material | 281,223 | 328,955 | 239,414 | |
| | | Material In Transit | 55,176 | 4,988 | 63,721 | |
| | | Total | 990,239 | 1,330,662 | 1,023,059 | |
| | | Finished Goods | 1,228,783 | 1,810,852 | 1,797,309 | |
| | | Work In Process | 4,105,675 | 3,663,346 | 2,852,724 | |
| | DS Total | Raw Material | 750,929 | 726,455 | 775,434 | |
| | Total | Material In Transit | 178,218 | 98,897 | 150,237 | |
| | | Total | 6,263,605 | 6,299,550 | 5,575,704 | |
| | | Finished Goods | 5,773,448 | 7,429,350 | 6,837,250 | |
| | | Work In Process | 4,465,071 | 4,070,266 | 3,230,576 | |
| | Total | Raw Material | 5,957,006 | 6,809,112 | 5,081,396 | |
| | | Material In Transit | 1,121,979 | 826,140 | 2,598,191 | |
| | | Total | 17,317,504 | 19,134,868 | 17,747,413 | |
| | _ | o (%)– Total Assets y ÷ Total Assets] | 7.5% | 8.9% | 9.8% | |
| [Y | early CGS ÷{(Beg | ory Turn-over ginning of Inventory End of intory)÷2}] | 7.0 | 7.5 | 7.6 | |

Inventory Counts

(1) Inspection Date

- End of May and November (twice a year)
- · Performed check of the existence of inventories included in an accounting books and records on the inspection date

(2) Inspection Method

- · Internal warehouse: Closed & Total Inspection
- * Sample check in Semiconductor Sub-Division and DP Business Unit inventory, SVC materials
- Outside warehouse
 Performed check of the possession confirmation documents and sample tests at third party warehouse and Inventory in transit
- External auditors join and observe the inspection and carry out sample test to check the existence and completeness.

Inventory Aging and Valuation

Inventories are stated at the lower of cost or net realizable value. Inventory as at December 31st, 2014 is as follows:

(Unit: KRW million)

| Category | Acquisition Cost | Inventory Valuation Reserve | Balance | Note |
|---------------------|---------------------|--------------------------------|------------|------|
| Finished Goods | 6,011,078 | 237,630 | 5,773,448 | |
| Work In Process | 5,018,416 | 553,345 | 4,465,071 | |
| Raw Material | 6,244,161 | 287,155 | 5,957,006 | |
| Material In Transit | 1,121,979 | - | 1,121,979 | |
| Total | 18,395,634 | 1,078,130 | 17,317,504 | |

^{*} Prepared on a consolidated basis

D. Fair Value Estimation

Long-term other payables

Total financial liabilities

Other¹

(1) Carrying amounts and fair values of financial instruments by category as at December 31, 2014 and 2013 are as follows:

2014 2013 (In millions of Korean won) Carrying amount Fair value Fair value **Carrying amount** Financial assets ₩ ₩ ₩ Cash and cash equivalents¹ 16,840,766 16,284,780 Short-term financial instruments¹ 41,689,776 36,722,702 Short-term available-for-sale financial assets 3,286,798 3,286,798 1,488,527 1,488,527 Trade receivables¹ 24,694,610 24,988,532 12,272,756 12,667,509 6,238,380 5,850,155 Long-term available-for-sale financial assets² Other 4,762,971 4,725,263 5,472,956 5,436,470 ₩ 103,942,430 91,195,877 **Total financial assets** Financial liabilities Trade payables¹ ₩ 7,914,704 ₩ ₩ 8,437,139 ₩ Short-term borrowings¹ 8,029,299 6,438,517 Other payables¹ 9,258,344 7,877,581 Current portion of long-term liabilities¹ 1,778,667 2,425,831 Debentures 1,355,882 1,377,113 1,311,068 1,327,569 971,844 Long-term borrowings 101,671 82,271 985,117

2,520,277

11,474,129

42,432,973

2,606,179

1,023,714

10,862,512

39,361,479

₩

1,090,580

¹ Assets and liabilities whose carrying amount is a reasonable approximation of fair value are excluded from the fair value disclosures.

² Amount measured at cost (2014: \#394,753 million, 2013: \#388,225 million) is excluded as the range of reasonable fair value estimates is significant and the probabilities of the various estimates cannot be reasonably assessed.

(2) The following table presents the assets and liabilities, by level, that are measured at fair value:

2014

| (In millions of Korean won) | Level 1 | Level 2 | Level 3 | Total balance |
|--|-------------|-------------|-----------|---------------|
| 1) Assets | | | | |
| Short-term available-for-sale financial assets | ₩ 1,016,878 | ₩ 2,269,920 | ₩ - | ₩ 3,286,798 |
| Long-term available-for-sale financial assets ¹ | 5,776,836 | 3,050,338 | 3,445,582 | 12,272,756 |
| Other | - | 45,898 | 102,513 | 148,411 |
| 2) Liabilities | | | | |
| Derivatives | - | 78,348 | - | 78,348 |

2013

| (In millions of Korean won) | Level 1 | Level 2 | Level 3 | Total balance |
|--|-------------|-----------|---------|---------------|
| 1) Assets | | | | |
| Short-term available-for-sale financial assets | ₩ 1,257,492 | ₩ 231,035 | ₩ - | ₩ 1,488,527 |
| Long-term available-for-sale financial assets ¹ | 4,399,314 | 957,463 | 493,378 | 5,850,155 |
| Other | - | 40,552 | - | 40,552 |
| 2) Liabilities | | | | |
| Derivatives | - | 244,172 | - | 244,172 |

¹ Amount measured at cost (2014: ₩394,753 million, 2013: ₩388,225 million) is excluded as the range of reasonable fair value estimates is significant and the probabilities of the various estimates cannot be reasonably assessed.

The levels of the fair value hierarchy and its application to financial assets and liabilities are described below.

- · Level 1: Quoted prices (unadjusted) in active markets for identical assets or liabilities
- Level 2: Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly
- · Level 3: Inputs for the asset or liability that are not based on observable market data (that is, unobservable inputs)

The fair value of financial instruments traded in active markets is based on quoted market prices at the statement of financial position date. A market is regarded as active if quoted prices are readily and regularly available from an exchange, dealer, broker, industry group, pricing service, or regulatory agency, and those prices represent actual and regularly occurring market transactions on an arm's length basis. The quoted market price used for financial assets held by the Company is the current bid price. These instruments are included in Level 1. Instruments included in Level 1 are listed equity investments classified as trading securities or available-for-sale financial assets.

The fair value of financial instruments that are not traded in an active market (for example, over-the-counter derivatives) is determined by using valuation techniques. These valuation techniques maximize the use of observable market data where it is available and rely as little as possible on entity specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in Level 2.

If one or more of the significant inputs are not based on observable market data, the instrument is included in Level 3.

Specific valuation techniques used to value financial instruments include:

- · Quoted market prices or dealer quotes for similar instruments.
- The fair value of forward foreign exchange contracts is determined using forward exchange rates at the statement of financial position date, with the resulting value discounted back to present value.

Other techniques, such as discounted cash flow analysis, are used to determine fair value for the remaining financial instruments. For trade and other receivables, the book value approximates a reasonable estimate of fair value.

(3) Valuation technique and the inputs

The Company utilizes a present value technique to discount future cash flows at a proper interest rate for corporate bonds, government and public bonds, and bank debentures that are classified as Level 2 in the fair value hierarchy.

The following table presents the valuation technique and the inputs used for major financial instruments classified as Level 3.

| (In millions of Korean won) | | | | |
|----------------------------------|----------------|----------------------|----------------------------------|------------------------|
| | | | | Input Range |
| Classification | Fair Value | Valuation Technique | Level 3 Inputs | (Weighted Average) |
| Long-term available-for-sale fit | nancial assets | | | |
| Taewon Electric | ₩ 17,094 | Discounted cash flow | Permanent growth rate | -1.00% ~ 1.00% (0%) |
| | 17,00 | | Weighted average cost of capital | 7.76%~9.76% (8.76%) |
| Samsung Venture Investment | 6,586 | Discounted cash flow | Permanent growth rate | -1.00%~1.00% (0%) |
| | | | Weighted average cost of capital | 7.74%~9.74% (8.74%) |
| Samsung General Chemicals | 100,051 | Discounted cash flow | Permanent growth rate | -1.00%~1.00% (0%) |
| | | | Weighted average cost of capital | 10.48%~12.48% (11.48%) |
| Coming Incorporated | 3,106,333 | Trinomial model | Risk adjusted discount rate | 4.96%~6.96% (5.96%) |
| convertible preferred stock | | | Price volatility | 30.5%~36.5% (33.5%) |
| Derivatives | | | | |
| Embedded derivatives | 2,462 | Binomial model | Discount rate | 5.16%~10.3% (7.78%) |
| (convertible bonds) | | | Stock price volatility | 11.88%~17.6% (14.53%) |

(4) Changes in Level 3 instruments:

| (In millions of Korean won) | 2014 | 2013 |
|---|----------|----------------|
| Balance as at January 1 | ₩ 493, | .378 ₩ 389,195 |
| Purchases | 2,586, | 120 151,741 |
| Disposals | (97,4 | (46,357) |
| Amount recognized in profit or loss | (67,5 | 581) (5,177) |
| Amount recognized in other comprehensive income | 646, | 856 2,615 |
| Other | (13,1 | 1,361 |
| Balance as at December 31 | ₩ 3,548, | 095 ₩ 493,378 |

(5) Sensitivity analysis for recurring fair value measurements categorized within Level 3

Sensitivity analysis of financial instruments is performed to measure favorable and unfavorable changes in the fair value of financial instruments which are affected by the unobservable parameters, using a statistical technique. When the fair value is affected by more than two input parameters, the amounts represent the most favorable or most unfavorable.

The results of the sensitivity analysis for the effect on profit or loss (before-tax amount for other comprehensive income or loss) from changes in inputs for each financial instrument which is categorized within Level 3 and subject to sensitivity analysis, are as follows:

| (In millions of Korean won) | | Favorable (| Changes | | Unfavorab | le Changes | | | | |
|--|----------------|-------------|--------------------------------------|---------|---------------|------------|--------------|-----------|--------|--|
| Classification | Profit or Loss | | Profit or Loss Equity Profit or Loss | | Equity Profit | | ofit or Loss | | Equity | |
| Long-term available-for-sale financial assets ¹ | ₩ | - | ₩ | 231,909 | ₩ | - | ₩ | (225,568) | | |
| Embedded derivatives (convertible bonds) ² | | 466 | | 466 | | (475) | | (475) | | |
| Total | ₩ | 466 | ₩ | 232,375 | ₩ | (475) | ₩ | (226,043) | | |

¹ Changes in fair value are calculated by increasing or decreasing the correlation between volatility (30.5% to 36.5%) and discount rate for convertible preferred stock. Similarly, for other equity securities, changes in fair value are calculated with the correlation between growth ratio (-1% to 1%) and discount rate, which are significant unobservable inputs.

² For equity derivatives, changes in their fair value are calculated by increasing or decreasing the correlation between stock prices and volatility by 10%.

(6) Fair value hierarchy classifications of the financial assets and financial liabilities that are measured at fair value as at December 31, 2014 and 2013, are as follows:

| (In millions of Korean won) | | | | | | 20: | 14 | | | | |
|-----------------------------|-----------|----------------------|-----------------------------------|-----------------------------------|---|---|--|--|--|--|--|
| Carryi | ng amount | | Level 1 | | | Level 2 | | Level 3 | | ı | Total |
| | | | | | | | | | | | |
| ₩ | 4,614,560 | ₩ | | - | ₩ | 4,576,852 | ₩ | | - | ₩ | 4,576,852 |
| | | | | | | | | | | | |
| | 1,355,882 | | | - | | 1,377,113 | | | - | | 1,377,113 |
| | 101,671 | | | - | | 82,271 | | | - | | 82,271 |
| | 2,520,277 | | | - | | 2,606,179 | | | - | | 2,606,179 |
| | | 1,355,882 101,671 | ₩ 4,614,560 ₩ 1,355,882 101,671 | ₩ 4,614,560 ₩ 1,355,882 101,671 | ₩ 4,614,560 ₩ - 1,355,882 - 101,671 - | ₩ 4,614,560 ₩ - ₩ 1,355,882 - 101,671 - | Carrying amount Level 1 Level 2 ₩ 4,614,560 ₩ - ₩ 4,576,852 1,355,882 - 1,377,113 101,671 - 82,271 | ₩ 4,614,560 ₩ - ₩ 4,576,852 ₩ 1,355,882 - 1,377,113 101,671 - 82,271 | Carrying amount Level 1 Level 2 Level 3 ₩ 4,614,560 ₩ - ₩ 4,576,852 ₩ 1,355,882 - 1,377,113 101,671 - 82,271 | Carrying amount Level 1 Level 2 Level 3 ₩ 4,614,560 ₩ - ₩ 4,576,852 ₩ - 1,355,882 - 1,377,113 - 101,671 - 82,271 - | Carrying amount Level 1 Level 2 Level 3 ₩ 4,614,560 ₩ - ₩ 4,576,852 ₩ - ₩ 1,355,882 - 1,377,113 - 101,671 - 82,271 |

| (In millions of Korean won) | | | | 2013 | | | | | | | | |
|-----------------------------|------|-------------|---|---------|---|---|-----------|---|---------|---|---|-----------|
| Classification | Carr | ying amount | | Level 1 | | | Level 2 | | Level 3 | | | Total |
| Assets | | | | | | | | | | | | |
| Other non-current assets | ₩ | 5,432,404 | ₩ | | - | ₩ | 5,395,918 | ₩ | | - | ₩ | 5,395,918 |
| Liabilities | | | | | | | | | | | | |
| Debentures | | 1,311,068 | | | - | | 1,327,569 | | | - | | 1,327,569 |
| Long-term borrowings | | 985,117 | | | - | | 971,844 | | | - | | 971,844 |
| Long-term other payables | | 1,023,714 | | | - | | 1,090,580 | | | - | | 1,090,580 |

As at December 31, 2014, assets and liabilities not measured at fair value but for which the fair value is disclosed and categorized within Level 2 in the fair value hierarchy, are measured using the present value technique which discounts future cash flows with appropriate interest rates.

IV. Auditor's Report

1. Introduction

Samil PwC has audited the financial year end consolidated/separate financial position of the Company as of December 31, 2014, and the related financial year end consolidated/separate statements of income and comprehensive income for the year ended December 31, 2014, and the consolidated/separate statements of changes in equity and cash flows for the year ended December 31, 2014. Nothing has come to attention that causes them to believe the accompanying year end consolidated/separate financial statements are not presented fairly, in all material respects, in accordance with K-IFRS. Samil PwC also conducted audits on the consolidated/separate financial statement of financial position of the Company as of December 31, 2012 and 2013, and the related consolidated/separate statements of income, comprehensive income, changes in equity and cash flows for the years then ended and expressed an unqualified opinion on those financial statements. There were no auditor changes at any subsidiaries for the year ended December 31, 2014. There are 8 newly incorporated/acquired entities, and 6 of them, such as Samsung Display Bac Ninh, appointed PwC as the auditor and 2 of them, such as SVIC #26, appointed Deloitte Anjin as external auditor at their own decision.

| Year end | Company Auditor | Audit Opinion | Remarks |
|------------------|-----------------|---------------|----------------|
| 31 December 2014 | Samil PwC | Unqualified | Not applicable |
| 31 December 2013 | Samil PwC | Unqualified | Not applicable |
| 31 December 2012 | Samil PwC | Unqualified | Not applicable |

< Audit (Review) plan for the year ended December 31, 2014 >

| Audit | (review) Period | Planned dates | |
|------------------|--------------------------|-------------------------|--|
| 2044.04 | Pre-review | 2014.03.10 ~ 2014.03.28 | |
| 2014 Q1 | Review | 2014.04.07 ~ 2014.05.09 | |
| 2044.00 | Pre-review | 2014.06.09 ~ 2014.06.27 | |
| 2014 Q2 | Review | 2014.07.09 ~ 2014.08.08 | |
| 2044.00 | Pre-review | 2014.09.08 ~ 2014.09.26 | |
| 2014 Q3 | Review | 2014.10.07 ~ 2014.11.07 | |
| System and | Internal Control Audit | 2014.08.25 ~ 2014.09.26 | |
| Audit procedures | | 2014.12.01 ~ 2015.01.28 | |
| Completion of | f final audit procedures | 2015.01.29 ~ 2015.02.24 | |

[Audit Contract Description]

(In millions of Korean won)

| Fiscal Year | Company Auditor | Description | Compensation | Total Hours |
|------------------------------------|--------------------|--|--------------|-------------|
| Year ended December 31, 2014 | Samil PwC | - Review of the interim consolidated/separate financial statements - Audit on consolidated/separate financial statements | 3,690 | 43,411 |
| Year ended December 31, 2013 | Samil PwC | - Review of the interim consolidated/separate financial statements - Audit on consolidated/separate financial statements | 3,840 | 44,702 |
| Year ended December 31, 2012 | Samil PwC | - Review of the interim consolidated/separate financial statements - Audit on consolidated/separate financial statements | 3,660 | 43,572 |

Samil PwC has performed non-audit services and has been paid KRW 2,987 million by the Company for the year ended December 31, 2014.

[Non-Audit Service Contract Description]

(In millions of Korean won)

| Fiscal Year | Contract Date | Non-audit Service Description | Period for Service | Compensation | Note |
|-------------|----------------|---|--------------------|--------------|------|
| | September 2013 | Incorporation, M&A and Divestiture Advisory | 2014.01~2014.12 | 1,161 | |
| Year ended | August 2013 | Tax Advisory | 2014.01~2014.12 | 533 | |
| December | October 2013 | Process Improvement Advisory | 2014.01~2014.12 | 996 | |
| 31, 2014 | | Others | | 297 | |
| | | Subtotal | | 2,987 | |
| | November 2012 | Incorporation, M&A and Divestiture Advisory | 2013.01~2013.12 | 2,466 | |
| Year ended | August 2012 | Tax Advisory | 2013.01~2013.12 | 2,272 | |
| December | June 2012 | Process Improvement Advisory | 2013.01~2013.12 | 1,896 | |
| 31, 2013 | | Others | | 1,573 | |
| | | Subtotal | | 8,207 | |

| Fiscal Year | Contract Date | Non-audit Service Description | Period for Service | Compensation | Note |
|-------------------|---------------|---|--------------------|--------------|------|
| | January 2012 | Incorporation, M&A and Divestiture Advisory | 2012.01~2012.12 | 3,520 | |
| | January 2011 | Tax Advisory | 2012.01~2012.12 | 3,995 | |
| Year ended | November 2011 | IP Advisory | 2012.01~2012.12 | 1,287 | |
| December 31, 2012 | January 2012 | Process Improvement Advisory | 2012.01~2012.12 | 2,815 | |
| | | Others | | 802 | |
| | | 12,419 | | | |

2. Regarding Internal Control

Samil PwC has reviewed management's report on the operations of the Internal Accounting Control System ("IACS") of the Company as of December 31, 2014 and nothing has come to attention that causes them to believe that management's report on the operations of the IACS is not presented fairly, in all material respects, in accordance with IACS standards.

Samil PwC has audited the financial year end consolidated/separate financial position of the Company as of December 31, 2014, and the related financial year end consolidated/separate statements of income and comprehensive income for the year ended December 31, 2014, and the consolidated/separate statements of changes in equity and cash flows for the year ended December 31, 2014. Nothing has come to attention that causes them to believe the accompanying year end consolidated/separate financial statements are not presented fairly, in all material respects, in accordance with K-IFRS. Samil PwC also conducted audits on the consolidated/separate financial statement of financial position of the Company as of December 31, 2012 and 2013, and the related consolidated/separate statements of income, comprehensive income, changes in equity and cash flows for the years then ended and expressed an unqualified opinion on those financial statements. There were no auditor changes at any subsidiaries for the year ended December 31, 2014. There are 8 newly incorporated/acquired entities, and 6 of them, such as Samsung Display Bac Ninh, appointed PwC as the auditor and 2 of them, such as SVIC #26, appointed Deloitte Anjin as external auditor at their own decision.

V. Management Discussion and Analysis

1. Note on Forward-Looking Statements

This annual report includes forward-looking statements that relate to future events and can be generally identified by phrases containing words such as "believes," "expects," "anticipates," "foresees," "forecasts," "estimates" or other words or phrases of similar meaning. These forward-looking statements are not guarantees of future performance and may involve known and unknown risks, uncertainties and other factors that may affect our actual results, performance, achievements or financial position, making them materially different from the actual future results, performance, achievements or financial position expressed or implied by these forward-looking statements. Unless otherwise specified, all data presented in this report is from our consolidated financial statements.

Uncertain events that could positively or negatively affect the Company's management condition and financial performance include:

- Trends of financial markets domestically and abroad, including changes in exchange rates and interest rates
- The Company's strategic decision making, including disposals and purchases of businesses
- Unexpected sudden changes in core businesses such as CE, IM, Semiconductor, and DP
- Other changes domestically and abroad that can affect management condition and financial performance

The Company assumes no obligation to revise or update this report to reflect risks or uncertainties that arise after the reporting period.

2. Overview

Even though the U.S. economy showed gradual signs of recovery in 2014, political and economic uncertainties persisted including a slowdown in China's growth and growing tension in Russia and the Middle East. Accordingly, South Korea's economy also remained weak.

Despite intensifying price competition, we achieved record consolidated sales of KRW 206 trillion, operating profit of KRW 25 trillion, stand-alone sales of KRW 138 trillion, and net profit of KRW 15 trillion.

From a financial management perspective, we maintained a sound capital structure with a consolidated debt to equity ratio of 37.1%, capital adequacy ratio of 72.9%, and ROE of 14.7%. Additionally, the parent company had a debt to equity ratio of 23.7%, a capital adequacy ratio of 80.9%, and an ROE of 11.4%. Furthermore, , our brand value rose to USD 45.5 billion, a 15% increase from the previous year, and ranked seventh in the global corporate list according to the Interbrand survey as of October 2014.

During the year, we continued to lead the industry by launching products featuring advanced design and the industry leading technology. We began mass production of the world's best performing and highest-density server DRAM memory modules and led the premium TV market with our UHD TV and curved TV.

As uncertainties in the global economy are expected to persist in 2015 due to an increase in the U.S. interest rate, economic recession in the Eurozone, and financial risks in emerging countries resulting from a sharp fall in crude oil prices, we expect growth in our core product markets to slow and competition to intensify.

Even under the rapidly changing business environment and difficult circumstances, we will strive to reinforce the technological competitiveness of our existing businesses and secure opportunities in the future by discovering new businesses.

3. Financial Position and Performance (Consolidated)

A. Financial Position

(Unit: KRW million)

| Classification | 2014 | 2013 | Increase/decrease | % change |
|---------------------------------------|-------------|-------------|-------------------|----------|
| Total assets | 230,422,958 | 214,075,018 | 16,347,940 | 7.6% |
| Current assets | 115,146,026 | 110,760,271 | 4,385,755 | 4.0% |
| - Cash and cash equivalents | 16,840,766 | 16,284,780 | 555,986 | 3.4% |
| - Short-term financial instruments | 41,689,776 | 36,722,702 | 4,967,074 | 13.5% |
| - Available-for-sale financial assets | 3,286,798 | 1,488,527 | 1,798,271 | 120.8% |
| - Trade and other receivables | 24,694,610 | 24,988,532 | Δ293,922 | Δ1.2% |
| - Inventories | 17,317,504 | 19,134,868 | Δ1,817,364 | Δ9.5% |
| - Other current assets | 11,316,572 | 12,140,862 | Δ824,290 | Δ6.8% |
| Non-current assets | 115,276,932 | 103,314,747 | 11,962,185 | 11.6% |
| - Available-for-sale financial assets | 12,667,509 | 6,238,380 | 6,429,129 | 103.1% |
| - Associates and joint ventures | 5,232,461 | 6,422,292 | Δ1,189,831 | Δ18.5% |
| - Property, plant and equipment | 80,872,950 | 75,496,388 | 5,376,562 | 7.1% |
| - Intangible assets | 4,785,473 | 3,980,600 | 804,873 | 20.2% |
| - Other non-current assets | 11,718,539 | 11,177,087 | 541,452 | 4.8% |
| Total liabilities | 62,334,770 | 64,059,008 | Δ1,724,238 | Δ2.7% |
| Current liabilities | 52,013,913 | 51,315,409 | 698,504 | 1.4% |
| Non-current liabilities | 10,320,857 | 12,743,599 | Δ2,422,742 | Δ19.0% |
| Total equity | 168,088,188 | 150,016,010 | 18,072,178 | 12.0% |
| Total liabilities and equity | 230,422,958 | 214,075,018 | 16,347,940 | 7.6% |
| Capital adequacy ratio | 72.9% | 70.1% | 2.8%p | - |
| Debt-to-equity ratio | 37.1% | 42.7% | Δ5.6%p | - |
| Inventory turnover | 7.0 | 7.5 | Δ0.5 | - |

^{*} Presented in accordance with Korean International Financial Reporting Standards ("K-IFRS")

- Samsung Electronics' total assets in 2014 were KRW 230.423 trillion, an increase of KRW 16.348 trillion (7.6%) from the previous year. This includes an increase of KRW 5.4 trillion in property, plant and equipment from large-scale facilities investment, as well as an increase of KRW 6.4 trillion in long-term available-for-sale financial assets due to acquisition of Corning shares and purchase of bank debentures.
- Total liabilities were KRW 62.335 trillion, a decrease of KRW 1.724 trillion (2.7%) from the previous year. This includes an increase of KRW 698.5 billion (1.4%) in current liabilities and a decrease of KRW 2.423 trillion (19.0%) in non-current liabilities.
- Total equity was KRW 168.088 trillion, an increase of KRW 18.072 trillion (12.0%) from the previous year. Retained earnings increased by KRW 20.929 trillion primarily from net income of KRW 23.394 trillion.
- In terms of financial ratios, the Company maintained the financial structure of a world-class company as the capital adequacy ratio increased by 2.8% from the previous year to 72.9% and the debt-to-equity ratio decreased by 5.6% from the previous year to 37.1%.

B. Performance

(Unit: KRW million)

| Classification | 2014 | 2013 | Increase/decrease | % change |
|---|-------------|-------------|-------------------|----------|
| Sales | 206,205,987 | 228,692,667 | Δ22,486,680 | Δ9.8% |
| Cost of sales | 128,278,800 | 137,696,309 | Δ9,417,509 | Δ6.8% |
| Gross profit | 77,927,187 | 90,996,358 | Δ13,069,171 | Δ14.4% |
| Selling and administrative expenses | 52,902,116 | 54,211,345 | Δ1,309,229 | Δ2.4% |
| Operating profit | 25,025,071 | 36,785,013 | Δ11,759,942 | Δ32.0% |
| Other revenue | 3,801,357 | 2,429,551 | 1,371,806 | 56.5% |
| Other expenses | 2,259,737 | 1,614,048 | 645,689 | 40.0% |
| Gain on valuation using the equity method of accounting | 342,516 | 504,063 | Δ161,547 | Δ32.0% |
| Financial revenue | 8,259,829 | 8,014,672 | 245,157 | 3.1% |
| Financial expenses | 7,294,002 | 7,754,972 | Δ460,970 | Δ5.9% |
| Income before income tax expense | 27,875,034 | 38,364,279 | Δ10,489,245 | Δ27.3% |
| Income tax expense | 4,480,676 | 7,889,515 | Δ3,408,839 | Δ43.2% |
| Net income | 23,394,358 | 30,474,764 | Δ7,080,406 | Δ23.2% |

Presented in accordance with Korean International Financial Reporting Standards ("K-IFRS")

- In 2014, despite the increase in sales of semiconductors, including memory, intensifying competition in the smartphone market led to a 9.8% decrease in revenue compared to the previous year, with revenues of KRW 206 trillion recorded for 2014.
- Operating profit decreased by 32.0% to KRW 25.025 trillion, income before income tax expense decreased by 27.3% to KRW 27.875 trillion, and net income decreased by 23.2% to KRW 23.394 trillion.

Performance by division

[Unit: KRW million]

| Classification | Division | Business | 2014 | | 2013 | | % change | | |
|------------------|--------------------------|---------------|-------------|--------|-------------|------------------|-------------|--------|--|
| | | | Amount | Share | Amount | Share | Amount | (%) | |
| | CE | | 50,183,135 | 24.3% | 50,331,515 | 22.0% | Δ148,380 | Δ0.3% | |
| Revenue | IM | | 111,764,544 | 54.2% | 138,817,219 | 60.7% | Δ27,052,675 | Δ19.5% | |
| | DS | Semiconductor | 39,729,902 | 19.3% | 37,436,579 | 16.4% | 2,293,323 | 6.1% | |
| | | DP | 25,727,169 | 12.5% | 29,837,116 | 29,837,116 13.0% | | Δ13.8% | |
| | | Total | 65,789,806 | 31.9% | 67,760,906 | 29.6% | Δ1,971,100 | Δ2.9% | |
| | Overall sales | | 206,205,987 | 100.0% | 228,692,667 | 100.0% | Δ22,486,680 | Δ9.8% | |
| Operating profit | CE | | 1,184,325 | 4.7% | 1,673,343 | 4.5% | Δ489,018 | Δ29.2% | |
| | IM | | 14,562,885 | 58.2% | 24,957,741 | 67.8% | Δ10,394,856 | Δ41.6% | |
| | DS | Semiconductor | 8,776,442 | 35.1% | 6,887,978 | 18.7% | 1,888,464 | 27.4% | |
| | | DP | 660,181 | 2.6% | 2,980,563 | 8.1% | Δ2,320,382 | Δ77.9% | |
| | | Total | 9,430,915 | 37.7% | 10,000,665 | 27.2% | Δ569,750 | Δ5.7% | |
| | Overall operating profit | | 25,025,071 | 100.0% | 36,785,013 | 100.0% | Δ11,759,942 | Δ32.0% | |

[CE Division]

- The CE division's 2014 revenue decreased by 0.3% from the previous year to KRW 50.183 trillion. Consolidated operating profit decreased by KRW 489 billion compared to the previous year to KRW 1.184 trillion.
- Despite a depressed economy and weak demand from developed markets, we maintained our growth momentum mainly with our market-leading premium products such as ultra-high definition UHD TV and refrigerators.

For flat panel TVs, we maintained our No. 1 position in total TV market share, including FPTV and LCD-TV, for the ninth consecutive year. We again achieved the "Triple Crown" thanks to our competitive advantages in technology and design. We continued to widen the gap with our competitors and, as a result, solidified our top position in the market.

In 2015, we will continue to enhance our product leadership through exclusive design features in the premium and over-60" large-size line ups, and lead the market with ultra-high definition SUHD TV.

[IM Division]

- The IM division's revenue and profitability decreased compared to the previous year. 2014 revenue decreased by 19.5% to KRW 111.765 trillion and operating profit declined by 41.6% to KRW 14.563 trillion.
- Despite stronger demand in emerging markets and an increase in premium smartphone sales, our market share and earnings declined compared to the previous year due to enhanced mid to low-end smartphone competitiveness of Chinese local makers and the launch of a large screen premium smartphone by competitors.

In the premium market, the new Note line up and Galaxy Gear S, VR, and Circle are getting positive feedback based on the Galaxy brand image, achieving strong sales from the fourth quarter.

This year, we will reinforce our leadership in the premium market based on differentiated design with new technologies, such as flexible display, and continue to increase mass-market dominance through various line ups. In addition, we will strengthen our position as a market leader who consistently provides new value to customers by investing in wearable products tailored to customers' needs, including Gear S, VR, and Circle, and new growth engines such as Mobile Health Care and B2B.

[Semiconductor]

- The semiconductor business's 2014 revenue increased by 6.1% from the previous year to KRW 39.730 trillion. Operating profit increased by 27.4% compared to the previous year to KRW 8.776 trillion.
- Amid stable demand in the memory market, we enhanced our cost competitiveness and increased high value-added product sales. As a result, our earnings improved remarkably. We also increased investment in the advanced process technologies to reinforce our technology leadership.
- For DRAM, while ASP remained strong due to overall supply shortage, supply remained unstable in the fourth quarter of 2014. In particular, as other makers are experiencing a delay in producing cutting-edge high-performance and high-density products such as DDR4 and LPDDR4, we had a high level of demand. For NAND, supply and demand condition has been stabilizing since the second half of 2014 led by increased adoption in new smartphones and expansion of SSD adoption.

In the first quarter of 2015, we expect the cloud server and mid to low-end mobile markets to grow. Accordingly, we plan to increase differentiated products based on cutting-edge processes and respond to each application by using various product line ups so that we can continue to lead the market as the No.1 memory maker.

We have been maintaining our research and development competitive advantage which is over one year ahead of peer companies. We are also reinforcing our market leadership by launching premium products.

For DRAM, we are leading the market by stabilizing production and yield of 20nm products and accelerating development of 10nm DRAM. As for NAND, we are aggressively entering the premium market by adding V-NAND in high-performance SSD, and expanding the share of high-quality 3bit products to maximize cost competitiveness.

Looking forward to 2015, we will maintain our industry leadership as the No. 1 memory maker by leveraging our technological advantages and cost competitiveness from advanced process development. We will continue to expand our market dominance by further improving cost competitiveness and offering differentiated products through advanced process development.

- For System LSI, we expect continued growth of mobile products in 2015 as the mid to low-end smartphone and tablet markets expanded further in emerging markets in 2014.

For SOC products, demand for mobile IC, such as AP and modem SOC, is on the rise. Demand for an integrated chip, which provides all functions at once, is also increasing due to the expansion of the mid to low-end smartphone and tablet markets. We are securing the competitiveness of CIS products in emerging markets by differentiating our hardware with high-pixel technology. In response to this increasing demand for mid to low-end IC chips, we plan to release more competitive products earlier than competitors by leveraging our advanced process advantages.

The System LSI market is growing mainly due to mobile. We expect the wearable device and IOT markets to grow further. Our AP business profits are driven by increased 28/20nm AP offerings. In the first quarter of 2015, we will introduce 14nm products to solidify our technological advantages. Additionally, we will further reinforce our competitiveness in AP by expanding the modem/ModAP business and mass producing connectivity products. For the foundry business, we are strengthening our market leadership by developing leading-edge processes, such as next-generation 14nm process, that are ahead of our competitors.

[DP]

- The DP division's 2014 revenue decreased by 13.8% from the previous year to KRW 25.727 trillion. Operating profit decreased by 77.9% compared to the previous year to KRW 660.2 billion.
- We responded to the market needs in a timely manner by expanding sales of panels for curved and over-60" UHD TV based on solid demand for large-size TV panel. However, small to medium size panel earnings decreased compared to the previous year due to a decline in tablet market demand.

For the large size panel business, we improved our manufacturing competitiveness by enhancing yield and reducing product defect rates across all product line ups based on our TFT-LCD technologies. We further strengthened our competitive advantages by offering full line ups in large size TV panels and developing panels for curved TV.

For cost savings, we are continuing our efforts to develop highly transparent panels and to localize key manufacturing equipment. We will strengthen partnerships with customers in technology and product development to maintain the highest utilization rate in the industry and to maximize profitability.

For the small to medium size panel business, we expect the product line ups to expand from premium smartphones to mid to low-end, and the trends toward higher resolution as well as higher size smartphone panel to continue. We will reinforce our position in the premium market with our flexible and ultra-high resolution products, and focus on securing mid to long-term growth momentum and strengthening business competitiveness by expanding our customer base in the mid to low-end market.

In 2015, we plan to expand premium product sales, including high-quality curved and over-60" UHD TV, actively respond to the market demand by reinforcing our mass-market display panel competitiveness, and strengthen cost competitiveness to improve profitability. In addition, while we secure product competitiveness through next-generation displays, we will also focus on developing future technologies such as transparent display to cement our position as a market-leading display maker.

C. New businesses

N/A

D. Changes in Organizational Structure

In December 2009, following an organizational change, the Company was reorganized from a two-divisional system (DMC and DS) to a system of seven independent business units. Additionally, the total number of regional headquarters increased to 10, as the Africa regional headquarters was newly established.

In April 2010, the Digital Imaging business unit was added through a merger with Samsung Digital Imaging. In December 2010, an overseas semiconductor division was changed from a subsidiary to a regional headquarters.

In July 2011, the Company established the DS business headquarters to reinforce synergies in the component business. In December 2011, following an organizational change, the DMC division was re-established and the Company returned to a two-divisional system (DMC and DS).

In April 2012, the LED business unit was added through a merger with Samsung LED.

In May 2012, the Japan regional headquarters was established under the DS division.

In December 2012, following an organizational change, the CE and IM businesses were upgraded to individual division status, and the IT Solution business was divided into the Printing Solution and Computer businesses. The Printing Solution business was incorporated into the CE division, and the Computer business was integrated into the Mobile business under the IM division. The Medical Device business team was upgraded to a business unit within the CE division.

In December 2013, the Digital Imaging business was changed to a team unit, and then was integrated with the Mobile business.

No changes have made during 2014.

(Refer to $\lceil 2$. Company History of $\lceil I$. Corporate Overview for more details about changes in the organizational structure.)

E. Foreign Exchange Risk

The Company is exposed to foreign exchange risks of currencies, including USD, in carrying out business activities. Uncertainty related to exchange rates could influence business transactions, assets and liabilities in the future. In particular, as the Company exports more than it imports, won cash flow can be negatively impacted when the won is strong. As such, the Company focuses on minimizing foreign exchange risk by matching foreign currency income and expenditure and does not hedge foreign currencies using derivatives. In particular, macroeconomic factors such as a fall in KRW/USD exchange rate and global policies to move away from ultra-low interest rates can negatively impact the Company's profitability.

4. Liquidity, Financing, and Expenditure

As of the end of 2014, the Company has KRW 61.817 trillion of liquid funds.

These liquid funds include i) cash and cash equivalents, ii) short-term financial instruments, and iii) short-term available-for-sale securities. This balance increased by KRW 7.321 trillion from KRW 54.496 trillion at the end of the previous period.

The Company's short-term borrowings (including alternatives for liquidity) are KRW 9.808 trillion, an increase of KRW

943.7 billion from KRW 8.864 trillion of the end of the previous year. Long-term borrowings are KRW 1.458 trillion, a decrease of KRW 838.6 billion from KRW 2.296 trillion of the end of the previous year.

The Company's net cash (liquid funds - borrowings) is KRW 50.552 trillion, which is an increase of KRW 7.216 trillion from KRW 43.336 trillion of the end of the previous period.

The Company has ample liquidity according to the liquidity assessment index of the global credit rating agency Moody's. The Company's cash coverage (cash and cash equivalents/borrowings), which is a major liquidity index that Moody's uses, corresponds to the highest level, Aaa.

| | 2014 | 2013 | Note | |
|---|------|------|----------------|--|
| Cash Coverage | 549% | 488% | Moody's rating | |
| (Cash and cash equivalents /borrowings) | 349% | 400% | Aaa : >100% | |

5. Other Information for Investment Decision Making

A. Significant accounting policies and estimation

- Refer to \$\mathbb{T}\$2. Note to Consolidated Financial Statements \$\mathbb{J}\$ in \$\mathbb{T}\$III. Financial Affairs \$\mathbb{J}\$ for significant accounting policies and estimates.

B. Environment and employees

- Refer to \$\[\tilde{\sigma} \] 5. Sanctions and others \$\[\tilde{\sigma} \] in \$\[\tilde{\sigma} \tilde{\sigma} \]. Other information for investor protection \$\[\tilde{\sigma} \] for environmental sanctions or administrative actions.
- No significant changes in employee positions during this period.

C. Legal regulations

- Refer to \$\[\tilde{\sigma} \] 5. Sanctions and others \$\[\tilde{\sigma} \] of \$\[\tilde{\sigma} \] XI. Other information for investor protection \$\[\tilde{\sigma} \] for major legal regulations on the Company's businesses.

D. Derivatives and risk management policy

- To manage exchange rate risk, overseas companies enter into currency forwards which are denominated in the trading currency of a foreign currency position as opposed to the companies' reporting currencies. Overseas offices buy or sell currency forwards with less than one year maturity via a bank to avert risk.

VI. Corporate Governance

1. Board of Directors

A. Overview of Board of Directors

As of December 31, 2014, the Board of Directors (BOD) consists of nine (9) directors, four (4) of whom are executive directors (Oh-Hyun Kwon, Boo-Keun Yoon, Jong-Kyun Shin, and Sang-Hoon Lee) and five (5) independent directors (In-Ho Lee, Han-Joong Kim, Kwang-Soo Song, Byeong-Gi Lee, and Eun-Mee Kim). The Board has six (6) committees as follows: Management Committee, Audit Committee, Independent Director Recommendation Committee, Related Party Transactions Committee, Compensation Committee, and CSR Committee.

B. The BOD Agendas considered and voting results

| | | Results | Independent directors | | | | | |
|-----------------|--|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| Date | Agenda | | In-Ho Lee | Han- Joong Kim | Kwang- Soo Song | Byeong- Gi Lee | Eun-Mee Kim | |
| Jan 24, 2014 | Approval of FY2013 financial statements and annual business report Approval of FY2014 business plan Revision to management committee regulations Participation in Samsung BioLogics equity rights offerings Appointment of compliance officer Reported Items Report on the internal accounting management system Assessment of the internal accounting management system Report on the results of establishment of research committee for environmental safety | Approved Approved Approved Approved Approved | For For For For | For For For For | For For For For | For For For For | For For For For | |
| Feb 18, 2014 | Decision to convene the 45th (FY2014) AGM Decision of the 45th AGM agenda items - report items: 1) FY2013 annual audit report 2) FY2013 annual business report - Item 1: Approval of FY2013 financial statements, including balance sheet, income statement, and the statement of appropriation of retained earnings, etc. - Item 2: Approval of remuneration limit for Directors 3 Donation to Chung-nam Samsung Institute ★** Reported Item □ Report on the results of compliance review | Approved Approved | Did not attend | For For | For For | For For | Did not attend | |
| Apr 29, 2014 | Approval of 1Q FY14 financial statements and business report Renewal of the existing Directors' liability insurance policy Donation Application for Venture Capital Union | Approved Approved Approved Approved | For For For For | For For For For | For For For For | For For For For | For For For For | |
| Jun 03, 2014 | Disposal of technology assets Equity investments A property leasing contract with Samsung Display Reported Items Research results and findings from the advancement of corporate ecosystem research council Reported Progress of research results for the environmental safety | Approved Approved Approved | For For For | For For For | For For For | For For For | For For For | |

| Jul 31, 2014 | Approval of the 46th 1H14 financial statements, business report, and interim dividend Approval of Samsung Asset Management annual trade volume Application for property insurance Donation to Sungkyunkwan University Donation to Samsung Science & Technology Foundation | Approved Approved Approved Approved Approved | For For For For | For For For For | For For For For | For For For For | For For For For |
|-----------------|---|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Oct.30 2014 | Approval of the 46th 3Q14 financial statements and business report | Approved | For | For | For | For | Did not attend |
| Nov.26 2014 | Approval of transactions with affiliate persons Payment of retirement pensions Equity investments Real estate rental from Samsung Life Insurance Acquisition of treasury stock | Approved Approved Approved Approved Approved | For For For For | For For For For | For For For For | For For For For | Did not attend |

C. The Committees of BOD

(1) Composition of the BOD Committees as of December 31, 2014

| Committee Name | Members | Member Name | Responsibility and Authority |
|-------------------------------|----------------------------|---|------------------------------|
| Management | 4 Executive Directors | Oh-Hyun Kwon, Boo-Keun Yoon, Jong-Kyun Shin, Sang-Hoon Lee | |
| Related Party Transactions | 3 Independent Directors | In-Ho Lee, Han-Joong Kim, Kwang-Soo Song | One description below |
| Compensation | 3 Independent Directors | Kwang-Soo Song, In-Ho Lee, Byeong-Gi Lee | See description below |
| CSR | 5 Independent Directors | Byeong-Gi Lee, In-Ho Lee, Han-Joong Kim, Kwang-Soo Song, Eun-Mee Kim | |

^{**} The Audit Committee and Independent Director Recommendation Committee were excluded according to *Corporate Disclosure Guidelines* set forth by the *Financial Supervisory Service Authority* of South Korea.

i) The Management Committee

- *Responsibility:* The Management Committee deliberates and decides on matters specified by the BOD regulations and resolutions or specifically delegated by the BOD. The composition and operation of the management committee are determined by the BOD.

- Authority

The Management Committee deliberates and decides on the following matters:

(A) General management

- 1. Annual or mid to long-term management policy and strategy
- 2. Key management strategy
- 3. Business planning and restructuring
- 4. Establishment, relocation, and withdrawal of overseas branch and corporation
- 5. Initiating cooperation such as strategic partnership with foreign companies
- 6. Acquisition or disposal of domestic and overseas subsidiaries
- 7. Other major management matters
- 8. Establishment, relocation, and withdrawal of branches and operations
- 9. Appointment or dismissal of supervisors
- 10. Suspension or shutdown of production over 5% of the total production in the recent year

- 11. Licensing agreements and technology transfer, partnership in regards to technology of over 0.5% of the total equity
- 12. Acquisitions and transfers of patents related to new material and new technology of over 0.5% of the total equity
- 13. Collection and destruction of products corresponding to over 5% of the total sales in the recent business year
- 14. Contracting for over 5% of the total sales in the recent business year
- 15. Contracting or canceling of single sales agency and suppliers over 5% of the total sales in the recent business year
- 16. Set basic principles of organization management
- 17. Decision making on basic principles and any changes related to wages, bonus, and fringe benefits
- 18. Appointments, dismissals and changes of transfer agent
- 19. Closing of shareholder register and setting reference date
- 20. Establishing corporate guidelines for business and management related activities
- 21. Donations over KRW 50 billion per donation. Donation to related parties between KRW 1 billion and KRW 5 billion

(B) Matters related to Finance

- 1. Acquisitions or disposals of equity investments with a value between 0.1% and/or less than 2.5% of the total equity
- 2. Direct overseas investments with a value of over 0.1% and/or less than 2.5% of the total equity
- 3. New debt guarantee (excluding extension of period) or collateral issuance with a value of over 0.1% and/or less than 2.5% of the total equity
 - A. Collateral: Only in the case of providing collateral for others
 - B. Guarantee: Excludes performance guarantee (e.g., bid, contract, defect, difference guarantee) and tax payment guarantee
- 4. New credit agreement contract (excluding extension of period) with a value of over 0.1% and/or less than 5% of the total equity
- 5. Approval of related party transactions:
 - Related party transactions with affiliates involving cash (loans and payments), equity (stocks and bonds) or assets (such as real estate and intangible property rights) with a value between KRW 1 billion and/or less than KRW 5 billion, as defined in the Monopoly Regulation and Fair Trade Act
 - * Excluding cases where existing contracts are renewed without significant change.
- 6. Issuance of Corporate Bond
- 7. Acquisition and disposal of real estate with a value of over 0.1% of the total equity, provided that the transaction is with the third party
- 8. Any matters that the CEO deems necessary and important for the business (e.g., CAPEX)
- (C) All other matters except for those delegated to the BOD and other committees in accordance with BOD regulations

ii) Related Party Transactions Committee

- Responsibility: Improve management transparency through establishment of a voluntary compliance system Authority
- 1) Right to receive reports on related party transactions:
 - The Committee can request reports on related party transactions with affiliates
 - ** According to the Monopoly Regulation and Fair Trade Act, the Related Party Transactions committee is permitted to conduct preliminary reviews and approves on related party transactions over KRW 5 billion and other transactions that are deemed as significant.
- 2) Right to order ex officio investigation of related party transactions
- 3) Right to propose corrective measures for related party transactions

iii) Compensation Committee

- Responsibility: Provide transparent and objective decision making process related to remuneration of directors Authority
- 1) Propose remuneration limit of directors at annual general shareholders' meeting
- 2) Establish the director remuneration system
- 3) Other matters delegated by the Board

iv) CSR Committee

- Responsibility: Address social responsibilities of the Company and make contributions to public interest
- Authority
- 1) Make decisions on matters related to social contributions of the Company
- 2) Establish research groups under the committee, appoint researchers, and devise CSR management plan
- 3) Other matters delegated by the Board

(2) The BOD Committee Activities

** The Audit Committee and Independent Director Recommendation Committee were excluded according to *Corporate Disclosure Guidelines* set forth by the *Financial Supervisory Service Authority* of South Korea.

The Management Committee

| Name | Date | Agenda | Voting Results | Attendance/Voting Results of Independent Directors |
|-------------------------|---|--|----------------------------------|--|
| | Jan 20, 2014 | Patent license agreement Patent license agreement Establishment of production base in the Republic of South Africa Product donations to Chung-nam Samsung Institute | Approved Approved Approved | |
| | Feb 19, 2014 | Technology license agreement Liquidation of a subsidiary | Approved Approved | |
| | Mar 19, 2014 | ① Ownership sales of Samsung Bluewings | Approved | |
| | May 14, 2014 | Increase the limit on trade finance Exercise of voting rights for merger with affiliates Donation | Approved Approved Approved | |
| Management Committee | Jun 3, 2014 | Patent license agreement Closing of shareholder register for interim dividend | Approved Approved | N/A (All comprised of executive directors) |
| | Jul 16, 2014 | Stake acquisition Stake acquisition LED investment | Approved Rejected Approved | |
| | Jul 31, 2014 | Stake acquisition Patent license agreement | Approved Approved | |
| | Aug 13, 2014 ① Stake acquisition ② Memory investment | | Approved Approved | |
| | Sep 17, 2014 | Bid for real estate purchase S.LSI investment Establishment of overseas marketing corporate entity | Approved Approved Approved | |

| Oct | ot 15 2017/1 | Memory investment Exercising voting rights regarding merger | Approved Approved | |
|-----|--------------|--|--|--|
| Nov | ov 12, 2014 | ① Stake acquisition | Approved | |
| Nov | ov 26, 2014 | Stake sales Establishment of overseas complex Business disposal Memory investment Integration of corporate bases | Approved Approved Approved Approved Approved | |
| Dec | ec 10, 2014 | ① Merger with overseas office | Approved | |

☐ The Related Party Transactions Committee

| | | | Name of independent directors | | | |
|-----------------|---|-------------------|-----------------------------------|--|---|--|
| Date | Agenda | Voting Results | In-Ho Lee (Attendance: 86%) | Han-Joong Kim (Attendance: 100%) | Kwang-Soo Song (Attendance: 100%) | |
| | | | | For/against | | |
| Jan 23, 2014 | - Preliminary review on large-scale related party transactions 1) Participation in Samsung BioLogics equity rights offerings | N/A | - | - | - | |
| | - Report on 4Q13 related party transactions | | - | - | - | |
| Feb 18, 2014 | - Preliminary review on large-scale related party transactions 1) Donation to Chung-nam Samsung Institute | N/A | Did not attend | - | - | |
| Apr 28, | - Preliminary review on large-scale related party transactions 1) Renewal of the existing directors' liability insurance policy 2) Donation | | - | - | - | |
| 2014 | N/A | N/A | - | - | - | |
| Jun 3, 2014 | - Preliminary review on large-scale related party transactions 1) Disposal of Technology assets 2) Equity investments 3) A property Leasing contract with Samsung Display | N/A | - | - | - | |
| Jul 30, 2014 | - Preliminary review on large-scale related party transactions 1) Approval of Samsung Asset Management annual trade volume 2) Application for property insurance 3) Donation to Sungkyunkwan University 4) Donation to Samsung Science & Technology Foundation - Report on 2Q14 related party transactions | N/A | - | - | - | |
| Oct 29, 2014 | - Report on 3Q14 related party transactions | N/A | - | - | - | |
| Nov 26, 2014 | - Preliminary review on large-scale related party transactions 1) Approval of 2015 large-scale transactions of goods/services 2) Payment of retirement pensions 3) Equity investments 4) Real estate rental from Samsung Life Insurance | N/A | - | - | - | |

The Compensation Committee

| | | | Name of Independent Directors | | | | |
|-----------------|--|--|-------------------------------|--------------------------------|-------------------------------------|--|--|
| Date Agenda | | Agenda Voting Kwang-Soo Results (Attendance | | In-Ho Lee (Attendance: 50%) | Byeong-Gi Lee (Attendance: 100%) | | |
| | | | For/Against | | | | |
| Feb 13, 2014 | Appointment of the head of compensation committee | Approved | For | For | For | | |
| Feb 18, 2014 | Preliminary review on remuneration limit for Directors | Approved | For | Did not attend | For | | |

□ The CSR Committee

| | | | Name of Independent Directors | | | | | |
|-----------------|--|-------------------|--|------------------------------------|--|--|--|--|
| Date | Agenda | Voting Results | Byeong-Gi Lee (Attendance: 100%) | In-Ho Lee (Attendance: 100%) | Han-Joong Kim (Attendance: 100%) | Kwang-Soo Song (Attendance: 100%) | Eun-Mee Kim (Attendance: 50%) | |
| | | | | | For/Against | | | |
| Jan 24, 2014 | Report on the results of establishment of research committee for environmental safety | Approved | For | For | For | For | For | |
| May 30, 2014 | Research results and findings from the advancement of corporate ecosystem research council Reported Progress of research results for the environmental safety | N/A | - | - | - | - | Did not attend | |

D. Director Independence

(1) Appointment of Directors

Directors are appointed by shareholders at the annual general meeting of shareholders. The Board is responsible for nominating candidates for Executive Directors, and the Independent Director Recommendation Committee nominates independent director candidates, which are presented to shareholders as separate agendas and voted on at the annual general meeting.

The Board submits shareholders' proposal for appointment of Directors at the annual general shareholder meeting as a separate agenda if the proposal satisfies related laws and regulations.

The Board of Directors appointed by shareholders is as follows:

[As of December 31, 2014]

| Position | Name | Nominated by | Responsibility | Transactions with the Company | Relation with the controlling shareholder |
|-------------------------|----------------|---|---|-------------------------------|---|
| Executive Director | Oh-Hyun Kwon | BOD | Chairman of BOD Head of DS Division | | |
| Executive Director | Boo-Keun Yoon | BOD | Head of CE Division | | |
| Executive Director | Jong-Kyun Shin | BOD | Head of IM Division | | |
| Executive Director | Sang-Hoon Lee | BOD | CFO, Head of Corporate Management Office | | |
| Independent Director | In-Ho Lee | Independent Director Recommendation Committee | Overall management of the Company | | |
| Independent Director | Han-Joong Kim | Independent Director Recommendation Committee | Overall management of the Company | N/A | N/A |
| Independent Director | Kwang-Soo Song | Independent Director Recommendation Committee | Overall management of the Company | | |
| Independent Director | Byeong-Gi Lee | Independent Director Recommendation Committee | Overall management of the Company | | |
| Independent Director | Eun-Mee Kim | Independent Director Recommendation Committee | Overall management of the Company | | |

^{*} Oh-Hyun Kwon, Boo-Keun Yoon, and Jong-Kyun Shin are appointed as the Represented Directors of the Company in accordance with the Commercial Act of Korea.

(2) Independent Director Recommendation Committee

The Independent Director Recommendation Committee assesses the independence and ability of potential candidates and recommends selected candidates to be appointed at the annual general meeting of shareholders. The committee is composed of three Independent Directors (Han-Joong Kim, Byeong-Gi Lee, and Eun-Mee Kim) and one Executive Director (Oh-Hyun Kwon) based on related laws that states more than a majority of members should be independent directors in accordance with clause 4 of Article 542-8 of the Commercial Law.

(3) Professionalism of Independent Directors

There are designated support group in the Company that supports independent directors to perform their duties professionally in the BOD and the Board committees. The support group provides reference materials on the meeting agendas in advance so Directors can thoroughly review them before the Board and committee meetings. If necessary, the support group provides separate information sessions on any agenda and frequently provides updates on other key management issues. In addition, the support group conducts internal education programs which allow Independent Directors to visit and conduct inspect domestic and overseas business sites and receive reports of the current state of business operation.

2. Audit System

A. Profile of the member of the Audit Committee

As of December 31, 2014, the Company operates an Audit Committee consisting of three (3) Independent Directors.

| Name | Career | Note |
|----------------|---|----------------------|
| In-Ho Lee | Corporate Advisor, Shinhan Bank (2009-2011) Chief Executive Officer, Shinhan Financial Group (2005-2009) President & CEO, Shinhan Bank (1999-2003) | Independent director |
| Han-Joong Kim | Professor Emeritus, Yonsei University (2012~Present) President, Yonsei University (2008-2012) Professor, Dept. of Preventive Medicine & Public Health (1982-2012) | Independent director |
| Kwang-Soo Song | Advisor, Kim & Chang Law Office (2007-Present) Prosecutor General, Supreme Prosecutors' Office (2003-2005) Chief Prosecutor, Daegu High Prosecutors' Office (2002-2003) | Independent director |

B. Audit Committee Independence

Pursuant to related laws and the Articles of Incorporation, the Company has prepared internal audit regulations which encompass composition, operation, authority, and responsibility of the Audit Committees to carry out audit related activities.

The Audit Committee is exclusively composed of Independent Directors appointed at the annual general shareholder meeting and includes audit and financial experts. Also, the Audit Committee satisfies requirements of relevant laws. (e.g., The stipulation that the role of head of the committee be held by an Independent Director.

The Audit Committee reviews accounting documents including financial statements and audit process related documents presented by the external auditor, and if needed, requests the external auditor to perform additional reviews on accounting books and records. To ensure the reliability of accounting related disclosures, the audit committee receives and reviews a report on internal accounting control systems prepared by internal accounting managers. In addition, the Committee attends the BOD meetings and other significant meetings. The Committee receives reports on deliberations of the Management Committee and on business performance from Directors and requests additional reviews and supplementation of data as needed.

C. Major Activities of the Audit Committee

See the table below for major activities of the Audit Committee by reporting date.

| | | | | Name of independent directors | | | | |
|-----------|-----------------|--|--------------------|--------------------------------|-------------------------------------|--------------------------------------|--|--|
| Name | Date | Agenda | Voting Results | In-Ho Lee (Attendance: 80%) | Han-Joong Kim (Attendance: 100%) | Kwang-Soo Song (Attendance: 100%) | | |
| | | | | | For/Against | | | |
| | | - 2013 financial and business reports - Report on 2013 internal accounting management system activities | - | - | - | - | | |
| | Jan 23, 2014 | - Report on 4Q13 non-audit activities - Report on appointment plan of external auditor - Report on 2013 audit activities | - | - - | - - | - | | |
| | | ' | - A | - | - | - | | |
| Audit | Feb 18, 2014 | Review and approval of appointment of external auditor Review of the 2013 AGM agenda Assessment of 2013 activities of internal compliance system | Approved - - | Did not Attend | For - - | For - - | | |
| Committee | Apr 28, 2014 | Report on the 1Q14 financial statements and business report Report on 1Q14 non-audit activities | - | - | - | - | | |
| | Jul 30, 2014 | Report on the 1H14 financial statements and business report Report on 2Q14 non-audit activities | - | - | - | - | | |
| | | - Report on 1H14 audit activities | - | - | - | - | | |
| | Oct 29, 2014 | Report on the 3Q14 financial statements and business report Report on 3Q14 non-audit activities | - | - | - | - | | |

3. Voting rights of shareholders

A. Voting method

The Company has not adopted the concentrated voting system, voting in writing, or electronic voting system.

B. Minority Shareholder Right

No minority shareholder right was exercised during the reporting period.

C. Competition over management right

No competition over management rights occurred during the reporting period.

VII. Information on Shareholders

1. Ownership of shares by the major shareholder and related parties

The following table presents changes in shares held by the major shareholder and related parties as of the beginning and end of the reporting period.

[As of December 31, 2014] (Unit: Shares, %)

| | | _ | | | | | |
|--|----------------------|------------------|----------------|--------|----------------|-------|-------------------|
| Name | Relationship | Type of share | Beginning of | period | End of peri | od | Note |
| | | Silaic | # shares owned | % | # shares owned | % | |
| Kun-Hee Lee | Major shareholder | Common | 4,985,464 | 3.38 | 4,985,464 | 3.38 | - |
| Kun-Hee Lee | Major shareholder | Preferred | 12,398 | 0.05 | 12,398 | 0.05 | - |
| Samsung C&T | Affiliate | Common | 5,976,362 | 4.06 | 5,976,362 | 4.06 | - |
| Samsung Welfare Foundation | Affiliate | Common | 89,683 | 0.06 | 89,683 | 0.06 | - |
| Samsung Foundation Of Culture | Affiliate | Common | 37,615 | 0.03 | 37,615 | 0.03 | - |
| Ra-Hee Hong | Affiliate | Common | 1,083,072 | 0.74 | 1,083,072 | 0.74 | - |
| Jae-Yong Lee | Affiliate | Common | 840,403 | 0.57 | 840,403 | 0.57 | - |
| Samsung Life Insurance | Affiliate | Common | 10,622,814 | 7.21 | 10,622,814 | 7.21 | - |
| Samsung Life Insurance | Affiliate | Preferred | 879 | 0.00 | 879 | 0.00 | - |
| Samsung Life Insurance (special accounts) | Affiliate | Common | 514,098 | 0.35 | 486,926 | 0.33 | Open market sales |
| Samsung Life Insurance (special accounts) | Affiliate | Preferred | 26,379 | 0.12 | 52,332 | 0.23 | Open market sales |
| Samsung Fire & Marine Insurance | Affiliate | Common | 1,856,370 | 1.26 | 1,856,370 | 1.26 | - |
| Samsung Fire & Marine Insurance (special accounts) | Affiliate | Common | 143 | 0.00 | 0 | 0.00 | Open market sales |
| Samsung Fire & Marine Insurance (special accounts) | Affiliate | Preferred | 53 | 0.00 | 0 | 0.00 | Open market sales |
| Cheil Industries | Affiliate | Common | 9,679 | 0.01 | 0 | 0.00 | Open market sales |
| Oh-Hyun Kwon | Affiliate | Common | 3,000 | 0.00 | 3,000 | 0.00 | - |
| Sang-Hoon Lee | Affiliate | Common | 1,473 | 0.00 | 1,473 | 0.00 | - |
| Total | | Common | 26,020,176 | 17.66 | 25,983,182 | 17.64 | - |
| iolai | | Preferred | 39,709 | 0.17 | 65,609 | 0.29 | - |

^{**} In the beginning of the period(year-end 2013), Samsung Securities held 10 voting shares to broker loan transactions and ETF transactions. But as of the end of the reporting period, it no longer owns any share.

- * As of April 24, 2014, Cheil Industries sold 9,679 shares in the market.
- ** Note: According to the closed shareholder register, as at December 31,2014, Yong-Jin Jeong, CEO of Shinsegye, holds 245,000 shares
- * The definition of major shareholder is as defined in the Monopoly Regulation and Fair Trade Act

[The major shareholder]

- O Name of the major shareholder: Kun-Hee Lee
- O Career (recent 5 years): Chairman of Samsung Electronics (2010.3 ~)

Chairman/CEO of Samsung Electronics (1998.4 ~ 2008.4) Vice Chairman of the Federation of Korean Industries (1987 ~) Member of the International Olympic Committee (1996 ~)

- There are no changes of the major shareholder recorded during the reporting period.

2. Ownership of shares

As at December 31, 2014, the date of Suspension of Entry in the Register of Shareholders, shareholders with over 5% voting shares, excluding the major shareholder, are as follows:

[As of December 31, 2014]

(Unit: Shares)

| Classification | Name | Number of shares owned | Share ratio | Note |
|--------------------------------------|--------------------------|------------------------|-------------|------|
| Shareholders with | National Pension Service | 11,164,905 | 7.58 | - |
| over 5% voting shares | Samsung Life Insurance | 11,109,740 | 7.54 | - |
| Employee Stock Ownership Association | | - | - | - |

^{*} The number of shares owned and share ratio of Samsung Life Insurance includes special accounts.

3. Minority Shareholders

[As of December 31, 2014]

(Unit: Person, Shares, %)

| 01 10 11 | Shareh | Shareholder | | s owned | |
|-------------------------|-------------------|-------------|-------------|---------|---|
| Classification | # of shareholders | Portion | # of shares | Portion | Note |
| Minority shareholder | 115,030 | 99.94 | 84,010,794 | | Shareholders with shares less than 1/100 of total issued stocks |
| Total | 115,097 | 100.00 | 147,299,337 | 100.00 | |

^{*} On common stock (with voting right) basis.

4. Stock Affairs

- 1. New shares to be issued by the Company shall be allocated to the shareholders in proportion to their respective shareholdings in accordance with Paragraph 6, Article 8. If shareholders wave or lose their preemptive right to new shares issues or if there are fractional shares at the time of allocation of new shares, such shares may be handled by a resolution of the Board of Directors.
- 2. Notwithstanding the above Paragraph 1, new shares may be allocated to persons other than shareholders in the following cases:
 - a. If the Company issues new shares or causes underwriters to underwrite new shares by a resolution of the Board of Directors in accordance with the applicable laws and regulations including the Securities and Exchange Act ("SEA");
 - b. If the Company allocates new shares preferentially to members of the Employee Stock Ownership
 Association by a resolution of the Board of Directors in accordance with the applicable laws and
 regulations including SEA;
 - c. If the Company issues new shares for the issuance of depositary receipts (DR) by a resolution of the Board of Directors in accordance with the applicable laws and regulations including SEA;
 - d. If the Company issues new shares by public offering in accordance with Article 11-3;
 - e. If new shares are issued by the exercise of stock options in accordance with Article 11-4;
 - f. If the Company issues new shares to the extent of 30% of the total issued and outstanding shares, to domestic or foreign financial institutions to obtain financing urgently, or to partner companies to induce technology therefrom, etc., by a resolution of the Board of Directors; provided that the issue price of the new shares shall not be less than the price prescribed by Article 84-5 of the Enforcement Decree of SEA.

(Note) Paragraph 6, Article 8

In the case of rights issues, bonus issues or stock dividends, common shareholders shall be entitled to common shares, and preferred shareholders shall be entitled to preferred shares, in proportion to their respective shareholdings; provided that in the case of rights issue and stock dividend the Company may, if necessary, issue only one kind of shares, where all the shareholders, regardless of the class of their shares, shall be entitled to the kind of shares to be issued.

- (Note) Article 11-3 (Public Offering)
- 1. The Company may issue new shares by public offering to the extent that the new shares do not exceed 30% of the total number of issued and outstanding shares by a resolution of the Board of Directors, pursuant to Article 189-3 of the SEA.
- 2. If the Company issues new shares by public offering, the type, number and issue price of the new shares shall be determined by a resolution of the Board of Directors; provided that the issue price of such new shares shall not be less than the price prescribed by Article 84-5 of the Enforcement Decree of the SEA.

Preemptive Rights in the Articles of Incorporation

- (Note) Article 11-4 (Stock Options)
- 1. The Company may grant stock options to its officers and employees (in this Article, "officers and employees" include officers and employees of the related companies as set forth in Article 189-4, Paragraph 1 of the SEA) by a special resolution of the general meeting of shareholders pursuant to Article 189-4 of the SEA, to the extent permitted by the SEA; provided, however, that the Company may grant the stock options to its officers and employees (except for the directors of the Company) by a resolution of the Board of Directors to the extent determined by the relevant laws and regulations.Amended, Feb.28, 2002>
- 2. The persons to whom stock options may be granted are the officers and employees who have contributed or have the capacity to contribute to the establishment, management, overseas business, technical innovation, etc. of the Company; provided, however, that the officers and employees who are not entitled to stock options under the relevant laws and regulations shall be excluded.
- 3. The shares to be issued to the officers or employees by the exercise of their stock options (in case the Company pays, either in cash or treasury shares, the difference between the exercise price of stock options and the market price, they refer to the shares which are the basis for such calculation) shall be common shares in registered form or preferred shares in registered form.
- 4. Total number of shares to be delivered in accordance with the exercise of stock options shall be up to the extent permitted by the relevant laws and regulations.

Preemptive Rights in the Articles of Incorporation

- 5. The stock options may be exercised until an expiry date determined by a resolution of the general meeting of shareholders or the Board of Directors and the expiry date shall be in no more than eight (8) years from when two (2) years have elapsed from the date of the general meeting of shareholders or the Board of Directors' meeting at which a resolution to grant such stock options was; provided, however, that the person to whom a stock option is granted should serve the Company for at least two (2) years after the date of such resolution in order to exercise such stock option, unless otherwise set forth by relevant laws and regulations.
 Amended, Feb.28, 2002>
- 6. The terms and conditions of stock options, such as the contents and exercise price thereof shall be determined by a special resolution of the general meeting of shareholders or by a resolution of the Board of Directors in accordance with the relevant laws and regulations and the Articles of Incorporation; provided, however, that such matters which are not provided for as matters reserved for resolutions of the general meeting of shareholders or the Board of Directors' meeting under the relevant laws and regulations or the Articles of Incorporation may be determined by the Board of Directors or a committee authorized by the Board of Directors.
- 7. The Company may cancel the grant of stock options by a resolution of the Board of Directors in any of the following cases: <Amended, Feb.28, 2002>
 - a. In case the option grantees voluntarily retire from their office or leave the Company after the grant of stock options;
 - b. In case the option grantees cause substantial damage to the Company due to their willful misconduct or negligence;
 - c. In case any of the causes for cancellation set forth in the stock option agreement occur

| Settlement date | December 31 Annual General Meetings of Shareholders | | Within 3 months after the end of every business year | | | |
|---------------------|---|--|--|----------------|--|--|
| Sharehol | der register closing | period | One month from January 1 | | | |
| Stock type | | 1,5,10 | ,50,100,500,1000,10000(8 ty | rpes) | | |
| Transfer agent | Korea Secur | Korea Securities Depository(T: +82-2-3774-3000): 23, Yeouinaru-ro 4-gil, Yeongdeungpo-gu, Seoul, Korea | | | | |
| Shareholder benefit | | n/a | Published on | Joongang Daily | | |

5. Stock Price and Stock Transactions

A. Domestic stock market

(Unit: KRW, Shares)

| | Туре | | July '14 | August | September | October | November | December |
|-----------|-------------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | Highest | 1,395,000 | 1,317,000 | 1,226,000 | 1,244,000 | 1,287,000 | 1,352,000 |
| | Stock price | Lowest | 1,284,000 | 1,222,000 | 1,150,000 | 1,083,000 | 1,190,000 | 1,266,000 |
| Common | | Average | 1,329,565 | 1,261,450 | 1,193,895 | 1,126,143 | 1,221,250 | 1,310,143 |
| stock | | Highest (day) | 487,027 | 564,621 | 466,184 | 772,463 | 887,556 | 409,817 |
| | Volume | Lowest (day) | 119,577 | 168,153 | 113,281 | 124,877 | 120,604 | 112,756 |
| | | Monthly | 4,749 | 5,113 | 4,991 | 6,138 | 5,275 | 5,122 |
| | | Highest | 1,128,000 | 1,044,000 | 1,008,000 | 985,000 | 1,049,000 | 1,046,000 |
| | Stock price | Lowest | 1,040,000 | 956,000 | 875,000 | 822,000 | 919,000 | 959,000 |
| Preferred | | Average | 1,075,522 | 1,001,050 | 946,842 | 874,476 | 960,850 | 1,018,143 |
| stock | | Highest (day) | 88,913 | 96,322 | 96,922 | 89,068 | 93,546 | 67,540 |
| | Volume | Lowest (day) | 7,019 | 21,972 | 11,188 | 15,137 | 19,263 | 12,605 |
| | | Monthly | 780 | 931 | 775 | 1,017 | 679 | 730 |

Monthly trading volume in 1,000 shares

B. Overseas stock market

☐ Name of stock exchange: London Stock Exchange (common stock)

(Unit: \$, KRW, DR)

| | Туре | | July '14 | August | September | October | November | December |
|--------|-------------|--------------------|----------|---------|-----------|---------|----------|----------|
| | | Highest | 674.00 | 636.50 | 607.00 | 575.00 | 579.50 | 611.00 |
| | | (Converted to KRW) | 690,648 | 657,950 | 616,044 | 606,050 | 633,104 | 672,894 |
| | Stock price | Lowest | 630.50 | 600.00 | 553.00 | 515.50 | 541.00 | 577.00 |
| Common | | (Converted to KRW) | 641,849 | 612,360 | 576,281 | 552,771 | 601,700 | 627,834 |
| stock | | Average | 649.17 | 614.65 | 577.55 | 530.98 | 557.18 | 591.71 |
| | | Highest (day) | 78,983 | 117,894 | 134,943 | 161,340 | 111,237 | 128,518 |
| | Volume | Lowest (day) | 14,277 | 2,122 | 16,902 | 20,239 | 29,845 | 4,706 |
| | | Monthly | 881 | 1,014 | 1,404 | 1,650 | 1,041 | 1,400 |

^{*} Monthly volume in 1,000 Depository Receipt (DR) shares.

☐ Name of stock exchange: Luxembourg Stock Exchange (Preferred stock)

(Unit: USD, KRW, 1,000 Shares)

| | Туре | | July '14 | August | September | October | November | December |
|-----------|-------------|--------------------|----------|---------|-----------|---------|----------|----------|
| | | Highest | 548.50 | 501.00 | 497.50 | 457.20 | 468.00 | 472.00 |
| | | (Converted to KRW) | 562,048 | 517,884 | 504,913 | 481,889 | 515,315 | 519,814 |
| | Stock price | Lowest | 511.50 | 475.20 | 424.50 | 378.70 | 417.00 | 437.30 |
| Preferred | | (Converted to KRW) | 517,740 | 484,989 | 442,371 | 406,080 | 457,658 | 475,826 |
| stock | | Average | 525.54 | 487.95 | 459.41 | 409.54 | 436.82 | 459.32 |
| | | Highest (day) | 33,490 | 104,610 | 14,596 | 47,310 | 42,035 | 33,245 |
| | Volume | Lowest (day) | 529 | 490 | 279 | 2,043 | 2,188 | 245 |
| | | Monthly | 134 | 561 | 104 | 259 | 258 | 229 |

^{*} Monthly volume in 1,000 DR shares.

Stock price converted to KRW is based on KRW/USD exchange rate of closing price of trading day. Ratio: Common one (1) share equals DR two (2) shares

^{**} Stock price converted to KRW is based on KRW/USD exchange rate of closing price of trading day. Ratio: Common one (1) share equals DR two (2) shares

VIII. Executives and Employees

1. Executives and Employees

A. Registered Executives

[As of December 31, 2014] (Unit: # of shares)

| | | Date of | | Registered | Full/ | | Major | Number o | | Length of | Torm expiration |
|-----------------------|--------|---------|-------------------------|----------------------|---------------|---|---|----------|-----------|-----------|-----------------|
| Name | Gender | birth | Position | executive | part- time | Responsibility | career | Common | Preferred | Service | Term expiration |
| Oh- Hyun Kwon | M | 1952.10 | CEO | Registered executive | Full time | Chairman of BOD Head of DS Division | Head of DS Division | 3,000 | 0 | 34 mo. | 2015.03.15 |
| Boo- Keun Yoon | M | 1953.02 | CEO | Registered executive | Full time | Head of CE Division | Head of CE Division | 0 | 0 | 22 mo. | 2016.03.14 |
| Jong- Kyun Shin | М | 1956.01 | CEO | Registered executive | Full time | Head of IM Division | Head of IM Division | 0 | 0 | 22 mo. | 2016.03.14 |
| Sang- Hoon Lee | М | 1955.06 | CFO | Registered executive | Full time | CFO, Head of Corporate Management Office | Head of Corporate Management Office | 1,473 | 0 | 22 mo. | 2016.03.14 |
| In-Ho Lee | М | 1943.11 | Independent Director | Registered executive | Part time | Overall management of the Company | President & CEO of Shinhan Bank | 0 | 0 | 58 mo. | 2016.03.14 |
| Han- Joong Kim | M | 1948.11 | Independent Director | Registered executive | Part time | Overall management of the Company | President of Yonsei University | 0 | 0 | 34 mo. | 2015.03.15 |
| Kwang- Soo Song | M | 1950.01 | Independent Director | Registered executive | Part time | Overall management of the Company | Advisor at Kim & Chang Law Office | 0 | 0 | 22 mo. | 2016.03.14 |
| Byeong- Gi Lee | М | 1951.05 | Independent Director | Registered executive | Part time | Overall management of the Company | Professor of Electrical Engineering at Seoul National University | 0 | 0 | 34mo. | 2015.03.15 |
| Eun- Mee Kim | F | 1958.09 | Independent Director | Registered executive | Part time | Overall management of the Company | Dean of Graduate School of International Studies at Ewha Womans University | 0 | 0 | 22 mo. | 2016.03.14 |

^{**} At the AGM held on March 13, 2015, executive director Oh-Hyun Kwon and independent directors Han-Joong Kim and Byeong-Gi Lee were reappointed.

B. Concurrent position with other companies

| Concurrent of | office holder | Com | pany |
|----------------|----------------------|-----------------|----------------------|
| Name | Position | Name of company | Position |
| Kwang-Soo Song | Independent director | Doosan Corp. | Independent director |

C. Employees

[As of December 31, 2014] (Unit: KRW million)

| | | No. of employees | | | | Average length | Total | Average |
|--------------|--------|------------------|--------------------|--------|--------|-----------------------|--------------|---------------------------|
| Division | Gender | Regular | Contract- based | Others | Total | of service (years) | Compensation | Compensation per employee |
| CE | М | 17,242 | 526 | - | 17,768 | 11.0 | - | - |
| CE | F | 3,346 | 397 | - | 3,743 | 6.3 | - | - |
| IM | М | 19,098 | 386 | - | 19,484 | 9.7 | - | - |
| IM | F | 7,660 | 245 | - | 7,905 | 7.1 | - | - |
| DS | М | 29,238 | 273 | - | 29,511 | 9.7 | - | - |
| DS | F | 13,011 | 347 | - | 13,358 | 8.8 | - | |
| Others | М | 5,561 | 314 | - | 5,875 | 12.8 | - | |
| Others | F | 1,354 | 384 | - | 1,738 | 7.1 | - | - |
| Gender Total | М | 71,139 | 1,499 | - | 72,638 | 10.3 | 8,084,727 | 112 |
| Gender Total | F | 25,371 | 1,373 | - | 26,744 | 7.8 | 1,957,242 | 74 |
| Total | | 96,510 | 2,872 | - | 99,382 | 9.6 | 10,041,969 | 102 |

^{*} Total compensation and average compensation per employee were calculated before income tax and other deductions based on the earned income payment record submitted to the district tax office in accordance with Article 20 of the Income Tax Law.

X The number of employees represent domestic employees resident in Korea, excluding four executive directors.

X Average compensation per employee was calculated based on total average employee figure of 98,594 (male: 72,188; female: 26,406)

2. Remuneration for Directors

A. Summary on Total Remuneration

(1) Remuneration approved at the annual general meetings of shareholders

(Unit: KRW million)

| | Number of Persons | Amount Approved at Shareholders' Meeting | Note |
|-----------------------------------|-------------------|---|------|
| Executive Directors | 4 | - | - |
| Independent Directors | 2 | - | - |
| Audit Committee member or Auditor | 3 | - | - |
| Total | 9 | 48,000 | - |

^{*} Number of persons as of the Reporting Date.

(2) Remuneration Paid

(Unit: KRW million)

| | Number of Persons | Total amount of remuneration | Average remuneration per Director | Note |
|-----------------------------------|----------------------|------------------------------|-----------------------------------|------|
| Executive Directors | 4 | 33,320 | 8,330 | - |
| Independent Directors | 2 | 168 | 84 | - |
| Audit Committee member or Auditor | 3 | 270 | 90 | - |
| Total | 9 | 33,758 | - | - |

- * Number of persons is as of the reporting date.
- ** The total amount is the income based on the Income Tax Law that incumbent or retired executive directors, independent directors, and members of audit committee in the fiscal year received as a Registered Director in accordance with Article 159 of the Financial Investment Services and Capital Markets Act and Article 168 of the enforcement decree of the same law.
- * Average remuneration per Director was calculated by dividing total remuneration by annual average number of persons.
- * There is no recognized expenses (compensation expenses) in this term from granting stock options.

^{**} The amount approved at shareholders' meeting is the remuneration limit for directors registered pursuant to Article 388 of the Korean Commercial Act ("Registered Directors"). It includes compensation for Registered Directors who retired this fiscal year and in past years.

B. Summary on Remuneration by Executive

(Unit: KRW million)

| Name | position | Total amount of remuneration | Remuneration not included in total amount |
|----------------|----------|------------------------------|---|
| Oh-Hyun Kwon | CEO | 9,388 | - |
| Boo-Keun Yoon | CEO | 5,496 | - |
| Jong-Kyun Shin | CEO | 14,572 | - |
| Sang-Hoon Lee | CFO | 3,864 | - |

^{**} Total amount of compensation for each individual is the sum of earned, retirement, and other related income based on the Income Tax Law that incumbent or retired executive directors, independent directors, and members of audit committee in the fiscal year received as a Registered Director in accordance with Article 159 of the Financial Investment Services and Capital Markets Act and Article 168 of the enforcement decree of the same law.

(2) Criteria and methodology

| | Criteria and methodology |
|---------------------|--|
| CEO Oh-Hyun Kwon | Total compensation of KRW 9,388 million Earned Income Salary: KRW 2,083 million (consists of monthly wage) Bonus: KRW 6,550 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 755 million Retirement Income: n/a Other Income: n/a Other Income: n/a Other Income: n/a Target According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage CEO decides the amount according to the level of target achieved Performance Incentive: When performance exceeds the Company's goal;, CEO decides the amount based on 20% of profit. Paid once a year within 0~50% of salary. (Adjusted according to individual performance) Long-term incentive: Calculated within the director remuneration limit, based on the average salary of 3 years, using ROE, stock performance, and EBIT margin as criteria. Paid over the course of 3 years. Bonus awarded based on his contributions and consideration for his performance as he led the employees and the company in a challenging business environment; he contributed to Samsung Electronics by achieving KRW 206 trillion of revenue and KRW 25 trillion of operating profit and maintaining the Company's position as the No.1 IT Company as well as the best earnings and technological leadership in the semiconductor industry. Other earned income: According to internal regulation for executive treatment (Board resolution) Consists of a special bonus (one-off) and fringe benefits |

| | T |
|-----------------------|---|
| | Total compensation of KRW 5,496 million |
| | - Earned Income |
| | Salary: KRW 1,728 million (consists of monthly wage) |
| | Bonus: KRW 3,114 million (consists of traditional holiday bonus, Target Achievement Defense and the section of the s |
| | Incentive, Performance Incentive, Long-term Incentive) |
| | Profit from exercising stock option : n/a Other part of the company of CDM 0573 moliticals. |
| | Other earned income: KRW 653 million |
| | Retirement Income: n/a |
| | - Other Income: n/a |
| | Compensation criteria and calculation method |
| | Salary: According to internal regulation for executive treatment (Board resolution) |
| | Bonus: According to internal regulation for executive treatment (Board resolution) |
| CEO | Traditional holiday bonus: 100% of monthly wage |
| Boo-Keun Yoon | Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly |
| Boo Roun Toon | Wage |
| | * CEO decides the amount according to the level of target achieved • Performance Incentive: When performance exceeds the Company's goal, CEO decides the |
| | amount based on 20% of profit. Paid once a year within 0~50% of |
| | salary. (Adjusted according to individual performance) |
| | Long-term incentive: Calculated within the director remuneration limit, based on the average |
| | salary of 3 years, using ROE, stock performance, and EBIT margin |
| | as criteria. Paid over the course of 3 years. |
| | Bonus awarded based on his contributions and consideration for his performance as he led the employees |
| | and the Company in a challenging business environment; he contributed to Samsung Electronics by |
| | achieving KRW 206 trillion of revenue and KRW 25 trillion of operating profit and by improving products of |
| | the CE Division as well as maintaining the Company's global leadership of TV products. |
| | Other earned income: According to internal regulation for executive treatment (Board resolution) |
| | Consists of a special bonus (one-off) and fringe benefits |
| | - · · · · · · · · · · · · · · · · · · · |
| | Total compensation of KRW 14,572 million |
| | Earned Income |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) |
| CEO | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage |
| CEO Jong-Kyun Shin | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage * CEO decides the amount according to the level of target achieved Performance Incentive: When performance exceeds the Company's goal, CEO decides the amount based on 20% of profit. Paid once a year within 0~50% of |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage *CEO decides the amount according to the level of target achieved Performance Incentive: When performance exceeds the Company's goal, CEO decides the amount based on 20% of profit. Paid once a year within 0~50% of salary. (Adjusted according to individual performance) Long-term incentive: Calculated within the director remuneration limit, based on the average salary of 3 years, using ROE, stock performance, and EBIT margin as criteria. Paid over the course of 3 years. Bonus awarded based on his contributions and consideration for his performance as he led the employees and the Company in a challenging business environment; he contributed to Samsung Electronics by achieving KRW 206 trillion of revenue and KRW 25 trillion of operating profit and by maintaining the Company's lead in smartphones as well as by developing innovative products. |
| | Earned Income Salary: KRW 1,728 million (consists of monthly wage) Bonus: KRW 3,732 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 9,113 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly wage |

Total compensation of KRW 3,864 million Earned Income Salary: KRW 1,123 million (consists of monthly wage) Bonus: KRW 2,297 million (consists of traditional holiday bonus, Target Achievement Incentive, Performance Incentive, Long-term Incentive) Profit from exercising stock option: n/a Other earned income: KRW 444 million Retirement Income: n/a Other Income: n/a Compensation criteria and calculation method Salary: According to internal regulation for executive treatment (Board resolution) Bonus: According to internal regulation for executive treatment (Board resolution) Traditional holiday bonus: 100% of monthly wage **CFO** Target Achievement Incentive: Paid biannual basis within the range of 0~200% of monthly Sang-Hoon Lee * CEO decides the amount according to the level of target achieved Performance Incentive: When performance exceeds the Company's goal, CEO decides the amount based on 20% of profit. Paid once a year within 0~50% of salary. (Adjusted according to individual performance) Long-term incentive: Calculated within the director remuneration limit, based on the average salary of 3 years, using ROE, stock performance, and EBIT margin as criteria. Paid over the course of 3 years. Bonus awarded based on his contributions and consideration for his performance as he led the employees and the Company in a challenging business environment; he contributed to Samsung Electronics by achieving KRW 206 trillion of revenue and KRW 25 trillion of operating profit and pursued efficient management of resources, corporate, and human resources as the head of the Corporate Management Office. Other earned income: According to internal regulation for executive treatment (Board resolution)

Consists of a special bonus (one-off) and fringe benefits

B. Stock Options Granted and Exercised

(1) Status of Stock Options Granted to Registered Directors

There have been no stock options granted to, or exercised by, the executive BOD or Audit Committee members during the reporting period.

(2) Status of Stock Options Granted to Non-Registered Executives

As of December 31, 2014, the accumulated weighted average exercise price of unexercised stock options is KRW 606,700. [Weighted average exercise price = Sum of (no. of unexercised stocks per period x exercise price per period) / total no. of unexercised stocks]

[As of December 31, 2014]

(Unit: KRW, shares)

| Grantee | Relationship | Date | Method | Type of | | Changes | | Unexercised | Exercise | Exercise |
|--------------------|------------------------|--------------|-------------------|---------|-------|----------|--------|--------------|-----------------------|----------|
| Grantee | Relationship | Date | Wictiou | stock | Grant | Exercise | Cancel | Ullekelelseu | period | price |
| Kyung-Hoon Kang | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 4,000 | 3,924 | 76 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Myung-Soo Kim | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Seok-ki Kim | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Seok-Pil Kim | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Haeng-II Kim | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Hyuk-Cheol Kim | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Byung-Dae Park | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Seung-Kun Park | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Sang-Jo Ban | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Jae-Hyun Seong | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Hak-Kyung Sung | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Byung-Se So | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Seong-Won Song | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Soon-Seon Sim | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Young-Hoon Um | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Wong-Tong | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Moon-Kyun Woo | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Ki-Ok Lee | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Ki-Woong Lee | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |

| Grantee | Relationship | Date | Method | Type of | | Changes | | Unexercised | Exercise | Exercise |
|-------------------------------------|------------------------|--------------|-------------------|---------|---------|----------|--------|--------------|-------------------------|----------|
| Grantee | Relationship | Date | Metriou | stock | Grant | Exercise | Cancel | Ullexelciseu | period | price |
| Sang-Cheol Lee | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Jae-Hyung Lee | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Chung-Ki Jang | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 30,000 | 29,426 | 574 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Joon-Young Jeon | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Keum-Yong Jeong | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 4,000 | 3,924 | 76 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Woo-In Jeong | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Eun-Seung Jeong | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Seung-Hwan Cho | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| In-Soo Cho | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Jae-Moon Cho | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Seung-Cheol Choi | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Young-Jun Choi | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 4,000 | 3,924 | 76 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| In-Kwon Choi | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Jeong-Hyuk Choi | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Myung-Seob Han | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 5,000 | 4,905 | 95 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Deuk-Kyu Hwang | Unregistered executive | Apr 16, 2004 | Treasury share | Common | 3,500 | 3,434 | 66 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Kyung-Do Kim and other 83 | - | Apr 16, 2004 | Treasury share | Common | 409,500 | 359,867 | 49,633 | 0 | '06.4.17~ '14.4.16 | 580,300 |
| Sub-total | - | - | - | - | 590,000 | 536,939 | 53,061 | 0 | - | - |
| Young-Soo Kwak and other 1 | - | Dec 20, 2005 | Treasury share | Common | 10,000 | 5,000 | 0 | 5,000 | '07.12.21~ '15.12.20 | 606,700 |
| Total | - | - | - | - | 600,000 | 541,939 | 53,061 | 5,000 | - | - |

^{*} The change in number of shares granted reflects the cancellation of share grants according to Company's internal revocation policy and decline of earnings in 2004.

^{*} As of December 31, 2014, the closing price was KRW 1,327,000. 'Relationship' is as of the reporting date (December 31, 2014).

IX. Affiliates and Subsidiaries

1. Affiliates & Subsidiaries

A. Affiliates

- Name of affiliated group: Samsung Group (as defined under Korea's Monopoly Regulation and Fair Trade Act)

As at December 31, 2014, Samsung Group had a total of sixty-nine (69) domestic affiliates, where five (5) new affiliates (Samsung Welstory, Seoul Lakeside CC, Samsung Card Customer Service, Shilla Stay, and Samoo Architects & Engineers) were included and eleven (11) affiliates (Samsung Corning Precision Materials, Samsung SNS, Global Tech, 365Homecare, Samsung Petrochemical, Cheil Industries, World Cyber Games, SMP, SKKU dormitory, Care Camp, Gacchinet) were excluded. Among the Samsung Group's sixty nine (69) domestic affiliates, eighteen (18) affiliates including Samsung Electronics are listed, and fifty-one (51) affiliates are unlisted.

[As of December 31, 2014]

| | No. of affiliates | Name of affiliates |
|----------|----------------------|---|
| Listed | 18 | Samsung C&T, Samsung Electronics, Samsung SDI, Samsung Techwin, SEMCO, Samsung Heavy Industries, Samsung Card, Samsung Life Insurance, Hotel Shilla, Samsung Fire & Marine Insurance, Samsung Securities, Samsung Fine Chemicals, Samsung Engineering, S1, Cheil Worldwide, Cheil Industries, Samsung SDS, CREDU |
| Unlisted | 51 | Samsung General Chemicals, Samsung Total Petrochemicals, Samsung Lions, SERI, STECO, Samsung Thales, SEMES, Samsung Electronics Sales, Samsung Electronics Service, Samsung Electronics Logitech, Hantok Chemicals, CVnet Corporation, Allat., SECUI, Open Tide Korea, Samsung Futures, Samsung Venture Investment Corporation, Samsung Asset Management, Saengbo, SD Flex, Samsung Claim Adjustment Service, Samsung Fire & Marine Insurance Service, Suwon Samsung Bluewings FC, S-Core, Human TSS, RAY, Songdo Land Mark City, S-1CRM, OpenHands, S-EnPol, Samsung Medison, Samsung Biologics, STM, Nuri Solution, Colombo Korea, Samsung Life Service, Miracom, SU Materials, Natural9, Samsung Display, Samsung Bioepis, Samsung Corning Advanced Glass, Daejung Offshore Wind Power Co., Ltd., Samsung SRA Asset Management, Samsung Welstory, Jeongahm Wind Power, Samsung SGL Carbon Composite Materials, Samsung Card Customer Service, Seoul Lakeside CC, Shilla Stay, Samoo Architects & Engineers |
| Total | 69 | |

^{**} The former Cheil Industries merged with Samsung SDI in July 2014, and Samsung Everland has been renamed as Cheil Industries.

B. Ownership Status of Affiliates and Subsidiaries

1) Domestic

| Investee Investor | Samsung C&T Corp | Samsung Electronics | Samsung SDI | Samsung Electro- Mechanics | Samsung Heavy Industries | Samsung Techwin | Hotel Shilla | Samsung Engineering | Cheil Worldwide | Samsung Fine Chemicals | S1 Corpo ration | Samsung SDS | Cheil Industries |
|------------------------------------|---------------------|------------------------|----------------|----------------------------------|--------------------------------|--------------------|--------------|------------------------|--------------------|------------------------------|-----------------------|----------------|---------------------|
| Samsung C&T Corporation | | 4.1 | | | | 4.3 | | 7.8 | 12.6 | 5.6 | | 17.1 | 1.4 |
| Samsung Electronics | | | 19.6 | 23.7 | 17.6 | 25.5 | 5.1 | | 12.6 | 8.4 | | 22.6 | |
| Samsung SDI | 7.4 | | | | 0.4 | 0.1 | 0.1 | 13.1 | | 14.7 | 11.0 | | 3.7 |
| Samsung Electro- mechanics | | | | | 2.4 | | | | | 0.3 | | | 3.7 |
| Cheil Industries | | | | | 0.1 | | | | | | | | |
| Samsung Heavy Industries | | | | | | | | | | | | | |
| Samsung Techwin | | | | | 0.1 | | | | | | | | |
| Cheil Worldwide | | | | | 0.1 | | | | | | | | |
| Samsung Fine Chemicals | | | | | | | | | | | | | |
| Samsung General Chemicals | | | | | | | | | | | | | |
| Hotel Shilla | | | | | | | | | | 2.2 | | | |
| S1 Corporation | | | | | | | | | | | | | |
| SERI | | | | | | | | | | | | | |
| Samsung SDS | | | | | | | | | | | | | |
| Samsung Life Insurance | 0.5 | 7.5 | 0.1 | 0.1 | 3.4 | 0.6 | 7.9 | 0.0 | 0.1 | 0.0 | 5.6 | | |
| Samsung Fire & Marine Insurance | 4.8 | 1.3 | | | | | | 1.1 | | | 1.0 | | |
| Samsung Securities. | | | | | | 2.0 | 3.1 | | | | 1.3 | | |
| Samsung Card | | | | | | | 1.3 | | 3.0 | | 1.9 | | |
| SDC | | | | | | | | | | | | | |
| Samsung BioLogics | | | | | | | | | | | | | |
| SVIC #6 | | | | | | | | | | | | | |
| Total | 12.7 | 12.9 | 19.7 | 23.8 | 24.2 | 32.4 | 17.5 | 22.0 | 28.4 | 31.2 | 20.8 | 39.7 | 8.8 |

 $[\]divideontimes$ (% of Ownership; As of December 31, 2014; Based on Common shares)

| Investee Investor | Samsung General Chemicals | Samsung Total Petrochemi cals | Hantok Chemicals | Samsung Lions | SERI | STECO | SEMES | Samsung Electronics Service | Samsung Electronics Sales | Suwon Samsung Bluewings FC | Samsung Electronics Logitech | Samsung Display | Ray |
|----------------------------------|---------------------------------|--|---------------------|------------------|-------|-------|-------|-----------------------------------|---------------------------------|-------------------------------------|------------------------------------|--------------------|------|
| Samsung C&T Corporation | 37.3 | | | 7.5 | 1.0 | | | | | | | | |
| Samsung Electronics | 5.3 | | | 27.5 | 29.8 | 51.0 | 91.5 | 99.3 | 100.0 | | 100.0 | 84.8 | |
| Samsung SDI | 13.1 | | | 15.0 | 29.6 | | | | | | | 15.2 | |
| Samsung Electro- mechanics | 9.0 | | | 12.5 | 23.8 | | | | | | | | |
| Cheil Industries | | | | 2.0 | | | | | | | | | |
| Samsung Heavy Industries | | | | | 1.0 | | | | | | | | |
| Samsung Techwin | 22.7 | | | | | | | | | | | | |
| Cheil Worldwide | 0.3 | | | 3.0 | | | | | | 100.0 | | | |
| Samsung Fine Chemicals | 3.1 | | 50.0 | | | | | | | | | | |
| Samsung General Chemicals | | 50.0 | | | | | | | | | | | |
| Hotel Shilla . | | | | | | | | | | | | | |
| S1 Corporation | | | | | | | | | | | | | |
| SERI | | | | | | | | | | | | | |
| Samsung SDS | | | | | | | | | | | | | |
| Samsung Life Insurance | | | | | 14.8 | | | | | | | | |
| Samsung Fire & Marine Insurance. | | | | | | | | | | | | | |
| Samsung Securities | | | | | | | | | | | | | |
| Samsung Card | | | | | | | | | | | | | |
| SDC | | | | | | | | | | | | | |
| Samsung BioLogics | | | | | | | | | | | | | |
| SVIC #6 | | | | | | | | | | | | | 64.6 |
| Total | 90.8 | 50.0 | 50.0 | 67.5 | 100.0 | 51.0 | 91.5 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 64.6 |

 ^{(%} of Ownership; As of December 31, 2014; Based on Common shares)

| Investee Investor | Samsung Medison | Samsung BioLogics | Samsung BioEpis | Samsung Corning Advanced Glass | SU Materials | Samsung Thales | CVnet | Songdo Landmark City | Seoul Lakeside CC | Samwoo Architects & Engineers | SD Flex | Colombo Korea | Natural9 |
|----------------------------------|--------------------|----------------------|--------------------|---|-----------------|-------------------|-------|----------------------------|-------------------------|-------------------------------------|---------|------------------|----------|
| Samsung C&T Corporation | | 5.7 | | | | | 40.1 | 41.4 | 80.0 | 100.0 | | | |
| Samsung Electronics | 68.5 | 45.7 | | | | | | | | | | | |
| Samsung SDI | | | | | | | | | | | 50.0 | | |
| Samsung Electro- mechanics | | | | | | | | | | | | | |
| Cheil Industries | | 45.7 | | | | | | | 20.0 | | | 100.0 | 51.0 |
| Samsung Heavy Industries | | | | | | | | | | | | | |
| Samsung Techwin | | | | | | 50.0 | | | | | | | |
| Cheil Worldwide | | | | | | | | | | | | | |
| Samsung Fine Chemicals | | | | | | | | | | | | | |
| Samsung General Chemicals | | | | | | | | | | | | | |
| Hotel Shilla | | | | | | | | | | | | | |
| S1 Corporation | | | | | | | | | | | | | |
| SERI | | | | | | | | | | | | | |
| Samsung SDS | | | | | | | 9.4 | | | | | | |
| Samsung Life Insurance | | | | | | | | | | | | | |
| Samsung Fire & Marine Insurance. | | | | | | | | | | | | | |
| Samsung Securities | | | | | | | | | | | | | |
| Samsung Card | | | | | | | | | | | | | |
| SDC | | | | 50.0 | 50.0 | | | | | | | | |
| Samsung BioLogics | | | 90.3 | | | | | | | | | | |
| SVIC #6 | | | | | | | | | | | | | |
| Total | 68.5 | 97.1 | 90.3 | 50.0 | 50.0 | 50.0 | 49.5 | 41.4 | 100.0 | 100.0 | 50.0 | 100.0 | 51.0 |

^{% (%} of Ownership; As of December 31, 2014; Based on Common shares)

| Investee | Samsung Welstory | Daejung Offshore Wind Power | Jeongahm Wind Power | SECUI | Human TSS | S-1CRM | S-EnPol | STM | CREDU | Open Tide Korea | S-Core | OpenHands |
|----------------------------------|---------------------|--------------------------------------|---------------------------|-------|--------------|--------|---------|------|-------|-----------------------|--------|-----------|
| Samsung C&T Corporation | | | | | | | | | | | | |
| Samsung Electronics | | | | | | | | | | | | |
| Samsung SDI | | | | | | | | 13.8 | | | | |
| Samsung Electro- mechanics | | | | | | | | | | | | |
| Cheil Industries | 100.0 | | | 8.7 | | | | | | | | |
| Samsung Heavy Industries | | 50.1 | 50.0 | | | | | | | | | |
| Samsung Techwin | | | | | | | | | | | | |
| Cheil Worldwide | | | | | | | | | | 9.8 | | |
| Samsung Fine Chemicals | | | | | | | 100.0 | 58.0 | | | | |
| Samsung General Chemicals | | | | | | | | | | | | |
| Hotel Shilla | | | | | | | | | | | | |
| S1 Corporation | | | | 52.2 | 100.0 | 93.4 | | | | 1.1 | | |
| SERI | | | | | | | | | 15.2 | | | |
| Samsung SDS | | | | 4.3 | | | | | 47.2 | 70.2 | 94.8 | 100.0 |
| Samsung Life Insurance | | | | | | | | | 0.0 | | | |
| Samsung Fire & Marine Insurance. | | | | | | | | | | | | |
| Samsung Securities | | | | | | | | | | | | |
| Samsung Card | | | | | | | | | | | | |
| SDC | | | | | | | | | | | | |
| Samsung BioLogics | | | | | | | | | | | | |
| SVIC #6 | | | | | | | | | | | | |
| Total | 100.0 | 50.1 | 50.0 | 65.2 | 100.0 | 93.4 | 100.0 | 71.8 | 62.4 | 81.1 | 94.8 | 100.0 |

^{% (%} of Ownership; As of December 31, 2014; Based on Common shares)

| Investee Investor | Miracom | Nuri Solution | Samsung SGL Carbon Composite Materials | Shilla Stay | Samsung Life Insurance | Saengbo | Samsung Life Service | Samsung SRA Asset Management | Samsung Fire & Marine Insurance | Samsung Claim Adjustment Service | Samsung Fire & Marine Insurance Service |
|----------------------------------|---------|---------------|---|----------------|---------------------------|---------|-------------------------|------------------------------------|---------------------------------------|---|--|
| Samsung C&T Corporation | | | | | | | | | | | |
| Samsung Electronics | | | | | | | | | | | |
| Samsung SDI | | | | | | | | | | | |
| Samsung Electro- mechanics | | | | | | | | | | | |
| Cheil Industries | | | | | 19.3 | | | | | | |
| Samsung Heavy Industries | | | | | | | | | | | |
| Samsung Techwin | | | | | | | | | | | |
| Cheil Worldwide | | | | | | | | | | | |
| Samsung Fine Chemicals | | | | | | | | | | | |
| Samsung General Chemicals | | | 50.0 | | | | | | | | |
| Hotel Shilla | | | | 100.0 | | | | | | | |
| S1 Corporation | | | | | | | | | | | |
| SERI | | | | | | | | | | | |
| Samsung SDS | 100.0 | 100.0 | | | | | | | | | |
| Samsung Life Insurance | | | | | | 50.0 | 99.8 | 100.0 | 15.0 | | |
| Samsung Fire & Marine Insurance. | | | | | | | | | | 99.9 | 100.0 |
| Samsung Securities | | | | | | | | | | | |
| Samsung Card | | | | | | | | | | | |
| SDC | | | | | | | | | | | |
| Samsung BioLogics | | | | | | | | | | | |
| SVIC #6 | | | | | | | | | | | |
| Total | 100.0 | 100.0 | 50.0 | 100.0 | 19.3 | 50.0 | 99.8 | 100.0 | 15.0 | 99.9 | 100.0 |

 ^{(%} of Ownership; As of December 31, 2014; Based on Common shares)

| Investee Investor | Samsung Securities | Samsung Card | Allat | Samsungcard Customer Service | Samsung Asset Management | Samsung Futures | Samsung Venture Investment |
|----------------------------------|--------------------|--------------|-------|---------------------------------|-----------------------------|-----------------|-------------------------------|
| Samsung C&T Corporation | 0.3 | | | | | | |
| Samsung Electronics | | 37.5 | | | | | 16.3 |
| Samsung SDI | | | | | | | 16.3 |
| Samsung Electro- mechanics | | | | | | | 17.0 |
| Cheil Industries | | | 30.0 | | | | |
| Samsung Heavy Industries | | | | | | | 17.0 |
| Samsung Techwin | | | | | | | 16.7 |
| Cheil Worldwide | | | | | | | |
| Samsung Fine Chemicals | | | | | | | |
| Samsung General Chemicals | | | | | | | |
| Hotel Shilla | | | | | | | |
| S1 Corporation | | | | | | | |
| SERI | | | | | | | |
| Samsung SDS | | | | | | | |
| Samsung Life Insurance | 11.1 | 34.4 | | | 97.7 | | |
| Samsung Fire & Marine Insurance. | 8.0 | | | | | | |
| Samsung Securities | | | | | | 99.9 | 16.7 |
| Samsung Card | | | 30.0 | 100.0 | | | |
| SDC | | | | | | | |
| Samsung BioLogics | | | | | | | |
| SVIC #6 | | | | | | | |
| Total | 19.4 | 71.9 | 60.0 | 100.0 | 97.7 | 99.9 | 100.0 |

^{* (%} of Ownership; As of December 31, 2014; Based on Common shares)

2) Overseas

| Investor | Investee | Ownership |
|--|--|-----------|
| Samsung C&T Corporation | MYODO METAL CO., LTD. | 100.0 |
| Samsung C&T Corporation | Samsung C&T Japan Corporation | 100.0 |
| Samsung C&T Corporation | Samsung C&T America Inc. | 100.0 |
| Samsung C&T Corporation | Samsung Finance Corporation. | 80.0 |
| Samsung C&T Corporation | Samsung E&C America, INC. | 100.0 |
| Samsung C&T Corporation | SAMSUNG OIL & GAS USA CORP | 90.0 |
| Samsung C&T Corporation | Samsung Renewable Energy Inc. | 100.0 |
| Samsung C&T Corporation | SCNT Power Norte S. De R.L. de C.V. | 100.0 |
| Samsung C&T Corporation | QSSC, S.A. de C.V. | 60.0 |
| Samsung C&T Corporation | Samsung C&T Oil & Gas Parallel Corp. | 100.0 |
| Samsung C&T Corporation | Samsung C&T Automation Inc. | 70.0 |
| Samsung C&T Corporation | Samsung C&T Canada Ltd. | 100.0 |
| Samsung C&T Corporation | Samsung C&T Deutchland GmbH | 100.0 |
| Samsung C&T Corporation | Samsung C&T U.K. Ltd. | 100.0 |
| Samsung C&T Corporation | Xiod Distribution | 25.0 |
| Samsung C&T Corporation | Samsung C&T France S.A.S | 100.0 |
| Samsung C&T Corporation | Samsung C&T ECUK Limited | 100.0 |
| Samsung C&T Corporation | Whessoe Project Limited | 100.0 |
| Samsung C&T Corporation | SCNT Investment Atlantic SPRL | 100.0 |
| Samsung C&T Corporation | POSS-SLPC. s.r.o | 50.0 |
| Samsung C&T Corporation | Solluce Romania 1 B.V. | 80.0 |
| Samsung C&T Corporation | SAM investment Manzanilo.B.V | 53.3 |
| Samsung C&T Corporation | Solluce Slovenia 1 B.V. | 80.0 |
| Samsung C&T Corporation | Ecosolar OOD | 100.0 |
| Samsung C&T Corporation | 11111111111111 | 100.0 |
| | Ecoenergy Solar OOD | 100.0 |
| Samsung C&T Corporation Samsung C&T Corporation | Agirlplam EOOD Fishtrade EOOD | 100.0 |
| Samsung C&T Corporation | | 100.0 |
| Samsung C&T Corporation | Manageprojekt EOOD Solar Park EOOD | 100.0 |
| · | | 100.0 |
| Samsung C&T Corporation Samsung C&T Corporation | Veselinovo Energy OOD | |
| Samsung C&T Corporation Samsung C&T Corporation | Samsung C&T Construction Hungary Kft. | 100.0 |
| | Samsung C&T (KL) Sdn.,Bhd. | 100.0 |
| Samsung C&T Corporation | Samsung C&T Malaysia SDN. BHD | 100.0 |
| Samsung C&T Corporation | Erdsam Co., Ltd. | 100.0 |
| Samsung C&T Corporation | Samsung Chemtech | 51.7 |
| Samsung C&T Corporation | S-print Inc | 40.0 |
| Samsung C&T Corporation | Cassava Investment Korea Pte. Ltd. | 29.7 |
| Samsung C&T Corporation | P.T. Samsung Development | 100.0 |
| Samsung C&T Corporation | Samsung Development (Thailand) Co., Ltd. | 33.0 |
| Samsung C&T Corporation | Samsung C&T Thailand Co., Ltd | 44.0 |
| Samsung C&T Corporation | Cheil Holding Inc. | 40.0 |
| Samsung C&T Corporation | Samsung Const. Co. Phils.,Inc. | 25.0 |
| Samsung C&T Corporation | Samsung Design Philippines Inc | 100.0 |
| Samsung C&T Corporation | Samsung Oil & Gas(Timor Sea 06-102) Ltd. | 100.0 |
| Samsung C&T Corporation | Samsugn Oil & Gas Australia PTY. LTD | 100.0 |
| Samsung C&T Corporation | PT. INSAM BATUBARA ENERGY | 90.0 |
| Samsung C&T Corporation | Samsung C&T India Pte., Ltd. | 100.0 |
| Samsung C&T Corporation | Samsung C&T Corporation India Private Ltd. | 100.0 |
| Samsung C&T Corporation | Malaysia Samsung Steel Center Sdn.Bhd | 70.0 |
| Samsung C&T Corporation | Samsung C&T Singapore Pte., Ltd. | 100.0 |
| Samsung C&T Corporation | S&G Biofuel PTE.LTD | 50.5 |
| Samsung C&T Corporation | SAMSUNG C&T Mongolia LLC. | 70.0 |

| Investor | Investee | Ownership |
|---|--|-----------|
| Samsung C&T Corporation | Samsung C&T Eng.&Const. Mogolia LLC. | 100.0 |
| Samsung C&T Corporation | Samsung C&T Hongkong Ltd. | 100.0 |
| Samsung C&T Corporation | GUANGDONG XINGPU STEEL CENTER CO.,LTD | 51.6 |
| Samsung C&T Corporation | Samsung C&T Taiwan Co., Ltd. | 100.0 |
| Samsung C&T Corporation | Samsung Precision Stainless Steel(pinghu) Co.,Ltd. | 55.0 |
| Samsung C&T Corporation | Samsung C&T (Shanghai) Co., Ltd. | 100.0 |
| Samsung C&T Corporation | Samsung Nigeria Co., Ltd. | 99.9 |
| Samsung C&T Corporation | LOBINAVE - Estaleiro Naval do Lobito, Limitada | 40.0 |
| Samsung C&T Corporation | SAMSUNG C&T CORPORATION SAUDI ARABIA | 100.0 |
| Samsung C&T Corporation | Samsung C&T Chile Copper SpA | 100.0 |
| Samsung C&T Corporation | SCNT Power Kelar Inversones Limitada | 99.0 |
| Samsung C&T Corporation | Samsung C&T do BRASIL CONSTRUCTORA LTDA. | 100.0 |
| Samsung C&T Corporation | Samsung C&T Corporation Rus LLC | 100.0 |
| Samsung C&T Corporation | KSILLP | 25.0 |
| Samsung C&T Corporation | JSC BALKHASH THERMAL POWER PLANT | 57.5 |
| Samsung C&T Corporation | Samsung SDI America, Inc. | 8.3 |
| Samsung C&T Corporation | Samsung SDI (Malaysia) SDN. BHD. | 6.4 |
| Samsung C&T Corporation | Samsung SDI (Hong Kong) Ltd. | 2.4 |
| Samsung C&T Corporation | Samsung SDI Brasil Ltda. | 0.0 |
| Samsung C&T Corporation | Beijing Samsung Real Estate Co., Ltd | 10.0 |
| Samsung C&T America Inc. | Meadowland Distribution | 100.0 |
| Samsung C&T America Inc. | SAMSUNG OIL & GAS USA CORP | 10.0 |
| Samsung C&T America Inc. | Samsung Green repower, LLC | 100.0 |
| Samsung C&T America Inc. | Samsung Solar Construction Inc. | 100.0 |
| Samsung C&T America Inc. | QSSC, S.A. de C.V. | 20.0 |
| Samsung C&T America Inc. | Samsung C&T Automation Inc. | 30.0 |
| Samsung C&T America Inc. | S-print Inc | 24.0 |
| Samsung E&C America, INC | Samsung E&C RADIUS, INC. | 100.0 |
| Samsung Renewable Energy Inc. | SRE GRW EPC GP Inc. | 100.0 |
| Samsung Renewable Energy Inc. | SRE GRW EPC LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE SKW EPC GP Inc. | 100.0 |
| Samsung Renewable Energy Inc. | SRE SKW EPC LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE GRW LP Holdings LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE SKW LP Holdings LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE WIND PA GP INC. | 100.0 |
| Samsung Renewable Energy Inc. | SRE WIND PA LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE GRS Holdings GP Inc. | 100.0 |
| Samsung Renewable Energy Inc. | SRE GRS Holdings LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE K2 EPC GP Inc. | 100.0 |
| Samsung Renewable Energy Inc. | SRE K2 EPC LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE K2 LP HOLDINGS LP | 100.0 |
| Samsung Renewable Energy Inc. Samsung Renewable Energy Inc. | SRE KS HOLDINGS GP INC. | 100.0 |
| | SRE KS HOLDINGS LP | 100.0 |
| Samsung Renewable Energy Inc. | | 1 |
| Samsung Renewable Energy Inc. | SOUTHGATE SOLAR GP INC. SOUTHGATE SOLAR LP | 100.0 |
| Samsung Renewable Energy Inc. | | 1 |
| Samsung Renewable Energy Inc. | WINDSOR SOLAR GP INC. | 100.0 |
| Samsung Renewable Energy Inc. | WINDSOR SOLAR LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE Belle River LP Holdings LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE Armow EPC GP Inc. | 100.0 |
| Samsung Renewable Energy Inc. | SRE Armow EPC LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE Armow LP Holdings LP | 100.0 |
| Samsung Renewable Energy Inc. | SRE Wind GP Holding Inc. | 100.0 |
| Samsung Renewable Energy Inc. | SP Ontario Wind Development LP Inc. | 50.0 |
| Samsung Renewable Energy Inc. | SP Southgate Wind LP | 50.0 |

| Investor | Investee | Ownership |
|---|--|-----------|
| Samsung Renewable Energy Inc. | SRE Dover LP Holding LP | 100.0 |
| Samsung Green repower, LLC | SOLAR PROJECTS SOLUTIONS,LLC | 66.0 |
| Kingston Solar GP Inc. | Kingston Solar LP Inc. | 0.0 |
| K2 Wind Ontario Inc. | K2 Wind Ontario LP | 0.0 |
| SP Armow Wind Ontario GP Inc | SP Armow Wind Ontario LP | 0.0 |
| Samsung C&T Oil & Gas Parallel | PLL Holdings LLC | 83.6 |
| Samsung C&T Oil & Gas Parallel | PLL E&P LLC | 90.0 |
| SRE GRW EPC GP Inc. | SRE GRW EPC LP | 0.0 |
| SRE SKW EPC GP Inc. | SRE SKW EPC LP | 0.0 |
| PLL Holdings LLC | Parallel Petroleum LLC | 61.0 |
| SRE GRW LP Holdings LP | Grand Renewable Wind LP Inc. | 44.5 |
| SRE SKW LP Holdings LP | South Kent Wind LP Inc. | 50.0 |
| SRE WIND PA GP INC. | SRE WIND PA LP | 0.0 |
| SRE GRS Holdings GP Inc. | Grand Renewable Solar GP Inc. | 50.0 |
| SRE GRS Holdings GP Inc. | SRE GRS Holdings LP | 0.0 |
| SRE K2 EPC GP Inc. | SRE K2 EPC LP | 0.0 |
| SRE K2 LP HOLDINGS LP | K2 Wind Ontario LP | 33.3 |
| SRE KS HOLDINGS GP INC. | Kingston Solar GP Inc. | 50.0 |
| SRE KS HOLDINGS GP INC. | SRE KS HOLDINGS LP | 0.0 |
| SRE KS HOLDINGS LP | Kingston Solar LP Inc. | 25.0 |
| SOUTHGATE SOLAR GP INC. | SOUTHGATE SOLAR LP | 0.0 |
| WINDSOR SOLAR GP INC. | WINDSOR SOLAR LP | 0.0 |
| SRE Belle River LP Holdings LP | SP Belle River Wind LP | 50.0 |
| SP Belle River Wind GP Inc | SP Belle River Wind LP | 0.0 |
| SRE Armow EPC GP Inc. | SRE Armow EPC LP | 0.0 |
| SRE Armow LP Holdings LP | SP Armow Wind Ontario LP | 50.0 |
| SRE Wind GP Holding Inc. | K2 Wind Ontario Inc. | 50.0 |
| SRE Wind GP Holding Inc. | SP Armow Wind Ontario GP Inc | 50.0 |
| SRE Wind GP Holding Inc. | SP Southgate Wind GP | 50.0 |
| SRE Wind GP Holding Inc. | SRE GRW LP Holdings LP | 0.0 |
| SRE Wind GP Holding Inc. | SRE SKW LP Holdings LP | 0.0 |
| SRE Wind GP Holding Inc. | SRE K2 LP HOLDINGS LP | 0.0 |
| SRE Wind GP Holding Inc. | SRE Belle River LP Holdings LP | 0.0 |
| SRE Wind GP Holding Inc. | SP Belle River Wind GP Inc | 50.0 |
| SRE Wind GP Holding Inc. | SRE Armow LP Holdings LP | 0.0 |
| SRE Wind GP Holding Inc. | SP Ontario Wind Development GP Inc. | 50.0 |
| SRE Wind GP Holding Inc. | South Kent Wind GP Inc. | 50.0 |
| SRE Wind GP Holding Inc. | Grand Renewable Wind GP Inc. | 50.0 |
| SRE Dover LP Holding LP | SP Dover Wind LP | 50.0 |
| SP Ontario Wind Development GP | SP Ontario Wind Development LP Inc. | 0.0 |
| South Kent Wind GP Inc. | South Kent Wind LP Inc. | 0.0 |
| Grand Renewable Wind GP Inc. | Grand Renewable Wind LP Inc. | 0.0 |
| Samsung C&T Deutchland GmbH | Samsung C&T Italia S.A.R.L | 100.0 |
| | | |
| Samsung C&T Deutchland GmbH Samsung C&T Deutchland GmbH | SCNT Investment Atlantic SPRL POSS-SLPC, s.r.o | 0.0 |
| , | | |
| Samsung C&T Deutchland GmbH | Solluce Romania 1 B.V. | 20.0 |
| Samsung C&T Deutchland GmbH | Solluce Slovenia 1 B.V. | 20.0 |
| Samsung C&T Deutchland GmbH | S.C. Otelinox S.A | 94.3 |
| Samsung C&T Deutchland GmbH | KSILLP | 25.0 |
| Samsung C&T U.K. Ltd. | Xiod Distribution | 75.0 |
| Samsung C&T U.K. Ltd. | Samsung Nigeria Co., Ltd. | 0.1 |
| Samsung C&T France S.A.S | Comptoir Des Produits Inoxydables S.A.S. | 12.5 |
| Solluce Romania 1 B.V. | LJG GREEN SOURCE ENERGY ALPHA S.R.L. | 78.0 |
| SAM investment Manzanilo.B.V | Terminal KMS de GNL S. de R.L de C.V | 37.5 |

| Investor | Investee | Ownership |
|---------------------------------|--|-----------|
| Solluce Slovenia 1 B.V. | ZE Solar 1 D.O.O. | 70.0 |
| Samsung C&T (KL) Sdn.,Bhd. | SS KUKDONG JASATERA J/V | 70.0 |
| Cassava Investment Korea Pte. | PT. Cahaya Borneo Sukses Agrosindo | 49.0 |
| Cassava Investment Korea Pte. | PT. Cassava Borneo Sukses Plantation | 49.0 |
| Samsung C&T Thailand Co., Ltd | Samsung Development (Thailand) Co., Ltd. | 67.0 |
| Cheil Holding Inc. | Samsung Const. Co. Phils.,Inc. | 75.0 |
| Samsung C&T Singapore Pte. Ltd. | Samsung Chemtech | 48.3 |
| Samsung C&T Singapore Pte. Ltd. | S-print Inc | 16.0 |
| Samsung C&T Singapore Pte. Ltd. | Cassava Investment Korea Pte. Ltd. | 12.7 |
| Samsung C&T Singapore Pte. Ltd. | PT. INSAM BATUBARA ENERGY | 10.0 |
| Samsung C&T Singapore Pte. Ltd. | Malaysia Samsung Steel Center Sdn.Bhd | 30.0 |
| Samsung C&T Singapore Pte. Ltd. | S&G Biofuel PTE.LTD | 12.6 |
| S&G Biofuel PTE.LTD | PT. Gandaerah Hendana | 95.0 |
| S&G Biofuel PTE.LTD | PT. Inecda | 95.0 |
| SAMSUNG C&T HONGKONG Ltd. | Samsung C&T Thailand Co., Ltd | 13.2 |
| SAMSUNG C&T HONGKONG Ltd. | SAMSUNG (TIANJIN) INTERNATIONAL TRADING CO., LTD | 100.0 |
| SAMSUNG C&T HONGKONG Ltd. | SAMSUNG TRADING (SHANGHAI) CO., LTD | 100.0 |
| SAMSUNG C&T HONGKONG Ltd. | Karson Industrial Co., Ltd. | 100.0 |
| SAMSUNG C&T HONGKONG Ltd. | SAMSUNG TRADING (SHENZHEN) CO., LTD | 100.0 |
| SAMSUNG C&T HONGKONG Ltd. | Samsung Precision Stainless Steel(pinghu) Co.,Ltd. | 45.0 |
| SAMSUNG C&T HONGKONG Ltd. | Samsung Logistics (China) Ltd. | 100.0 |
| SAMSUNG C&T HONGKONG Ltd. | Samsung Corporation (Gaungzhou) Limited. | 100.0 |
| Samsung (China) Logistics Ltd. | Samsung Logistics (Tianjin) Ltd | 100.0 |
| Samsung (China) Logistics Ltd. | SAMSUNG TRADING (SHENZHEN) CO., LTD | 100.0 |
| Samsung C&T Chile Copper SpA | Pampa Camarones S.A. | 46.5 |
| S.C. Otelinox S.A | Comptoir Des Produits Inoxydables S.A.S. | 87.5 |
| Samsung Electronics | Samsung Japan Corporation | 100.0 |
| Samsung Electronics | Samsung Sapan Corporation Samsung R&D Institute Japan Co. Ltd | 100.0 |
| Samsung Electronics | Samsung Rab institute sapan 60. Eta Samsung Electronics America Inc. | 100.0 |
| Samsung Electronics | Samsung Electronics America Inc. Samsung Electronics Canada Inc. | 100.0 |
| | Samsung Electronics Canada Inc. Samsung Electronics Mexico S.A. De C.V. | 63.6 |
| Samsung Electronics | Nvelo.lnc | 100.0 |
| Samsung Electronics | | 100.0 |
| Samsung Electronics | Samsung Electronics (UK) Ltd. | 100.0 |
| Samsung Electronics | Samsung Electronics(London) Ltd. | _ |
| Samsung Electronics | Samsung Electronics Holding GmbH | 100.0 |
| Samsung Electronics | Samsung Electronics Iberia, S.A. | 100.0 |
| Samsung Electronics | Samsung Electronics France S.A.S | 100.0 |
| Samsung Electronics | Samsung Electronics Hungarian RT. | 100.0 |
| Samsung Electronics | Samsung Electronics Italia S.P.A. | 100.0 |
| Samsung Electronics | Samsung Electronics Europe Logistics B.V. | 100.0 |
| Samsung Electronics | Samsung Electronics Benelux B.V. | 100.0 |
| Samsung Electronics | Samsung Electronics Overseas B.V. | 100.0 |
| Samsung Electronics | Samsung Electronics Polska, SP.Zo.o | 100.0 |
| Samsung Electronics | Samsung Electronics Portuguesa S.A. | 100.0 |
| Samsung Electronics | Samsung Electronics Nordic Aktiebolag | 100.0 |
| Samsung Electronics | Samsung Electronics Austria GmbH | 100.0 |
| Samsung Electronics | Samsung Electronics Slovakia s.r.o | 55.7 |
| Samsung Electronics | Samsung Electronics Europe Holding Cooperatief U.A. | 100.0 |
| Samsung Electronics | Samsung Electronics Display (M) Sdn. Bhd. | 75.0 |
| Samsung Electronics | Samsung Electronics (M) Sdn. Bhd. | 100.0 |
| Samsung Electronics | Samsung Vina Electronics Co., Ltd. | 100.0 |
| Samsung Electronics | Samsung Asia Private Ltd. | 100.0 |
| Samsung Electronics | Samsung India Electronics Private Ltd. | 100.0 |
| Samsung Electronics | Samsung R&D Institute India-Bangalore Private Limited | 100.0 |

| Investor | Investee | Ownership |
|---|---|-----------|
| Samsung Electronics | Samsung Electronics Australia Pty. Ltd. | 100.0 |
| Samsung Electronics | PT Samsung Electronics Indonesia | 100.0 |
| Samsung Electronics | Thai Samsung Electronics Co., Ltd. | 91.8 |
| Samsung Electronics | Samsung Malaysia Electronics(SME) Sdn.Bhd. | 100.0 |
| Samsung Electronics | Samsung Electronics Hong Kong Co., Ltd. | 100.0 |
| Samsung Electronics | Suzhou Samsung Electronics Co., Ltd. | 69.1 |
| Samsung Electronics | Samsung (CHINA) Investment Co., Ltd. | 100.0 |
| Samsung Electronics | Samsung Electronics Suzhou Semiconductor Co., Ltd. | 100.0 |
| Samsung Electronics | Samsung Electronics (Shandong) Digital Printing Co., Ltd. | 87.1 |
| Samsung Electronics | Samsung Electronics Huizhou Co., Ltd. | 89.6 |
| Samsung Electronics | Tianjin Samsung Electronics Co., Ltd. | 48.2 |
| Samsung Electronics Samsung Electronics | Samsung Electronics Taiwan Co., Ltd. | 100.0 |
| | | 90.0 |
| Samsung Electronics | Tianjin Samsung Telecom Technology Co., Ltd. | 100.0 |
| Samsung Electronics | Shanghai Samsung Semiconductor Co., Ltd. | 73.7 |
| Samsung Electronics | Samsung Electronics Suzhou Computer Co., Ltd. | |
| Samsung Electronics | Shenzhen Samsung Electronics Telecommunication Co., Ltd. | 95.0 |
| Samsung Electronics | Samsung Electronics Shanghai Telecommunication Co., Ltd. | 100.0 |
| Samsung Electronics | Samsung Semiconductor (China) R&D Co., Ltd. | 100.0 |
| Samsung Electronics | Samsung (China) Semiconductor Co., Ltd. | 100.0 |
| Samsung Electronics | Samsung Electronics Hainan Fiberoptics Co., Ltd | 100.0 |
| Samsung Electronics | Samsung Gulf Electronics Co., Ltd. | 100.0 |
| Samsung Electronics | Samsung Electronics Egypt S.A.E | 0.1 |
| Samsung Electronics | Samsung Electronics South Africa(Pty) Ltd. | 100.0 |
| Samsung Electronics | Samsung Electronics Latinoamerica (Zona Libre) | 100.0 |
| Samsung Electronics | Samsung Electronica da Amazonia Ltda. | 87.0 |
| Samsung Electronics | Samsung Electronics Argentina S.A. | 98.0 |
| Samsung Electronics | Samsung Electronics Chile Limitada | 4.1 |
| Samsung Electronics | Samsung Electronics Rus Company LLC | 100.0 |
| Samsung Electronics | Samsung Electronics Rus Kaluga LLC | 100.0 |
| Samsung Electronics | Samsung Russia Service Centre LLC | 100.0 |
| Samsung Electronics | Samsung SDI Brasil Ltda. | 0.1 |
| Samsung Electronics | Tianjin Samsung LED Co., Ltd. | 100.0 |
| Samsung Electronics | Tianjin Samsung Opto-Electronics Co., Ltd. | 82.0 |
| Samsung BioEpis | SAMSUNG BIOEPIS UK LIMITED | 100.0 |
| Samsung Display | Intellectual Keystone Technology LLC | 41.9 |
| Samsung Display | Samsung Display Slovakia s.r.o. | 100.0 |
| Samsung Display | Samsung Display Bac Ninh Co., Ltd. | 100.0 |
| Samsung Display | Samsung Display Suzhou Co., Ltd. | 100.0 |
| Samsung Display | Samsung Suzhou LCD Co., Ltd. | 60.0 |
| Samsung Display | Samsung Display Dongguan Co., Ltd. | 100.0 |
| Samsung Display | Samsung Display Tianjin Co., Ltd. | 95.0 |
| Samsung Display | Novaled GmbH | 9.9 |
| SEMES | SEMES America, Inc. | 100.0 |
| SEMES | SEMES (XIAN) Co., Ltd. | 100.0 |
| Samsung Medison | SonoAce Deutschland GmbH | 100.0 |
| Samsung Medison | Samsung Medison India Private Ltd. | 100.0 |
| Samsung Medison | Samsung Medison Shanghai Medical Instrument Co., Ltd. | 100.0 |
| Samsung Electronics America, Inc. | NexusDX, Inc. | 100.0 |
| Samsung Electronics America, Inc. | NeuroLogica Corp. | 100.0 |
| Samsung Electronics America, Inc. | Samsung Receivables Corporation | 40.1 |
| Samsung Electronics America, Inc. | Quietside | 100.0 |
| Samsung Electronics America, Inc. | SmartThings | 100.0 |
| Samsung Electronics America, Inc. | Samsung Semiconductor, Inc. | 100.0 |
| Samsung Electronics America, Inc. | Samsung Information Systems America, Inc. | 100.0 |
| Cambang Lieutionios America, inc. | Controding information Cystoms America, inc. | 100.0 |

| Investor | Investee | Ownership |
|---|--|-----------|
| Samsung Electronics America, Inc. | Samsung International, Inc. | 100.0 |
| Samsung Electronics America, Inc. | Samsung Telecommunications America LLC. | 100.0 |
| Samsung Semiconductor, Inc. | Grandis, Inc. | 100.0 |
| Samsung Semiconductor, Inc. | Samsung Austin Semiconductor LLC. | 100.0 |
| Samsung Electronics Canada Inc | PrinterOn Corporation | 100.0 |
| PrinterOn Inc | PrinterOn America Corporation | 100.0 |
| PrinterOn Inc | PrinterOn Europe Limited | 100.0 |
| Samsung International, Inc. | Samsung Mexicana S.A. de C.V | 100.0 |
| Samsung Telecommunications America LLC. | Samsung Receivables Corporation | 59.9 |
| Samsung Electronics Mexico S.A | Samsung Electronics Digital Appliance Mexico, SA de CV | 100.0 |
| Samsung Electronics (UK) Ltd. | Samsung Semiconductor Europe Limited | 100.0 |
| Samsung Electronics Holding GmbH | Samsung Semiconductor Europe GmbH | 100.0 |
| Samsung Electronics Holding GmbH | Samsung Electronics GmbH | 100.0 |
| Samsung Electronics Hungarian RT. | Samsung Electronics Czech and Slovak s.r.o. | 30.0 |
| Samsung Electronics Hungarian RT. | Samsung Electronics Slovakia s.r.o | 44.3 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Mexico S.A. De C.V. | 36.4 |
| Samsung Electronics Benelux B.V. | SAMSUNG ELECTRONICS BALTICS SIA | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics West Africa | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics East Africa | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Egypt S.A.E | 99.9 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Israel Ltd. | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Tunisia S.A.R.L | 99.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Pakistan(Private) Ltd. | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics South Africa Production | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Turkey | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Semiconductor Israel R&D Center,Ltd. | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Levant Co.,Ltd. | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Morocco SARLAU | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Venezuela, C.A. | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronica da Amazonia Ltda. | 13.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Chile Limitada | 95.9 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Peru S.A.C. | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Rus LLC | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Ukraine LLC | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Ukraine Company LLC | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung R&D Institute Rus LLC | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Kazakhstan LLP | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics KZ and Central Asia LLP | 100.0 |
| Samsung Electronics Benelux B.V. | Samsung Electronics Caucasus Co., Ltd | 100.0 |
| Samsung Electronics Austria GmbH | Samsung Electronics Switzerland GmbH | 100.0 |
| Samsung Electronics Austria Chibri Samsung Electronics Europe Holding Cooperatief U.A. | Samsung Electronics Czech and Slovak s.r.o. | 70.0 |
| Samsung Electronics Europe Holding Cooperation U.A. | Samsung Electronics Romania LLC | 100.0 |
| Samsung Electronics Europe Holding Cooperatief U.A. | Porta Nuova Varesine Building 2 S.r.l. | 49.0 |
| Samsung Electronics Europe Holding Cooperation U.A. | Samsung Electronics Poland Manufacturing SP.Zo.o | 100.0 |
| Samsung Electronics Europe Holding Cooperatief U.A. | Samsung Electronics Foliation Maintalacturing SF.20.0 Samsung Electronics Greece S.A. | 100.0 |
| Samsung Electronics Europe Holding Cooperation U.A. | Samsung Nanoradio Design Center | 100.0 |
| Samsung Electronics Europe Holding Cooperatief U.A. | Samsung Denmark Research Center ApS | 100.0 |
| Samsung Electronics Europe Holding Cooperatief U.A. | Samsung France Research Center AARL | 100.0 |
| Samsung Electronics Europe Holding Cooperatief U.A. | Samsung Cambridge Solution Centre Limited | 100.0 |
| Samsung Electronics Europe Holding Cooperatief U.A. | Novaled GmbH | 40.0 |
| Samsung Nanoradio Design Center | Nanoradio Hellas AE | 100.0 |
| Samsung Electronics Display (M) Sdn. Bhd. | Tianjin Samsung Electronics Co., Ltd. | 2.2 |
| Samsung Asia Private Ltd. | Samsung Electronics Co., Ltd. Samsung Electronics Japan Co., Ltd. | 100.0 |
| | | |
| Samsung Asia Private Ltd. | Samsung Electronics Display (M) Sdn. Bhd. | 25.0 |

| Samsung Electronics New Zealand Limited | 100.0 |
|--|--|
| Samsung Electronics Philippines Corporation | 100.0 |
| Samsung R&D Institute BanglaDesh | 100.0 |
| Samsung Electronics Vietnam Co., Ltd. | 100.0 |
| Samsung Telecommunications Malaysia Sbn. Bhd. | 100.0 |
| Samsung Electronics Vietnam THAINGUYEN Co., Ltd. | 100.0 |
| Samsung SDI (Malaysia) SDN. BHD. | 25.0 |
| Samsung Electro-Mechanics(Thailand) Co., Ltd. | 25.0 |
| iMarket Asia Co., Ltd. | 11.4 |
| PT Samsung Telecommunications Indonesia | 99.0 |
| iMarket Asia Co., Ltd. | 11.3 |
| Samsung Suzhou Electronics Export Co., Ltd. | 100.0 |
| Suzhou Samsung Electronics Co., Ltd. | 19.2 |
| Samsung Mobile R&D Center China-Guangzhou | 100.0 |
| Samsung Mobile R&D Center China - Tianjin | 100.0 |
| Samsung Network R&D Center China-Shenzhen | 100.0 |
| Samsung R&D Institute China-Xian | 100.0 |
| Samsung Electronics (Shandong) Digital Printing Co., Ltd. | 12.9 |
| Samsung Electronics Huizhou Co., Ltd. | 10.3 |
| Tianiin Samsung Electronics Co., Ltd. | 40.8 |
| | 100.0 |
| | 26.3 |
| | 100.0 |
| , , | 100.0 |
| 1 1 1 | 8.0 |
| | 0.1 |
| | 1.0 |
| | 100.0 |
| | 100.0 |
| | 100.0 |
| | 2.0 |
| | 0.0 |
| • | 41.0 |
| | 100.0 |
| | 91.7 |
| Ÿ | 100.0 |
| , , , , , , , , , , , , , , , , , , , | 100.0 |
| • | 100.0 |
| · · · · · · · · · · · · · · · · · · · | 68.6 |
| | 100.0 |
| · | 100.0 |
| | 97.6 |
| | 100.0 |
| • | 50.0 |
| <u> </u> | 45.0 |
| | 100.0 |
| · · | 100.0 |
| - | 100.0 |
| | 100.0 |
| · | |
| | 100.0 50.1 |
| | |
| | 59.4 |
| Samsung Chemical Material Trading(Shanghai)Co.Ltd. TIANJIN SAMSUNG ENGINEERING PLASTICS CO.,LTD | 100.0 |
| | Samsung R&D Institute BanglaDesh Samsung Electronics Vietnam Co., Ltd. Samsung Telecommunications Malaysia Sbn. Bhd. Samsung Electronics Vietnam THAINGUYEN Co., Ltd. Samsung SDI (Malaysia) SDN. BHD. Samsung Electro-Mechanics(Thailand) Co., Ltd. iMarket Asia Co., Ltd. PT Samsung Telecommunications Indonesia iMarket Asia Co., Ltd. Samsung Suzhou Electronics Export Co., Ltd. Suzhou Samsung Electronics Co., Ltd. Samsung Mobile R&D Center China-Guangzhou Samsung Mobile R&D Center China - Tianjin Samsung Network R&D Center China-Shenzhen Samsung R&D Institute China-Xian Samsung Electronics (Shandong) Digital Printing Co., Ltd. |

| Investor | Investee | Ownership |
|---|---|-----------|
| Samsung SDI | DONGGUAN SAMSUNG ENGINEERING PLASTICS CO., Ltd. | 100.0 |
| Samsung SDI | SAMSUNG CHEMICAL ELECTRONIC MATERIALS(SUZHOU)CO.,Ltd | 100.0 |
| Samsung SDI | iMarket Asia Co., Ltd. | 8.7 |
| Samsung SDI America, Inc. | Samsung SDI Mexico S.A. de C.V. | 100.0 |
| Samsung SDI America, Inc. | Samsung SDI Brasil Ltda. | 40.4 |
| Samsung SDI (Hong Kong) Ltd. | Shenzhen Samsung SDI Co., Ltd. | 80.0 |
| Samsung SDI (Hong Kong) Ltd. | Tianjin Samsung SDI Co., Ltd. | 80.0 |
| Samsung SDI (Hong Kong) Ltd. | Shanghai Samsung Electronic Devices Co., Ltd | 60.3 |
| Samsung SDI (Hong Kong) Ltd. | Samsung SDI Brasil Ltda. | 14.5 |
| Samsung Electro-Mechanics | Samsung Electro-Machanics Japan Co., Ltd. | 100.0 |
| Samsung Electro-Mechanics | Samsung Electro-Mechanics Japan Advanced Technology Co.,Ltd | 100.0 |
| Samsung Electro-Mechanics | Samsung Electro-Mechanics America, Inc. | 100.0 |
| Samsung Electro-Mechanics | Samsung Electro-Mechanics Gmbh | 100.0 |
| Samsung Electro-Mechanics | Samsung Hungary Electro-Mechanics Private LLC | 100.0 |
| Samsung Electro-Mechanics | Samsung Electro-Mechanics(Thailand) Co., Ltd. | 75.0 |
| Samsung Electro-Mechanics | Samsung Electro-Mechanics Phils., Corp. | 100.0 |
| Samsung Electro-Mechanics | Calamba Premier Realty Corporation. | 39.8 |
| Samsung Electro-Mechanics | Samsung Electro-Mechanics Pte., Ltd | 100.0 |
| Samsung Electro-Mechanics | Samsung Electro Mechanics Vietnam Co., Ltd | 100.0 |
| Samsung Electro-Mechanics | Dongguan Samsung Electro-Mechanics Co., Ltd | 100.0 |
| Samsung Electro-Mechanics | Tianjin Samsung Electro-Mechanics Co., Ltd | 81.8 |
| Samsung Electro-Mechanics | Samsung Electro-Mechanics(HK) Co., Ltd. | 100.0 |
| Samsung Electro-Mechanics | SAMSUNG HIGH-TECH ELECTRO-MECHANICS(TIANJIN) CO., | 95.0 |
| Samsung Electro-Mechanics | Samsung Electro-Mechanics(Shenzhen) Co., LTd | 100.0 |
| Samsung Electro-Mechanics | Kunshan Samsung Electro-Mechanics Co., Ltd | 100.0 |
| Samsung Electro-Mechanics | iMarket Asia Co., Ltd. | 8.7 |
| Samsung Electro-Mechanics Japan Advanced Technology Co.,Ltd | Samsung Electro-Mechanics Nakhonratchasima Co.,Ltd | 100.0 |
| Samsung Electro-Mechanics America, Inc. | Samsung Electro-Mechanics do Brasil Intermediacoes de Negocios Ltda | 100.0 |
| Calamba Premier Realty Corpora | BATINO REALTY CORPORATION | 100.0 |
| Samsung Fire & Marine Insurance | Samsung Fire & Marine Management Corporation | 100.0 |
| Samsung Fire & Marine Insurance | Samsung Fire & Marine Insurance Company of Europe | 100.0 |
| Samsung Fire & Marine Insurance | P.T. Asuransi Samsung Tugu | 70.0 |
| Samsung Fire & Marine Insurance | Samsung Vina Insurance Co., Ltd. | 75.0 |
| Samsung Fire & Marine Insurance | Samsung Reinsurance Pte., Ltd. | 100.0 |
| Samsung Fire & Marine Insurance | Samsung Property and Casualty Insurance Co(China) Ltd. | 100.0 |
| Samsung Fire & Marine Insurance | SAMSUNG FIRE & MARINE CONSULTORIA EM SEGUROS LTDA. | 100.0 |
| Samsung General Chemicals | Samsung General Chemicals (Shanghai) Co., Ltd. | 100.0 |
| Samsung Total Petrochemicals | Dongguan Samsung Total Engineering Plastic coltd. | 100.0 |
| Samsung Total Petrochemicals | Samsung Total Petrochemicals Trading (Shanghai) Co., Ltd. | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | Camellia Consulting Corporation | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | Samsung Wind Energy,Inc | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | Offshore 1 consulting Corporation | 51.0 |
| Samsung Heavy Industries Co.,Ltd. | Samsung heavy Industries Hamburg GmbH | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | Samsung Heavy Industries India Pvt.Ltd. | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | SAMSUNG HEAVY INDUSTRIES (M) SDN.BHD | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | Samsung Heavy Industries(Ningbo) Co., Ltd | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | Samsung Heavy Industries(Rongcheng) Co., Ltd | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | Rongcheng Gaya Heavy Industries Co., Ltd | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | Samsung Heavy Industries Trade(Shanghai) Co., Ltd | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | SAMSUNG HEAVY INDUSTRIES NIGERIA LIMITED | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | SANGSUNG HEAVY INDUSTRIES BRAZIL ASSESSORIA EM PRO | 100.0 |
| Samsung Heavy Industries Co.,Ltd. | SHI BRAZIL CONSTRUCTION | 100.0 |
| Offshore 1 consulting Corporat | AMEC Samsung Oil&Gas, LLC | 51.0 |
| Olianore i consulting corporat | SHI - MCI FZE | 31.0 |

| Investor | Investee | Ownership |
|---|---|-----------|
| Samsung Life Insurance | Porta Nuova Varesine Building 2 S.r.l. | 51.0 |
| Samsung Life Insurance | SAMSUNG LIFE INVESTMENT (AMERICA) LTD. | 100.0 |
| Samsung Life Insurance | Samsung Life Investment (U.K.) Limited. | 100.0 |
| Samsung Life Insurance | 30 GRESHAM STREET(JERSEY) LIMITED | 100.0 |
| Samsung Life Insurance | THAI SAMSUNG LIFE INSURANCE CO., LTD. | 35.8 |
| Samsung Life Insurance | Samsung Air China Life Insurance | 50.0 |
| Samsung Life Insurance | Beijing Samsung Real Estate Co., Ltd | 90.0 |
| Samsung Asset Management | Samsung Asset Management(Hong Kong) Limited. | 100.0 |
| 30 GRESHAM STREET(JERSEY) LIMI | 30 GRESHAM STREET (SINGAPORE) LIMITED | 100.0 |
| Starex Compounding America Inc. | Stacom Mexico, S.A. de C.V. | 100.0 |
| SAMSUNG CHEMICAL(THAILAND) CO. | Samsung Engineering (Thailand) Co., Ltd. | 19.0 |
| Samsung Techwin | Techwin Engineering Center | 100.0 |
| Samsung Techwin | Samsung Opto-Electronics America, Inc. | 100.0 |
| Samsung Techwin | SAMSUNG TECHWIN EUROPE, Ltd. | 100.0 |
| Samsung Techwin | Tianjin Samsung Techwin Opto-Electronics | 95.0 |
| Samsung Techwin | Shanghai Samsung Techwin | 100.0 |
| Samsung Techwin | SAMSUNG TECHWIN DO BRASIL EQUIPAMEN TOS DE SEGURANCA Ltda. | 100.0 |
| Cheil Industries Inc. | Cheil America Inc. | 100.0 |
| Cheil Industries Inc. | Samsung Fashion S.r.L | 100.0 |
| Cheil Industries Inc. | COLOMBO VIA DELLA SPIGA S.R.L | 100.0 |
| Cheil Industries Inc. | Samsung Fashion Trading (Shanghai) Co. ,Ltd | 100.0 |
| Cheil Industries Inc. | CHEIL INDUSTRIES INC. VIETNAM COMPANY LIMITED | 100.0 |
| Cheil Industries Inc. | iMarket Asia Co., Ltd. | 19.3 |
| Samsung Welstory | Shanghai Ever-Hongjun Business Mgt Service Co.,LTD | 51.0 |
| Credu | LANGUAGE TESTING INTERNATIONAL, INC | 82.4 |
| PengTai Greater China Co., Ltd | PengTai China Co., Ltd. | 100.0 |
| PengTai Greater China Co., Ltd | PengTai Taiwan Co., Ltd. | 100.0 |
| PengTai Greater China Co., Ltd | PengTai Interactive Advertising Co.,Ltd. | 100.0 |
| PengTai China Co., Ltd. | PengTai e-Commerce Co., Ltd. | 100.0 |
| PengTai China Co., Ltd. | PengTai Marketing Service Co., Ltd. | 100.0 |
| iMarket Asia Co., Ltd. | iMarket China Co., Ltd. | 80.0 |
| Samsung Fine Chemicals | Samsung Fine Chemicals Europe GmbH | 100.0 |
| Samsung Fine Chemicals | Samsung Fine Chemicals Trading (Shanghai) Co., Ltd | 100.0 |
| Samsung Securities | Samsung Securities (America), Inc. | 100.0 |
| Samsung Securities | Samsung Securities (Europe) Limited. | 100.0 |
| Samsung Securities | Samsung Securities (Asia) Limited. | 100.0 |
| Samsung SDS | iMarket Asia Co., Ltd. | 40.6 |
| Samsung SDS | Samsung SDS America, Inc. | 100.0 |
| Samsung SDS | Samsung SDS Europe Ltd. | 100.0 |
| Samsung SDS | Samsung SDS Chope Etc. Samsung SDS Global SCL Netherlands Cooperatief U.A | 100.0 |
| Samsung SDS | Samsung SDS Asia Pacific Pte. Ltd. | 100.0 |
| Samsung SDS | Samsung SDS India PVt. Ltd. | 100.0 |
| Samsung SDS | Samsung SDS China, Ltd. | 100.0 |
| Samsung SDS | SAMSUNG SDS LATIN AMERICA SOLUCOES EM TECNOLOGIA Ltda | 99.7 |
| Miracom | MIRACOM INC ASIA PACIFIC LTD | 100.0 |
| | SAMSUNG SDS LATIN AMERICA SOLUCOES EM TECNOLOGIA Ltda | 0.3 |
| Samsung SDS America,Inc. Samsung SDS America,Inc. | Samsung SDS Mexico, S.A. DE C.V. | 99.0 |
| Samsung SDS America, Inc. Samsung SDS America, Inc. | Samsung SDS Global SCL Panama S. A. | 100.0 |
| Samsung SDS America, Inc. Samsung SDS America, Inc. | Samsung SDS Global SCL Pallatria S. A. Samsung SDS Global SCL Chile Limitada | 100.0 |
| | | |
| Samsung SDS Europe Ltd. | Samsung SDS Global SCL Hungary Kft. | 100.0 |
| Samsung SDS Europe Ltd. | Samsung SDS Global SCL Slovakia, s.r.o. | 100.0 |
| Samsung SDS Europe Ltd. | SAMSUNG SDS GSCL POLAND | 100.0 |
| Samsung SDS Europe Ltd. | Samsung SDS Global SCL Netherlands Cooperatief U.A | 0.0 |
| Samsung SDS Europe Ltd. | SAMSUNG SDS Global SCL Egypt Co. Ltd. | 100.0 |

| Investor | Investee | Ownership |
|---|--|-----------|
| Samsung SDS Europe Ltd. | Samsung SDS global SCL South Africa | 100.0 |
| Samsung SDS Europe Ltd. | Samsung SDS Global SCL Transport and Logistics Joint Stock Company | 100.0 |
| Samsung SDS Europe Ltd. | Samsung SDS Global SCL Rus Limited liability company | 100.0 |
| Samsung SDS Global SCL Netherland Cooperatief U.A | SAMSUNG SDS GSCL POLAND | 0.0 |
| Samsung SDS Global SCL Netherland Cooperatief U.A | Samsung SDS Global SCL Rus LLC | 0.0 |
| Samsung SDS Asia Pacific Pte. | Samsung SDS GSCL Vietnam Co Ltd | 51.0 |
| Samsung SDS Asia Pacific Pte. | PT. Samsung SDS Global SCL Indonesia | 100.0 |
| Samsung SDS Asia Pacific Pte. | Samsung SDS Global SCL Philippines Co., Ltd. | 100.0 |
| Samsung SDS Asia Pacific Pte. | Samsung SDS Global SCL Thailand Co.,Ltd | 100.0 |
| Samsung SDS Asia Pacific Pte. | Samsung SDS Global SCL Malaysia SDN.BHD. | 100.0 |
| Samsung SDS Asia Pacific Pte. | SAMSUNG SDS GLOBAL SCL AUSTRALIA PTY., LTD. | 100.0 |
| Samsung SDS Asia Pacific Pte. | Samsung SDS Global SCL Hong Kong Ltd | 100.0 |
| Samsung SDS China, Ltd. | Samsung SDS Global Development Center Xi'an | 100.0 |
| Samsung SDS China, Ltd. | Samsung SDS Global SCL Beijing Co., Ltd | 100.0 |
| MIRACOM INC ASIA PACIFIC LTD | MIRACOM INC CHINA LTD | 100.0 |
| Samsung Engineering | Offshore 1 consulting Corporation | 49.0 |
| Samsung Engineering | Samsung Engineering America Inc. | 100.0 |
| Samsung Engineering | Samsung Engineering Magyarorszag Epitoipari K. F. | 100.0 |
| Samsung Engineering | Samsung Engineering (Malaysia) SDN. BHD. | 100.0 |
| Samsung Engineering | PT Samsung Engineering Indonesia Co., Ltd. | 100.0 |
| Samsung Engineering | Samsung Engineering (Thailand) Co., Ltd. | 81.0 |
| Samsung Engineering | Samsung Engineering India Private Ltd. | 100.0 |
| Samsung Engineering | Samsung Engineering Vietnam Co | 100.0 |
| Samsung Engineering | Samsung Engineering Construction(Shanghai) Co., Ltd | 100.0 |
| Samsung Engineering | Samsung Saudi Arabia Company Limited. | 95.0 |
| Samsung Engineering | Muharrag Wastewater Services Company W.L.L. | 64.8 |
| Samsung Engineering | Muharraq STP Company B.S.C. | 4.6 |
| Samsung Engineering | Muharraq Holding Company 1 Ltd. | 45.0 |
| Samsung Engineering | Samsung Ingenieria Minatitlan, S.A. De C.V. | 99.9 |
| Samsung Engineering | Samsung Engineering Trinidad Co., Ltd. | 100.0 |
| Samsung Engineering | Samsung Ingenieria Manzanillo, S.A. De C.V. | 99.9 |
| Samsung Engineering | Grupo Samsung Ingenieria Mexico, S.A. De C.V. | 100.0 |
| Samsung Engineering | Samsung Ingenieria Energia S.A. De C.V. | 100.0 |
| Samsung Engineering | Samsung Engineering America Do Sul Projecto E Consultoria Ltda. | 100.0 |
| Samsung Engineering | Samsung Engineering Bolivia S.A | 99.9 |
| Samsung Engineering | Samsung Ingenieria DUBA S.A. de C.V. | 100.0 |
| Samsung Engineering | Samsung Engineering Kazakhstan LLP | 100.0 |
| Samsung Engineering America Inc | SEA Construction, LLC | 100.0 |
| Samsung Engineering (Malaysia) | Muharraq Wastewater Services Company W.L.L. | 0.3 |
| Samsung Engineering (Thailand) | Samsung Chemical (Thailand) CO., Ltd | 40.6 |
| Samsung Engineering (Mahand) Samsung Engineering India Private Ltd. | Samsung Saudi Arabia Company Limited. | 5.0 |
| Samsung Saudi Arabia Company | Samsung EPC Company Ltd. | 75.0 |
| Muharraq Holding Company 1 Ltd | Muharraq Holding Company 2 Ltd. | 100.0 |
| Muharraq Holding Company 2 Ltd | Muharraq Trotoling Company B.S.C. | 79.7 |
| S1 Corporation | SOCM LLC | 100.0 |
| S1 Corporation | Samsung Beijing Security Systems | 100.0 |
| Cheil Worldwide | Cheil USA Inc. | 100.0 |
| Cheil Worldwide Cheil Worldwide | Cheil Central America Inc. | 100.0 |
| Cheil Worldwide Cheil Worldwide | Cheil Europe Ltd. | 100.0 |
| | | |
| Cheil Worldwide | Cheil Germany GmbH Cheil France SAS | 100.0 |
| Cheil Worldwide | | |
| Cheil Worldwide Cheil Worldwide | Cheil Nordic AB | 100.0 |
| L.DEU WOTOWICE | Cheil India Pvt. Ltd. | 100.0 |

| Investor | Investee | Ownership |
|-------------------------------|---|-----------|
| Cheil Worldwide | Cheil Singapore Pte. Ltd. | 100.0 |
| Cheil Worldwide | Cheil Vietnam Co. Ltd. | 90.0 |
| Cheil Worldwide | Cheil Integrated Marketing Philippines, Inc. | 100.0 |
| Cheil Worldwide | Cheil Malaysia SDN BHD | 100.0 |
| Cheil Worldwide | Cheil China | 100.0 |
| Cheil Worldwide | Cheil Hong Kong Ltd. | 100.0 |
| Cheil Worldwide | Bravo Asia Limited | 100.0 |
| Cheil Worldwide | Bravo Asia-Shanghai | 100.0 |
| Cheil Worldwide | Cheil MEA FZ-LLC | 100.0 |
| Cheil Worldwide | Cheil South Africa Pty., Ltd. | 100.0 |
| Cheil Worldwide | CHEIL KENYA LIMITED | 99.0 |
| Cheil Worldwide | Cheil Communications Nigeria Ltd. | 99.0 |
| Cheil Worldwide | Cheil Jordan | 100.0 |
| Cheil Worldwide | Cheil Brazil Communications Ltda. | 100.0 |
| Cheil Worldwide | Cheil Mexico Inc. SA de CV | 98.0 |
| Cheil Worldwide | Cheil Rus LLC | 100.0 |
| Cheil Worldwide | Cheil Ukraine LLC | 100.0 |
| Cheil Worldwide | Cheil Kazakhstan LLC | 100.0 |
| Hotel Shilla | Samsung Hospitality America | 100.0 |
| Hotel Shilla | New Jersey Int'l M.C.Inc. | 100.0 |
| Hotel Shilla | SAMSUNG HOSPITALITY U.K. Limited | 100.0 |
| Hotel Shilla | Shilla Travel Retail Pte.Ltd | 100.0 |
| Hotel Shilla | SHILLA LIMITED Macao | 100.0 |
| Hotel Shilla | Samsung Shilla Business Service Beijing Co., Ltd. | 100.0 |
| Hotel Shilla | SHILLA LIMITED Hong Kong | 100.0 |
| SVIC #22 | RT SV CO-INVEST, LP | 99.9 |
| Cheil USA Inc. | The Barbarian Group LLC | 100.0 |
| Cheil USA Inc. | McKinney Ventures LLC | 100.0 |
| Cheil USA Inc. | Cheil India Pvt. Ltd. | 0.0 |
| Cheil USA Inc. | Cheil Mexico Inc. SA de CV | 2.0 |
| Samsung Hospitality America | Samsung Hospitality Europe GmbH | 100.0 |
| Cheil Europe Ltd. | Beattie McGuinness Bungay Limited. | 75.0 |
| Cheil Europe Ltd. | Cheil Italia S.r.l | 100.0 |
| Cheil Europe Ltd. | CHEIL SPAIN S.L | 100.0 |
| Cheil Europe Ltd. | CHEIL BENELUX B.V. | 100.0 |
| Cheil Germany GmbH | CHEIL AUSTRIA GMBH | 100.0 |
| Cheil Singapore Pte. Ltd. | PengTai Greater China Co., Ltd. | 95.0 |
| Cheil Singapore Pte. Ltd. | PT. CHEIL WORLDWIDE INDONESIA | 100.0 |
| Cheil Hong Kong Ltd. | PengTai Greater China Co., Ltd. | 3.1 |
| Cheil MEA FZ-LLC | One Agency FZ LLC | 100.0 |
| Cheil MEA FZ-LLC | One Agency Istanbul Advertisement, Communication & Production LLC | 0.0 |
| Cheil South Africa Pty., Ltd. | CHEIL KENYA LIMITED | 1.0 |
| Cheil South Africa Pty., Ltd. | Cheil Communications Nigeria Ltd. | 1.0 |
| One Agency FZ LLC | One Agency Istanbul Advertisement, Communication & Production LLC | 100.0 |
| One Agency FZ LLC | One Agency Interior Design LLC | 100.0 |
| One Agency FZ LLC | One Agency Printing LLC | 100.0 |
| One Agency FZ LLC | One Agency South Africa Pty., Ltd. | 100.0 |
| One Agency FZ LLC | One Agency Russia LLC | 99.9 |
| Cheil Rus LLC | One Agency Russia LLC | 0.1 |

 ^{(%} of Ownership; As of December 31, 2014; Based on Common shares)

C. Related Statute & Regulation

Regulatory restrictions including the restriction on cross-holdings in accordance with the Monopoly Regulation and Fair Trade Act

(1) Date of announcement by the authorities related to companies deemed as a part of Samsung Group for the current year: April 1, 2014

(2) Summary of Restrictions

- Restriction of cross-holdings
- Restriction of debt guarantee between affiliates
- Restriction of voting rights for affiliates, including financial and insurance companies
- Decision by board committee and public disclosure of large-scale related party transactions
- Public disclosure of important matters of unlisted companies
- Other public disclosures related to Company status

D. Equity Investments in other corporations

(1) The total book value of equity investments in other corporations as of December 31, 2014 is KRW 46,311 billion

[As of December 31, 2014] (Unit: 1,000 shares, KRW million, %)

| Ad | Account | Name of A | Acquisition | Objective | Acquisition | E | Beginning E | Balance | Inc | rease/Decrea | ase | ı | Ending Balance |) | Current Fina | ncial Stats |
|--------|----------|------------------------------------|-------------|------------|-------------|--------|-------------|------------|-------------|--------------|---------|--------|----------------|-----------|--------------|---------------|
| | | Company | Date | | Cost | Qty | Owners | Book Value | Acquisition | on/Disposal | Valuati | Qty | Ownership | Book | Total Asset | Net Income |
| | | | | | | Qty | hip (%) | DOOK Value | Qty | Amount | on | Qty | (%) | Value | Total Asset | (Loss) |
| | Listed | Samsung Electro- Mechanics | 1977.01 | Management | 250 | 17,693 | 23.69 | 445,244 | 0 | 0 | 0 | 17,693 | 23.69 | 445,244 | 7,185,343 | 345,692 |
| | Listed | Samsung Card | 1988.12 | Management | 10,000 | 43,393 | 37.45 | 1,455,485 | 0 | 0 | 0 | 43,393 | 37.45 | 1,455,485 | 16,560,926 | 273,232 |
| | Listed | Samsung Techwin | 1977.12 | Management | 336 | 13,527 | 25.46 | 235,638 | 0 | 0 | 0 | 13,527 | 25.46 | 235,638 | 3,434,224 | 133,039 |
| | Unlisted | STECO | 1995.06 | Business | 24,000 | 2,448 | 51.00 | 32,724 | 0 | 0 | 0 | 2,448 | 51.00 | 32,724 | 91,556 | 3,188 |
| | Unlisted | SEMES | 1992.12 | Business | 1,000 | 2,167 | 91.30 | 70,817 | 6 | 1,089 | 0 | 2,173 | 91.54 | 71,906 | 669,232 | 38,062 |
| | Unlisted | SERI | 1991.05 | Management | 320 | 3,576 | 29.80 | 24,942 | 0 | 0 | 0 | 3,576 | 29.80 | 24,942 | 123,875 | 5,014 |
| Dom | Unlisted | Samsung SDS | 1992.07 | Management | 6,160 | 17,472 | 22.58 | 560,827 | 0 | 0 | 0 | 17,472 | 22.58 | 560,827 | 5,300,100 | 325,983 |
| estic* | Unlisted | Samsung Lions | 1986.08 | Management | 240 | 55 | 27.50 | -102 | 0 | 0 | 0 | 55 | 27.50 | -102 | 65,889 | -12,166 |
| | Unlisted | Samsung Electronics Service | 1998.01 | Business | 30,000 | 6,000 | 99.33 | 48,121 | 0 | 0 | 0 | 6,000 | 99.33 | 48,121 | 335,588 | 4,363 |
| | Unlisted | MEMC Korea | 1991.12 | Management | 36,000 | 3,440 | 20.00 | 35,286 | -3,440 | -35,286 | 0 | 0 | 0.00 | 0 | 266,963 | 5,418 |
| | Unlisted | Samsung Electronics Sales | 2000.12 | Business | 3,100 | 1,767 | 100.00 | 247,523 | 0 | 0 | 0 | 1,767 | 100.00 | 247,523 | 564,361 | 4,425 |
| | Unlisted | Samsung Electronics Logitech | 1999.04 | Business | 76 | 1,011 | 100.00 | 46,669 | 0 | 0 | 0 | 1,011 | 100.00 | 46,669 | 140,733 | 3,185 |
| | Unlisted | SSLM | 2012.04 | Management | 52,296 | 4,378 | 19.99 | 0 | 0 | 0 | 0 | 4,378 | 19.99 | 0 | 191,164 | -64,194 |

^{*} Domestic account noted here reflects approved for sales securities

| | | Name of | Acquisition | | Acquisition | В | eginning Bala | ınce | Inc | rease/Decre | ease | | Ending Balan | ce | Current Fina | ncial Stats |
|--------|----------|-------------------------------|-------------|------------|-------------|---------|---------------|------------|------------|-------------|-----------|---------|--------------|------------|--------------|---------------|
| A | ccount | Company | Date | Objective | Cost | Qty | Ownership | Book | Acquisitio | n/Disposal | Valuation | Qty | Ownership | Book | Total Asset | Net Income |
| | | | | | | Qty | (%) | Value | Qty | Amount | valuation | Qty | (%) | Value | Total Asset | (Loss) |
| | Unlisted | Samsung Display | 2012.04 | Business | 16,009,547 | 221,969 | 84.78 | 18,509,307 | 0 | 0 | 0 | 221,969 | 84.78 | 18,509,307 | 35,754,894 | 2,400,779 |
| | Unlisted | SVIC #6 | 2005.07 | Business | 26,800 | 1 | 99.00 | 2,277 | 0 | 0 | 0 | 1 | 99.00 | 2,277 | 37,284 | -10,041 |
| | Unlisted | SVIC #14 | 2009.05 | Business | 18,000 | 0 | 99.00 | 0 | 0 | 0 | 0 | 0 | 99.00 | 0 | 55,465 | -1,882 |
| | Unlisted | SVIC #21 | 2011.11 | Business | 19,800 | 0 | 99.00 | 81,180 | 1 | 69,454 | 0 | 0 | 99.00 | 150,634 | 61,384 | -11,804 |
| | Unlisted | SVIC #22 | 2011.11 | Business | 19,800 | 0 | 99.00 | 102,633 | 1 | 53,163 | 0 | 0 | 99.00 | 155,796 | 93,554 | -4,497 |
| | Unlisted | SVIC #26 | 2014.11 | Business | 19,800 | 0 | 0.00 | 0 | 0 | 19,800 | 0 | 0 | 99.00 | 19,800 | 0 | 0 |
| | Unlisted | SVIC #27 | 2014.09 | Business | 5,940 | 0 | 0.00 | 0 | 0 | 5,940 | 0 | 0 | 99.00 | 5,940 | 0 | 0 |
| | Unlisted | World Cyber Games | 2003.12 | Business | 1 | 450 | 47.60 | 0 | -450 | 0 | 0 | 0 | 0.00 | 0 | 2,234 | 486 |
| Dom | Unlisted | Suwon Samsung Bluewings FC | 2008.12 | Business | 2,000 | 400 | 100.00 | 2,000 | -400 | -2,000 | 0 | 0 | 0.00 | 0 | 4,115 | -26 |
| estic* | Unlisted | Samsung Medison | 2011.02 | Business | 286,384 | 87,350 | 68.45 | 477,648 | 0 | 0 | 0 | 87,350 | 68.45 | 477,648 | 309,321 | 28,856 |
| | Unlisted | Samsung BioLogics | 2011.04 | Management | 30,000 | 5,058 | 42.55 | 244,665 | 4,240 | 167,400 | 0 | 9,298 | 45.65 | 412,065 | 653,426 | -140,762 |
| | Unlisted | Intellectual Discovery | 2011.05 | Management | 5,000 | 1,784 | 15.71 | 5,241 | 0 | 0 | 0 | 1,784 | 15.71 | 5,241 | 48,125 | 12,619 |
| | Listed | Samsung Heavy Industries | 1977.09 | Management | 125 | 40,676 | 17.61 | 1,547,708 | 0 | 0 | -736,229 | 40,676 | 17.61 | 811,479 | 17,427,147 | 632,205 |
| | Listed | Samsung Fine Chemicals | 1995.05 | Management | 1,346 | 2,165 | 8.39 | 96,449 | 0 | 0 | -25,654 | 2,165 | 8.39 | 70,795 | 1,900,118 | 3,340 |
| | Listed | Hotel Shilla | 1979.12 | Management | 252 | 2,005 | 5.11 | 133,314 | 0 | 0 | 49,917 | 2,005 | 5.11 | 183,231 | 1,712,071 | 10,810 |
| | Listed | Cheil Worldwide | 1988.09 | Management | 185 | 2,999 | 2.61 | 82,465 | 11,500 | 221,021 | -54,108 | 14,499 | 12.60 | 249,378 | 1,704,531 | 102,269 |
| | Listed | A-Tech Solution | 2009.11 | Management | 26,348 | 1,592 | 15.92 | 9,568 | 0 | 0 | -1,990 | 1,592 | 15.92 | 7,578 | 181,148 | -1,340 |

X Domestic account noted here reflects approved for sales securities

| | | Name of | Acquisition | | Aconicition | В | eginning Balan | ce | Inc | crease/Decr | ease | | Ending Balan | ice | Current F Sta | |
|--------|----------|----------------------------------|-------------|------------|---------------------|-------|------------------|---------------|-------|-----------------------------|-----------|--------|---------------|------------|------------------|-------------------------|
| A | ccount | Company | Date | Objective | Acquisition Cost | Qty | Ownership (%) | Book Value | | isition/ posal Amount | Valuation | Qty | Ownership (%) | Book Value | Total Asset | Net Income (Loss) |
| | Listed | iMarket Korea | 2000.12 | Management | 1,900 | 647 | 1.80 | 16,668 | 0 | Amount 0 | 1,716 | 647 | 1.80 | 18,384 | 791,733 | 38,557 |
| | Listed | iivanct norca | 2000.12 | Wanagement | 1,000 | 047 | 1.00 | 10,000 | • | | 1,710 | 011 | 1.00 | 10,004 | 701,700 | 00,007 |
| | Listed | KT Skylife | 2001.12 | Management | 3,344 | 240 | 0.50 | 7,092 | 0 | 0 | -2,688 | 240 | 0.50 | 4,404 | 684,444 | 72,724 |
| | Listed | Samsung SDI | 1977.01 | Management | 304 | 9,283 | 20.38 | 874,079 | 4,180 | 1,306,874 | -619,283 | 13,463 | 19.58 | 1,561,670 | 10,555,671 | 147,916 |
| | Listed | Cheil Industries | 2014.06 | Management | 312,380 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 4,987,794 | 255,032 |
| | Unlisted | Samsung Petrochemical | 1978.01 | Management | 100 | 514 | 12.96 | 80,347 | -514 | -80,347 | 0 | 0 | 0.00 | 0 | 883,798 | -42,180 |
| | Unlisted | Samsung General Chemicals | 1988.07 | Management | 1,500 | 1,914 | 3.91 | 80,653 | 1,103 | 48,257 | -28,859 | 3,017 | 5.29 | 100,051 | 1,597,400 | 205,314 |
| | Unlisted | Kihyup Technology Banking | 1995.01 | Management | 5,000 | 1,000 | 17.24 | 5,000 | 0 | 0 | 0 | 1,000 | 17.24 | 5,000 | 85,615 | 691 |
| Dom | Unlisted | Pusan Newport | 1997.09 | Management | 590 | 1,135 | 0.98 | 5,677 | 0 | 0 | 0 | 1,135 | 0.98 | 5,677 | 682,137 | 35,726 |
| estic* | Unlisted | The Korea Economic Daily | 1987.05 | Management | 150 | 72 | 0.39 | 365 | 0 | 0 | 0 | 72 | 0.39 | 365 | 221,876 | 12,938 |
| | Unlisted | Brooks Automation Asia | 1999.06 | Management | 1,097 | 219 | 19.00 | 368 | -219 | -368 | 0 | 0 | 0.00 | 0 | 4,279 | 294 |
| | Unlisted | Samsung Venture Investment | 1999.11 | Management | 4,900 | 980 | 16.33 | 7,021 | 0 | 0 | -435 | 980 | 16.33 | 6,586 | 64,049 | 2,575 |
| | Unlisted | Cyber Bank | 2000.12 | Management | 8,000 | 1,083 | 7.46 | 0 | 0 | 0 | 0 | 1,083 | 7.46 | 0 | 0 | 0 |
| | Unlisted | FineChips | 2001.12 | Management | 10 | 2 | 3.81 | 10 | 0 | 0 | 0 | 2 | 3.81 | 10 | 3,231 | 361 |
| | Unlisted | SK Telink | 2010.11 | Management | 4,357 | 15 | 1.13 | 4,357 | 0 | 0 | 0 | 15 | 1.13 | 4,357 | 253,332 | 16,093 |
| | Unlisted | Inkel | 2006.11 | Management | 130 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 153,629 | 974 |
| | Unlisted | Yongpyong Resort | 2007.05 | Management | 1,869 | 400 | 1.05 | 1,869 | 0 | 0 | 0 | 400 | 1.05 | 1,869 | 734,627 | 12,019 |

^{*} Domestic account noted here reflects approved for sales securities

| Δ | ccount | Name of Company | Acquisition | Objective | Acquisition | E | Beginning Bala | ance | lr | crease/Decrea | ase | Er | iding Balance | | Current St | Financial ats |
|---------------|----------|--------------------------------|-------------|---------------------|-------------|-----|----------------|------------|-----------------|-----------------------|-----------|-----|---------------|---------------|----------------|-------------------------|
| 7.0 | CCOUNT | Name of Company | Date | Objective | Cost | Qty | Ownership (%) | Book Value | Acquisition Qty | on/Disposal Amount | Valuation | Qty | Ownership (%) | Book Value | Total Asset | Net Income (Loss) |
| | Unlisted | E-SCOM | 2007.12 | Management | 0 | 0 | 0.01 | 0 | 0 | 0 | 0 | 0 | 0.01 | 0 | 14,329 | -7,482 |
| | Unlisted | TGSambo | 2012.09 | Management | 0 | 0 | 0.01 | 0 | 0 | 0 | 0 | 0 | 0.01 | 0 | 37,940 | 1,467 |
| | Unlisted | Icube #1 | 2009.12 | Management | 4,000 | 0 | 16.23 | 4,000 | 0 | 0 | 0 | 0 | 16.23 | 4,000 | 24,399 | 97 |
| | Unlisted | KT Wibro | 2010.07 | Management | 60,000 | 600 | 24.20 | 60,000 | 0 | 0 | 0 | 600 | 24.20 | 60,000 | 262,713 | 3,169 |
| | Unlisted | Shinsung Eng & Construction | 2010.07 | Management | 1 | 1 | 0.01 | 0 | -1 | 0 | 0 | 0 | 0.01 | 0 | 61,878 | 3,281 |
| | Unlisted | Woobang | 2010.07 | Management | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 171,444 | 1,109 |
| | Unlisted | Heehoon Design & Global | 2010.07 | Management | 0 | 2 | 0.02 | 0 | 0 | 0 | 0 | 2 | 0.02 | 0 | 42,516 | -8,168 |
| | Unlisted | Daewoo Development | 2012.12 | Management | 0 | 0 | 0.02 | 0 | 0 | 0 | 0 | 0 | 0.02 | 0 | 153,402 | -51,563 |
| | Unlisted | Daewoo Songdo Development | 2012.12 | Management | 0 | 9 | 0.02 | 0 | 0 | 0 | 0 | 9 | 0.02 | 0 | 1,217,768 | -267,694 |
| Dome stic* | Unlisted | Zyle Motor Sales | 2012.12 | Management | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 318,071 | -369 |
| | Unlisted | Woojung Construction | 2014.04 | Withdrawal | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 5 | 0.35 | 0 | 23,920 | -6,902 |
| | Unlisted | Hyunjin | 2014.04 | Withdrawal | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 23 | 0.25 | 0 | 47,994 | 1,579 |
| | Unlisted | Sungwon Construction | 2014.04 | Withdrawal | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0.03 | 0 | 35,318 | -18,343 |
| | Unlisted | Inhee | 2014.04 | Withdrawal | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0.17 | 0 | 15,780 | -942 |
| | Unlisted | Samsung Solution | 2014.04 | Withdrawal | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 6.70 | 0 | 11,713 | 173 |
| | Unlisted | STX Construction | 2014.04 | Withdrawal | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0.01 | 0 | 247,859 | -443,500 |
| | Unlisted | Poonglim | 2014.05 | Withdrawal | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 52 | 0.37 | 0 | 512,015 | 72,350 |
| | Unlisted | SamGong Development | 2014.10 | debt-equity swap | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.09 | 0 | 181,532 | 628 |

X Domestic account noted here reflects approved for sales securities

| A | ooo.unt | Name of Company | Acquisition | Ohioativa | Acquisition | E | Beginning Balar | nce | In | crease/Decre | ase | | Ending Baland | ce | Current F Sta | |
|------------|----------|--|-------------|------------|-------------|--------|-----------------|--------|-------------|--------------|-----------|--------|---------------|--------|------------------|---------------|
| A | ccount | Name of Company | Date | Objective | Cost | Qty | Ownership | Book | Acquisition | on/Disposal | Valuation | Qty | Ownership | Book | Total | Net Income |
| | | | | | | Qty | (%) | Value | Qty | Amount | Valuation | Qty | (%) | Value | Asset | (Loss) |
| | Unlisted | JNT | 2011.02 | Investment | 1,800 | 0 | 24.00 | 3,360 | 0 | 0 | 0 | 0 | 24.00 | 3,360 | 13,647 | -310 |
| | Unlisted | SV | 2011.02 | Investment | 1,850 | 0 | 14.80 | 3,403 | 0 | 0 | 0 | 0 | 14.85 | 3,403 | 19,873 | -1,730 |
| | Unlisted | Seoul Investment Partners | 2011.10 | Investment | 1,550 | 0 | 19.40 | 3,047 | 0 | -175 | 0 | 0 | 19.38 | 2,872 | 15,778 | 1,257 |
| | Unlisted | Daishin Aju IB | 2011.08 | Investment | 258 | 0 | 3.00 | 2,277 | 0 | -380 | 0 | 0 | 3.00 | 1,898 | 68,934 | 2,235 |
| | Unlisted | TS | 2011.11 | Investment | 1,700 | 0 | 20.48 | 3,400 | 0 | -718 | 0 | 0 | 20.32 | 2,682 | 17,032 | 745 |
| | Unlisted | IMM | 2011.11 | Investment | 760 | 0 | 7.60 | 2,489 | 0 | 805 | 0 | 0 | 7.60 | 3,294 | 34,792 | 1,512 |
| Dome stic* | Unlisted | L&S | 2012.07 | Investment | 848 | 0 | 8.10 | 1,687 | 0 | 1,161 | 0 | 0 | 7.46 | 2,848 | 23,610 | 1,871 |
| | Unlisted | Taewon Electric | 2012.04 | Management | 16,544 | 9 | 15.00 | 17,072 | 36 | 0 | 22 | 45 | 15.00 | 17,094 | 82,347 | 5,386 |
| | Unlisted | Pantech | 2013.06 | Business | 53,000 | 53,000 | 10.03 | 53,053 | 0 | 0 | -53,053 | 53,000 | 10.03 | 0 | 714,097 | -619,909 |
| | Unlisted | KTCNP-GC | 2013.12 | Business | 960 | 0 | 3.00 | 960 | 0 | -42 | 0 | 0 | 3.56 | 918 | 25,578 | -1,591 |
| | Listed | Wonik IPS | 2013.12 | Business | 31,625 | 3,610 | 4.48 | 30,975 | 0 | 0 | 19,386 | 3,610 | 4.48 | 50,361 | 590,142 | 37,354 |
| | Unlisted | Postech Technology Investment | 2013.12 | Business | 600 | 0 | 10.00 | 600 | 0 | 0 | 0 | 0 | 10.00 | 600 | 118,613 | 3,514 |
| | Unlisted | High Pioneer Private Investment Trust #1 | 2011.09 | Business | 29,244 | 0 | 100.00 | 19,470 | 0 | 0 | 0 | 0 | 100.00 | 19,470 | 19,189 | -303 |

X Domestic account noted here reflects approved for sales securities

| ٨ | ccount | Name of | Acquisition | Objective | Acquisition | Ве | eginning Balance | e | Incr | ease/Decr | ease | En | ding Balance | } | Current Fir Stats | |
|--------|----------|----------------|-------------|----------------------|-------------|------------|------------------|-----------|------------|------------|-----------|------------|--------------|-----------|----------------------|---------------|
| AC | Count | Company | Date | Objective | Cost | Qty | Ownership | Book | Acquisitio | n/Disposal | Valuation | Qty | Ownership | Book | Total Asset | Net Income |
| | | | | | | Qty | (%) | Value | Qty | Amount | Valuation | Qty | (%) | Value | 10101710001 | (Loss) |
| | Unlisted | SECA | 1992.08 | Position Security | 3,823 | 0 | 100.00 | 90,922 | 0 | 0 | 0 | 0 | 100.00 | 90,922 | 522,775 | 48,920 |
| | Unlisted | SEA | 1978.07 | Position Security | 59,362 | 492 | 100.00 | 4,861,334 | 0 | 166,546 | 0 | 492 | 100.00 | 5,027,880 | 11,316,048 | 56,864 |
| | Unlisted | SELA | 1989.04 | Position Security | 319 | 40 | 100.00 | 86,962 | 0 | 0 | 0 | 40 | 100.00 | 86,962 | 375,274 | -26,800 |
| | Unlisted | SEM | 1995.07 | Position Security | 3,032 | 3,173 | 63.58 | 111,697 | 664 | 53,941 | 0 | 3,837 | 63.58 | 165,638 | 1,554,638 | 10,689 |
| | Unlisted | SEASA | 1996.06 | Position Security | 4,696 | 21,854 | 98.00 | 6,779 | 0 | 0 | 0 | 21,854 | 98.00 | 6,779 | 49,454 | 6,353 |
| | Unlisted | SEDA | 1994.01 | Position Security | 13,224 | 62,816,336 | 87.04 | 577,483 | 0 | 0 | 0 | 62,816,336 | 87.04 | 577,483 | 3,429,136 | 914,548 |
| | Unlisted | SECH | 2002.12 | Position Security | 597 | 0 | 4.10 | 597 | 0 | 0 | 0 | 0 | 4.10 | 597 | 492,709 | 28,128 |
| | Unlisted | Nvelo, Inc. | 2012.12 | Position Security | 42,892 | 100 | 100.00 | 42,892 | 0 | 0 | 0 | 100 | 100.00 | 42,892 | 1,519 | 246 |
| Int'l* | Unlisted | CMLA LLC | 2008.02 | Management | 654 | 0 | 25.00 | 4,115 | 0 | 0 | 0 | 0 | 25.00 | 4,115 | 10,084 | -728 |
| | Unlisted | SESA | 1989.01 | Position Security | 3,276 | 8,021 | 100.00 | 142,091 | 0 | 0 | 0 | 8,021 | 100.00 | 142,091 | 783,438 | 57,386 |
| | Unlisted | SENA | 1992.03 | Position Security | 392 | 1,000 | 100.00 | 69,372 | 0 | 0 | 0 | 1,000 | 100.00 | 69,372 | 533,252 | 39,394 |
| | Unlisted | SEH | 1991.05 | Position Security | 1,954 | 753 | 100.00 | 650,157 | 0 | 0 | 0 | 753 | 100.00 | 650,157 | 1,249,691 | 103,658 |
| | Unlisted | SEP | 1982.09 | Position Security | 204 | 1,751 | 100.00 | 37,616 | 0 | 0 | 0 | 1,751 | 100.00 | 37,616 | 132,631 | 8,139 |
| | Unlisted | SEF | 1991.08 | Position Security | 230 | 2,700 | 100.00 | 234,115 | 0 | 0 | 0 | 2,700 | 100.00 | 234,115 | 1,157,900 | 127,155 |
| | Unlisted | SEUK | 1995.07 | Position Security | 33,908 | 109,546 | 100.00 | 433,202 | 0 | 0 | 0 | 109,546 | 100.00 | 433,202 | 1,393,507 | 92,969 |
| | Unlisted | SEHG | 1982.02 | Position Security | 28,042 | 0 | 100.00 | 354,846 | 0 | 0 | 0 | 0 | 100.00 | 354,846 | 886,338 | 122,818 |

X International account noted here reflects approved for sales securities

| ٨٥ | Account Name of Acquisitio Object | | Objective | Acquisition | В | eginning Bala | ince | In | crease/Decre | ease | Е | inding Baland | е | Current Financial Stats | | |
|--------|-----------------------------------|-------|-----------|-------------------|--------|---------------|-----------|-----------|--------------|-------------|-----------|---------------|-----------|----------------------------|-----------|---------------|
| AC | | | n Date | Objective | Cost | Qty | Ownership | Book | Acquisiti | on/Disposal | Valuation | Qty | Ownership | Book | Total | Net Income |
| | | | | | | Qty | (%) | Value | Qty | Amount | Valuation | Qty | (%) | Value | Asset | (Loss) |
| | Unlisted | SEAG | 2002.01 | Position Security | 40 | 0 | 100.00 | 32,162 | 0 | 0 | 0 | 0 | 100.00 | 32,162 | 323,756 | 17,845 |
| | Unlisted | SEI | 1993.05 | Position Security | 862 | 677 | 100.00 | 143,181 | 0 | 0 | 0 | 677 | 100.00 | 143,181 | 1,004,423 | 70,337 |
| | Unlisted | SEBN | 1995.07 | Position Security | 236 | 500,285 | 100.00 | 860,716 | 30,304 | 43,592 | 0 | 530,589 | 100.00 | 904,308 | 1,290,124 | 25,233 |
| | Unlisted | SELS | 1991.05 | Position Security | 18,314 | 1,306 | 100.00 | 24,288 | 0 | 0 | 0 | 1,306 | 100.00 | 24,288 | 1,903,892 | 7,613 |
| | Unlisted | SEPOL | 1996.04 | Position Security | 5,462 | 106 | 100.00 | 78,267 | 0 | 0 | 0 | 106 | 100.00 | 78,267 | 557,370 | 41,945 |
| | Unlisted | SSA | 1998.12 | Position Security | 263 | 2,000 | 100.00 | 32,622 | 0 | 0 | 0 | 2,000 | 100.00 | 32,622 | 787,562 | 87,809 |
| | Unlisted | SESK | 2002.06 | Position Security | 8,976 | 0 | 55.68 | 263,767 | 0 | 0 | 0 | 0 | 55.68 | 263,767 | 1,764,078 | 140,825 |
| l 471* | Unlisted | SEEH | 2008.01 | Position Security | 4,214 | 0 | 100.00 | 1,304,648 | 0 | 65,344 | 0 | 0 | 100.00 | 1,369,992 | 5,780,302 | -28,769 |
| Int'l* | Unlisted | SEO | 1997.01 | Position Security | 120 | 0 | 100.00 | -10,043 | 0 | 0 | 0 | 0 | 100.00 | -10,043 | 173,644 | -352 |
| | Unlisted | SRSC | 1997.11 | Position Security | 707 | 0 | 100.00 | 8,211 | 0 | 0 | 0 | 0 | 100.00 | 8,211 | 41,567 | 3,546 |
| | Unlisted | SERC | 2006.01 | Position Security | 24,877 | 0 | 100.00 | 180,079 | 0 | 0 | 0 | 0 | 100.00 | 180,079 | 1,410,054 | -11,137 |
| | Unlisted | SERK | 2007.07 | Position Security | 4,600 | 0 | 100.00 | 204,555 | 0 | 0 | 0 | 0 | 100.00 | 204,555 | 1,122,495 | 69,837 |
| | Unlisted | SEAU | 1987.11 | Position Security | 392 | 53,200 | 100.00 | 111,964 | 0 | 0 | 0 | 53,200 | 100.00 | 111,964 | 578,624 | 31,998 |
| | Unlisted | SEMA | 1989.09 | Position Security | 4,378 | 16,247 | 100.00 | 153,602 | 0 | 0 | 0 | 16,247 | 100.00 | 153,602 | 277,354 | 33,000 |
| | Unlisted | SGE | 1995.05 | Position Security | 827 | 0 | 100.00 | 32,836 | 0 | 0 | 0 | 0 | 100.00 | 32,836 | 1,071,694 | -13,157 |
| | Unlisted | SEEG | 2012.07 | Position Security | 23 | 0 | 0.05 | 39 | 0 | 0 | 0 | 0 | 0.05 | 39 | 251,866 | -11,788 |

^{*} International account noted here reflects approved for sales securities

| ٨٥ | Account Name of Acquisitio Company n Date | | Objective | Acquisition | В | eginning Bala | ince | Inc | rease/Decre | ase | Ending Balance | | | Current Financial Stats | | |
|--------|---|--------|-----------|-------------------|--------|---------------|-----------|---------|-------------|------------|----------------|---------|-----------|-------------------------|-----------|---------------|
| AC | | | n Date | Objective | Cost | Qty | Ownership | Book | Acquisition | n/Disposal | Valuation | Qty | Ownership | Book | Total | Net Income |
| | | | | | | Qty | (%) | Value | Qty | Amount | valuation | Qty | (%) | Value | Asset | (Loss) |
| | Unlisted | SEIN | 1991.08 | Position Security | 7,463 | 46 | 99.99 | 118,909 | 0 | 0 | 0 | 46 | 99.99 | 118,909 | 647,199 | 141,290 |
| | Unlisted | SDMA | 1995.03 | Position Security | 21,876 | 71,400 | 75.00 | 244,382 | 0 | 0 | 0 | 71,400 | 75.00 | 244,382 | 814,820 | 70,830 |
| | Unlisted | SIEL | 1995.08 | Position Security | 5,414 | 216,787 | 100.00 | 75,263 | 0 | 0 | 0 | 216,787 | 100.00 | 75,263 | 1,924,832 | 324,171 |
| | Unlisted | SRI-B | 2005.05 | Position Security | 7,358 | 17 | 100.00 | 31,787 | 0 | 0 | 0 | 17 | 100.00 | 31,787 | 147,900 | 20,316 |
| | Unlisted | SAVINA | 1995.01 | Position Security | 5,839 | 0 | 100.00 | 28,365 | 0 | 0 | 0 | 0 | 100.00 | 28,365 | 175,780 | 18,173 |
| | Unlisted | TSE | 1988.01 | Position Security | 1,390 | 11,020 | 91.83 | 279,163 | 0 | 0 | 0 | 11,020 | 91.83 | 279,163 | 1,476,296 | 222,389 |
| | Unlisted | STE | 1996.01 | Position Security | 4,206 | 2,499 | 49.00 | 4,474 | 0 | 0 | 0 | 2,499 | 49.00 | 4,474 | 23,979 | -7 |
| Int'l* | Unlisted | SME | 2003.05 | Position Security | 4,796 | 17,100 | 100.00 | 7,644 | 0 | 0 | 0 | 17,100 | 100.00 | 7,644 | 814,104 | 36,427 |
| Inti | Unlisted | SAPL | 2006.07 | Position Security | 793 | 741,378 | 100.00 | 870,623 | 0 | 0 | 0 | 741,378 | 100.00 | 870,623 | 2,425,585 | 674,510 |
| | Unlisted | SEHK | 1988.09 | Position Security | 349 | 274,250 | 100.00 | 79,033 | 0 | 0 | 0 | 274,250 | 100.00 | 79,033 | 1,188,620 | 37,977 |
| | Unlisted | SET | 1994.11 | Position Security | 456 | 27,270 | 100.00 | 112,949 | 0 | 0 | 0 | 27,270 | 100.00 | 112,949 | 1,390,404 | 30,802 |
| | Unlisted | SESS | 1994.12 | Position Security | 18,875 | 0 | 100.00 | 483,923 | 0 | 20,390 | 0 | 0 | 100.00 | 504,313 | 660,374 | 64,362 |
| | Unlisted | SCIC | 1996.03 | Position Security | 23,253 | 0 | 100.00 | 617,941 | 0 | 0 | 0 | 0 | 100.00 | 617,941 | 8,406,438 | 743,369 |
| | Unlisted | SEHZ | 1992.12 | Position Security | 792 | 0 | 89.56 | 255,535 | 0 | 0 | 0 | 0 | 89.56 | 255,535 | 4,599,200 | 1,012,728 |
| | Unlisted | SSEC | 1995.04 | Position Security | 32,128 | 0 | 69.06 | 130,551 | 0 | 0 | 0 | 0 | 69.06 | 130,551 | 645,699 | 67,668 |
| | Unlisted | TSEC | 1993.04 | Position Security | 15,064 | 0 | 48.20 | 138,101 | 0 | 0 | 0 | 0 | 48.20 | 138,101 | 907,752 | 155,258 |

X International account noted here reflects approved for sales securities

| | Account Name of Acquisition | | | Acquisition | ı | Beginning Bala | nce | In | crease/De | crease | | Ending Balan | ce | Current F Sta | | |
|--------|-----------------------------|-------------------------|---------|----------------------|---------|----------------|-----------|------------|-----------|--------------------|-----------|--------------|----------|------------------|-----------|---------------|
| A | ccount | Company | Date | Objective | Cost | Qty | Ownership | Book Value | | uisition/ posal | Valuation | Qty | Ownershi | Book | Total | Net Income |
| | | | | | | Qty | (%) | Dook value | Qty | Amount | Valuation | Qty | p (%) | Value | Asset | (Loss) |
| | Unlisted | SSDP | 1993.08 | Position Security | 4,446 | 0 | 87.10 | 65,319 | 0 | 0 | 0 | 0 | 87.10 | 65,319 | 761,018 | 94,541 |
| | Unlisted | TSTC | 2001.03 | Position Security | 10,813 | 0 | 90.00 | 490,041 | 0 | 0 | 0 | 0 | 90.00 | 490,041 | 2,939,027 | 767,822 |
| | Unlisted | SSTC | 2001.11 | Position Security | 15,799 | 0 | 100.00 | -1,186 | 0 | 0 | 0 | 0 | 100.00 | -1,186 | 1,411 | -4,958 |
| | Unlisted | SSET | 2002.02 | Position Security | 6,009 | 0 | 60.00 | 121,624 | 0 | 0 | 0 | 0 | 95.00 | 121,624 | 88,698 | 7,122 |
| | Unlisted | SESC | 2002.09 | Position Security | 5,471 | 0 | 73.70 | 34,028 | 0 | 0 | 0 | 0 | 73.70 | 34,028 | 846,670 | 58,194 |
| | Unlisted | SSS | 2001.01 | Position Security | 1,200 | 0 | 100.00 | 19,189 | 0 | 0 | 0 | 0 | 100.00 | 19,189 | 1,310,109 | 130,082 |
| | Unlisted | SEHF | 2004.04 | Position Security | 17,204 | 0 | 100.00 | 85,088 | 0 | 0 | -31,219 | 0 | 100.00 | 53,869 | 111,367 | -7,855 |
| Int'I* | Unlisted | SSCR | 2006.09 | Position Security | 3,405 | 0 | 100.00 | 9,332 | 0 | 0 | 0 | 0 | 100.00 | 9,332 | 18,982 | 1,874 |
| IIILI | Unlisted | TSOE | 2010.04 | Position Security | 33,837 | 167,199 | 82.00 | 93,154 | 0 | 0 | 0 | 167,199 | 82.00 | 93,154 | 241,957 | 34,236 |
| | Unlisted | TSLED | 2012.04 | Position Security | 119,519 | 0 | 100.00 | 119,519 | 0 | 0 | 0 | 0 | 100.00 | 119,519 | 457,896 | 15,570 |
| | Unlisted | SCS | 2012.09 | Position Security | 111,770 | 0 | 100.00 | 2,538,826 | 0 | 173,270 | 0 | 0 | 100.00 | 2,712,096 | 3,752,682 | -40,537 |
| | Unlisted | SJC | 1975.12 | Position Security | 273 | 1,560 | 100.00 | 370,647 | 0 | 0 | 0 | 1,560 | 100.00 | 370,647 | 1,174,832 | 2,866 |
| | Unlisted | SRJ | 1992.08 | Position Security | 3,120 | 122 | 100.00 | 117,257 | 0 | 0 | 0 | 122 | 100.00 | 117,257 | 181,723 | 4,905 |
| | Unlisted | TSST Japan | 2004.03 | Management | 1,639 | 0 | 49.03 | 11,137 | 30 | 40,260 | -51,397 | 30 | 49.03 | 0 | 169,322 | -41,875 |
| | Unlisted | SDIB | 1996.09 | Management | 3,110 | 586 | 0.08 | 0 | 0 | 0 | 0 | 586 | 0.08 | 0 | 49,372 | 10,088 |
| | Unlisted | Semiconductor Portal | 2002.12 | Management | 38 | 0 | 1.21 | 10 | 0 | 0 | 0 | 0 | 1.21 | 10 | 1,724 | 2,141 |

X International account noted here reflects approved for sales securities

| | Name of Acquisition Objective | | Beginning Balanc | | lance | Increase/Decrease | | | Ending Balance | | | Current Financial Stats | | | | |
|--------|-------------------------------|------------------|------------------|------------|---------|-------------------|-----------|------------|----------------|-------------------|-----------|-------------------------|------------------|------------|-----------|---------------|
| Ac | count | Company | Date | Objective | Cost | Qty | Ownership | Book Value | | isition/ oosal | Valuation | Qty | Ownership (%) | Book Value | Total | Net Income |
| | | | | | | , | (%) | | Qty | Amount | | , | (76) | | Asset | (Loss) |
| | Unlisted | FTS | 2008.12 | Management | 1,952 | 116 | 41.50 | 563 | 0 | 0 | 0 | 116 | 41.50 | 563 | 2,710 | 406 |
| | Unlisted | Nanosys Inc. | 2010.08 | Management | 4,774 | 1,747 | 1.67 | 2,387 | 0 | 0 | 0 | 1,747 | 1.67 | 2,387 | 22,159 | 857 |
| | Unlisted | ONE BLUE LLC | 2011.07 | Management | 1,766 | 0 | 16.67 | 1,766 | 0 | 0 | 0 | 0 | 16.67 | 1,766 | 33,803 | 875 |
| | Unlisted | TidalScale | 2013.08 | Management | 1,112 | 2,882 | 18.98 | 1,112 | 0 | 0 | 0 | 2,882 | 18.98 | 1,112 | 1,214 | -1,948 |
| | Listed | SSL | 2014.05 | Business | 37,553 | 0 | 0.00 | 0 | 2,426 | 37,553 | 11,958 | 2,426 | 5.84 | 49,511 | - | - |
| Int'I* | Unlisted | Mantis Vision | 2014.01 | Business | 1,594 | 0 | 0.00 | 0 | 301 | 1,594 | 0 | 301 | 3.53 | 1,594 | 3,236 | -4,186 |
| | Unlisted | INEDA | 2014.04 | Business | 3,181 | 0 | 0.00 | 0 | 3,918 | 3,181 | 0 | 3,918 | 5.55 | 3,181 | 9,878 | 2,955 |
| | Unlisted | Leman | 2014.08 | Business | 1,019 | 0 | 0.00 | 0 | 17 | 1,019 | 0 | 17 | 3.91 | 1,019 | 1,630 | -1,495 |
| | Unlisted | Alces | 2014.09 | Business | 4,832 | 0 | 0.00 | 0 | 421 | 4,832 | 0 | 421 | 19.95 | 4,832 | 799 | -738 |
| | Listed | Rambus | 2010.01 | Business | 185,363 | 4,788 | 4.34 | 47,851 | 0 | 0 | 10,517 | 4,788 | 4.19 | 58,368 | 752,829 | -36,931 |
| | Listed | SEAGATE | 2011.12 | Business | 788,454 | 12,539 | 3.80 | 743,161 | 0 | 0 | 173,436 | 12,539 | 3.80 | 916,597 | 9,754,138 | 2,011,378 |
| | Total | | 18,975,679 | | | 45,261,470 | 54,211 | 2,387,172 | -1,337,965 | | | 46,310,677 | | | | |

^{*} International account noted here reflects approved for sales securities * Based on separate financial statements

^{*} Ownership is calculated based on common share

X. Related Party Transactions

1. Credit Offerings for Affiliates and Subsidiaries

A. Details on Debt Guarantee (as at December 31, 2014)

- Domestic: N/A

- Overseas:

(Unit: USD thousand)

| | | | Cuarantee Evniru | | Transa | ections | | Limit of |
|---------|--------------|-----------------------|--------------------------|---------------------|----------|-----------|---------------|-----------|
| Company | Relationship | Creditor | Guarantee Expiry Date | Beginning of period | Increase | Decrease | End of period | Guarantee |
| SEA | Subsidiary | SMBC, etc. | 2017-04-10 | 2,840,000 | 0 | 1,840,000 | 1,000,000 | 2,425,000 |
| SECA | Subsidiary | Nova Scotia | 2015-10-10 | 0 | 0 | 0 | 0 | 15,000 |
| SEM | Subsidiary | Santander, etc. | 2015-12-16 | 314,620 | 33,660 | 0 | 348,280 | 676,000 |
| SAMCOL | Subsidiary | Citibank, etc. | 2015-12-16 | 34,050 | 33,483 | 0 | 67,533 | 126,000 |
| SEDA | Subsidiary | HSBC, etc. | 2015-12-17 | 257,366 | 0 | 257,366 | 0 | 909,000 |
| SECH | Subsidiary | Citibank, etc. | 2015-12-16 | 49,400 | 4,932 | 0 | 54,332 | 178,000 |
| SEPR | Subsidiary | BBVA, etc. | 2015-12-16 | 63,688 | 0 | 970 | 62,718 | 180,000 |
| SELA | Subsidiary | Citibank | 2015-12-16 | 0 | 0 | 0 | 0 | 30,000 |
| SEEH | Subsidiary | HSBC, etc. | 2015-12-16 | 0 | 0 | 0 | 0 | 897,000 |
| SSA | Subsidiary | Citibank, etc. | 2015-12-16 | 64,729 | 96,366 | 0 | 161,095 | 335,000 |
| SEMRC | Subsidiary | SocGen, etc. | 2015-12-16 | 22,157 | 0 | 16,333 | 5,824 | 110,000 |
| SETK | Subsidiary | BTMU, etc. | 2015-12-16 | 150,784 | 0 | 64,907 | 85,877 | 420,000 |
| SERK | Subsidiary | BNP, etc. | 2015-12-16 | 0 | 0 | 0 | 0 | 370,000 |
| SEI | Subsidiary | Intesa | 2014-10-31 | 550 | 0 | 550 | 0 | 0 |
| SECE | Subsidiary | Citibank, etc. | 2015-12-16 | 10,400 | 0 | 10,400 | 0 | 105,000 |
| SEUC | Subsidiary | Credit Agricole, etc. | 2015-12-16 | 16,920 | 0 | 16,920 | 0 | 175,000 |
| SELV | Subsidiary | Citibank | 2015-12-16 | 0 | 0 | 0 | 0 | 10,000 |
| SAPL | Subsidiary | BOA, etc. | 2015-12-16 | 0 | 0 | 0 | 0 | 505,621 |
| SEV | Subsidiary | SCB | 2015-11-08 | 0 | 0 | 0 | 0 | 15,000 |
| SAVINA | Subsidiary | SCB, etc. | 2015-11-08 | 0 | 0 | 0 | 0 | 30,000 |
| SEEG | Subsidiary | HSBC | 2015-06-13 | 3,000 | 0 | 3,000 | 0 | 50,000 |
| SEPCO | Subsidiary | BOA | 2015-11-08 | 54,225 | 0 | 44,846 | 9,379 | 9,379 |
| SET | Subsidiary | SCB | 2015-11-08 | 0 | 0 | 0 | 0 | 30,000 |
| SEIN | Subsidiary | BNP, etc. | 2015-11-08 | 16,400 | 0 | 16,400 | 0 | 140,000 |
| SCIC | Subsidiary | HSBC, etc. | 2015-12-16 | 0 | 0 | 0 | 0 | 200,000 |
| SJC | Subsidiary | Mizuho Bank, etc. | 2015-12-16 | 285,600 | 0 | 73,718 | 211,882 | 891,397 |
| SRJ | Subsidiary | SMBC | 2016-02-28 | 26,085 | 0 | 5,157 | 20,928 | 20,928 |
| SEDAM | Subsidiary | Citibank, etc. | 2015-12-16 | 54,315 | 62,412 | 0 | 116,727 | 441,000 |
| SME | Subsidiary | SCB | 2015-11-08 | 0 | 0 | 0 | 0 | 120,000 |
| SAMEX | Subsidiary | Citibank | 2015-12-16 | 0 | 0 | 0 | 0 | 5,000 |
| SEASA | Subsidiary | Citibank | 2015-12-16 | 0 | 0 | 0 | 0 | 1,000 |
| SSAP | Subsidiary | SCB | 2015-11-08 | 0 | 7,779 | 0 | 7,779 | 20,000 |
| | | Total | | 4,264,289 | 238,632 | 2,350,567 | 2,152,354 | 9,440,325 |

Other than the guarantee obligations presented above, the Company provides payment guarantees of KRW 18,360 million (HUF 4.32 billion) to SEH (Samsung Electronics Hungarian) in Hungary to guarantee fulfillment of an investment incentive contract with the Hungarian government.

The Company requires BOD approval for individual guarantees exceeding 2.5% of total equity. When the guarantee amount is between 0.1% and/or less than 2.5%, the approval decision is delegated to the Management Committee.

B. Purchase and Sales of Securities

| | | | | Changes | | | | |
|--------------------------------|--------------|-------------------------|-----------|-----------|-----------|------------------|-----------|------------------|
| Company | Relationship | Securities Type | Purchase | Sale | Total | Profit & Loss | Balance | Note |
| Samsung Asset Management | Affiliate | Beneficiary certificate | 1,450,000 | 1,700,000 | 3,150,000 | 24,131 | 1,016,878 | Asset management |
| Total | | | 1,450,000 | 1,700,000 | 3,150,000 | 24,131 | 1,016,878 | |

^{*} Profit and loss of securities is based on gain from disposition.

2. Acquisitions and disposals of Assets with Affiliates and Subsidiaries

During 2014, the Company disposed assets to affiliates including SCS (Samsung China Semiconductor Co., Ltd.) for the purpose of increasing production capacity.

In addition, the Company acquired assets including facility equipment from affiliates to improve efficiency of domestic production.

| Company | Relationship | Purpose | Transaction Date | Date based on | Asset | Amount |
|-------------------|--------------|---------------------|------------------|-----------------------|-----------------------------------|---------|
| Samsung SDI | Affiliate | Asset sale/purchase | 2014.12.18 | Date of sale/purchase | Stock, etc. | 670,081 |
| Cheil Industries | Affiliate | Asset purchase | 2014.12.31 | Date of purchase | Stock, etc. | 374,046 |
| Cheil Wordwide | Affiliate | Asset sale/purchase | 2014.12.01 | Date of sale/purchase | Stock, etc. | 223,115 |
| Samsung Card | Affiliate | Asset purchase | 2014.10.23 | Date of purchase | Stock, etc. | 170,739 |
| SAS | Subsidiary | Asset sale/purchase | 2014.11.23 | Date of sale/purchase | Machinery, etc. | 93,909 |
| SCS | Subsidiary | Asset sale | 2014.12.30 | Date of sale | Machinery, etc. | 82,794 |
| Samsung Techwin | Affiliate | Asset purchase | 2014.12.31 | Date of purchase | Building, etc. | 51,650 |
| Samsung Biologics | Affiliate | Asset sale | 2014.06.05 | Date of sale | Intellectual property right, etc. | 10,433 |
| SESS | Subsidiary | Asset sale/purchase | 2014.12.22 | Date of sale/purchase | Machinery, etc. | 10,352 |
| SEV | Subsidiary | Asset sale/purchase | 2014.11.01 | Date of sale/purchase | Machinery, etc. | 4,565 |
| SEIN | Subsidiary | Asset sale | 2014.12.11 | Date of sale | Machinery, etc. | 3,189 |
| SEVT | Subsidiary | Asset sale | 2014.09.30 | Date of sale | Machinery, etc. | 3,086 |
| SII | Subsidiary | Asset sale/purchase | 2014.06.09 | Date of sale/purchase | Machinery, etc. | 2,593 |
| SRA | Subsidiary | Asset purchase | 2014.12.04 | Date of purchase | Intellectual property right, etc. | 2,540 |
| Samsung Display | Affiliate | Asset purchase | 2014.11.28 | Date of purchase | Machinery, etc. | 1,463 |
| TSE | Subsidiary | Asset sale/purchase | 2014.11.24 | Date of sale/purchase | Machinery, etc. | 1,398 |
| SEHZ | Subsidiary | Asset purchase | 2014.11.07 | Date of purchase | Machinery, etc. | 1,361 |
| SESC | Subsidiary | Asset purchase | 2014.04.18 | Date of purchase | Machinery, etc. | 950 |
| SRC-Guangzhou | Subsidiary | Asset sale | 2014.02.17 | Date of sale | Machinery, etc. | 879 |
| TSTC | Subsidiary | Asset purchase | 2014.11.24 | Date of purchase | Machinery, etc. | 865 |
| SEMES | Affiliates | Asset purchase | 2014.05.30 | Date of purchase | Machinery, etc. | 808 |
| TSST Korea | Subsidiary | Asset sale | 2014.09.30 | Date of sale | Intellectual property right, etc. | 647 |
| SSEC-E | Subsidiary | Asset sale | 2014.02.01 | Date of sale | Machinery, etc. | 524 |
| SSI | Subsidiary | Asset purchase | 2014.12.05 | Date of purchase | Machinery, etc. | 407 |
| SSAP | Subsidiary | Asset sale | 2014.12.30 | Date of sale | Machinery, etc. | 197 |
| SSEC | Subsidiary | Asset sale | 2014.03.21 | Date of sale | Machinery, etc. | 190 |
| TSOE | Subsidiary | Asset sale/purchase | 2014.07.25 | Date of sale/purchase | Machinery, etc. | 124 |
| SEMCO | Affiliate | Asset sale | 2014.06.23 | Date of sale | Machinery, etc. | 110 |

- * Transaction date: most recent transaction
- * The former Cheil Industries merged with Samsung SDI in July 2014, and Samsung Everland name has been renamed as Cheil Industries

3. Business Transactions with Affiliates and Subsidiaries

During 2014, the Company had business transactions with affiliates STA (Samsung Telecommunications America LLC.) and SEV (Samsung Electronics Vietnam Co., Ltd.).

(Unit: KRW million)

| Company | Relationship | Type of Transaction | Date | Details | Amount |
|---------|--------------|------------------------|-------------------|---|------------|
| STA | Subsidiary | Sales/Purchases | 2014.01 - 2014.12 | Sales of HHP and Network Equipment, etc. | 18,229,215 |
| SEV | Subsidiary | Sales/Purchases | 2014.01 - 2014.12 | Purchase of HHP and Home Appliance, etc. | 14,418,124 |
| SSI | Subsidiary | Sales/Purchases | 2014.01 - 2014.12 | Purchase/sales of semiconductor, etc. | 13,668,329 |
| SEHZ | Subsidiary | Sales/Purchases | 2014.01 - 2014.12 | Purchase/sales of HHP and CTV, etc. | 13,258,945 |
| SEA | Subsidiary | Sales/Purchases | 2014.01 - 2014.12 | Purchase/sales of HHP and Home Appliance, etc. | 12,633,227 |
| SII | Subsidiary | Sales/Purchases | 2014.01 - 2014.12 | Purchase/sales of CTV, etc. | 7,555,735 |

4. Transactions with Stakeholders other than Affiliates and Subsidiaries

As at December 31, 2014, the Company's outstanding loan amount is KRW 116 billion related to support for supplier companies for product competitiveness and mutual development as well as home loan and educational expenses for employee welfare. In addition, the Company provides debt guarantees up to KRW 13.1 billion for employees' loans from financial institutions relating to housing rental.

| | | | Loans | | | | | | | | | |
|---|-----------------|------------------|--|----------|----------|--------------------------------------|--|--|--|--|--|--|
| Company | Relationship | Account title | | Trai | nsaction | | | | | | | |
| | | Account title | Beginning of period (January 1, 2014) | Increase | Decrease | End of period (December 31, 2014) | | | | | | |
| Jangwon Tech, etc | Partner company | Short-term loans | 30,977 | 7,114 | 3,770 | 34,321 | | | | | | |
| Dooil I&D, etc Partner company and employee | | Long-term loans | 77,303 | 41,634 | 37,404 | 81,534 | | | | | | |
| | Total | | 108,280 | 48,749 | 41,173 | 115,855 | | | | | | |

^{*} The amount shown above reflects present value of discounted debts before accounting for bad debts.

XI. Other Information

1. Public Disclosure

(A) Progress on major disclosed information related to management

| Report date | Title | Report | Progress |
|-------------|---|---|--|
| Feb 7, 2011 | Appeal of Court's Ruling on Samsung Motors Case | Related to the agreement regarding court receivership of Samsung Motors between 28 Samsung affiliates (including Samsung Electronics) and creditors of Samsung Motors in September 1999, the Samsung affiliates (including Samsung Electronics) appealed the Seoul High Court's ruling of January 11, 2011, against the case filed by the defendants (Creditors filed the case in December 2005). | Case closed by the Supreme Court decision on January 29, 2015 |
| Mar 4, 2011 | Filing of a lawsuit | Related to the agreement regarding court receivership of Samsung Motors between 28 Samsung affiliates (including Samsung Electronics) and creditors of Samsung Motors in September 1999, creditors appealed the Court's ruling of January 11, 2011 regarding the dispute case filed by the creditors in December 2005. | |

2. Summary of Results of Shareholder Meetings

| Date | Agenda | Results |
|--|--|----------|
| | Approval of Balance Sheet, Income Statement, and Statement of Appropriation of Retained Earnings (Draft), etc. for FY2014 | Approved |
| FY2015 annual general meeting of shareholders (*15.3.13) | 2. Appointment of Directors 2.1: Appointment of Independent Directors 2.1.1: Han-Joong Kim 2.1.2: Byeong-Gi Lee | Approved |
| | 2.2: Appointment of Executive Director (Oh-Hyun Kwon) 2.3: Appointment of Member of Audit Committee (Han-Joong Kim) | |
| | 3. Approval of the limit on the remuneration for Directors | Approved |
| FY2014 annual general meeting of | Approval of Balance Sheet, Income Statement, and Statement of Appropriation of Retained Earnings (Draft), etc. for FY2013 | Approved |
| shareholders ('14.3.14) | 2. Approval of the limit on the remuneration for Directors | Approved |
| | Approval of Balance Sheet, Income Statement, and Statement of Appropriation of Retained Earnings (Draft), etc. for FY2012 | Approved |
| | 2. Appointment of Directors 2.1 : Appointment of Independent Directors 2.1.1: In-Ho Lee 2.1.2: Kwang-Soo Song 2.1.3: Eun-Mee Kim | Approved |
| FY2013 annual general meeting of shareholders ('13.3.15) | 2.2: Appointment of Executive Directors 2.2.1: Boo-Keun Yoon 2.2.2: Jong-Kyun Shin 2.2.3: Sang-Hoon Lee | |
| | 2-3: Appointment of Members of Audit Committee 2.3.1: In-Ho Lee 2.3.2: Kwang-Soo Song | |
| | 3. Approval of the limit on the remuneration for Directors | Approved |

3. Litigation

The litigation with Apple Inc. ("Apple") is ongoing in the United States as of the Reporting Date. Regarding the ongoing lawsuit in the United States, on August 24, 2012, the jury determined that the Company partially infringed Apple's design and utility patent and should pay damages to Apple. On March 1, 2013, however, the Judge ordered a new trial for a certain portion of the damages, ruling that it was originally miscalculated. On March 6, 2014, the Judge denied Apple's bid for a permanent injunction against the Company and made a final judgment restating the total damages amount determined by a jury verdict on November 21, 2013. The Company appealed the decision on the damages amount on March 7, 2014, and a hearing on the appeal was held on December 4, 2014.

Additionally, on May 5, 2014, the jury in another ongoing lawsuit determined that the Company partially infringed Apple's utility patent and should pay damages to Apple. On November 25, 2014, first trial judgment was pronounced to confirm the jury's verdict. The Company appealed the decision on the damages and the appeal is currently on-going. The final conclusion and the effect of the patent lawsuits with Apple are uncertain as of the reporting date.

In August 2014, the Company and Apple reached an agreement to withdraw from ongoing litigation in all regions other than the United States, and the Company is currently in the process of withdrawing all non-United States based lawsuits.

As at the time of this disclosure, there are multiple on-going lawsuits and civil damage claims by some overseas purchasers of TFT-LCD panels, as well as investigations by regulatory authorities, in connection with the price fixing of LCD panels. These lawsuits, claims and investigations were initiated prior to the spin-off of LCD business. The timing of payments related to these matters is currently uncertain but our management believes that the ultimate resolution of such lawsuits, claims, and investigations would not materially affect the financial condition of the Company.

In addition, during the normal course of business with numerous companies, the Company has been involved in various claims, disputes, and investigations conducted by regulatory authorities. Although the outflow of resources and timing of these matters are uncertain, the Company believes the outcome will not have a material impact on the financial condition of the Company.

4. Guarantees

See "Commitments and Contingencies" notes in the "Separate and Consolidated Financial Statements"

5. Sanctions and Others

The Company paid a fine of KRW 1.602 billion on August 7, 2012, pursuant to a corrective order resulting from the violation of Article 8 (Prohibition of Unreasonable Cancellation of Entrustment) of the Fair Transactions in Subcontracting Act. On March 21, 2012, the Company paid a fine of KRW 12.907 billion pursuant to a corrective order issued by the Fair Trade Commission resulting from the violation of Article 19 (Prohibition of Unfair Collaborative Acts) of the Monopoly Regulation and Fair Trade Act relating to sales of washing machines, flat panel TVs, and notebook PCs.

The Company is still engaged in a lawsuit after being issued a corrective order and fine (KRW 14.126 billion) on July 10, 2012 for violating Article 23 (Prohibition of Unfair Trade Practices) of the Monopoly Regulation and Fair Trade Act. In relation to the same lawsuit, the Company and two executives (one incumbent senior vice president at the time and one retired vice president at the time) were ordered to pay a fine (the Company: KRW 300 million, two executives: 50 million each) on March 12, 2012, and the parties have subsequently paid the fine.

The Company was ordered to pay a fine (KRW 26 million) on January 13, 2014 from the Fair Trade Commission for violating Article 4 (Announcement of Critical Information and Integrated Notification) of the Fair Labeling and Advertising Act, and has subsequently paid the fine.

The Company was ordered to pay a fine (KRW 267 million) on March 7, 2013, for violating the Occupational Safety and Health Act in connection with a hydrofluoric acid gas leak that occurred on January 28, 2013, and has subsequently paid the fine. The Company was issued an improvement order and ordered to pay a fine (KRW 2.2 million) on April 1, 2013, for violating the Toxic Chemicals Control Act. The Company reported compliance with the improvement order and subsequently paid the fine. As a result of this incident, three employees and executives of the Company were ordered to pay a fine (KRW 15 million) at the first trial on October 31, 2014. The Company appealed the decision on November 7, 2014.

For the hydrofluoric acid gas leak occurred on May 2, 2013, the Company was ordered to pay a fine (KRW 4.5 million) on February 27, 2014, for violating the Occupational Safety and Health Act and the Toxic Chemicals Control Act, and has subsequently paid the fine.

The Company was ordered and paid a fine of KRW 166.7 million for not reporting the importation of certain chemicals in August 2013, following a joint inspection by the Ministry of Environment and Gyeong-Gi Province.

The Company regularly provides compliance education and training to executives and employees to promote global standards of fair competition, and operates various compliance programs. The Company reinforced internal controls to comply with relevant laws on environmental safety and provides related education for executives and employees.

6. Return of Short-Swing Profits

The Company has not received any notification of short-swing profits from the Securities & Futures Commission (the Governor of the Financial Supervisory Service) in the past three years and until the date of this report.

7. Subsequent Events

On January 1, 2015, Samsung Electronics America (SEA), a subsidiary of the Company, merged with Samsung Telecommunications America (STA), also a subsidiary of the Company. The merger was between two subsidiaries under common control, therefore, the merger was accounted for by transferring the book values on the consolidated financial statements. No additional goodwill was recognized.

Based on an agreement entered into in September 1999 related to Samsung Motor Inc.'s ("SMI") insolvency proceedings, SMI's creditors (the "Creditors") filed a civil action in December 2005 against 28 Samsung Group affiliates, including the Company, seeking to recover KRW 2,450 billion in losses as well as additional penalty amounts. On January 11, 2011, the Seoul High Court ordered Samsung Group affiliates to pay to the Creditors KRW 600 billion as additional penalty plus interest for late payment. The decision was appealed to the Supreme Court of Korea. On January 29, 2015, the Supreme Court ordered the Samsung Group affiliates to pay the Creditors KRW 600 billion as additional penalty plus interest on the additional penalty amount (at a rate of 6% per annum). On January 11, 2011, the Seoul High Court ordered Samsung Group affiliates to pay to the Creditors KRW 600 billion as additional penalty plus interest for late payment. Compared to the January 2011 ruling, the penalty amount remained the same; however, interest rate on the additional penalty increased by 1%, thus the total amount due to Creditors increased by \text{\text{\$\psi}}4 billion as a result of the Supreme Court's January 2015 decision.

8. Acquisition and Divestments

A. Acquisitions and divestments

[Samsung LED Merger]

· Type: Merger

· Purpose: Increase Efficiency and Profitability of LED Business

• Board Decision Date: 26 December 2011

· Board Approval Date: 20 February 2012

(* The merger was approved at a regularly scheduled meeting of the board of directors in lieu of shareholder approval.)

· Merger Date: April 1, 2012

| | Acquiring Company | Predecessor Company |
|----------------|---|---|
| Name | Samsung Electronics Co., Ltd. | Samsung LED Co., Ltd. |
| Address | 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea | San 24, Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Korea |
| President | Gee-sung Choi | Nam-sung Cho |
| Rate of Merger | 1 | 0.0134934 |

[LCD Business Spin-off]

· Type: Physical division (establishment of Samsung Display Co., Ltd.)

· Purpose: Efficiency of LCD business and profitability

· Approval Date: March 16, 2012 (At the Annual Shareholder Meeting)

· Spin-off Date: April 1, 2012

[Samsung Electronics Hainan Fiber Optics Korea Merger]

· Type: Merger

· Purpose: Increase Efficiency and Profitability of Camera Module and Touchscreen

· Board Decision Date: September 13, 2012

· Board Approval Date: October 26, 2012

(* The merger was approved at a regularly scheduled meeting of the board of directors in lieu of shareholder approval.)

· Merger Date: 1 December 2012

| | Acquiring Company | Predecessor Company | | |
|--------------|--|---|--|--|
| Name | Samsung Electronics Co., Ltd. | Samsung Electronics Hainan Fiber Optics Korea Co., Ltd. | | |
| Address | 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea | 94-1, Imsu-dong, Gumi-si, Gyeongsangbuk-do, Korea | | |
| President | Oh-Hyun Kwon | Phil-Young Kim | | |
| Merger Ratio | 1 | 0.2056163 | | |

We acquired Hainan Fiber Optics Korea Corp. without issuance of new shares as the Company already held 100% ownership of the equity.

B. Post Merger Financial Information

[Samsung LED]

| Predecessor Company | Account | Year 2 (2012) | | | | |
|------------------------|---------------------|---------------|-----------|------------------------------|--|--|
| | | Forecast | Actual | Forecast Vs. Actual Ratio | Reason for Difference | |
| Samsung LED | Revenue | 2,381,405 | 1,587,265 | 33% | | |
| | Operating Profit | 258,250 | -54,283 | 121% | IT market and lighting business stagnation | |
| | EBIT | 234,507 | -76,422 | 133% | | |

^{*} For Year 1 (2011), please refer to the Audited Financial Statement of Samsung LED.

| Predecessor Company | Account | Year 1 (2012) | | | | |
|------------------------|---------------------|---------------|-----------|------------------------------|--|--|
| | | Forecast | Actual | Forecast Vs. Actual Ratio | Reason for Difference | |
| SEHF-K | Revenue | 1,111,692 | 1,086,135 | 2% | Decrease of profitability of Touch Screen Panel Business | |
| | Operating Profit | 33,366 | 5,121 | 85% | | |
| | EBIT | 31,517 | 1,008 | 97% | | |

^{*} For Year 2 (2013), separate financial results are difficult to determine as the business was incorporated into the IM Division.

9. Green Management

The Company is actively securing "Green Technology Certifications" to follow the Low Carbon Green Growth policy of the Korean government.

(Green Technology Certification)

The Company is acquiring Green Technology Certifications in accordance with Clause 2, Article 32 of the Framework Act on Low Carbon Green Growth. Green technology development is a part of our "Planet First" strategy, which strives to conduct business activities in a manner that respect people and nature. Since the certification system was introduced in 2010, the Company has secured 37 valid Green Technology Certifications as of December 31, 2014. In addition, the Company has acquired 22 'Green Technology' product certificates (412 models), for commercialized products. Meanwhile, the Company withdrew the application for its Giheung/Hwasung Campus to be re-certified as a Green Company Campus, and as of April 5, 2013, the Giheung/Hwasung Campus designation as a Green Company Campus was canceled.

Certified Green Technologies as of December 31, 2014 are as follows:

| Division | Business | Name of green technology and green projects | No. |
|----------|---------------------------------|---|-----|
| CE | | Eco Bubble washing technology, etc. | 23 |
| IM | | Membrane laminated air filter for telecommunication base transceiver stations; Low power consumption cooling, heating, and controlling humidity, etc. | 8 |
| DS | Semiconductor (Sub-Division) | 3-bit NAND Flash semiconductor design technology, etc. | |
| | DP | Transparent LCD Display technology, etc. | 1 |
| | | Total | 37 |

^{*} The data reported above is with respect to Samsung Electronics Co., Ltd. only.

^{**} See [11. Other Information (B. Environmental regulations)] in [II. Businesses Overview] for greenhouse gas emission and energy use.