

## Hynix Semiconductor

FY2011 Q4 Earnings Results


## Disclaimer

This material contains forward-looking statements which can be subject to certain risk and uncertainties that could cause actual results to differ materially.

As of January 1, 2011, Hynix Semiconductor Inc. adopted International Financial Reporting Standards (K-IFRS). All financial information contained in this document is based on consolidated K-IFRS. For the convenience of users, financial results of 2010 are presented based on K-IFRS and may differ from previously disclosed financial information provided based on K-GAAP.

Review of the Q4 FY2011 and FY2011 financial results has not been finalized. Figures in this earnings release are subjected to changes during the independent auditing process.

1. Q4 2011 Earnings Results \& Operations
2. 2012 Memory Market Outlook

## Q4 2011 Earnings Results (K-IFRS) \& Operational Performances

## Results of Operations



## Sales Analysis

- In spite of challenging DRAM market environment, Hynix recorded annual revenue of more than 10 trillion won in 2011
- Q4 revenue increased due to sales growth in all product lines as a result of strong bit growth
- DRAM sales grew QoQ as bit shipment increased 30\% and ASP declined 19\%
- NAND Flash sales increased QoQ as bit shipment increased 24\% and ASP declined 17\%



## Profit Analysis

- Despite ASP decline, operating margin improved due to unit cost reduction and diversified product portfolio (+) factors: Unit cost reduction from continuous technology migration and yield improvement, increase in mobile DRAM sales
(-) factors: DRAM \& NAND Flash ASP decline



## Non-Op Income \& Expense

| Unit: KRW Billion | Q4 '11 | QoQ | Q3 '11 | 2011 | YoY | 2010 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Non-Operating Income | 10 | +285 | (275) | (280) | +29 | (309) |
| Net Financial Income | (66) | -12 | (55) | (254) | +24 | (278) |
| Net FX Transaction \& Translation | 89 | +338 | (250) | (19) | -82 | 63 |
| Others | (12) | -42 | 30 | (7) | +86 | (94) |
| Income Taxes | 83 | +72 | 11 | 101 | +32 | 69 |

## Capital Structure

| Unit: KRW Billion | Q4 '11 | QoQ | Q3 '11 | Q4 '10 | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Asset | 17,238 | -803 | 18,042 | 17,468 | -230 |
| Cash* | 1,876 | -119 | 1,995 | 2,202 | -326 |
| Liability | 9,363 | -412 | 9,775 | 9,491 | -128 |
| Debt** | 6,776 | -286 | 7,063 | 6,041 | +735 |
| Shareholders' Equity | 7,875 | -391 | 8,266 | 7,977 | -102 |
| Capital Stock | 2,978 | - | 2,978 | 2,969 | +9 |
| Retained Earnings | 3,555 | -370 | 3,925 | 3,830 | -275 |
| Debt-to-Equity Ratio | 86\% | +1\%p | 85\% | 76\% | +10\%p |
| Net Debt-to-Equity Ratio | 62\% | +1\%p | 61\% | 48\% | +14\%p |

* Cash = Cash \& Cash Equivalents + Short-term Financial Instruments
** Debt $=$ Short-term Borrowings + Current portion of Long-term Borrowings + Convertible Bond + Debenture + Long-term Borrowings


## Sales Breakdown by Application

DRAM


## Migration Progress



## 2012 Memory Market Outjook

## Market Outlook - DRAM

- The effects of global macroeconomic uncertainty may persist in 2012, but PC shipment expected to recover gradually in $\mathbf{2 H}$ to grow $\mathbf{6 \%}$ in 2012, backed by sound emerging market growth and launch of ultrabook PCs.
- PC DRAM content expected to increase $25 \%$ in 2012, driven by cheaper DRAM price and reduced netbook shipments.
- With launch of new models in smartphones and tablet PCs, as well as on-going expansion of data centers, demand for non-PC DRAM expected to grow continuously.



## Market Outlook - NAND

- NAND Flash demand from launch of new mobile models expected to create stable market trends in 2012
- Increase in SSD demand due to launch of ultrabook PCs is anticipated to drive NAND market
- Industry supply increase such as ramp of new capacity and tech migration to 1Xnm expected to match demand growth

WW NAND Demand \& Capacity Growth


WW NAND applications portion (Non-USB \& Card)

■ Portable Player(embedded)

- Media Tablets

■ Mobile(embedded)

- SSD


K-IFRS (KRW Billion)

|  | 2011 | Q3'11 | 2010 | QoQ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Assets |  |  |  |  |  |
| Current Assets | 4,937 | 5,327 | 5,416 | -390 | -479 |
| Cash \& Cash Equivalents* | 1,876 | 1,995 | 2,202 | -119 | -326 |
| Accounts Receivables | 1,541 | 1,612 | 1,605 | -71 | -64 |
| Inventories | 1,184 | 1,313 | 1,282 | -130 | -98 |
| Other Current Assets | 336 | 407 | 328 | -71 | 8 |
| Non-Current Assets | 12,301 | 12,715 | 12,052 | -413 | 250 |
| Investments | 694 | 843 | 857 | -149 | -163 |
| Property, plant \& equipment | 10,899 | 11,163 | 10,591 | -264 | 309 |
| Intangible Assets | 708 | 708 | 604 | -0 | 104 |
| Total Assets | 17,238 | 18,042 | 17,468 | -803 | -230 |
| Liabilities |  |  |  |  |  |
| Interest-bearing Debts | 6,776 | 7,063 | 6,041 | -286 | 735 |
| S-T Borrowings | 1,416 | 1,519 | 511 | -103 | 905 |
| Current Portion of LT Borrowings | 1,414 | 1,533 | 2,066 | -119 | -652 |
| Debenture | 2,463 | 2,519 | 1,705 | -56 | 759 |
| L-T Borrowings | 1,483 | 1,492 | 1,759 | -9 | -276 |
| Accounts Payables | 678 | 698 | 875 | -20 | -197 |
| Total Liabilities | 9,363 | 9,775 | 9,491 | -412 | -128 |
| Shareholders' Equity |  |  |  |  |  |
| Common Stock | 2,978 | 2,978 | 2,969 |  | 9 |
| Total Shareholders' Equity | 7,875 | 8,266 | 7,977 | -391 | -102 |

[^0]K-IFRS (KRW Billion)

|  |
| :---: |
| Sales |
| Cost of Goods Sold |
| Gross Profit |
| SG\&A Expenses |
| Other Operating Profit/Loss |
| Operating Profit |
| Finance Income/Expenses |
| F/X Effects |
| Gain(or Loss) on Equity Method |
| Others |
| Income Before Income Taxes |
| Income Taxes (Benefit) |
| Net Income |


| Q4'11 | Q3'11 | Q4'10 |
| ---: | ---: | ---: |
| 2,553 | 2,291 | 2,751 |
| 2,299 | 2,183 | 2,099 |
| 254 | 108 | 652 |
| 446 | 400 | 328 |
| 25 | 15 | -30 |
| -167 | -277 | 294 |
| -66 | -55 | -64 |
| 89 | -250 | 10 |
| 3 | 1 | -0 |
| -15 | 28 | -141 |
| -157 | -552 | 99 |
| 83 | 11 | 68 |
| -240 | -563 | 30 |


| QoQ | YoY |
| ---: | ---: |
| 262 | -198 |
| 117 | 200 |
| 146 | -398 |
| 46 | 118 |
| 10 | 55 |
| 109 | -461 |
| -12 | -3 |
| 338 | 79 |
| 2 | 4 |
| -43 | 126 |
| 394 | -256 |
| 72 | 14 |
| 323 | -270 |


[^0]:    * Short-term Financial Instruments included

