Interim Separate Financial Statements September 30, 2013 and 2012

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September 30, 2013 and 2012

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Report on Review of Interim Financial Statements

To the Board of Directors and Shareholders of LG Electronics Inc.

Reviewed Financial Statements

We have reviewed the accompanying interim separate financial statements of LG Electronics Inc. (the "Company"). These financial statements consist of the separate statement of financial position of the Company as of September 30, 2013, and the related separate statements of income and comprehensive income for the three-month and nine-month periods ended September 30, 2013 and 2012, and the statements of changes in equity and cash flows for the nine-month periods ended September 30, 2013 and 2012, and a summary of significant accounting policies and other explanatory notes, expressed in Korean won.

Management' Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these separate financial statements in accordance with the International Financial Reporting Standards as adopted by the Republic of Korea ("Korean IFRS") 1034, 'Interim Financial Reporting', and for such internal controls as management determines are necessary to enable the preparation of separate financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to issue a report on these interim separate financial statements based on our reviews.

We conducted our reviews in accordance with the quarterly and semi-annual review standards established by the Securities and Futures Commission of the Republic of Korea. A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with auditing standards generally accepted in the Republic of Korea and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion

Based on our reviews, nothing has come to our attention that causes us to believe the accompanying interim separate financial statements do not present fairly, in all material respects, in accordance with the Korean IFRS 1034, 'Interim Financial Reporting'.

Other matters

We have audited the accompanying separate statement of financial position of the Company as of December 31, 2012, and the related separate statements of income, comprehensive income, changes in equity and cash flows for the year then ended, in accordance with auditing standards generally accepted in the Republic of Korea. We expressed an unqualified opinion on those separate financial statements in our audit report dated March 6, 2013. These separate financial statements are not included in this review report. The separate statement of financial position as of December 31, 2012, presented herein for comparative purposes, is consistent, in all material respects, with the above audited statement of financial position as of December 31, 2012.

Review standards and their application in practice vary among countries. The procedures and practices used in the Republic of Korea to review such financial statements may differ from those generally accepted and applied in other countries. Accordingly, this report is for use by those who are informed about Korean review standards and their application in practice.

Seoul, Korea

November 8, 2013

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This interim report is effective as of November 8, 2013, the review report date. Certain subsequent events or circumstances, which may occur between the review report date and the time of reading this report, could have a material impact on the accompanying interim separate financial statements and notes thereto. Accordingly, the readers of the review report should understand that there is a possibility that the above review report may have to be revised to reflect the impact of such subsequent events or circumstances, if any.

LG Electronics Inc.
Interim Separate Statements of Financial Position
September 30, 2013 and December 31, 2012

(in millions of Korean won)	Notes	September 30, 2013	December 31, 2012
Assets			
Current assets			
Cash and cash equivalents	4,30	936,999	1,114,246
Financial deposits	4,30	65,000	50,000
Trade receivables	4,5,30	5,150,814	4,693,196
Loans and other receivables	4,30	491,563	328,652
Other financial assets	4,6,30	-	53,555
Inventories	7	1,123,294	921,828
Current income tax assets		1,966	3,274
Other current assets		422,049	382,876
Assets classified as held for sale		2,995	3,043
Non-current assets		8,194,680	7,550,670
Financial deposits	4,30	4,284	14,321
Loans and other receivables	4,30	398,694	407,037
Other financial assets	4,6,30	31,574	32,530
Property, plant and equipment	8	5,903,918	5,437,210
Intangible assets	8	1,010,866	962,002
Deferred income tax assets		842,506	752,226
Investments in subsidiaries,			
associates and joint ventures	9	8,034,521	7,950,178
Investment property	Ü	5,100	5,211
Other non-current assets		669,813	720,791
		16,901,276	16,281,506
Total assets		25,095,956	23,832,176
Liabilities		20,000,000	20,002,110
Current liabilities			
Trade payables	4,30	4,677,703	3,995,679
Borrowings	4,10,30	1,081,490	1,057,585
Other payables	4,30	2,973,101	2,809,156
Other financial liabilities	4,6,30	3,662	-
Current income tax liabilities		-	9,437
Provisions	12	216,946	192,306
Other current liabilities		353,636	296,798
		9,306,538	8,360,961
Non-current liabilities			
Borrowings	4,10,30	4,409,661	4,206,740
Other financial liabilities	4,6,30	4,856	13,889
Net defined benefit liability	11	608,215	467,598
Provisions	12	803,115	760,033
		5,825,847	5,448,260
Total liabilities		15,132,385	13,809,221
Equity			
Paid-in capital:	13		
Capital stock		904,169	904,169
Share premium	4.	3,088,179	3,088,179
Retained earnings	14	5,988,687	6,059,062
Accumulated other comprehensive income	15	15,355	4,364
Other components of equity	16	(32,819)	(32,819)
Total aquity		9,963,571	10,022,955
Total equity Total liabilities and equity		25,095,956	23,832,176

Interim Separate Statements of Income

Three-Month and Nine-Month Periods Ended September 30, 2013 and 2012

(in millions of Korean won, except per share amounts)	Notes	20	2013		2012		
		Three months	Nine months	Three months	Nine months		
Net sales	17	6,835,242	21,164,955	6,486,976	19,323,600		
		, ,		, ,	, ,		
Cost of sales	18	5,578,214	16,924,054	5,053,026	15,007,670		
Gross profit		1,257,028	4,240,901	1,433,950	4,315,930		
Selling and marketing expenses	18,19	655,184	1,968,154	740,947	1,995,019		
Administrative expenses	18,19	125,772	394,547	116,161	350,758		
Research and development expenses	18,19	472,656	1,487,779	482,661	1,337,697		
Service costs	18,19	164,582	437,152	127,533	363,475		
Operating income(loss)		(161,166)	(46,731)	(33,352)	268,981		
Financial income	20	39,989	138,662	49,539	189,037		
Financial expenses	21	95,208	287,479	125,929	362,403		
Other non-operating income	22	252,957	850,638	144,883	837,268		
Other non-operating expenses	23	248,754	761,147	110,549	479,922		
Profit(loss) before income tax		(212,182)	(106,057)	(75,408)	452,961		
Income tax expense(benefit)		(68,988)	(56,747)	(10,997)	87,091		
Profit(loss) for the period		(143,194)	(49,310)	(64,411)	365,870		
Earnings(loss) per share during the period (in won):	24						
Earnings(loss) per share for profit attributable to							
the common equity holders of the Company		(796)	(277)	(359)	2,028		
		(100)	(211)	(000)	2,020		
Earnings(loss) per share for profit attributable to		(70.4)	(0.40)	(2.40)	2.060		
the preferred equity holders of the Company		(784)	(240)	(346)	2,066		

Interim Separate Statements of Comprehensive Income

Three-Month and Nine-Month Periods Ended September 30, 2013 and 2012

(in millions of Korean won)	Notes	2013		2012	
		Three months	Nine months	Three months	Nine months
Profit(loss) for the period Other comprehensive income		(143,194)	(49,310)	(64,411)	365,870
Items that will not be reclassified subsequently to profit or loss: Remeasurements of the net defined benefit liability Items that will be reclassified subsequently to profit or loss:	11	2,055	14,633	(55,010)	(102,398)
Cash flow hedges Available-for-sale financial assets	10 6	11,984 93	7,791 3,200	1,371 (78)	2,520 (995)
Other comprehensive income(loss) for the period, net of tax Total comprehensive income(loss) for the period, net of tax		14,132 (129,062)	25,624 (23,686)	(53,717) (118,128)	(100,873) 264,997

Interim Separate Statements of Changes in Equity Nine-Month Periods Ended September 30, 2013 and 2012

(in millions of Korean won)	Notes_	Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Income	Other Components of Equity	Total
Balance at January 1, 2012		3,992,348	6,534,129	1,203	(32,819)	10,494,861
Comprehensive income:					, ,	
Profit for the period		-	365,870	-	-	365,870
Remeasurements of the net defined benefit liability	11	-	(102,398)	-	-	(102,398)
Cash flow hedges	10	-	-	2,520	-	2,520
Available-for-sale financial assets	6	-	-	(995)	-	(995)
Total comprehensive income	_	-	263,472	1,525	-	264,997
Transactions with equity holders:	_	-				
Dividends	25	-	(36,872)	-	-	(36,872)
Total transactions with equity holders	_	-	(36,872)	-	-	(36,872)
Balance at September 30, 2012	_	3,992,348	6,760,729	2,728	(32,819)	10,722,986
Balance at January 1, 2013		3,992,348	6,059,062	4,364	(32,819)	10,022,955
Comprehensive income:						
Loss for the period		-	(49,310)	-	-	(49,310)
Remeasurements of the net defined benefit liability	11	-	14,633	-	-	14,633
Cash flow hedges	10	-	-	7,791	-	7,791
Available-for-sale financial assets	6		-	3,200		3,200
Total comprehensive loss	_	<u> </u>	(34,677)	10,991		(23,686)
Transactions with equity holders:						
Dividends	25	-	(36,872)	-	-	(36,872)
Changes from business combination	_		1,174			1,174
Total transactions with equity holders	_	-	(35,698)			(35,698)
Balance at September 30, 2013	_	3,992,348	5,988,687	15,355	(32,819)	9,963,571

LG Electronics Inc.
Interim Separate Statements of Cash Flows
Nine-Month Periods Ended September 30, 2013 and 2012

		Nine-Month Period En	ded September 30
(in millions of Korean won)	Note	2013	2012
Cash flows from operating activities			
Cash generated from operations	26	644,862	989,041
Interest received		17,448	22,668
Interest paid		(164,211)	(170,739)
Dividends received		343,245	251,353
Income tax paid		(49,810)	(69,571)
Net cash generated from operating activities		791,534	1,022,752
Cash flows from investing activities			
Decrease in financial deposits		10,040	20,989
Decrease in loans and other receivables		145,043	60,359
Proceeds from disposal and recovery of other financial assets	;	66,895	3,595
Proceeds from disposal of property, plant and equipment		14,092	43,544
Proceeds from disposal of intangible assets		5,881	1,555
Proceeds from disposal of investments in subsidiaries,			
associates and joint ventures		772	214,757
Proceeds from disposal of assets held for sale		48	307
Business combination		5,304	-
Increase in financial deposits		(15,000)	-
Increase in loans and other receivables		(124,300)	(35,505)
Acquisition of other financial assets		(4,500)	(16,304)
Acquisition of property, plant and equipment		(902,374)	(505,712)
Acquisition of intangible assets		(266,289)	(219,280)
Acquisition of investments in subsidiaries,			
associates and joint ventures		(98,585)	(67,290)
Net cash used in investing activities		(1,162,973)	(498,985)
Cash flows from financing activities			
Proceeds from borrowings		1,117,694	1,030,285
Repayments of borrowings		(886,630)	(1,373,162)
Dividends paid		(36,872)	(36,872)
Net cash provided by(used in) financing activities			(379,749)
Net cash provided by(used in) illiancing activities		194,192	(379,749)
Net increase(decrease) in cash and cash equivalents		(177,247)	144,018
Cash and cash equivalents at the beginning of period		1,114,246	1,364,211
Cash and cash equivalents at the end of period		936,999	1,508,229

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

1. General Information

LG Electronics Inc.(the Company) was spun-off from LG Electronics Investment Ltd. on April 1, 2002. The Company's shares are listed on the Korea Exchange, and some of its preferred shares, in form of global depositary receipts ("DRs"), are listed on the London Stock Exchange as of the reporting date. The Company is domiciled in Korea at Yeoui-daero, Yeungdeungpoqu, Seoul.

As of September 30, 2013, LG Corp. owns 33.7% of the Company's total shares, excluding preferred shares, while financial institutions, foreign investors and others own the rest.

The Company is engaged in the manufacture and sale of electronic products including mobile phones, TV, air conditioners, refrigerators, washing machines and personal computers and of core parts. As of September 30, 2013, the Company operates manufacturing facilities mainly in Pyeongtaek, Changwon and Gumi in the Republic of Korea.

2. Significant Accounting Policies

Basis of Preparation

The attached statements are the separate financial statements subject to Korean IFRS 1027, 'Separate Financial Statements'. The interim separate financial statements for the nine-month period ended September 30, 2013, have been prepared in accordance with Korean IFRS 1034, 'Interim Financial Reporting'. These interim separate financial statements have been prepared in accordance with the Korean IFRS standards and interpretations effective at September 30, 2013.

Changes in Accounting Policy and Disclosures

New and amended standards adopted by the Company

Korean IFRS 1019(Amendment) 'Employee Benefits', Korean IFRS 1027(Amendment) 'Separate Financial Statements', Korean IFRS 1028(Amendment) 'Investments in Associates and Joint Ventures', Korean IFRS 1107(Amendment) 'Financial Instruments: Disclosures', Korean IFRS 1110(Enactment) 'Consolidated Financial Statements', Korean IFRS 1111(Enactment) 'Joint Arrangements', Korean IFRS 1112(Enactment) 'Disclosure of Interests in Other Entities', Korean IFRS 1113(Enactment) 'Fair Value Measurement' and 'Annual improvements to Korean IFRS' have been adopted from the reporting period beginning on January 1, 2013. Also, the Company has early adopted Korean IFRS 1032(Amendment) 'Financial Instruments: Presentation'.

- Korean IFRS 1019(Amendment): 'Employee Benefits'

According to these amendments to Korean IFRS 1019, 'Employee Benefits', the use of a 'corridor' approach is no longer permitted, and therefore all actuarial gains and losses incurred are immediately recognized in other comprehensive income.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

All past service costs incurred are immediately recognized in accordance with the change of the plan. Interest cost and expected return on plan assets which used to be calculated separately have been revised to calculate net interest expense(income) by applying the discount rate used in the net defined benefit liability(asset) measurement.

The Company retrospectively applied the calculation method of employee benefits in accordance with the above amendments. The comparative statements of income and comprehensive income for the nine-month period ended September 30, 2012, were restated by reflecting adjustments resulting from the retrospective application. The impact on major account items is as follows. The above amendments to the standard have no impact on the statement of financial position.

		Effect of	changes	
(in millions of Karaan wan)	Before	Korean IFRS	Korean IFRS	After
(in millions of Korean won)	restatement	1001 ¹	1019	restatement
Net sales	19,323,600	-	-	19,323,600
Gross profit	4,314,588	-	1,342	4,315,930
Operating income	231,123	35,288	2,570	268,981
Profit before income tax	450,391	-	2,570	452,961
Profit for the period	363,922	-	1,948	365,870
Other comprehensive loss,				
net of tax	(98,925)	-	(1,948)	(100,873)
Total comprehensive income,				
net of tax	264,997	-	-	264,997
Earnings per share during the period				
(in won):				
Earnings per share for profit				
attributable to the common equity				
holders of the Company	2,017	-	11	2,028
Earnings per share for profit				
attributable to the preferred equity				
holders of the Company	2,055	-	11	2,066

¹ In accordance with the amendment of Korean IFRS 1001, 'Presentation of Financial Statements', the Company changed its accounting policy to present the operating income after deducting cost of sales, selling and marketing expenses, administrative expenses, research and development expenses and service costs from net sales during the prior period.

According to the amendments to Korean IFRS 1019, the Company shall recognize a liability and expense for termination benefits at the earlier of the following dates; (a) when the Company can no longer withdraw the offer of benefits; and (b) when the Company recognizes costs for a restructuring that is within the scope of Korean IFRS 1037 'Provisions, Contingent Liabilities and Contingent Assets' and involves the payment of termination benefits. The application of the above amendment does not have material impact on these separate financial statements.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

- Korean IFRS 1027(Amendment): 'Separate Financial Statements'

Korean IFRS 1027, which is amended in accordance with the enactment of Korean IFRS 1110, deals only with the accounting for investments in subsidiaries, associates and joint ventures in the separate financial statements of the Parent Company. The amendments of Korean IFRS 1027 have no impact on these separate financial statements.

- Korean IFRS 1028(Amendment): 'Investments in associates and joint ventures'

According to the amendments, the accounting for joint ventures is integrated into this standard and the application of the equity method is set out in this standard. The scope exception for venture capital organizations, or mutual funds, unit trusts and similar entities has been eliminated and has been characterized as a measurement exemption from the requirement measurement in using the equity method in Korean IFRS 1028(Amendment). The disclosure requirements are specified in Korean IFRS 1112, 'Disclosure of Interests in Other Entities'. Investment in associates and joint ventures are measured at cost in the separate financial statements. Accordingly, the amendments of Korean IFRS 1028 have no impact on these separate financial statements.

- Korean IFRS 1107(Amendment): 'Financial Instruments: Disclosure'

According to the amendments to Korean IFRS 1107, 'Financial Instruments: Disclosure', the Company is required to disclose quantitative and qualitative information in order for the users of the financial statements to evaluate their effect or potential effect on financial statements for all recognized financial instruments that are offset in accordance with Paragraph 42 of Korean IFRS 1032 and recognized financial instruments that are subject to an enforceable master netting arrangement or similar agreement, irrespective of whether they are offset in accordance with Paragraph 42 of Korean IFRS 1032. The effect of this amendment is disclosed in Note 4.

- Korean IFRS 1110(Enactment): 'Consolidated Financial Statement'

Korean IFRS 1110 supersedes Korean IFRS 1027, 'Consolidated and Separate Financial Statements', and Korean IFRS 2012, 'Consolidation—Special Purpose Entities'.

Korean IFRS 1110 explains the principle of control which is the basis for determining which entities are consolidated in the consolidated financial statements. An investor controls an 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. The standard sets out further guidance where it is difficult to determine control.

Prior to the application of the above enactment, LG Innotek Co., Ltd. was classified as an associate. Although the Company has less than half of ownership interest in LG Innotek Co., Ltd., the Company is deemed to have control over LG Innotek Co., Ltd. when considering the size and dispersion of holdings of the other vote holders, and the voting patterns at previous shareholders' meetings. As a result, the Company classified LG Innotek Co., Ltd. as a subsidiary.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

- Korean IFRS 1111(Enactment): 'Joint Arrangements'

Korean IFRS 1111, 'Joint Arrangements', aims to reflect the substance of joint arrangements by focusing on the contractual rights and obligations by the parties arising from the arrangement that each party to the arrangement has rather than its legal form. Joint arrangements are classified as either joint operations or joint ventures. A joint operation is when joint operators have rights to the assets and obligations for the liabilities, and accounts for the assets, liabilities, revenues and expenses, while parties to the joint venture who have rights to the net assets of the arrangement, account for their interest in the joint venture using the equity method, while it is measured at cost in its separate financial statements. The application of this amendment does not have material impact on these separate financial statements.

- Korean IFRS 1112(Enactment): 'Disclosures of Interests in Other Entities'

Korean IFRS 1112, 'Disclosures of Interests in Other Entities', provides the disclosure requirements to entities that have an interest in a subsidiary, a joint arrangement, an associate or an unconsolidated structured entity. Disclosure of interests shown in the separate financial statements is prepared in accordance with Korean IFRS 1027, 'Separate Financial Statements'. However, when the Company has interests in unconsolidated structured entities and prepares separate financial statements as its only financial statements, it shall apply Korean IFRS 1112. According to the above enactment of standard, some of disclosures on interests in other entities have changed and disclosed in Notes 1 and 10 in the consolidated financial statements.

- Korean IFRS 1113(Enactment): 'Fair Value Measurement'

Korean IFRS 1113, 'Fair Value Measurement', aims to improve consistency and reduce complexity by providing a precise definition of fair value and a single source of fair value measurement and disclosure requirements for use across Korean IFRS. Korean IFRS 1113 does not extend the use of fair value accounting but provides guidance on how it should be applied where its use is already required or permitted by other standards within the Korean IFRS. This amendment was effective for the financial year beginning on January 1, 2013, and the enactment of Korean IFRS 1113 does not have material impact on these separate financial statements.

- Korean IFRS 1032(Amendment): 'Financial Instruments: Presentation'

Amendments to Korean IFRS 1032, 'Financial instruments: Presentation', clarify the facts that the right of offset cannot be contingent on a future event and shall be legally enforceable under any 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 offsetting presentation criterion.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

- Annual improvements to Korean IFRS

Korean IFRS 1001, 'Presentation of Financial Statements'

Korean IFRS 1016, 'Property, Plant and Equipment'

Korean IFRS 1032, 'Financial Instruments: Presentation'

Korean IFRS 1034, 'Interim Financial Reporting'

These annual improvements are effective for financial years beginning on January 1, 2013, and do not have a material impact on these separate financial statements.

Application of Accounting Policies

The significant accounting policies and computation method used in the preparation of these interim separate financial statements are the same as the policies and methods adopted for the preparation of the financial statements for the year ended December 31, 2012, unless otherwise stated in Note 2.

Certain reclassifications have been made to the comparative separate financial statements to conform to the September 30, 2013 financial statement presentation. These reclassifications have no effect on the reported net income or the net asset of the prior period.

Employee Benefits

Net interest expense(income) is calculated by applying discount rate used to measure the defined benefit obligation in calculating the expected return on plan assets, and management costs deductible in determining the return on plan assets are limited to the costs of managing the plan. In addition, all past service costs are recognized immediately.

Income Tax Expense

Income tax expense for the interim period is recognized based on management's best estimate of the weighted average annual income tax rate expected for the full financial year. The estimated average annual tax rate is applied to the pre-tax income for the period.

3. Critical Accounting Estimates and Assumptions

The estimates and judgments are reviewed on an ongoing basis and are based on historical experience and various other factors, including expectations of future events that are believed to be reasonable under the circumstances.

For the interim separate financial statements, the Company's management makes judgments, estimates and assumptions which affect accounting policies and its assets, liabilities, income and cost. Estimates and assumptions are continually evaluated and are based on 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.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

(a) Revenue Recognition

The Company recognizes revenue using the percentage of completion method for the rendering of service such as installation. When using the percentage of completion method, revenue shall be recognized by estimating services performed to date as a percentage of total services to be performed. The revenue may change with variations in terms and conditions including changes in the scope of work, costs, a contract period or a customer's plan.

(b) Impairment of Goodwill

The Company tests goodwill regularly for impairment. The recoverable amounts of cashgenerating units have been determined based on net fair value and value-in-use calculations. These calculations require the use of estimates.

(c) Income Taxes

The Company recognizes assets and liabilities for anticipated tax audit issues based on the best estimates of whether additional taxes will be due. Income tax expense in each interim period is recognized based on the best estimate of the weighted average annual income tax rate expected for the full financial year as explained in Note 2. Where final tax obligation is different from the amount that was initially recorded, such differences will impact the current and deferred income tax assets and liabilities in the period when tax obligation is finalized.

(d) Fair Value of Financial Instruments

The fair value of financial instruments that are not traded in an active market is determined by using valuation techniques. The Company uses its judgement to select a variety of methods and makes assumptions that are mainly based on market conditions existing at the end of each reporting period.

(e) Provisions

The Company recognizes provisions for product warranties and sales returns based on their historical data.

(f) Defined Benefit Obligation

The present value of the defined benefit obligation depends on various factors that apply an actuarial basis using a number of assumptions. The assumptions used in determining the net cost(income) for pensions include the discount rate. Any changes in these assumptions will impact the carrying amount of the defined benefit obligation. The Company determines the appropriate discount rate at the end of each period. 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 defined benefit obligation.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

In determining the appropriate discount rate, the Company considers the 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 the terms of the related pension liability. Other key assumptions for defined benefit obligation are based on current market conditions.

4. Financial Instruments by Category

Categorizations of financial instruments as of September 30, 2013 and December 31, 2012, are as follows:

	September 30, 2013					
(in millions of Korean won)	Assets at fair value through profit or loss	Derivatives for hedging purposes	Loans and receivables	Assets classified as available-for- sale	Held-to- maturity financial assets	Total
Cash and cash equivalents	-	-	936,999	-	-	936,999
Financial deposits	-	-	69,284	-	-	69,284
Trade receivables	-	-	5,150,814	-	-	5,150,814
Loans and other receivables	-	-	890,257	-	-	890,257
Other financial assets				31,574		31,574
Total	_		7,047,354	31,574		7,078,928

	September 30, 2013						
(in millions of Korean won)	Liabilities at fair value through profit or loss	Derivatives for hedging purposes	Liabilities carried at amortized cost	Total			
Trade payables	-	-	4,677,703	4,677,703			
Borrowings	-	-	5,491,151	5,491,151			
Other payables	-	-	1,439,501	1,439,501			
Other financial liabilities	<u>-</u>	8,518	<u> </u>	8,518			
Total		8,518	11,608,355	11,616,873			

	December 31, 2012						
(in millions of Korean won)	Assets at fair value through profit or loss	Derivatives for hedging purposes	Loans and receivables	Assets classified as available-for-sale	Held-to- maturity financial assets	Total	
Cash and cash equivalents	-	-	1,114,246	-	-	1,114,246	
Financial deposits	-	-	64,321	-	-	64,321	
Trade receivables	-	-	4,693,196	-	-	4,693,196	
Loans and other receivables	-	-	735,689	-	-	735,689	
Other financial assets				32,530	53,555	86,085	
Total	_		6,607,452	32,530	53,555	6,693,537	

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

	December 31, 2012						
(in millions of Korean won)	Liabilities at fair value through profit or loss	Derivatives for hedging purposes	Liabilities carried at amortized cost	Total			
Trade payables	-	-	3,995,679	3,995,679			
Borrowings	-	-	5,264,325	5,264,325			
Other payables	-	-	1,628,323	1,628,323			
Other financial liabilities	<u> </u>	13,889		13,889			
Total		13,889	10,888,327	10,902,216			

Income and loss by category of financial instruments for the nine-month periods ended September 30, 2013 and 2012, are as follows:

	2013					
(in millions of Korean won)	Assets at fair value through profit or loss	Derivatives for hedging purposes	Loans and receivables	Assets classified as available-for-sale	Held-to- maturity financial assets	Total
Interest income	-	-	21,595	-	-	21,595
Exchange differences	-	-	(107,478)	-	-	(107,478)
Bad debt expense	-	-	(39,995)	-	-	(39,995)
Loss on disposal of trade			(2.400)			
receivables	-	-	(3,188)	-	-	(3,188)
Gain on valuation of available-						
for-sale financial assets, net						
of tax (Through other						
comprehensive income)	-	-	-	3,200	-	3,200
Gain on disposal of available-						
for-sale financial assets	-	-	-	5,218	-	5,218
Impairment loss of available-for-						
sale financial assets	-	-	-	(498)	-	(498)
Dividend income	-	-	-	295	-	295
				2013		
(in millions of Korean won)	fair va	bilities at alue through fit or loss	Derivatives for hedging purposes	g Liabilities car		otal
Interest expenses		-		- (167,	872)	(167,872)
Exchange differences		-		- (26,	471)	(26,471)
Gains on derivatives, net of tax						
(Through other comprehensive	:					
income)		-	7,	791	-	7,791

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

			2	012		
-	Assets at fair value through	Derivatives	Loans and	Assets classified as	Held-to- maturity	
(in millions of Korean won)	profit or loss	for hedging purposes	receivables	available-for-sale fi		Total
Interest income	-	-	28,962	-	2,770	31,732
Exchange differences	-	-	(127,725)	-	(1,735)	(129,460)
Bad debt expense	-	-	(22,592)	-	-	(22,592)
Loss on disposal of trade						
receivables	-	-	(628)	-	-	(628)
Loss on valuation of available-						
for-sale financial assets, net						
of tax (Through other						
comprehensive loss)	-	-	-	(995)	-	(995)
Gain on disposal of available-						
for-sale financial assets	-	-	-	65	-	65
Impairment loss of available-for-						
sale financial assets	-	-	-	(8,101)	-	(8,101)
Dividend income	-	-	-	275	-	275
Gain on derivatives (Through						
profit or loss)	15,943	-	-	-	-	15,943
Gain on derivatives, net of tax						
(Through other						
comprehensive income)	-	2,520	-	-	-	2,520
	2012					
(in millions of Korean won)	fair val	oilities at ue through it or loss	Derivatives for hedging purposes			otal
Interest expenses		-		- (172,3	62)	(172,362)
Exchange differences		-		- 94,1	15	94,115
Loss on derivatives (Through prof	fit or					
loss)		(16,304)		-	-	(16,304)

Recognized financial instruments that are subject to an enforceable master netting arrangements or similar arrangements, are as follows:

		Se	eptember 30, 2013		
(in millions of Korean won)	Gross amounts of recognized financial assets	Gross amounts of recognized financial liabilities offset in the statement of financial position	Net amounts of financial assets presented in the statement of financial position	Related amounts not offset in the statement of financial position	Net amount
Trade receivables	76,953	76,953	-	-	-
		D	ecember 31, 2012		
(in millions of Korean won)	Gross amounts of recognized financial assets	Gross amounts of recognized financial liabilities offset in the statement of financial position	Net amounts of financial assets presented in the statement of financial position	Related amounts not offset in the statement of financial position	Net amount
Trade receivables	47,393	47,393	-	-	-

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

		S	eptember 30, 2013		
(in millions of Korean won)	Gross amounts of recognized financial liabilities	Gross amounts of recognized financial assets offset in the statement of financial position	Net amounts of financial liabilities presented in the statement of financial position	Related amounts not offset in the statement of financial position	Net amount
Trade payables	102,445	76,953	25,492	-	25,492
		D	ecember 31, 2012		
(in millions of Korean won)	Gross amounts of recognized financial liabilities	Gross amounts of recognized financial assets offset in the statement of financial position	Net amounts of financial liabilities presented in the statement of financial position	Related amounts not offset in the statement of financial position	Net amount
Trade payables	60,988	47,393	13,595	-	13,595

5. Trade Receivables

Carrying amounts of trade receivables, and allowance for doubtful accounts, as of September 30, 2013 and December 31, 2012, are as follows:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Trade receivables	5,233,961	4,736,848
Less: allowance for doubtful accounts	(83,147)	(43,652)
Carrying amount	5,150,814	4,693,196

The aging analysis as of September 30, 2013 and December 31, 2012, is as follows:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Current	4,893,227	4,503,713
Up to 6 months	294,318	210,622
7 to 12 months	27,494	2,990
Over one year	3,941	5,540
Defaulted	14,981	13,983
Total	5,233,961	4,736,848

Transferred financial assets that are not derecognized in their entirety are as follows:

Trade receivables have been discounted through collateralized borrowing agreements with financial institutions at the end of the reporting period. In case the customers default, the Company has an obligation to pay the related amounts to the financial institution. As a result, this transaction has been accounted for as a collateralized borrowing (Note 10).

(in millions of Korean won)	September 30, 2013	December 31, 2012
Carrying amount of asset ¹		
Trade receivables	34,243	105,684
Carrying amount of associated liability ¹		
Short-term borrowings	(34,243)	(105,684)
Net position ²	-	-

¹ Fair values of the above trade receivables and short-term borrowings are the same as their carrying amounts, respectively.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

6. Other Financial Assets and Liabilities

Details of other financial assets and liabilities as of September 30, 2013 and December 31, 2012, are as follows:

September 30, 2013	December 31, 2012
31,574	32,530
<u> </u>	53,555
31,574	86,085
-	53,555
31,574	32,530
8,518	13,889
8,518	13,889
3,662	-
4,856	13,889
	31,574 - 31,574 - 31,574 8,518 8,518 3,662

Changes in available-for-sale financial assets for the nine-month periods ended September 30, 2013 and 2012, are as follows:

		2013					
		Disposal					
(in millions of Korean won)	Beginning	Acquisition	and others	Valuation	Impairment	Ending	
Listed equity securities	7,636	-	-	4,223	-	11,859	
Unlisted equity securities	24,894	4,500	(9,181)		(498)	19,715	
Total	32,530	4,500	(9,181)	4,223	(498)	31,574	

		2012					
			Disposal				
(in millions of Korean won)	Beginning	Acquisition	and others	Valuation	Impairment	Ending	
Listed equity securities	8,969	17	-	(1,313)	-	7,673	
Unlisted equity securities	31,830	-	(32)	-	(6,606)	25,192	
Debt securities	1,747		(252)	-	(1,495)	-	
Total	42,546	17	(284)	(1,313)	(8,101)	32,865	

The listed equity securities among the above equity securities are measured using quoted prices in active markets. However, the unlisted equity securities are measured at cost as they are mostly in the beginning of their business stages and their fair values cannot be reliably measured.

² Net position is the difference of fair value between the above transferred financial asset and the associated liability.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

The effects on comprehensive income due to valuation and elimination of available-for-sale financial assets for the nine-month periods ended September 30, 2013 and 2012, are as follows:

(in millions of Korean won)	2013	2012
Valuation:		
Recognition of other comprehensive income(loss), net of		
tax ¹	3,200	(995)
Recognition of impairment loss	(498)	(8,101)
Derecognition of unmarketable equity securities not	,	,
measured at fair value:		
Carrying amounts of derecognized equity securities	9,181	32
Gain on disposal of equity securities	5,218	65

¹ There were no reclassifications made through profit or loss in the nine-month periods ended September 30, 2013, and 2012.

7. Inventories

Inventories as of September 30, 2013 and December 31, 2012, consist of:

	September 30, 2013		December 31, 2012			
(in millions of Korean won)	Acquisition cost	Valuation allowance	Carrying amount	Acquisition cost	Valuation allowance	Carrying amount
Finished products and						
merchandise	414,542	(27,191)	387,351	415,220	(21,183)	394,037
Half-finished products and						
work-in-process	180,544	(1,693)	178,851	99,549	(5,125)	94,424
Raw materials and supplies	464,970	(22,602)	442,368	353,110	(29,620)	323,490
Other	142,220	(27,496)	114,724	128,599	(18,722)	109,877
Total	1,202,276	(78,982)	1,123,294	996,478	(74,650)	921,828

The loss on valuation of inventories recognized for the nine-month period ended September 30, 2013, amounts to \pm 66,088 million (2012: \pm 48,476 million).

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

8. Property, Plant and Equipment, and Intangible Assets

Changes in property, plant and equipment for the nine-month periods ended September 30, 2013 and 2012, are as follows:

(in millions of Korean won)	2013	2012	
At January 1	5,437,210	5,190,881	
Acquisitions	876,464	470,939	
Acquisitions from business combination	8,629	-	
Transfer-in	-	1,589	
Disposals and others	(11,961)	(36,084)	
Decrease due to business transfer	(4,103)	-	
Depreciation	(400,877)	(361,950)	
Impairment	(1,444)	(314)	
At September 30	5,903,918	5,265,061	

Changes in intangible assets for the nine-month periods ended September 30, 2013 and 2012, are as follows:

(in millions of Korean won)	2013	2012	
At January 1	962,002	915,977	
Acquisitions	67,947	59,938	
Acquisitions by internal development	168,338	137,695	
Acquisitions from business combination	6,078	-	
Transfer-in	65,277	72,027	
Disposals and others	(14,672)	(20,139)	
Decrease due to business transfer	(645)	-	
Amortization	(242,335)	(259,176)	
Impairment	(1,124)	-	
At September 30	1,010,866	906,322	

9. Investments in Subsidiaries, Associates and Joint Ventures

Investments in subsidiaries, associates and joint ventures as of September 30, 2013 and December 31, 2012, are as follows:

					Carrying amount			
(in millions of Korean won)	Classification at September 30, 2013	Location	Closing month	Percentage of ownership at September 30, 2013	September 30, 2013	December 31, 2012		
LG Display Co., Ltd.	Associate	Korea	December	37.9%	3,480,623	3,480,623		
LG Electronics U.S.A., Inc.(LGEUS)	Subsidiary	USA	December	100.0%	955,542	955,542		
LG Innotek Co., Ltd.	Subsidiary	Korea	December	47.9%	541,538	541,538		
LG Electronics India Pvt. Ltd.(LGEIL)	Subsidiary	India	March	100.0%	311,746	311,746		
LG Electronics do Brasil Ltda.(LGEBR)	Subsidiary	Brazil	December	100.0%	270,631	270,631		

LG Electronics Inc. Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

				_	Carrying	amount
(in millions of Korean won)	Classification at September 30, 2013	Location	Closing month	Percentage of ownership at September 30, 2013	September 30, 2013	December 31, 2012
LG Electronics Mlawa Sp. z o.o(LGEMA)	Subsidiary	Poland	December	100.0%	214,091	214,091
LG Electronics Tianjin Appliances Co., Ltd.(LGETA) LG Electronics European Holdings	Subsidiary	China	December	70.0%	161,331	161,331
B.V.(LGEEH)	Subsidiary	Netherlands	December	100.0%	148,551	148,551
Hiplaza Co., Ltd.	Subsidiary	Korea	December	100.0%	136,459	136,459
LG Holdings(HK) Ltd. Taizhou LG Electronics Refrigeration Co.,	Joint venture	Hong Kong	December	49.0%	129,386	129,386
Ltd.(LGETR)	Subsidiary	China	December	88.4%	97,608	97,608
P.T. LG Electronics Indonesia(LGEIN)	Subsidiary	Indonesia	December	100.0%	94,118	94,124
Ericsson-LG Co., Ltd.	Associate	Korea	December	25.0%	81,755	81,755
LG Electronics Panama, S.A.(LGEPS)	Subsidiary	Panama	December	100.0%	79,222	79,222
LG Electronics Wroclaw Sp.z o.o(LGEWR) LG Electronics Mexico S.A. DE	Subsidiary	Poland	December	100.0%	70,014	
C.V.(LGEMS)	Subsidiary	Mexico	December	100.0%	68,721	68,721
Hi Entech Co., Ltd.	Subsidiary	Korea	December	100.0%	63,118	63,118
LG Electronics Thailand Co., Ltd.(LGETH)	Subsidiary	Thailand	December	100.0%	55,578	55,578
Global OLED Technology LLC.	Associate	USA	December	32.7%	53,454	53,454
LG Electronics Australia Pty, Ltd.(LGEAP) Arcelic-LG Klima Sanayi ve Ticarta	Subsidiary	Australia	December	100.0%	50,664	50,664
A.S.(LGEAT)	Joint venture	Turkey	December	50.0%	40,844	40,844
Hitachi-LG Data Storage Inc.(HLDS) LG Electronics Vietnam Haiphong Co.,	Associate	Japan	December	49.0%	80,602	37,102
Ltd.(LGEVH)	Subsidiary	Vietnam	December	100.0%	37,698	-
LG Fuel Cell Systems Inc. LG Electronics Taiwan Taipei Co.,	Associate	USA	December	25.5%	26,098	26,098
Ltd.(LGETT)	Subsidiary	Taiwan	December	100.0%	10,865	10,865
LG Hitachi Water Solution Co., Ltd.	Subsidiary	Korea	December	51.0%	9,180	9,180
EIC PROPERTIES PTE LTD.	Joint venture	Singapore	December	38.2%	7,881	7,881
V-ENS (M) Sdn. Bhd.	Subsidiary	Malaysia	December	100.0%	2,832	-
LG Fund for Enterprises Korea Information Certificate Authority Inc. ¹	Joint venture	Korea	December	50.0%	2,136	2,136
VENS BEIJING VEHICLE ENGINEERING CO.,LTD	Associate Subsidiary	Korea China	December December	9.3%	1,242 1,063	
Hanuri Co., Ltd.	Subsidiary	Korea	December	100.0%	360	
Triveni Digital Inc.	-	-	-	-	300	899
SKT Vietnam PTE., Ltd.	Associate	Vietnam	December	25.4%	_	-
Others	Subsidiaries		2000111001	_0.170	749,570	749,775
Total	_				8,034,521	7,950,178
	_				0,007,021	7,000,170

¹ Classified as an associate although the percentage of ownership is less than 20% because the Company has significant influence over the investee's board of directors.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Changes in investments in subsidiaries, associates and joint ventures for the nine-month periods ended September 30, 2013 and 2012, are as follows:

(in millions of Korean won)	2013	2012
Opening net book amount	7,950,178	7,964,549
Acquisitions	98,585	67,290
Acquisitions from business combination	3,895	-
Disposals	(1,109)	(81,748)
Disposals from business combination	(17,028)	-
Closing net book amount	8,034,521	7,950,091

The Company recognizes investments in subsidiaries, associates and joint ventures at cost method on the basis of the direct equity interest and reviews indications that an impairment loss may have occurred at the end of each reporting period. On the occasion of the indication, the Company estimates the recoverable amount of the asset using various means including the future cash flow method and recognizes the impairment loss immediately as current loss by decreasing the book value of the asset if the book value exceeds the recoverable amount. The Company did not recognize the impairment loss relating to investments in subsidiaries, associates and joint ventures during the nine-month periods ended September 30, 2013 and 2012.

10. Borrowings

The carrying amounts of borrowings as of September 30, 2013 and December 31, 2012, are as follows:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Current		
Short-term borrowings	144,110	230,434
Current portion of long-term borrowings	517,500	337,500
Current portion of debentures	419,880	489,651
Sub-total	1,081,490	1,057,585
Non-current		
Long-term borrowings	1,658,750	2,152,500
Debentures	2,750,911	2,054,240
Sub-total	4,409,661	4,206,740
Total	5,491,151	5,264,325

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Details of borrowings are as follows:

i) Short-term borrowings as of September 30, 2013 and December 31, 2012, consist of:

		Annual interest rate	Carrying amount			
(in millions of Korean won)	Maturity date	at September 30, Maturity date 2013		December 31, 2012		
General loans						
LG Electronics European						
Shared Service Center B.V.	2013.12.27	3ML+0.95%	109,867	124,750		
Borrowings on negotiated trade bills ¹						
Shinhan Bank and others	-	0.48~0.67%	34,243	105,684		
Total			144,110	230,434		

¹ At the end of the reporting period, borrowings are collateralized by certain trade receivables of the Company (Note 5).

ii) Long-term borrowings as of September 30, 2013 and December 31, 2012, consist of:

		Annual interest rate September 30, 2013		September 30, 2013		
(in millions of Korean won)	Maturity date	2013	Total	Current	Non-current	
Local currency loans			_	_		
Kookmin Bank	2014.11.12	4.62%	150,000	-	150,000	
Kookmin Bank	2016.05.24	4.73%	190,000	-	190,000	
NH Bank	2014.03.10	4.70%	190,000	190,000	-	
Shinhan Bank	2016.10.19	4.37%	166,250	47,500	118,750	
Shinhan Bank	2017.02.16	4.60%	190,000	-	190,000	
Woori Bank	2017.10.28	4.62%	190,000	-	190,000	
Korea Development Bank	2014.04.07	4.45%	190,000	190,000	-	
Korea Development Bank	2014.11.24	4.55%	150,000	-	150,000	
Korea Development Bank	2014.12.24	4.71%	140,000	-	140,000	
Korea Development Bank	2015.03.10	5.06%	90,000	-	90,000	
Korea Finance Corporation	2014.02.28	4.56%	90,000	90,000	-	
Korea Finance Corporation	2015.02.28	4.80%	100,000	-	100,000	
Korea Finance Corporation	2015.09.13	4.57%	80,000	-	80,000	
Korea Finance Corporation	2015.12.24	4.64%	40,000	-	40,000	
Korea Finance Corporation	2016.04.20	4.63%	30,000	-	30,000	
Korea Finance Corporation	2017.03.29	4.62%	190,000	-	190,000	
Total	_		2,176,250	517,500	1,658,750	

LG Electronics Inc. Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

		Annual interest	De	December 31, 2012	12
(in millions of Korean won)	Maturity date	rate at December 31, 2012	Total	Current	Non-current
Local currency loans		_			
Kookmin Bank	2013.05.14	4.67%	190,000	190,000	-
Kookmin Bank	2014.11.12	4.62%	150,000	-	150,000
Kookmin Bank	2016.05.24	4.73%	190,000	-	190,000
NH Bank	2014.03.10	4.70%	190,000	-	190,000
Shinhan Bank	2016.10.19	4.37%	190,000	47,500	142,500
Shinhan Bank	2017.02.16	Financial bond 6M+0.94%	190,000	-	190,000
Woori Bank	2017.10.28	4.62%	190,000	-	190,000
Korea Development Bank	2013.03.11	4.59%	100,000	100,000	-
Korea Development Bank	2014.04.07	4.45%	190,000	-	190,000
Korea Development Bank	2014.11.24	4.55%	150,000	-	150,000
Korea Development Bank	2014.12.24	4.71%	140,000	-	140,000
Korea Development Bank	2015.03.10	5.06%	90,000	-	90,000
Korea Finance Corporation	2014.02.28	4.56%	90,000	-	90,000
Korea Finance Corporation	2015.02.28	4.80%	100,000	-	100,000
Korea Finance Corporation	2015.09.13	4.57%	80,000	-	80,000
Korea Finance Corporation	2015.12.24	4.64%	40,000	-	40,000
Korea Finance Corporation	2016.04.20	4.63%	30,000	-	30,000
Korea Finance Corporation	2017.03.29	4.62%	190,000	-	190,000
Total	_		2,490,000	337,500	2,152,500

iii) Debentures as of September 30, 2013 and December 31, 2012, consist of:

			Annual interest rate at	Sep	tember 30, 2	2013
(in millions of Korean won)	_	Maturity date	September 30, 2013	Total	Current	Non- current
Fixed rate notes in local currency	Public, non-guaranteed bonds (56 th)	2015.09.09	4.63%	190,000	-	190,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (57 th)	2015.10.22	4.30%	190,000	=	190,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (58-1st)	2014.02.16	4.44%	130,000	130,000	-
Fixed rate notes in local currency	Public, non-guaranteed bonds (58-2 nd)	2016.02.16	4.91%	60,000	-	60,000
Floating rate notes in foreign currency	Public, non-guaranteed bonds (59 th) ¹	2014.04.28	3ML+1.00%	182,852	182,852	-
Fixed rate notes in local currency	Public, non-guaranteed bonds (60 th)	2016.05.20	4.41%	190,000	=	190,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (61st)	2016.06.29	4.38%	190,000	=	190,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (62-2 nd)	2016.08.05	4.34%	80,000	-	80,000
Floating rate notes in foreign currency	Private, non-guaranteed bonds (63 rd) ¹	2014.08.23	3ML+0.70%	107,560	107,560	-
Fixed rate notes in local currency	Public, non-guaranteed bonds (64 th)	2016.09.30	4.32%	190,000	=	190,000
Fixed rate notes in foreign currency	Public, non-guaranteed bonds (65 th) ¹	2016.12.02	2.00%	255,347	-	255,347
Fixed rate notes in local currency	Public, non-guaranteed bonds (66-1st)	2015.09.10	3.18%	170,000	=	170,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (66-2 nd)	2017.09.10	3.28%	130,000	=	130,000
Fixed rate notes in local currency	Private, non-guaranteed bonds (67th)	2018.03.21	3.11%	300,000	=	300,000
Fixed rate notes in local currency	Private, non-guaranteed bonds (68-1 st)	2020.05.23	3.29%	100,000	-	100,000

LG Electronics Inc. Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Fixed rate notes in local currency	Private, non-guaranteed bonds (68-2 nd)	2020.05.24	3.29%	20,000	-	20,000
Fixed rate notes in local currency	Private, non-guaranteed bonds (68-3 rd)	2023.05.22	3.68%	50,000	-	50,000
Fixed rate notes in local currency	Private, non-guaranteed bonds (68-4 th)	2023.05.23	3.68%	30,000	-	30,000
Fixed rate notes in local currency	Private, non-guaranteed bonds (69-1st)	2015.07.31	2.86%	110,000	-	110,000
Fixed rate notes in local currency	Private, non-guaranteed bonds (69-2 nd)	2018.07.31	3.54%	140,000	-	140,000
Fixed rate notes in local currency	Private, non-guaranteed bonds (69-3 rd)	2020.07.31	3.85%	150,000	-	150,000
Floating rate notes in foreign currency	Foreign currency, guaranteed bonds (70 th)	2019.01.31	3ML+1.60%	215,120	-	215,120
Less: discount on debentures	_			(10,088)	(532)	(9,556)
Total	_			3,170,791	419,880	2,750,911

			Annual interest rate		cember 31, 20	012
(in millions of Korean won)	_	Maturity date	at December 31, 2012	Total	Current	Non- current
Fixed rate notes in local currency	Public, non-guaranteed bonds (54th)	2013.04.22	4.20%	190,000	190,000	-
Fixed rate notes in local currency	Public, non-guaranteed bonds (55 th)	2013.06.16	4.60%	190,000	190,000	-
Fixed rate notes in local currency	Public, non-guaranteed bonds (56th)	2015.09.09	4.63%	190,000	-	190,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (57 th)	2015.10.22	4.30%	190,000	-	190,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (58-1st)	2014.02.16	4.44%	130,000	-	130,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (58-2 nd)	2016.02.16	4.91%	60,000	-	60,000
Floating rate notes in foreign currency	Public, non-guaranteed bonds (59 th) ¹	2014.04.28	3ML+1.00%	182,087	-	182,087
Fixed rate notes in local currency	Public, non-guaranteed bonds (60 th)	2016.05.20	4.41%	190,000	-	190,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (61st)	2016.06.29	4.38%	190,000	-	190,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (62-1st)	2013.08.05	3.89%	110,000	110,000	-
Fixed rate notes in local currency	Public, non-guaranteed bonds (62-2 nd)	2016.08.05	4.34%	80,000	-	80,000
Floating rate notes in foreign currency	Private, non-guaranteed bonds (63 rd) ¹	2014.08.23	3ML+0.70%	107,110	-	107,110
Fixed rate notes in local currency	Public, non-guaranteed bonds (64th)	2016.09.30	4.32%	190,000	-	190,000
Fixed rate notes in foreign currency	Public, non-guaranteed bonds (65 th) ¹	2016.12.02	2.00%	252,216	-	252,216
Fixed rate notes in local currency	Public, non-guaranteed bonds (66-1st)	2015.09.10	3.18%	170,000	-	170,000
Fixed rate notes in local currency	Public, non-guaranteed bonds (66-2 nd)	2017.09.10	3.28%	130,000	-	130,000
Less: discount on debentures	_			(7,522)	(349)	(7,173)
Total	_			2,543,891	489,651	2,054,240

¹ The Company entered into a swap contract amounting to USD470 million with Shinhan Bank and others, and up to CHF215 million with Union Bank of Switzerland and others to hedge cash flow risk related to floating interest rates and foreign exchange rates of the debentures. Among the loss on valuation of the effective portion amounting to ₩1,624 million (2012: loss on valuation amounting to ₩12,337 million), after applying the tax effect, ₩9,415 million was reclassified from equity to loss (2012: loss of ₩14,857 million) and ₩7,791 million (2012: gain on valuation amounting to ₩2,520 million) was recognized as the gain on valuation in other comprehensive income during the nine-month period ended September 30, 2013.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Payment schedule of borrowings as of September 30, 2013, is as follows:

(in millions of Korean won)	Total	Less than 1 year	Less than 2 years	Less than 5 years	Over 5 years
Short-term borrowings	145,322	145,322	-	-	-
Current portion of long-term					
borrowings	530,618	530,618	-	-	-
Current portion of debentures	433,457	433,457	-	-	-
Long-term borrowings	1,848,530	77,862	685,518	1,085,150	-
Debentures	3,111,311	96,537	209,531	2,205,826	599,417
Total	6,069,238	1,283,796	895,049	3,290,976	599,417

The above cash flows are calculated at nominal value based on the earliest maturity dates, and include cash flows of principal and interests.

11. Net Defined Benefit Liability

The amounts recognized in the statements of financial position as of September 30, 2013 and December 31, 2012, are determined as follows:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Present value of funded obligations	1,499,619	1,365,526
Fair value of plan assets	(891,404)	(897,928)
Net defined benefit liability	608,215	467,598

The amounts recognized in the statements of income for the three-month and nine-month periods ended September 30, 2013 and 2012, are as follows:

	20	13	2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Current service cost	57,455	171,079	49,034	147,102
Net interest cost	3,559	10,648	3,548	10,644
Managing cost	306	919	371	1,114
Total	61,320	182,646	52,953	158,860

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

The line items in which expenses are included for the three-month and nine-month periods ended September 30, 2013 and 2012, are as follows:

	2013		2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Cost of sales	32,201	94,857	27,599	82,956
Selling and marketing expenses	8,365	25,233	7,704	23,306
Administrative expenses	3,526	10,625	2,704	7,825
Research and development				
expenses	16,330	49,206	14,171	42,423
Service costs	898	2,725	775	2,350
Total	61,320	182,646	52,953	158,860

Changes in the defined benefit obligations for the nine-month periods ended September 30, 2013 and 2012, are as follows:

(in millions of Korean won)	2013	2012
At January 1	1,365,526	1,073,729
Current service cost	171,079	147,102
Interest expense	36,918	35,989
Remeasurements for:		
- Actuarial gain(loss) arising from changes in		
financial assumptions	(20,747)	134,038
Increase from business combination	1,565	-
Benefits paid	(50,471)	(58,881)
Decrease due to business transfer	(4,251)	-
At September 30	1,499,619	1,331,977

Changes in the fair value of plan assets for the nine-month periods ended September 30, 2013 and 2012, are as follows:

(in millions of Korean won)	2013	2012
At January 1	897,928	710,111
Interest income	26,270	25,345
Remeasurements for:		
- Return on plan assets (excluding amounts		
included in interest income)	(1,442)	(899)
Employer contributions	-	90,000
Increase from business combination	986	-
Benefits paid	(28,480)	(38,327)
Decrease due to business transfer	(2,939)	-
Managing cost	(919)	(1,114)
At September 30	891,404	785,116

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

The principal actuarial assumptions used as of September 30, 2013 and December 31, 2012, are as follows:

	September 30, 2013	December 31, 2012
Discount rate	3.9%	3.7%
Future salary increase	6.0%	6.0%

The sensitivity analysis of defined benefit obligation to changes in principal assumptions as of September 30, 2013, and December 31, 2012, is as follows:

(in millions of Korean won)	1% increase	1% decrease
Discount rate	(136,439)	159,498
Future salary increase	154,149	(134,870)

Plan assets as of September 30, 2013 and December 31, 2012, consist of:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Securities combined with derivatives ¹ (guaranteed)	625,901	582,827
Time deposits and others	265,503	315,101
Total	891,404	897,928

¹ All amounts are invested in assets which have the quoted price in active markets.

12. Provisions

Changes in provisions during the nine-month periods ended September 30, 2013 and 2012, are as follows:

	2013				
				Litigation	
(in millions of Korean won)	Warranty	Sales returns	Restoration	and others	Total
At January 1	199,470	1,103	5,651	746,115	952,339
Additional provisions Increase from	314,203	5,193	115	71,451	390,962
business combination Amounts used during	257	-	-	-	257
the period	(288,904)	(4,488)	(192)	(29,913)	(323,497)
At September 30	225,026	1,808	5,574	787,653	1,020,061
Current	215,138	1,808	-	-	216,946
Non-current	9,888	-	5,574	787,653	803,115

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

	2012				
				Litigation	
(in millions of Korean won)	Warranty	Sales returns	Restoration	and others	Total
At January 1	177,586	493	4,568	331,922	514,569
Additional provisions Amounts used during	250,805	4,467	1,589	54,744	311,605
the period	(231,648)	(3,612)	(566)	(47,566)	(283,392)
At September 30	196,743	1,348	5,591	339,100	542,782
Current	187,386	1,348	-	-	188,734
Non-current	9,357	-	5,591	339,100	354,048

13. Paid-in Capital

As of September 30, 2013 and December 31, 2012, the number of shares authorized is 600 million.

	Par value	September 30, 2013		December 31, 2012	
	per share	Number of	Amount	Number of	Amount
	(in won)	shares issued	(in millions)	shares issued	(in millions)
Common stock	5,000	163,647,814	818,239	163,647,814	818,239
Preferred stock	5,000	17,185,992	85,930	17,185,992	85,930
Total	_	180,833,806	904,169	180,833,806	904,169

The preferred shareholders have no voting rights and are entitled to preferred dividends at a rate of one percentage point over that of common shares. This preferred dividend rate is not applicable to stock dividends. In addition, the preferred shareholders have same rights on the remaining assets as common shareholders. Repayment and conversion are not applicable to preferred shares.

Share premium balances are as follows:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Share premium	3,088,179	3,088,179

Share premium includes the following three amounts: (i) the amount of $\mbox{$\,$\fint{\psi}$1,876,153 million,}$ which is the net book amount of net assets amounting to $\mbox{$\,$\%{2,815,707}$}$ million taken over due to the split-off on April 1, 2002, less capital stock amounting to $\mbox{$\,$\%{783,961}$}$ million and capital adjustment amounting to $\mbox{$\,$\%{155,593}$}$ million; (ii) the amount of $\mbox{$\,$\%{331,766}$}$ million paid in excess of par value due to issuance of common shares (upon merger with LG IBMPC Co., Ltd.), and the exercise of conversion right and warrants in 2005 and 2006; and (iii) the excess in paid-in capital amounting to $\mbox{$\,$\%{880,260}$}$ million over the par value was recognized as the share premium due to issuance of common shares in 2011.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

14. Retained Earnings

Retained earnings as of September 30, 2013 and December 31, 2012, consist of:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Legal reserve ¹	149,503	145,816
Discretionary reserve ²	5,872,588	6,351,342
Retained earnings (Accumulated deficit)	(33,404)	(438,096)
Total	5,988,687	6,059,062

¹ The Commercial Code of the Republic of Korea requires the Company to appropriate, as a legal reserve, an amount equal to a minimum of 10% of cash dividends paid until such reserve equals 50% of its issued capital stock. The reserve is not available for the payment of cash dividends, but may be transferred to capital stock or used to reduce accumulated deficit.

15. Accumulated Other Comprehensive Income(loss)

Details of accumulated other comprehensive income(loss) as of September 30, 2013 and December 31, 2012, consist of:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Cash flow hedge	7,052	(739)
Available-for-sale financial assets	8,303	5,103
Total	15,355	4,364

16. Other Components of Equity

Details of other components of equity as of September 30, 2013 and December 31, 2012, consist of:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Treasury shares ¹	(44,893)	(44,893)
Consideration for conversion rights	9,891	9,891
Gain on disposal of treasury shares	2,183	2,183
Total	(32,819)	(32,819)

¹ The Company has treasury shares consisting of 763,168 shares (2012: 763,168 shares) of common shares and 4,690 shares (2012: 4,690 shares) of preferred shares at the reporting date. The Company intends to either grant these treasury shares to employees and directors as compensation, or to sell them in the future.

² The Company separately accumulates a discretionary reserve for research and human resource development through appropriation of retained earnings, which has been included as deductible expense for the corporate income tax return according to the Special Tax Treatment Law. The reserve can be reversed in accordance with the terms of related tax laws.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

17. Net Sales

Details of net sales for the three-month and nine-month periods ended September 30, 2013 and 2012, are as follows:

	2013		2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Sales of goods	6,571,670	20,441,485	6,245,269	18,654,633
Sales of services	89,581	206,696	64,044	170,966
Royalty income	82,849	264,193	98,002	261,690
Other	91,142	252,581	79,661	236,311
Total	6,835,242	21,164,955	6,486,976	19,323,600

18. Expenses by Nature

Expenses that are recorded by nature for the three-month and nine-month periods ended September 30, 2013 and 2012, consist of:

	2013		2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Changes in inventories Purchase of raw materials and	(74,072)	(201,466)	29,947	(126,424)
merchandise	4,725,524	14,483,199	4,218,485	12,793,064
Employee benefit expense	879,189	2,613,985	764,922	2,246,106
Depreciation and amortization	217,790	641,371	208,327	619,258
Advertising expense	128,476	350,991	236,552	479,700
Promotion expense	59,970	158,265	55,832	160,105
Transportation expense	159,824	493,254	163,932	477,428
Commission expense	353,414	1,058,677	361,431	1,001,089
Other expenses	546,293	1,613,410	480,900	1,404,293
Total ¹	6,996,408	21,211,686	6,520,328	19,054,619

¹ Cost of sales, selling and marketing expenses, administrative expenses, research and development expenses and service costs are included.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

19. General Operating Expenses (Selling and marketing expenses, Administrative expenses, Research and development expenses and Service costs)

Details of general operating expenses for the three-month and nine-month periods ended September 30, 2013 and 2012, are as follows:

	2013		2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Wages and salaries	333,297	1,011,613	283,324	850,769
Severance benefits	30,280	90,613	25,821	77,219
Welfare expense	54,721	156,934	47,931	132,155
Transportation expense	157,532	484,951	163,241	464,197
Rental expense	39,778	116,381	35,307	105,743
Commission expense	219,977	701,422	255,076	683,320
Depreciation	34,160	96,827	27,367	82,778
Amortization	37,378	149,728	68,163	205,257
Taxes and dues	5,617	10,974	7,900	13,353
Advertising expense	128,476	350,991	236,552	479,700
Promotion expense	59,970	158,265	55,832	160,105
Direct R&D costs	111,554	346,167	122,197	300,632
Direct service costs	118,693	302,243	83,444	245,364
Bad debt expense	(8,213)	39,466	(23,658)	20,810
Other	94,974	271,057	78,805	225,547
Total	1,418,194	4,287,632	1,467,302	4,046,949

20. Financial Income

Financial income for the three-month and nine-month periods ended September 30, 2013 and 2012, consists of:

	2013		2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Interest income	5,848	21,595	10,438	31,732
Exchange differences	34,141	116,900	38,493	140,754
Gain on derivatives	-	-	-	15,943
Other		167	608	608
Total	39,989	138,662	49,539	189,037

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

21. Financial Expenses

Financial expenses for the three-month and nine-month periods ended September 30, 2013 and 2012, consist of:

	2013		2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Interest expense	56,113	167,872	56,524	172,362
Exchange differences	37,143	116,390	69,054	172,672
Loss on derivatives	-	-	-	16,304
Loss on disposal of trade receivables	1,951	3,188	-	628
Other	1	29	351	437
Total	95,208	287,479	125,929	362,403

22. Other Non-operating Income

Other non-operating income for the three-month and nine-month periods ended September 30, 2013 and 2012, consists of:

	2013		2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Dividend income	47,002	304,488	5,681	280,359
Exchange differences	196,151	520,443	131,342	403,667
Gain on disposal of property, plant and equipment	3,214	4,941	1,949	3,236
Gain on disposal of intangible assets	4,458	4,723	28	724
Gain on disposal of available-for-sale financial assets Gain on disposal of investments in subsidiaries, associates and joint	-	5,218	-	84
ventures	-	2,574	-	133,009
Other	2,132	8,251	5,883	16,189
Total	252,957	850,638	144,883	837,268

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

23. Other Non-operating Expenses

Other non-operating expenses for the three-month and nine-month periods ended September 30, 2013 and 2012, consist of:

	2013		2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Exchange differences Loss on disposal of property, plant	235,760	665,461	94,026	383,687
and equipment	869	2,821	1,117	3,555
Loss on disposal of intangible assets Impairment loss on available-for-sale	3,725	13,500	6,520	19,308
financial assets	45	498	-	8,101
Other	8,355	78,867	8,886	65,271
Total	248,754	761,147	110,549	479,922

24. Earnings per Share

The Company has no potential dilutive common shares. Accordingly, basic earnings per share is identical to diluted earnings per share.

Basic earnings per common share for the three-month and nine-month periods ended September 30, 2013 and 2012, is as follows:

	2013		2012	
	Three months	Nine months	Three months	Nine months
Profit(loss) attributable to common shares (in millions of won) ¹ Weighted average number of	(129,725)	(45,188)	(58,459)	330,377
common shares outstanding (unit: shares) ² Basic earnings(loss) per common	162,884,646	162,884,646	162,884,648	162,884,649
share (in won)	(796)	(277)	(359)	2,028

Basic earnings per preferred share for the three-month and nine-month periods ended September 30, 2013 and 2012, is as follows:

	2013		2012	
	Three months	Nine months	Three months	Nine months
Profit(loss) attributable to preferred shares (in millions of won) ¹ Weighted average number of	(13,469)	(4,122)	(5,952)	35,493
preferred shares outstanding (unit: shares) ²	17,181,302	17,181,302	17,181,303	17,181,304
Basic earnings(loss) per preferred share (in won)	(784)	(240)	(346)	2,066

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

¹ Profit(loss) attributable to common and preferred shares for the three-month and nine-month periods ended September 30, 2013 and 2012, is as follows:

	201	13	2012		
(in millions of Korean won)	Three months	Nine months	Three months	Nine months	
Profit(loss) for the period (A)	(143,194)	(49,310)	(64,411)	365,870	
Common share dividends (B)	8,145	24,433	8,145	24,433	
Preferred share dividends (C) Undistributed earnings(loss)	1,073	3,221	1,073	3,221	
(D=A-B-C)	(152,412)	(76,964)	(73,629)	338,216	
Undistributed earnings(loss) available for common shares (E) Undistributed earnings(loss)	(137,870)	(69,621)	(66,604)	305,944	
available for preferred shares (F)	(14,542)	(7,343)	(7,025)	32,272	
Profit(loss) attributable to common shares (G=B+E) Profit(loss) attributable to	(129,725)	(45,188)	(58,459)	330,377	
preferred shares (H=C+F)	(13,469)	(4,122)	(5,952)	35,493	

² Weighted average numbers of shares for the three-month and nine-month periods ended September 30, 2013 and 2012, are calculated as follows:

	20^	13	2012	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Common shares outstanding	163,647,814	163,647,814	163,647,814	163,647,814
Common treasury shares	(763,168)	(763,168)	(763,166)	(763,166)
Common shares	162,884,646	162,884,646	162,884,648	162,884,648
Weighted average number of common shares outstanding	162,884,646	162,884,646	162,884,648	162,884,649
Preferred shares outstanding	17,185,992	17,185,992	17,185,992	17,185,992
Preferred treasury shares	(4,690)	(4,690)	(4,689)	(4,689)
Preferred shares	17,181,302	17,181,302	17,181,303	17,181,303
Weighted average number of preferred shares outstanding	17,181,302	17,181,302	17,181,303	17,181,304

25. Dividends

The dividends in respect of the year ended December 31, 2012, amounting to \$36,872 million, were paid in April 2013 (2012: \$36,872 million).

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

26. Information on Cash Flow

A reconciliation between operating profit(loss) and net cash inflow from operating activities for the nine-month periods ended September 30, 2013, and 2012, is as follows:

(in millions of Korean won)	2013	2012
Profit(loss) for the period	(49,310)	365,870
Adjustments:		
Interest expense, net	146,277	140,630
Exchange differences, net	29,561	(27,357)
Loss on derivatives, net	-	361
Depreciation	400,877	361,950
Amortization	242,335	259,176
Loss on disposal of property, plant and		
equipment and intangible assets, net	6,657	18,903
Provisions for severance benefits	207,997	183,091
Provisions	390,962	311,605
Impairment loss on available-for-sale financial		
assets	498	8,101
Dividend income	(304,488)	(280,359)
Income tax expense(benefit)	(56,747)	87,091
Gain on disposal of investments in		
subsidiaries, associates and joint ventures	(2,560)	(133,009)
Other	113,552	78,612
	1,174,921	1,008,795
Changes in operating assets and liabilities:		
Increase in trade receivables	(553,680)	(192,381)
Increase in loans and other receivables	(207,107)	(41,893)
Increase in inventories	(267,554)	(174,900)
Increase in other assets	(51,545)	(43,970)
Increase in trade payables	710,215	394,635
Increase in other payables	202,932	152,719
Decrease in provisions	(323,496)	(283,392)
Increase(decrease) in other liabilities	56,828	(61,657)
Payment of defined benefit liability	(21,991)	(20,554)
Payment of plan assets	(25,351)	(114,231)
	(480,749)	(385,624)
Cash generated from operations	644,862	989,041

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Significant transactions not affecting cash flows for the nine-month periods ended September 30, 2013 and 2012, are as follows:

(in millions of Korean won)	2013	2012
Reclassification of construction-in-progress of property, plant		
and equipment	488,764	170,806
Reclassification of intangible assets in progress	127,456	158,243
Reclassification of long-term prepayment to intangible assets	65,277	71,852
Reclassification of current maturities of borrowings	911,798	803,059

The assets and liabilities arising from the transfer of business

- The Company transferred the Data Storage division to Hitachi-LG Data Storage Inc. on March 1, 2013.
- ii) Total consideration received and the assets and liabilities arising from the transfer of business are as follows:

(in millions of Korean won)	Amount
Total consideration ¹	3,436
Assets of the transferred business:	
Property, plant and equipment	4,103
Intangible assets	645
Liabilities of the transferred business:	
Net defined benefit liabilities	1,312

¹ This total consideration is recognized as loans and other receivables as of September 30, 2013.

27. Contingencies

- (a) At the end of the reporting period, the Company is provided with a performance guarantee of ₩135,220 million (2012: ₩130,483 million) from Seoul Guarantee Insurance and two other banks relating to the sales contracts.
- (b) At the end of the reporting period, the Company is contingently liable for guarantees amounting to $\mbox{$\fill $\fill $3,020,090$}$ million (2012: $\mbox{$\fill $\fill $2,519,427$}$ million) on the indebtedness of its subsidiaries. Details are as follows:

(in millions of Korean won)	September 30, 2013	December 31, 2012
LG Electronics European Shared Service Center		
B.V.(LGESC)	616,882	532,522
LG Electronics U.S.A., Inc.(LGEUS)	317,302	289,197
LG Electronics Ticaret A.S.(LGETK)	300,620	226,845
LG Electronics (China) Co., Ltd.(LGECH)	198,317	195,293
LG Electronics do Brasil Ltda.(LGEBR)	153,004	133,888
LG Electronics Inc Chile Ltda.(LGECL)	138,518	101,326
LG Electronics Algeria SARL(LGEAS)	124,250	108,482

LG Electronics Inc. Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

(in millions of Korean won)	September 30, 2013	December 31, 2012
LG Electronics Argentina S.A.(LGEAR)	111,659	81,714
LG-Shaker Co., Ltd.(LGESR)	110,964	110,496
LG Electronics Vietnam Co., Ltd.(LGEVN)	102,538	75,534
LG Electronics Thailand Co., Ltd.(LGETH)	84,099	83,830
LG Electronics Philippines Inc.(LGEPH)	65,322	56,098
LG Electronics Morocco S.A.R.L(LGEMC)	58,275	57,065
LG Electronics Peru S.A.(LGEPR)	55,147	44,129
LG Electronics Almaty Kazakhstan(LGEAK)	45,175	22,493
LG Electronics RUS, LLC(LGERA)	43,024	42,844
LG Electronics S.A. (Pty) Ltd.(LGESA)	41,839	49,646
Other	453,155	308,025
Total	3,020,090	2,519,427

The maturities of the above limited guarantees provided by the Company as of the end of the reporting period are as follows:

(in millions of Korean won)	2013		
Less than 1 year	Less than 2 years	Less than 5 years	Over 5 years
2,942,817	22,205	55,068	-

(c) The Company has contingent liabilities with respect to litigations and others arising in the ordinary course of business. Major investigations and litigations are as follows:

In December 2012, the European Commission imposed a penalty on the Company for anticompetitive activities among Cathode Ray Tube (CRT) manufacturers as a result of an investigation. The Company recognized such penalty amounting to EUR491,567 thousand as a litigation provision. However, the Company appealed the decision of the European Commission. In this regard, the Company has submitted the bank guarantee to the European Commission. The ultimate amount of loss resulting from the investigation may differ from the amount of penalty imposed.

The Company and certain foreign subsidiaries have been named as defendants in a class action in the United States and in Canada, in connection with the alleged anti-competitive activities among Optical Disk Drive (ODD) manufacturers. The consequences of those lawsuits and the effect on the financial statements could not be estimated reasonably as of the end of reporting period.

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There are a number of other legal actions that remain pending at the end of the reporting period. It is not anticipated that any material liabilities will arise from these contingent liabilities other than those provided for.

28. Commitments

- (a) At the end of the reporting period, the Company has overdraft facility agreements with various banks, including Shinhan Bank, with a limit of \$195,500 million (2012: \$245,500 million).
- (b) At the end of the reporting period, the Company has sales agreements for export trade receivables with Shinhan Bank and other 28 various banks amounting to \$4,465,891 million (2012: \$4,879,932 million). The Company has corporate electronic settlement services contracts for collection of trade receivables with Hana Bank of up to \$126,000 million (2012: \$126,000 million).
- (c) At the end of the reporting period, the Company has corporate electronic settlement services contracts with Shinhan Bank and seven other banks for up to \$895,450 million (2012: \$945,450 million) which guarantee the payment of trade accounts payable in case the suppliers sell their trade receivables.
- (d) At the end of the reporting period, the Company has other trade financing agreements and loan commitments with financial institutions, including Industrial Bank of Korea.
- (e) Contractual commitments for the acquisition of assets

The property, plant and equipment, and intangible assets contracted for, but not yet acquired at the end of the reporting period are as follows:

(in millions of Korean won)	September 30, 2013	December 31, 2012
Property, plant and equipment	28,468	22,182
Intangible assets	5,614	20
Total	34,082	22,202

(f) Operating lease commitments – the Company as lessee

The future aggregate minimum lease payments under non-cancellable operating leases at the end of the reporting period are as follows:

	September 30, 2013			
(in millions of Korean won)	No later than 1 year	Later than 1 year and no later than 5 years	Total lease payments	
Buildings and offices	38,424	63,385	101,809	
Vehicles	11,382	5,393	16,775	
Equipment	15,566	11,454	27,020	
Total	65,372	80,232	145,604	

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(g) Operating lease commitments - the Company as lessor

The Company has an operating lease agreement regarding the healthcare rental business that lends water purifiers to customers. The future aggregate lease receipts under operating leases at the end of the reporting period are as follows:

	September 30, 2013			
	No later than	Later than 1 year and	Over	Total lease
(in millions of Korean won)	1 year	no later than 3 years	3 years	receipts
Healthcare rental	80,133	137,410	52,846	270,389

The Company recognized ₩56,399 million (2012: ₩38,928 million) in lease income for the nine-month period ended September 30, 2013.

At the end of reporting period, acquisition cost of operating lease assets amounts to \$71,515 million and their accumulated depreciation amounts to \$26,731 million.

(h) Trademark license commitments

At the end of the reporting period, the Company has various agreements as follows:

Purpose	Related products	Provided by	Used by
		QUALCOMM Incorporated	
Use of license	Mobile	and others	LG Electronics Inc.
			Panasonic Corporation
Provision of license	Home appliance	LG Electronics Inc.	and others

29. Related Party Transactions

Subsidiaries as of September 30, 2013, are as follows:

Territory	Location	Subsidiaries
The Republic of Korea	Korea	Hiplaza Co., Ltd.
The Republic of Refea	Korea	Hi Business Logistics Co., Ltd.
	Korea	Hi Entech Co., Ltd.
	Korea	LG Hitachi Water Solution Co., Ltd.
	Korea	ACE R&A Co., Ltd.
	Korea	Hi-M.Solutek Co., Ltd.
	Korea	Hi Teleservice Co., Ltd.
	Korea	LGE Alliance Fund
	Korea	Innovation investment Fund
	Korea	KTB Technology Fund
	Korea	LG Innotek Co., Ltd.
	Korea	LG Innotek Alliance Fund
	Korea	Innowith Co., Ltd.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Territory	Location	Subsidiaries
	Korea	Hanuri Co., Ltd.
China	China	Hi Logistics (China) Co., Ltd.
	China	Inspur LG Digital Mobile Communications Co., Ltd.(LGEYT
	China	LG Electronics (China) Co., Ltd.(LGECH) LG Electronics (China) Research and Development Centre
	China	Co., Ltd.(LGERD)
	China	LG Electronics (Hangzhou) Co., Ltd.(LGEHN)
	China	LG Electronics (Kunshan) Computer Co., Ltd.(LGEKS) LG Electronics (Shanghai) Research and Development
	China	Center Co., Ltd.(LGCRC) LG Electronics Air-Conditioning(Shandong) Co.,
	China	Ltd.(LGEQA)
	China	LG Electronics HK Ltd.(LGEHK)
	China	LG Electronics Huizhou Ltd.(LGEHZ)
	China	LG Electronics Nanjing Display Co., Ltd.(LGEND)
	China	LG Electronics Qinhuangdao Inc.(LGEQH)
	China	LG Electronics Shenyang Inc.(LGESY)
	China	LG Electronics Tianjin Appliances Co., Ltd.(LGETA)
	China	NanJing LG-Panda Appliances Co., Ltd.(LGEPN) Qingdao LG Inspur Digital Communication Co.,
	China	Ltd.(LGEQD)
	China	Shanghai LG Electronics Co., Ltd.(LGESH)
	China	Taizhou LG Electronics Refrigeration Co., Ltd.(LGETR)
	China	Tianjin Lijie cartridge heater Co., Ltd.(LGETL)
	China	LG Innotek (Yantai) Co., Ltd.(LGITYT)
	China	LG Innotek (Huizhou) Co., Ltd.(LGITHZ)
	China	LG Innotek (Fuzhou) Co., Ltd.(LGITFZ)
	China	LG Innotek (Guangzhou) Co., Ltd.(LGITGZ)
	China	LG Innotek Trading (Shanghai) Co., Ltd.(LGITSH)
	China	HiEntech (Tianjin) Co., LTD.
Asia	China	VENS BEIJING VEHICLE ENGINEERING CO.,LTD
Asia	Australia	LG Electronics Australia Pty, Ltd.(LGEAP)
	India	LG Electronics India Pvt. Ltd.(LGEIL)
	Japan	LG Electronics Japan Lab. Inc.(LGEJL)
	Japan	LG Electronics Japan, Inc.(LGEJP)
	Malaysia	LG Electronics Malaysia SDN. BHD(LGEML)
	Philippines	LG Electronics Philippines Inc.(LGEPH)
	Singapore - ·	LG Electronics Singapore PTE LTD.(LGESL)
	Taiwan	LG Electronics Taiwan Taipei Co., Ltd.(LGETT)
	Thailand	LG Electronics Thailand Co., Ltd.(LGETH)
	Vietnam	LG Electronics Vietnam Co., Ltd.(LGEVN)

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Territory	Location	Subsidiaries
	India	LG Soft India Private Limited.(LGSI)
	Indonesia	P.T. LG Electronics Indonesia(LGEIN)
	Philippines	LG Electronics Pasig Inc.
	India	Hi Logistics India Private Limited
	Malaysia	HI LOGISTICS MALAYSIA SDN BHD
	Indonesia	PT LG Innotek Indonesia(LGITIN)
	Taiwan	LG Innotek (Taiwan) Ltd.(LGITTW)
	Malaysia	V-ENS (M) Sdn. Bhd.
	Vietnam	LG Electronics Vietnam Haiphong Co Ltd.
Europe	Netherlands	Hi Logistics Europe B.V.
	Austria	LG Electronics Austria GmbH(LGEAG)
	Netherlands	LG Electronics Benelux Sales B.V.(LGEBN)
	Czech Republic	LG Electronics CZ, s.r.o.(LGECZ)
	Germany	LG Electronics Deutschland GmbH(LGEDG)
	Spain	LG Electronics Espana S.A.(LGEES)
	Netherlands	LG Electronics European Holdings B.V.(LGEEH)
	Netherlands	LG Electronics European Shared Service Center B.V.(LGESC)
	France	LG Electronics France S.A.S.(LGEFS)
	Greece	LG Electronics Hellas S.A.(LGEHS)
	Italy	LG Electronics Italia S.p.A(LGEIS)
	Latvia	LG Electronics Latvia, LLC(LGELV)
	Hungary	LG Electronics Magyar KFT(LGEMK)
	Poland	LG Electronics Mlawa Sp. z o.o(LGEMA)
	France	LG Electronics Mobilecomm France(LGEMF)
	Sweden	LG Electronics Nordic AB(LGESW)
	Norway	LG Electronics Norway AS(LGENO)
	Poland	LG Electronics Polska Sp. z o.o(LGEPL)
	Portugal	LG Electronics Portugal S.A.(LGEPT)
	Romania	LG Electronics Romania S.R.L.(LGERO)
	UK	LG Electronics United Kingdom Ltd.(LGEUK)
	Poland	LG Electronics Wroclaw Sp.z o.o(LGEWR)
	Poland	LG Innotek Poland Sp z o.o.(LGITPO)
North America	USA	LG Electronics Miami Inc.(LGEMI)
	USA	LG Electronics Alabama Inc.(LGEAI)
	Canada	LG Electronics Canada, Inc.(LGECI)
	Mexico	LG Electronics Mexicalli, S.A. DE C.V.(LGEMX)
	Mexico	LG Electronics Mexico S.A. DE C.V.(LGEMS)
	USA	LG Electronics Mobile Research U.S.A., L.L.C.(LGEMR)

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Territory	Location	Subsidiaries
	USA	LG Electronics Mobilecomm U.S.A., Inc.(LGEMU)
	Mexico	LG Electronics Monterrey Mexico S.A.de C.V.(LGEMM)
	Mexico	LG Electronics Reynosa S.A. DE C.V.(LGERS)
	USA	LG Electronics U.S.A., Inc.(LGEUS)
	USA	LG Receivable Funding LLC
	Mexico	Servicios Integrales LG S.A DE C.V
	Mexico	Servicios LG Monterrey Mexico S.A. de C.V.
	USA	Zenith Electronics Corporation of Pennsylvania
	USA	Zenith Electronics Corporation(Zenith)
	USA	LG Innotek USA, Inc.(LGITUS)
	Mexico	HILOGISTICS MEXICO SA DE CV
	Mexico	HiLogistics Reynosa
	USA	HiLogistics USA
	Mexico	LG Innotek Mexico SA DE CV
South America	Brazil	LG Armagem Geral Ltda.
	Argentina	LG Electronics Argentina S.A.(LGEAR)
	Colombia	LG Electronics Colombia Ltda.(LGECB)
	Brazil	LG Electronics do Brasil Ltda.(LGEBR)
	Honduras	LG Electronics Honduras S.de R.L.
	Chile	LG Electronics Inc Chile Ltda.(LGECL)
	Panama	LG Electronics Panama, S.A.(LGEPS)
	Peru	LG Electronics Peru S.A.(LGEPR)
	Venezuela	LG Electronics Venezuela S.A.(LGEVZ)
	Brazil	SOCIO VIP Ltda.
	Panama	C&S America Solutions
	Panama	LG Consulting corp.
A#111 =	Panama	LG Electronics Guatemala S.A.
Middle East and Africa	Nigeria	Easytec Global Services Innovation Limited
	Angola	LG Electronics Angola Limitada(LGEAO)
	Jordan	LG Electronics (Levant) Jordan(LGELF)
	UAE	LG Electronics Africa Logistics FZE(LGEAF)
	Algeria	LG Electronics Algeria SARL(LGEAS)
	UAE	LG Electronics Dubai FZE(LGEDF)
	Egypt	LG Electronics Egypt S.A.E(LGEEG)
	UAE	LG Electronics Gulf FZE(LGEGF)
	UAE	LG Electronics Middle East Co., Ltd.(LGEME)
	Morocco	LG Electronics Morocco S.A.R.L(LGEMC)
	Nigeria	LG Electronics Nigeria Limited(LGENI)

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Territory	Location	Subsidiaries
	Tunisia	LG Electronics North Africa Service Company S.A.R.L
	UAE	LG Electronics Overseas Trading FZE(LGEOT)
	South Africa	LG Electronics S.A. (Pty) Ltd.(LGESA)
	Turkey	LG Electronics Ticaret A.S.(LGETK)
	Saudi Arabia	LG-Shaker Co., Ltd.(LGESR)
	Kenya	LG Electronics Service Kenya Limited(LGESK)
	Saudi Arabia	LG Electronics Saudi Arabia Limited
	UAE	Hi Logistics Middle East FZE
Other	Russia	LG Alina Electronics(LGERI)
	Kazakhstan	LG Electronics Almaty Kazakhstan(LGEAK)
	Russia	LG Electronics RUS, LLC(LGERA)
	Russia	LG Electronics RUS-Marketing, LLC(LGERM)
	Ukraine	LG Electronics Ukraine Inc.(LGEUR)

The related parties of the Company, other than subsidiaries, as of the end of reporting period are as follows:

Classification	Name
Entity that significantly influences the	
Company	LG Corp.
Associates and joint ventures ¹	LG Display Co., Ltd. and others
Other related parties	SERVEONE Co., Ltd., LG CNS Co., Ltd., and others

¹ The details of associates and joint ventures are provided in Note 9.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Significant transactions and balances

 Significant transactions for the nine-month periods ended September 30, 2013 and 2012, and balances as of September 30, 2013 and December 31, 2012, are as follows:

	201	3	2012	
(in millions of Korean won)	Sales	Purchases	Sales	Purchases
LG Corp.	1,029	102,516	2,416	95,789
Subsidiaries	14,260,649	1,722,841	12,883,698	1,323,340
Associates and joint ventures	262,381	1,558,955	330,155	1,203,088
Other related parties	34,727	968,383	64,412	878,587
Total	14,558,786	4,352,695	13,280,681	3,500,804

	September	30, 2013	December 31, 2012	
(in millions of Korean won)	Receivables	Payables	Receivables	Payables
LG Corp.	22,045	4,518	29,394	503
Subsidiaries	4,218,673	2,204,165	3,685,152	2,282,739
Associates and joint ventures	135,267	366,169	92,525	193,371
Other related parties	76,155	312,667	76,154	398,012
Total	4,452,140	2,887,519	3,883,225	2,874,625

ii) Significant capital transactions with related parties and others for the nine-month periods ended September 30, 2013 and 2012, are as follows:

(in millions of Korean won)	2013	2012
Subsidiaries		
Capital investment	-	32,000
Receipt of dividends	293,943	243,743
Associates and joint ventures		
Capital investment	43,500	-
Receipt of dividends Other related parties	10,250	36,341
Acquisition of shares	17,000	-

iii) The details of the transfer of business between the Company and related parties are provided in Note 26.

The payment guarantees for related parties at the end of the reporting period are presented in Note 27.

The Company has not recognized any allowance for trade receivables from related parties for the nine-month periods ended September 30, 2013 and 2012.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

30. Risk Management

Financial Risk Management

The Company's financial risk management ("FRM") policy supports each business division to achieve excellent performance solidly and continuously against market risk, credit risk and liquidity risk. In addition, FRM helps the Company to enhance cost competitiveness through cost-efficient financing cost by improving financial structure and effective cash management.

While cooperating with other divisions, the finance team of the Company mainly implements FRM. This involves setting-up risk management policies and recognizing, evaluating and hedging risks from a global point of view.

The Company mitigates the adverse effects from financial risk by periodically monitoring the risk and updating FRM policy each year.

The information of the carrying amount of each category of financial instruments and the details of borrowings related to the financial risk management are presented in Note 4 and Note 10, respectively.

(a) Market risk

i) Foreign exchange risk

Due to its multinational business operations, the Company is mainly exposed to foreign exchange risk on the US Dollar and Euro. The Japanese Yen, Australian Dollar, British Pound and Canadian Dollar also need to be considered for foreign exchange risk.

The purpose of foreign exchange risk management is to provide the foundation of a stable business operation by minimizing the uncertainty and volatility of foreign exchange gains and losses from foreign exchange rate fluctuations.

The Company's foreign exchange risk management policy is implemented under its global hedge policy. The Company consistently reviews and applies hedge measures through various efficient means including the negotiation on trade receivables in foreign currency.

Speculative foreign exchange trading is strictly prohibited.

As of September 30, 2013 and December 31, 2012, if the foreign exchange rate of the Korean won fluctuated by 10% while other variables were fixed, the effects on income(loss) before tax would be as follows:

	Septembe	er 30, 2013	December 31, 2012	
(in millions of Korean won)	10% increase	10% decrease	10% increase	10% decrease
USD/KRW	(87,137)	87,137	(139,678)	139,678
EUR/KRW	39,336	(39,336)	42,169	(42,169)

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The above sensitivity analysis is done with foreign currency denominated assets and liabilities which are not in the Company's functional currency.

ii) Interest rate risk

The Company is exposed to interest rate risk through changes in interest-bearing assets or liabilities. The risk mainly arises from financial deposits and borrowings with variable interest rates linked to market interest rate changes in the future. The objective of interest rate risk management lies in maximizing corporate value by minimizing uncertainty caused by fluctuations in interest rates and minimizing net interest expense.

As of September 30, 2013, the Company is partially exposed to the interest rate risk as interest rates increase. However, to mitigate interest rate risk, the Company manages interest rate risk fundamentally by minimizing external borrowings through utilizing internal funds within the Company, reducing borrowings with high interest rates, maintaining an adequate mix between short-term and long-term liabilities and between fixed and variable interest rates, monitoring daily, weekly, and monthly interest rate trends in domestic and international markets, setting up counter measures and managing short-term borrowings and financial deposits with variable interest rate.

At the end of the reporting period, if interest rates fluctuate by 100bp without other variables changing, the effects on income and expenses related to borrowings and financial deposits with variable interest rates for the nine-month periods ended September 30, 2013 and 2012, are as follows:

	September	· 30, 2013	September 30, 2012	
//	100bp	100bp	100bp	100bp
(in millions of Korean won)	increase	decrease	increase	decrease
Interest expense	822	(822)	2,719	(2,719)
Interest income	7,027	(7,027)	11,312	(11,312)

iii) Price risk

The Company is exposed to price risk through securities owned by the Company classified as available-for-sale financial assets on the interim separate financial statements.

The listed securities owned by the Company are traded in the public market, and related to KOSPI and KOSDAQ Indices.

The effect of price index's fluctuation related to the listed securities on the equity (before applying the tax effect) is set out in the below table. The analysis is performed in respect of 30% increase/decrease of price index under the assumption that other variations are consistent and the listed securities owned by the Company have correlation with the relevant past index.

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	September 30, 2013		December 31, 2012	
(in millions of Korean won)	30% increase	30% decrease	30% increase	30% decrease
KOSPI	1	(1)	1	(1)
KOSDAQ	2,936	(2,936)	1,764	(1,764)

The valuation and the reclassified amounts of the cash flow hedging derivative and the available-for-sale financial asset related to the market risk above are presented in Note 6 and Note 10, respectively.

(b) Credit risk

The Company operates a consistent Global Credit / TR (trade receivables) policy to manage credit risk exposure.

The purpose of the Global Credit / TR policy is to support timely decision-making and minimize loss by securing payment of TR. The policy is composed of five categories: Credit Management, TR Management, Internal Credit Limit Management, Credit / TR Risk Monitoring and Country Risk Management.

Assumed TR risk is especially mitigated with credit insurance, guarantees / collateral, and internal credit limits. In order to manage the risk, Credit Insurance Program is structured with Korea Trade Insurance Corporation (K-Sure) and Seoul Guarantee Insurance (Coface).

Adequate internal credit limit is assessed by the evaluation standards of Global Credit / TR Policy and applied strictly with authorization matrix and procedures.

As of September 30, 2013, trade receivable balance of the Company, excluding the trade receivables from the subsidiaries, is $\mbox{$\frac{1}{2}$}1,146,240$ million (2012: $\mbox{$\frac{1}{2}$}1,263,124$ million) and its risk is managed appropriately with insurer's credit limit of $\mbox{$\frac{1}{2}$}2,347,843$ million (2012: $\mbox{$\frac{1}{2}$}2,631,644$ million).

(c) Liquidity risk

Liquidity risk is defined as the risk that the Company is unable to meet its short-term payment obligations on time due to deterioration of its business performance or inability to access financing.

The Company forecasts its cash flow and liquidity status, and sets action plans on a regular base to manage liquidity risk proactively. The Company assigns experts in four overseas regional treasury centers ("RTC") to manage liquidity risk efficiently.

In addition, the Company copes with potential financial distress by maintaining adequate amount of cash and committed credit facilities. The balance of cash and cash equivalents, and current-financial deposits at September 30, 2013, is \$1,001,999 million (2012: \$1,164,246

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

million). The Company maintains total committed credit lines of \$\\$600,000\$ million (2012: \$\\$600,000\$ million) in Woori Bank, Kookmin Bank, and Shinhan Bank in Korea at September 30, 2013.

As of September 30, 2013, the balance of cash and cash equivalents, and current-financial deposits of the Company is about 93% (2012: 110%) of current borrowings due in 12 months. If committed credit lines are included, the balance covers about 148% (2012: 167%) of short-term borrowings.

In addition, the Company is able to source funds any time in domestic and international financial markets as of the end of reporting period because it has good investment credit grades from Korea Investors Service, Korea Ratings and NICE Information Service of AA0-Stable, and Standard & Poors and Moody's of BBB- Positive and Baa2 Negative, respectively.

Cash flow information on maturity of borrowings is presented in Note 10.

Capital Risk Management

The Company's capital risk management purpose is to maximize shareholders' value through maintaining a sound capital structure. The Company monitors financial ratios, such as liability to equity ratio and net borrowing ratio each month and implements required action plan to improve the capital structure.

Debt-to-equity ratio and net borrowing ratio are as follows:

(in millions of Korean won, except for ratios)	September 30, 2013	December 31, 2012
Liabilities (A)	15,132,385	13,809,221
Equity (B)	9,963,571	10,022,955
Cash and cash equivalents and current-financial		
deposits (C)	1,001,999	1,164,246
Borrowings (D)	5,491,151	5,264,325
Debt-to-equity ratio (A/B)	152%	138%
Net borrowings ratio (D-C)/B	45%	41%

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

Fair Value Estimation

(a) The book values and fair values of the Company's financial assets and liabilities are as follows:

September 30, 2013		December 31, 2012	
Book		Book	
amount	Fair value	amount	Fair value
936,999	936,999	1,114,246	1,114,246
65,000	65,000	50,000	50,000
5,150,814	5,150,814	4,693,196	4,693,196
491,563	491,563	328,652	328,652
-	-	53,555	53,555
11,859	11,859	7,636	7,636
4,284	4,284	14,321	14,321
398,694	367,649	407,037	375,418
7,059,213	7,028,168	6,668,643	6,637,024
	936,999 65,000 5,150,814 491,563	Book amount Fair value 936,999 936,999 65,000 65,000 5,150,814 5,150,814 491,563 491,563 - - 11,859 11,859 4,284 4,284 398,694 367,649	Book amount Fair value Book amount 936,999 936,999 1,114,246 65,000 65,000 50,000 5,150,814 5,150,814 4,693,196 491,563 491,563 328,652 - - 53,555 11,859 11,859 7,636 4,284 4,284 14,321 398,694 367,649 407,037

¹ Available-for-sale financial assets measured at cost are not included in the above table.

	September 30, 2013		December 31, 2012	
	Book		Book	
(in millions of Korean won)	amount	Fair value	amount	Fair value
Current financial liability items				
[Liabilities at fair value]				
- Other financial liabilities				
Derivatives for hedging purposes	3,662	3,662	-	-
[Liabilities at amortized cost]				
- Trade payables	4,677,703	4,677,703	3,995,679	3,995,679
- Borrowings	1,081,490	1,081,490	1,057,585	1,057,585
- Other payables	1,439,501	1,439,501	1,628,323	1,628,323
Non-current financial liability items				
[Liabilities at fair value]				
- Other financial liabilities				
Derivatives for hedging purposes	4,856	4,856	13,889	13,889
[Liabilities at amortized cost]				
- Borrowings	4,409,661	4,529,633	4,206,740	4,348,447
Total financial liabilities	11,616,873	11,736,845	10,902,216	11,043,923

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

No significant changes in the business environment and economic environment that affect the fair value of financial assets and financial liabilities occurred during the reporting period.

(b) The fair value for the purpose of measurement and disclosure have been determined based on the methods explained below:

i) Derivatives

The Company determined the fair value of derivatives by using valuation technology based on market condition. These valuation techniques maximize the use of observable market information and minimize the use of entity-specific information. The fair value of derivative financial instruments are measured at a discounted present value using the forward exchange rates at the end of the reporting period.

ii) Available-for-sale financial assets

The fair value of available-for-sale financial assets traded in active markets is determined based on quoted market prices at the end of the reporting period. When quoted prices are readily and regularly available from stock exchanges, dealers, brokers, entities within the same industry, pricing services or regulatory agencies, and those prices represent actual and regularly occurring market transactions on an arm's length basis, this is deemed to be an active market. The quoted market price used for available-for-sale financial assets held by the Company is the current bid price.

iii) Non-current loans and other receivables

The fair values of non-current loans and other receivables have been calculated based on the expected future cash inflows discounted at a rate that reflects the credit risk of the nominal value.

	September 30, 2013	December 31, 2012	
Discount rate	5.01%	5.62%	

iv) Non-current borrowings

The fair values of non-current borrowings have been calculated based on the expected future cash outflow discounted using the unsecured corporate bond yield of the companies with the same credit ratings.

v) Current financial assets and current financial liabilities

Current assets and current liabilities have short-term maturities, therefore the fair value approximates the carrying value.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

(c) Methods and Assumptions in Determining Fair Value

The Company classifies fair value measurements using a fair value hierarchy that reflects the significance of the inputs used in measurements.

- Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2: inputs other than quoted prices 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).

	September 30, 2013			
(In millions of Korean won)	Level 1	Level 2	Level 3	Total
Assets Available-for-sale financial assets - Listed securities	11,859	_		11,859
Total		<u>-</u>	<u>-</u>	
Total	11,859			11,859
Liabilities				
Derivatives financial liabilities	<u>-</u>	8,518		8,518
Total	-	8,518	-	8,518
		December	31, 2012	
(In millions of Korean won)	Level 1	Level 2	Level 3	Total
Assets Available-for-sale financial assets				
- Listed securities	7,636	-	_	7,636
Total	7,636			7,636
Liabilities				
Derivatives financial liabilities	<u> </u>	13,889	<u> </u>	13,889
Total				
- Total	<u>-</u> .	13,889		13,889

¹ Fair value in the above fair value measurement hierarchy is based on recurring fair value measurements.

The fair value of loans, other receivables and borrowings are disclosed in 'level 3'.

The fair value of financial instruments traded in active markets is based on quoted market prices at the reporting date. A market is regarded as active if quoted prices are readily and regularly available from an exchange, dealer, broker, an entity within the same industry, 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' comprise primarily equity investments classified as available for sale.

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The fair value of financial instruments that are not traded in an active market is determined by using valuation techniques. The Company uses various valuation techniques and makes judgments based on current market conditions. 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 measure the fair value of an instrument are observable, the instrument is included in 'level 2'. Financial instruments included in 'level 2' are derivative financial instruments. The fair value of derivative financial instruments is measured at discount using forward exchange rate as of the reporting date.

If one or more of the significant inputs are not based on observable market data, the instrument is included in 'level 3'. Financial instrument included 'level 3' uses other method including discounting cash flow method and others.

In case of investments in equity instruments that do not have a quoted market price in an active market and their fair value cannot be measured reliably, they are measured at cost and not included in the above fair value measurement hierarchy.

31. Share-Based Payments

The 259,250 shares of unexercised stock appreciation rights as of December 31, 2011, were all exercised in 2012. The exercise price per share of exercised share purchase options is \W69,500, and the arithmetic average of the weighted average share price calculated on each exercise date is \W88,169.

32. Business Combination

- (a) The Company's future strategy for its business includes smart car and electric car parts business leveraging the existing capabilities in IT, consumer electronics and components. The Company intends to accelerate the growth of the electric car parts business in the future and increase the value of the business that the Company is fostering by merging with V-ENS Co., Ltd., which has the strength in vehicle design and vehicle verification. On May 1, 2013, the Company acquired all common shares of V-ENS Co., Ltd. from its related party, LG CNS Co., Ltd., at the total consideration of ₩17,028 million.
- (b) The Company merged with V-ENS Co., Ltd. on July 1, 2013, based on resolution of board of directors held on April 24, 2013. It was a merger with exchange ratio of 1 to 0 without issuance of new stock. As it falls under both to a small scale merger (for the Company) and a simplicity merger (for V-ENS Co., Ltd.), the approval of the general meeting of shareholders was replaced by a resolution of the board of directors dated May 23, 2013.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

(c) The following table summarizes the consideration paid and the fair value of assets acquired and liabilities assumed:

(in millions of Korean won)	Amount
Consideration (Investments in subsidiaries)	17,028
Total consideration	17,028
Recognized amounts of identifiable assets acquired and liabilities assumed ¹	
Current assets	
Cash and cash equivalents	5,304
Trade receivables	45,388
Loans and other receivables	48
Current tax assets	33
Other current assets	1,875
	52,648
Non-current assets	
Financial deposit	3
Loans and other receivables	4,393
Property, plant and equipment	8,629
Intangible assets	6,078
Investments in subsidiaries, associates and joint ventures	3,895
Other non-current assets	497
	23,495
Current liabilities	
Trade payables	(12,823)
Other payables	(9,926)
Provisions	(257)
Other current liabilities	(34,356)
	(57,362)
Non-current liabilities	
Net defined benefit liability	(579)
Total identifiable net assets	18,202
Retained earnings	1,174

¹ Since the merger is parent-subsidiary merger, the Company recognized the amounts of assets acquired and liabilities assumed as the carrying amounts recognized on the consolidated financial statements at the merging date.

- (d) The acquisition-related costs amounting to ₩293 million were all expensed during the nine-month period ended September 30, 2013.
- (e) The gross contractual amount of trade receivables and other receivables are the same as their carrying amounts.

Notes to the Interim Separate Financial Statements September 30, 2013 and 2012, and December 31, 2012

(f) Net sales and loss for the period contributed by V-ENS Co., Ltd., included in the interim separate statements of income from the merging date, were ₩28,845 million and ₩5,718 million, respectively. If V-ENS Co., Ltd. had been merged from January 1, 2013, the net sales and loss for the period, would be as follows:

Amounts before			Amounts after	
(in millions of Korean won)	adjustments	Adjustments	adjustments	
Net sales	21,164,955	56,113	21,221,068	
Loss for the period	49,310	(4,516)	44,794	