



## Results of Operation

Income Statement

| (Unit: KRW Billion) |  | Q3'19 | Q2'19 | Q3'18 | QoQ | YOY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue |  | 6,839 | 6,452 | 11,417 | +6\% | -40\% |
| Gross Profit |  | 1,816 | 2,017 | 7,545 | -10\% | -76\% |
| Operating Profit |  | 473 | 638 | 6,472 | -26\% | -93\% |
| EBITDA* |  | 2,631 | 2,745 | 8,120 | -4\% | -68\% |
| Net Profit |  | 495 | 537 | 4,692 | -8\% | -89\% |
| EPS(KRW) | Basic | 721 | 783 | 6,731 |  |  |
|  | Dil. | 721 | 783 | 6,730 |  |  |
| Shares Outstanding (Mil. Shares) | Basic | 684 | 684 | 697 |  |  |
|  | Dil. | 684 | 684 | 697 |  |  |

* EBITDA $=$ Operating Profit + Depreciation \& Amortization

【Note】All figures in this presentation are rounded to KRW Billions, leading to some statements not adding up completely
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## Profit Margins



## Sales Analysis - 1

Revenue Trend
(Unit: KRW Billion)

| OthersNANDDRAM..... MCP\% | 22\% |  | 22\% |
| :---: | :---: | :---: | :---: |
|  | 11,417 |  | $\cdots \cdot \cdots$ - |
|  |  |  |  |
|  | 18\% |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  | 6,452 | 6,839 |
|  | 81\% | 20\% | 20\% |
|  |  | 77\% | 77\% |
|  | Q3'18 | Q2'19 | Q3'19 |

With signs of demand recovery and softening ASP erosion, Q3'19 revenue went up $6 \%$ QoQ, as both DRAM \& NAND sales increased

DRAM
Q QoQ B/G +23\%, ASP -16\%
Seasonal mobile demand pick-up with new smartphone launch and expanding procurement by some IDC customers led to bit shipment increase

Orice decline slowed down in all applications except Mobile

O QoQ B/G -1\%, ASP +4\%While price-elastic demand for high-density mobile \& SSD continued to recover, discrete sales mix that went up temporarily last quarter, became normalized and led to bit shipment decrease

Blended ASP increased with moderated price condition in all applications and lower-priced discrete product mix reduction

Shipment increased with higher smartphone demand in China, while price decline continued

O Revenue decreased 2\% QoQ and revenue mix also slightly reduced

## Sales Analysis - 2

## Revenue Breakdown by Application



Supply-demand condition improved as set demand increased in major applications like PCs \& Smartphones with seasonality, also with expanded procurement by server customers

## Mobile

DRAM
$+$
Mobile
NAND

## Server

DRAM
+
eSSD

PC/Graphics
DRAM
$+$
cSSD

O Sell-through for new flagship models with higher-density memory adoption including 5G smartphones were in the push, and responded actively to increasing demand
$\bigcirc$ As shipment growth offset for price erosion, Mobile DRAM \& NAND sales expanded

O Some IDC customers started to increase purchase volumes as their inventory level reached toward normalized levels
O Server demand in China showed upward trend, and enterprise customers expanded higherdensity memory adoption

With Windows 7 service about to terminated, enterprise PC demand improved

O SoC's price competition mitigated cost burden for PC OEMs and led positive impact on memory component demand

## Profit Analysis

## Q3'19 Profit

[Operating Profit】
(Unit: KRW Billion)

[Net Income】


O Cost-per-unit reduction in DRAM could not fully offset ASP drop and led COGS increase. Gross Profit reached KRW $1.8 \mathrm{~T}(-10 \% \mathrm{QoQ})$ and Operating Profit reached KRW 473B (-26\% QoQ) in Q3'19

O Depreciation \& Amortization expenses rose slightly with continued capital spending and new asset acquisitions. Reported KRW 2.6T of EBITDA with EBITDA margin of $38 \%$

O Depreciation of the KRW at quarter-end resulted in gain on foreign currency related items and reported net nonoperating profits of KRW 48B

O Net Profit reached KRW 495B with net profit margin of 7\%

* Depreciation \& Amortization


## Capital Structure



## Cash Flow

## Cash Flow

| (Unit: KRW Billion) | Q3'19 | Q2'19 | Q3'18 |
| :---: | :---: | :---: | :---: |
| Beginning Cash Balance | 3,110 | 7,192 | 4,405 |
| CF from Operating Activities | 2,509 | $(1,212)$ | 7,105 |
| Net Profit | 495 | 537 | 4,692 |
| D\&A* | 2,160 | 2,111 | 1,652 |
| Changes in Working Capital | (146) | $(3,860)$ | 761 |
| CF from Investing Activities | $(3,092)$ | $(4,300)$ | $(3,666)$ |
| Acquisition of PP\&E | $(2,892)$ | $(4,148)$ | $(3,299)$ |
| CF from Financing Activities | 710 | 1,435 | $(2,102)$ |
| Changes in Debt | 776 | 2,526 | (365) |
| Dividend Payout | (1) | $(1,026)$ | 0 |
| Share Repurchase | - | - | $(1,737)$ |
| Effect of F/X rate changes on Cash \& Equivalents | 19 | (5) | (67) |
| Net Changes in Cash | 146 | $(4,082)$ | 1,270 |
| Ending Cash Balance | 3,256 | 3,110 | 5,675 |

Including depreciation for non-operating(idle) assets
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## Q3'19 Net Cash Flow


[Attachment1] Statement of Financial Position

K-IFRS (KRW Billion)

| Assets |
| :--- |
| Current Assets |
| Cash \& Cash Equivalents* <br> Accounts Receivables <br> Inventories <br> Non-Current Assets <br> Property, plant \& equipment <br> Intangible Assets <br> Capital Surplus <br> Total Shareholders' Equity Assets Earnings <br> Shareholders' Equity <br> Anterest-bearing Debts <br> Stock <br> S-T Borrowings <br> Current Portion of LT Borrowings <br> Bonds/Convertible Bonds <br> L-T Borrowings |



| QoQ | YoY |
| :---: | :---: |
|  |  |
| -67 | -5,719 |
| +146 | -5,114 |
| -45 | -1,562 |
| -115 | +1,051 |
| +707 | +5,732 |
| +493 | +3,985 |
| -7 | -113 |
| +639 | +13 |
| +956 | +4,421 |
| -212 | +486 |
| +431 | +197 |
| +383 | +1,360 |
| +353 | +2,378 |
| -121 | -181 |
| +84 | $-1,400$ |
|  |  |
|  |  |
| - | - |
| +488 | +1,089 |
| +555 | +1,414 |

[^0]
## [Attachment2] Income Statement

K-IFRS (KRW Billion)

|  |  | Q3'19 | Q2'19 | Q3'18 | QoQ | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue |  | 6,839 | 6,452 | 11,417 | +6\% | -40\% |
| Cost of Goods Sold |  | 5,023 | 4,435 | 3,872 | +13\% | +30\% |
| Gross Profit |  | 1,816 | 2,017 | 7,545 | -10\% | -76\% |
| SG\&A Expenses |  | 1,343 | 1,379 | 1,073 | -3\% | +25\% |
| Operating Profit |  | 473 | 638 | 6,472 | -26\% | -93\% |
| Net Financial Profit/Loss |  | -63 | -53 | -13 |  |  |
| Net F/X Transaction \& Translation Profit/Loss |  | 79 | 90 | -83 |  |  |
| Income (Expense) From Jointly Controlled Entities and Associates, Net |  | 4 | 6 | 3 |  |  |
| Others |  | 28 | -4 | 55 |  |  |
| EBITDA |  | 2,631 | 2,745 | 8,120 | -4\% | -68\% |
| Income Before Tax |  | 520 | 676 | 6,435 | -23\% | -92\% |
| Tax Expense/Benefit |  | 25 | 139 | 1,743 | -82\% | -99\% |
| Net Profit |  | 495 | 537 | 4,692 | -8\% | -89\% |
| EPS(KRW) | Basic | 721 | 783 | 6,731 |  |  |
|  | Diluted | 721 | 783 | 6,730 |  |  |
| Shares Outstanding (Mil. Shares) | Basic | 684 | 684 | 697 |  |  |
|  | Diluted | 684 | 684 | 697 |  |  |

## 이 종목의 더 많은 IR정보 확인하기

IRGO 주주와 기업을 연결하고 응원합니다.


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

