Macronix International Co., Ltd.
Third Quarter 2017 Results

October 26, 2017

MACRONIX
INTERNATIONAL CO., LTD.

Disclaimer

The presentation and discussion contain certain forward-looking statements with respect to the results of operation, financial condition and current expectation. The forward-looking statements are subject to known and unknown uncertainties and risks that could cause actual results to differ materially from those expressed or implied by such statements.

Such risks and uncertainties include but are not limited to the impact of competitive products and pricing, timely design acceptance by our customers, timely introduction of new technologies, ability to ramp new products into volume, industry wide shifts in supply and demand for semiconductor products, industry overcapacity, availability of manufacturing capacity, financial stability in end markets, and other risks.

The forward-looking statements in this release reflect the current belief of Macronix as of the date of this release and Macronix undertakes no obligation to update these forward-looking statements for events or circumstances that occur subsequent to such date.

Agenda

Welcome	**Miin Wu**
2017Q3 Financial Results	Paul Yeh
Business Update	Miin Wu
Remarks and Q&A	Miin Wu

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Financial Highlights

	2017Q3 Actual	2017Q2 Actual
Revenue	NT$10.5B	NT$ 6.6B
Gross margin %	38.4%	33.8%
Operating margin %	20%	9%

- ✓ Revenue sequentially rallied by 59% because of strong demand for all memory product lines: ROM(+209% QoQ), NAND(+100%) and NOR(+23%)
- ✓ Gross margin sequentially improved by 4.6ppt because of higher density product mix and favorable pricing
- ✓ OP margin increased by 11ppt QoQ due to higher gross profit and only moderately added OP expense

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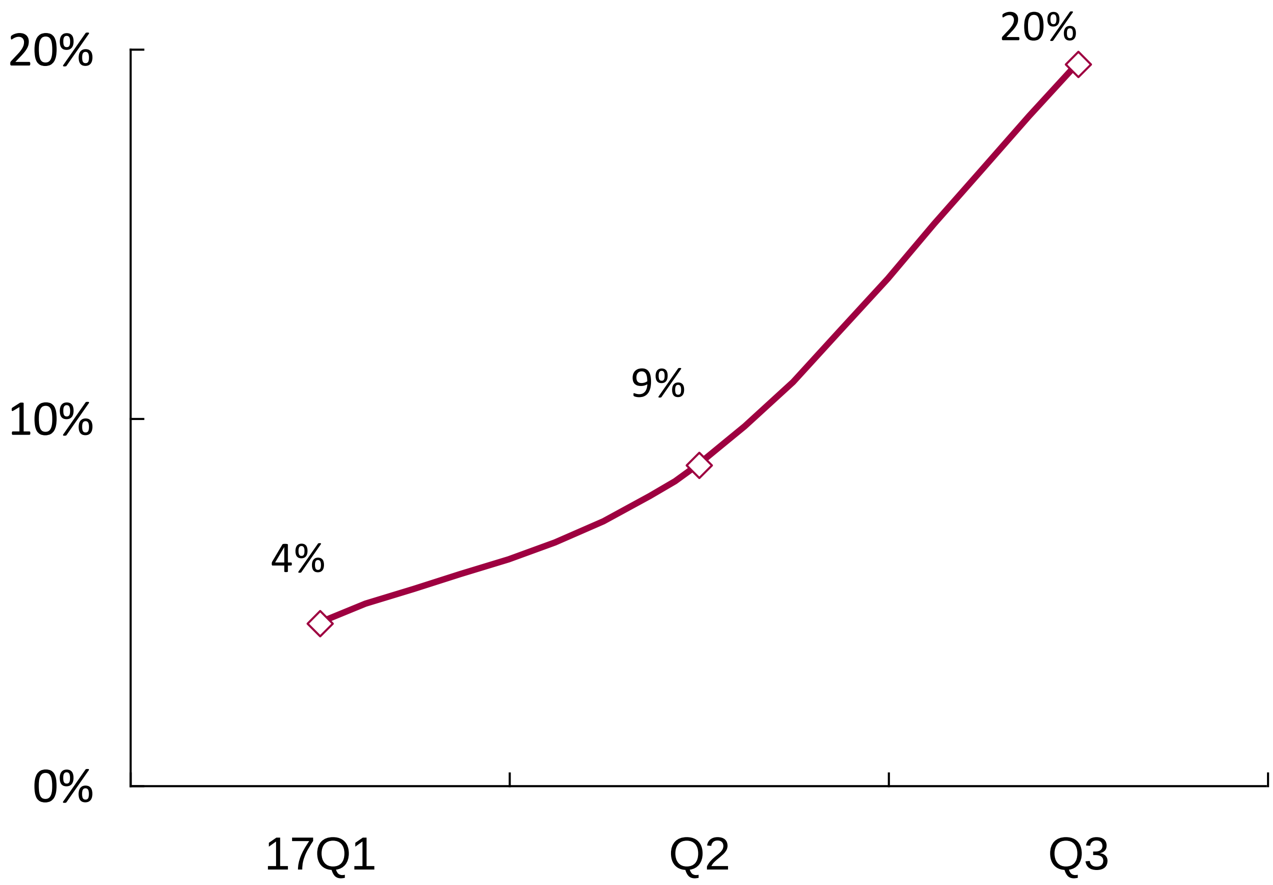
Quarterly Consolidated Statements of Comprehensive Income

Unit: NTD Million (except EPS)	2017/Q3	2017/Q2	2016/Q3	QoQ Change	YoY Change
Net Sales	10,467	6,563	7,092	59%	48%
Gross Profit	4,022	2,216	2,176	81%	85%
Gross Margin%	38.4%	33.8%	30.7%	4.6ppt	7.7ppt
Operating Expenses	(1,923)	(1,631)	(1,500)	18%	28%
Operating Income	2,098	585	676	259%	210%
Operating Margin%	20%	9%	10%	11ppt	10ppt
Net Non-Operating Income (Loss)	30	37	(41)		
Income Before Taxes	2,128	622	635	242%	235%
Income Taxes Expense (benefit)	5	6	2	(17%)	124%
Net Income	2,123	616	633	245%	236%
Other Comprehensive Income	138	107	187	29%	(27%)
Comprehensive Income	2,261	723	820	213%	176%
Net Income(Loss) Attributable to :					
Shareholders of the Parent	2,123	616	633	245%	235%
Noncontrolling Interests	(0)	(0)	(0)		
Basic EPS* (NT$)	1.20	0.35	0.36	243%	233%
EBITDA	2,667	1,171	1,219		
Weighted Avg Outstanding Million Shares	*1,766*	*1,763*	*1,751*		

*EPS are retro-adjusted because of capital reduction

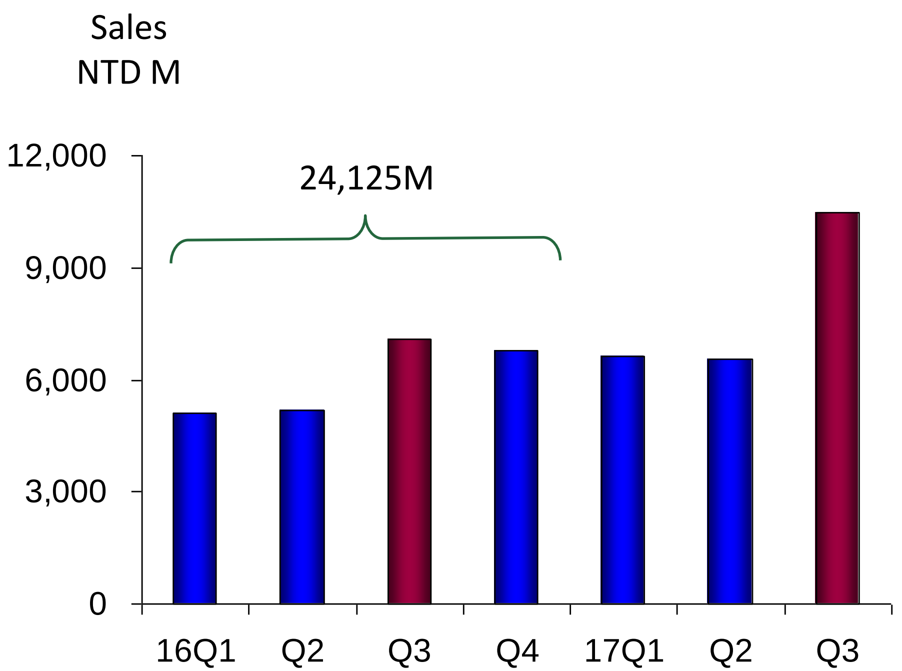
Improved Annualized Return on Equity (Parent Company)

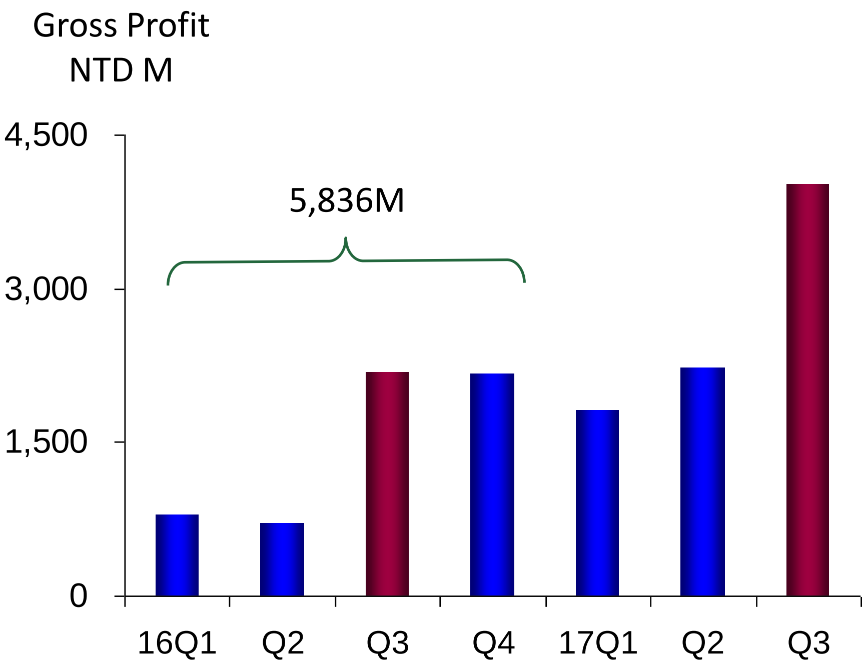


2017Q3 Financial Highlights

2017Q3 Sales = NTD 10,467M
+48% YoY

2017 Q3 GP = NTD 4,022M
+% 85YoY



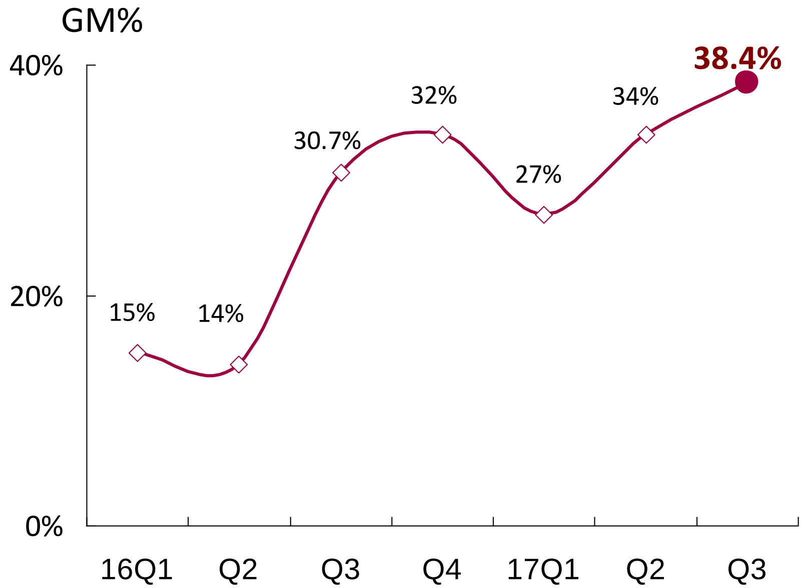


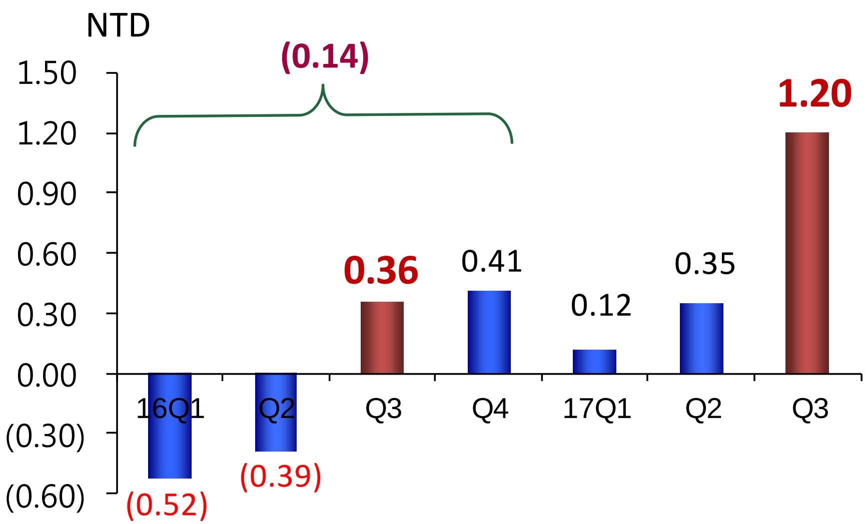
2017Q3 Financial Highlights

	2017Q3	2016Q3
Gross Margin (%)	38.4%	30.7%
Basic EPS -- NT$	1.20	0.36

Gross Margin (%)

Basic EPS (retro-adjusted)



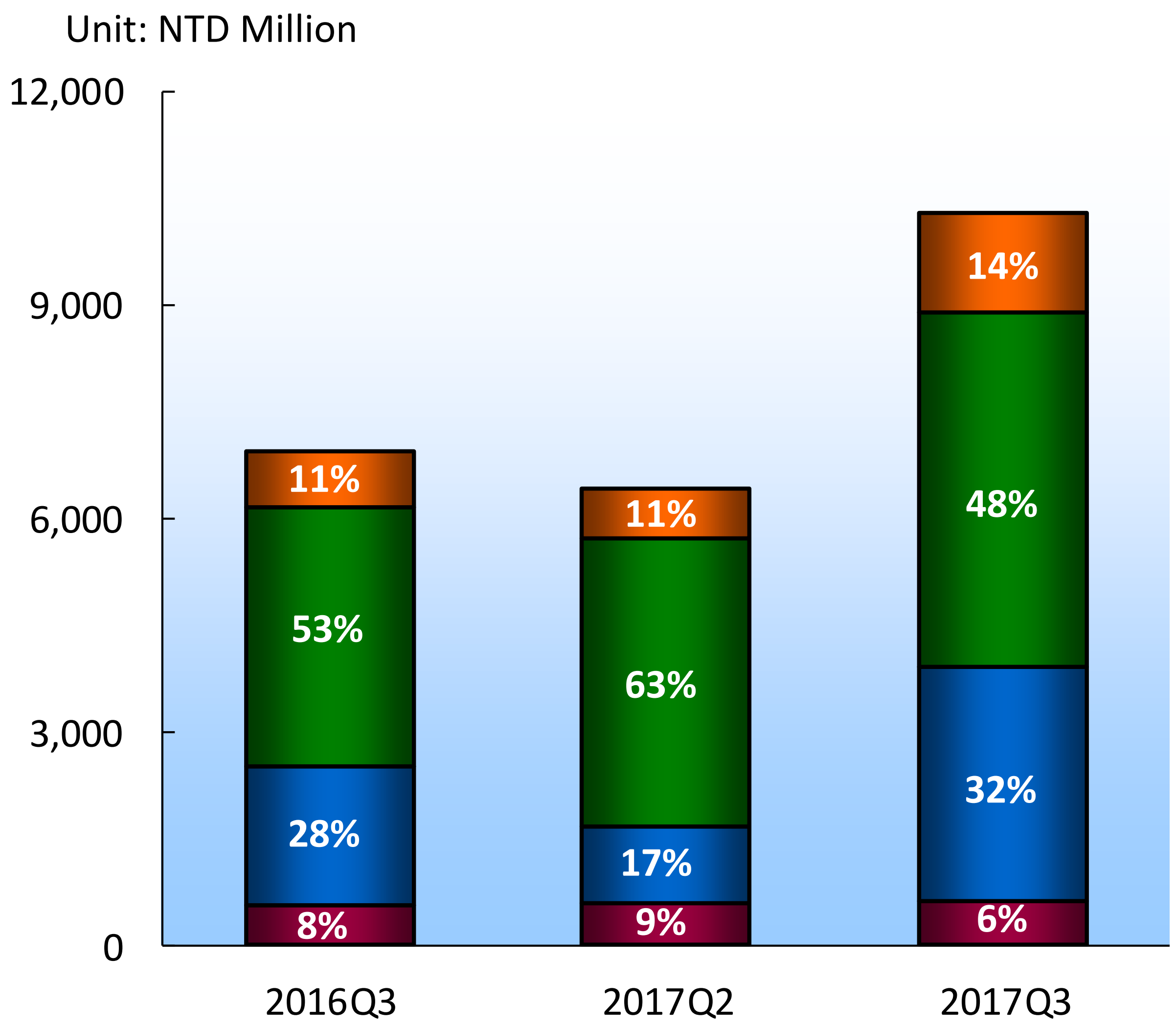


Quarterly Consolidated Balance Sheet / Cash Position

	2017/09/30	2017/06/30
Cash	6,883	5,406
Inventory(Net)	9,389	9,075
Property, Plant and Equipment	15,490	15,204
Total Assets	41,361	36,980
Interest bearing debt - short term	8,233	7,822
Interest bearing debt - long term	963	1,215
Total Liabilities	19,656	17,591
Shareholders' Equity	21,705	19,389
Debt Ratio (%)	47.5%	47.6%
Book Value -- NT$	12.04	10.75

Quarterly Highlight	2017/Q3	2017/Q2
Depreciation & Amortization	488	492
Capital Expenditures	(657)	(122)
Cash Flow from Operating	1,970	608

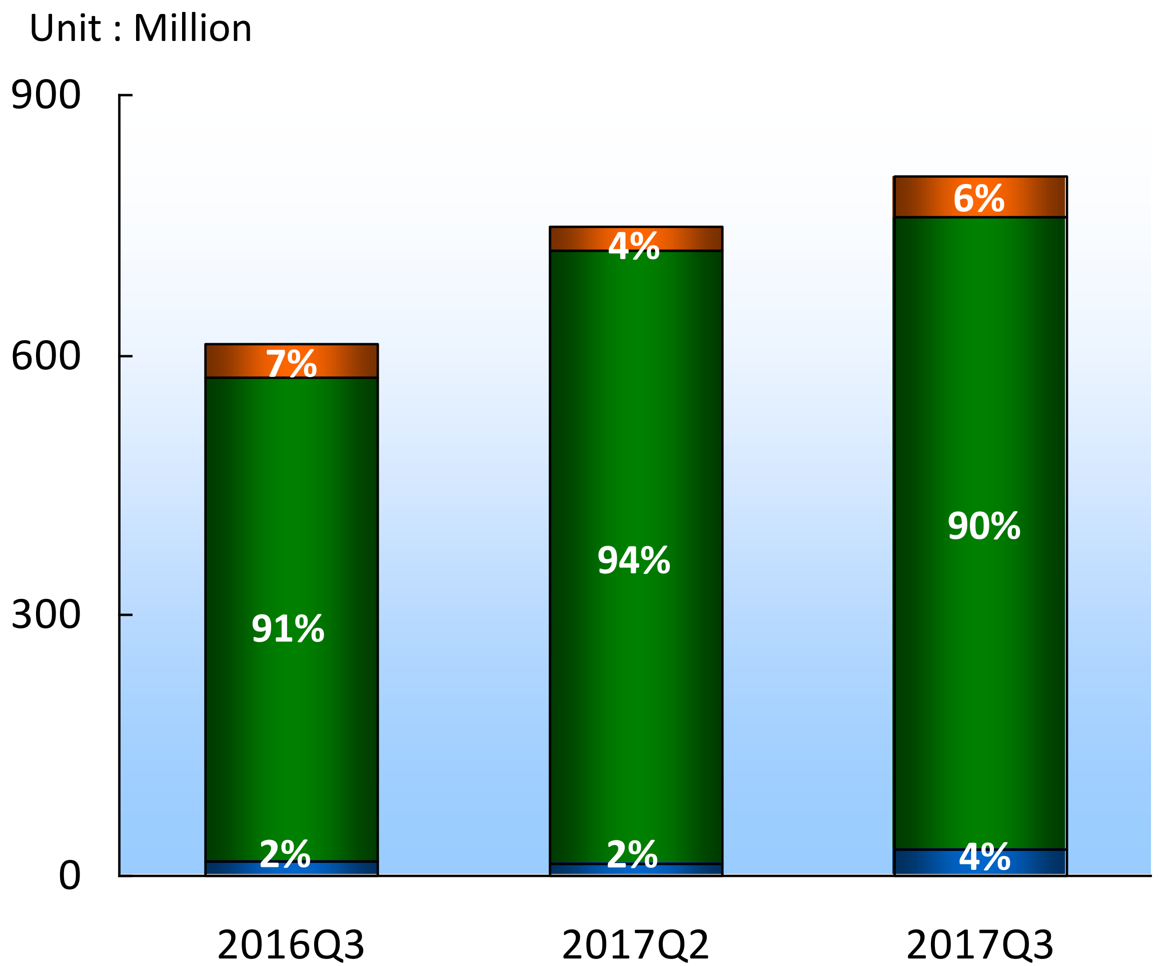
Quarterly Sales Breakdown by Products (Parent Company)



	QoQ Change	YoY Change
NAND	+100%	+78%
NOR	+23%	+36%
ROM	+209%	+70%
FBG	+8%	+14%

* FBG (foundry business group)

Quarterly Quantity Breakdown by Products (Parent Company)



	QoQ Change	YoY Change
NAND	+55%	+12%
NOR	+3%	+31%
ROM	+142%	+98%
FBG	+3%	+20%

* Equivalent 8” WF base for FBG (foundry business group)

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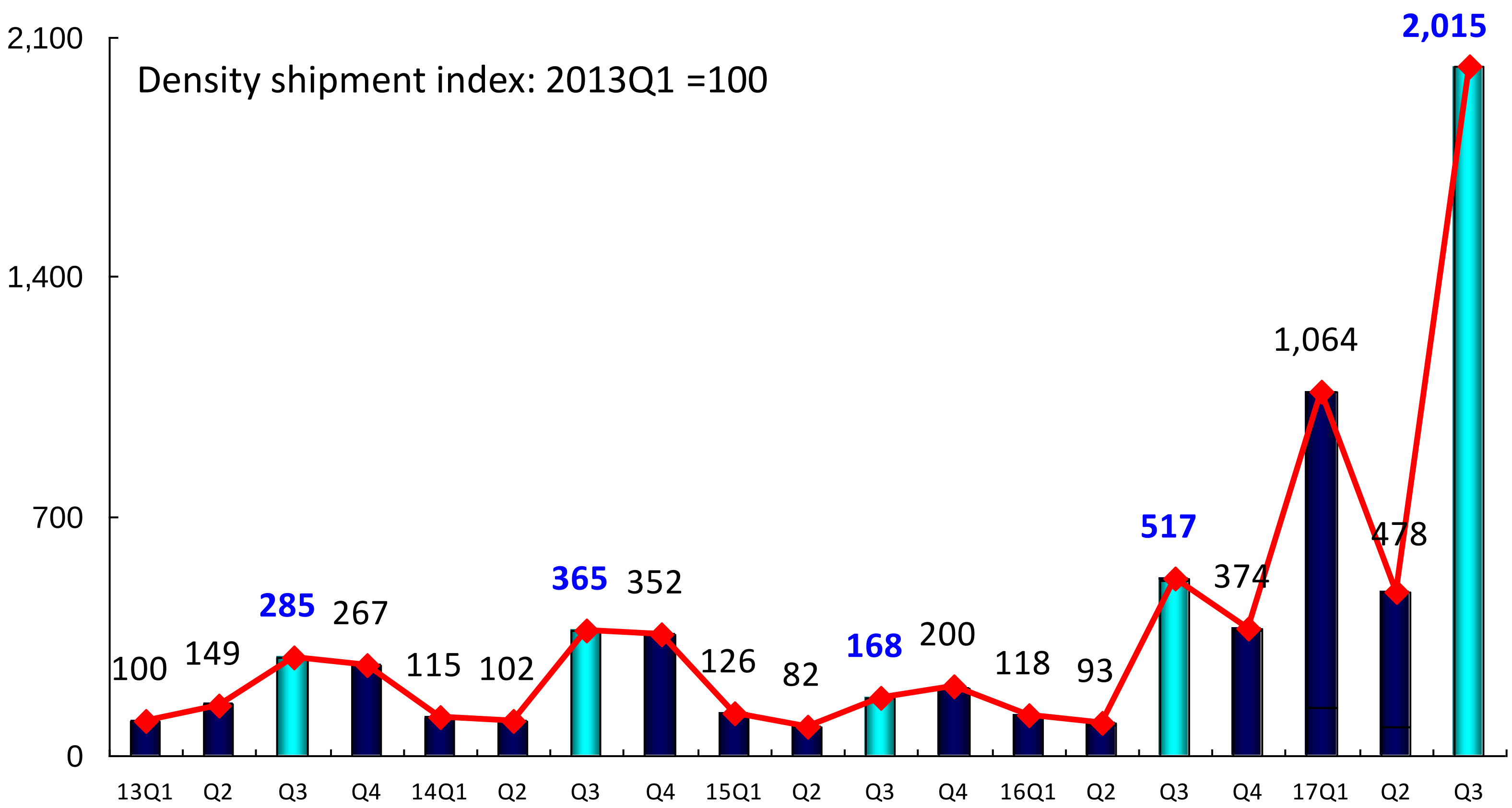
Business update - ROM equivalent density shipment

➢ROM business

- ≥ 64Gb products represented 59% of ROM business in 2017Q3
- Increasing demand for high density products from new platform



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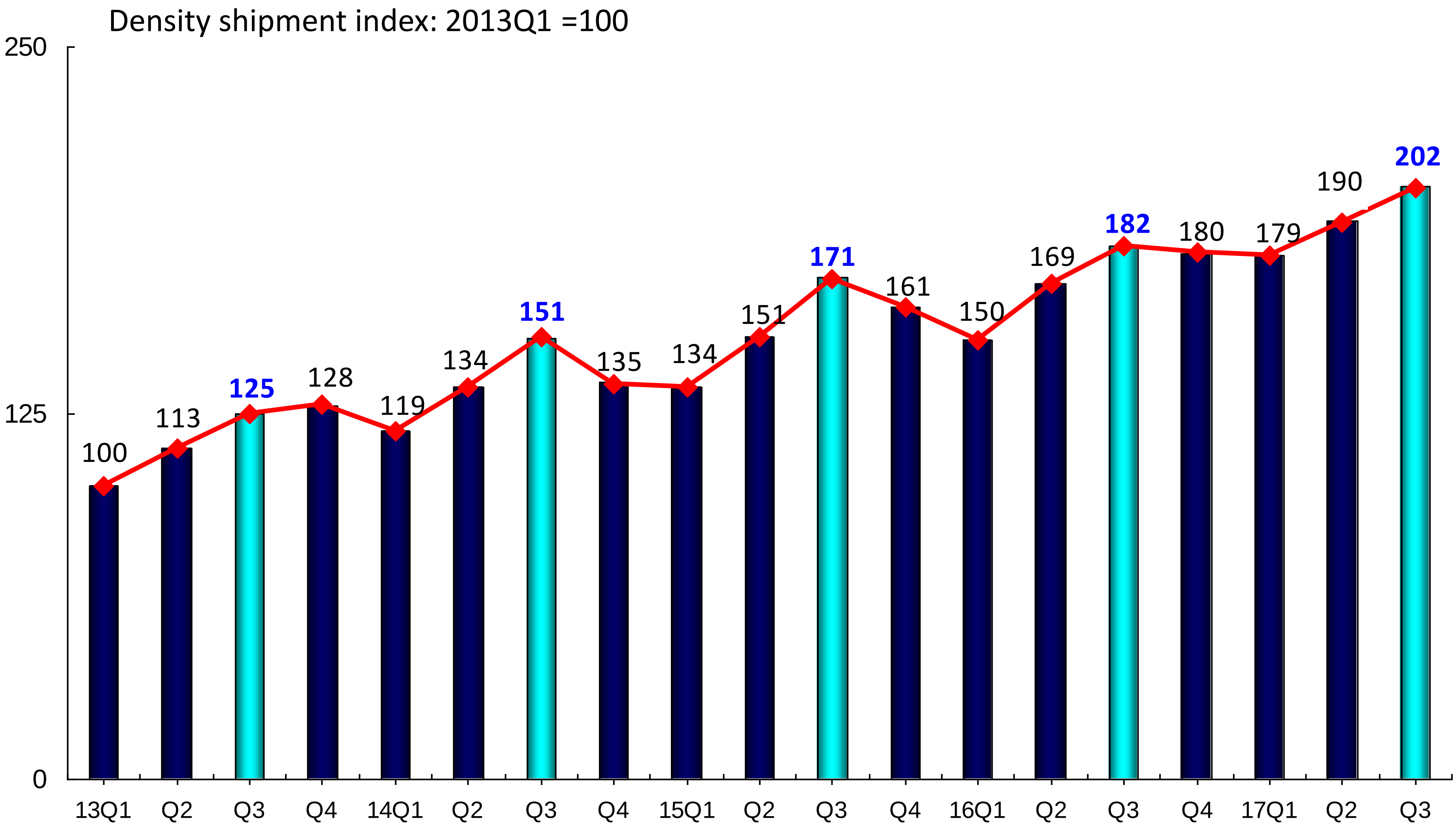
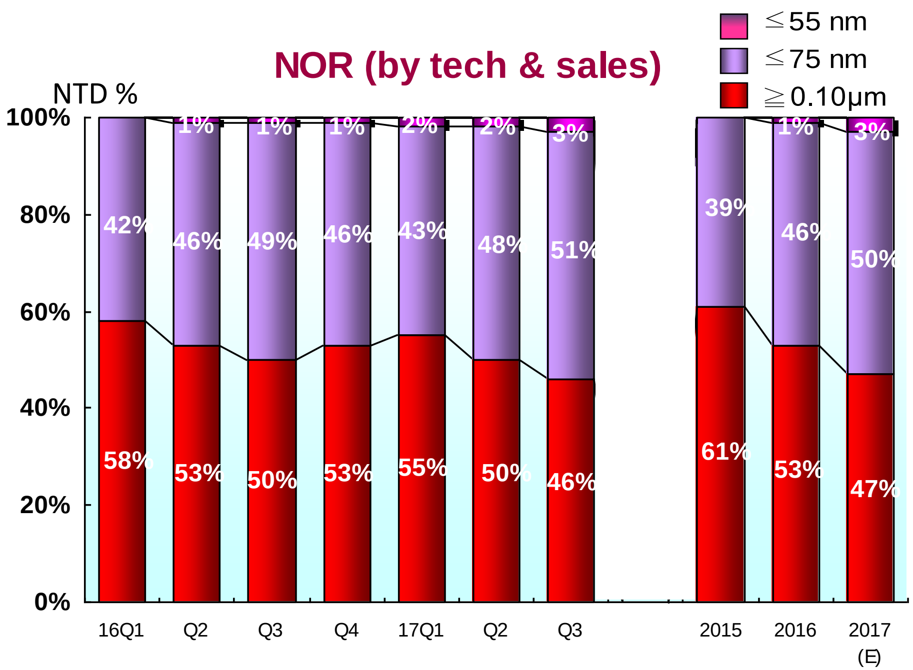
Business update – NOR equivalent density shipment



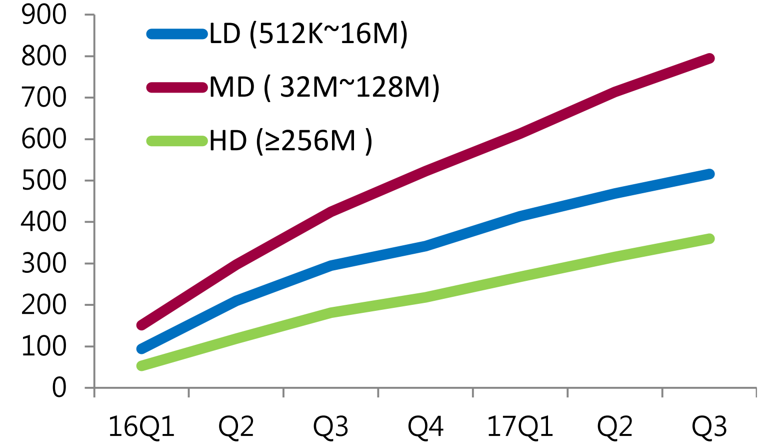
Current status of NOR memory business

➢NOR flash business

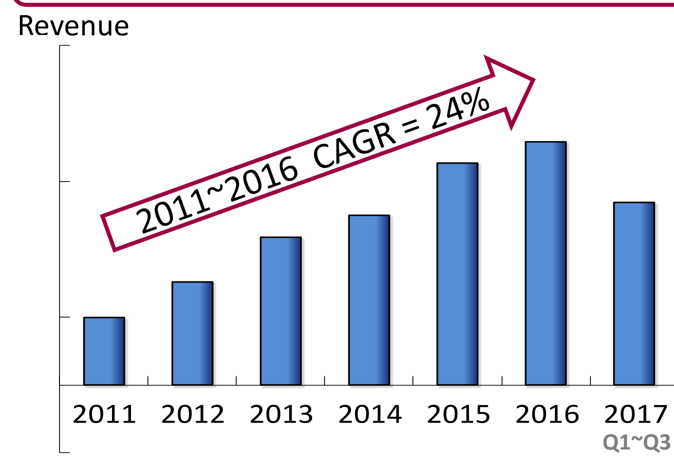
- ≤75nm products represented 54% of NOR business in 2017Q3
- With the best-in-class product quality and performance, Macronix is gaining more business & shares from global customers
- Macronix remains No.1 position in the NOR industry



Accumulative design-win case count



Speedy growth in automotive segment



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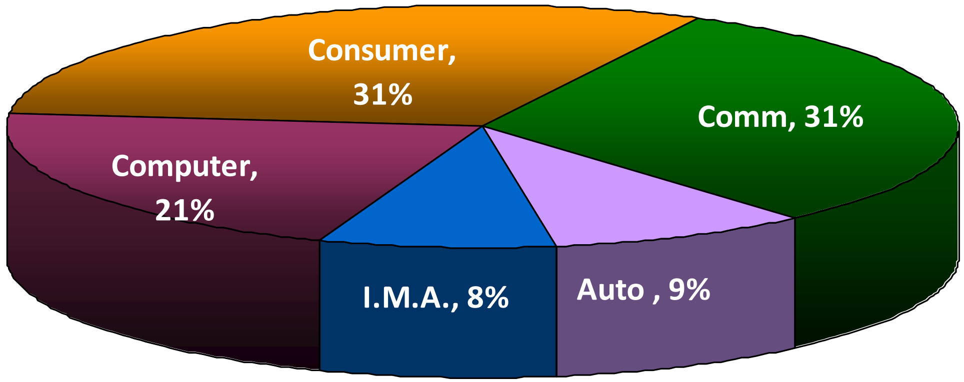
Business update – NOR flash breakdown

2017Q3 NOR Revenue breakdown

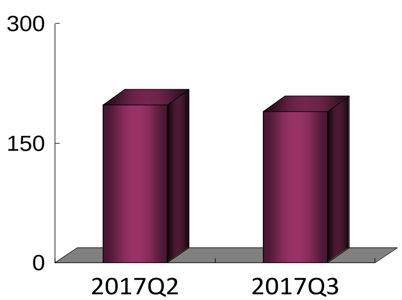


* **Comm:** including handsets
* **I**(Industrial), **M**(Medical), **A**(Aerospace-defense)

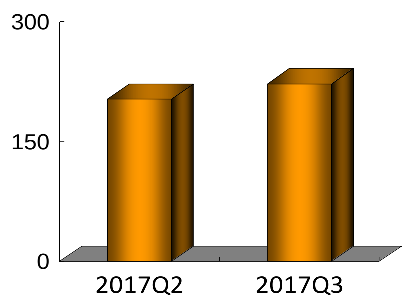
2017Q3 NOR Qty breakdown

QTY. (M ea)

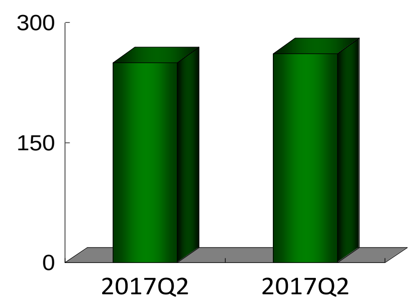
Computer
-4% QoQ
+10% YoY



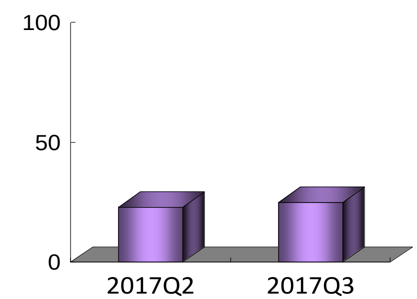
Consumer
+10% QoQ
+24% YoY



Communication
+4% QoQ
+68% YoY



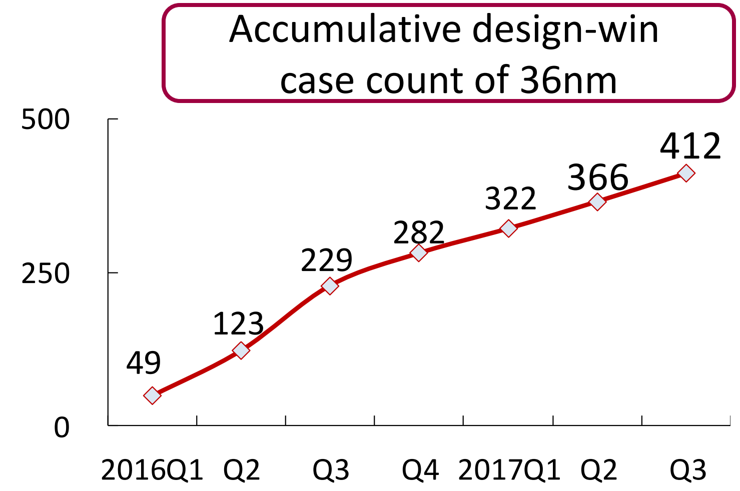
Automotive
+6% QoQ
+6% YoY



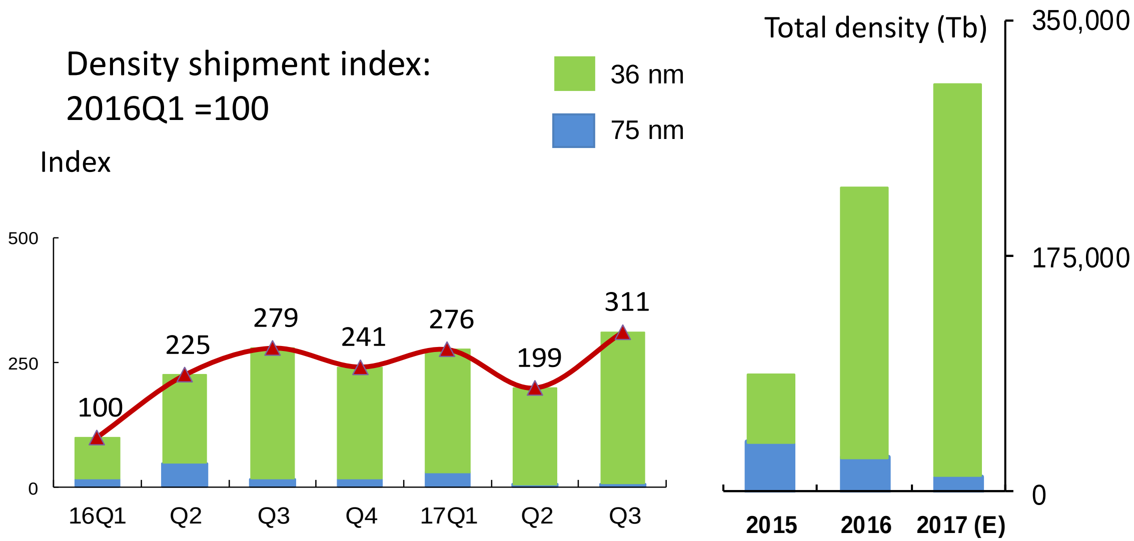
Business update – SLC NAND breakdown & outlook

➢SLC NAND flash business

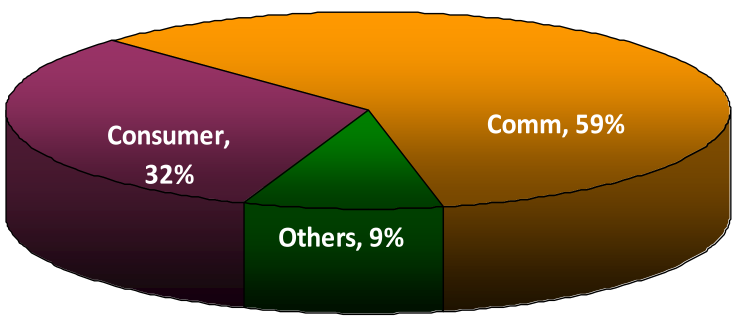
- Demand is stronger than expected
- Because of increased wafer-out and better pricing, NAND business increased by 100% in Q3 QoQ



SLC NAND Flash equivalent density shipment



2017Q3 NAND Revenue breakdown



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For more information regarding Macronix
http://www.macronix.com

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