Macronix International Co., Ltd.
First Quarter 2019 Results

April 25, 2019

MACRONIX INTERNATIONAL CO., LTD.

Safe Harbor Statement

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.

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Agenda

Welcome	**Miin Wu**
2019Q1 Financial Results	**Paul Yeh**
Business Update	**Miin Wu**
Remarks and Q&A	**Miin Wu**

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Financial Highlights

	2019Q1	2018Q4	2018Q1
Revenue	NT$ 6.0B	NT$ 9.0B	NT$ 9.1B
Gross margin %	25%	28%	42%
Operating margin %	1%	7%	22%

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Quarterly Consolidated Statements of Comprehensive Income

Unit: NTD Million (except EPS)	2019/Q1	2018/Q4	2018/Q1	QoQ Change	YoY Change
Net Sales	6,029	8,981	9,061	(33%)	(33%)
Gross Profit	1,531	2,535	3,814	(40%)	(60%)
Gross Margin%	25%	28%	42%	(3ppt)	(17ppt)
Operating Expenses	(1,446)	(1,921)	(1,819)	(25%)	(21%)
Operating Income	86	614	1,995	(86%)	(96%)
Operating Margin%	1%	7%	22%	(6ppt)	(21ppt)
Net Non-Operating Income (Loss)	59	2,504	(100)	-	-
Income Before Taxes	144	3,118	1,896	(95%)	(92%)
Income Taxes Expense (benefit)	2	250	14	-	-
Net Income	142	2,867	1,882	(95%)	(92%)
Other Comprehensive Income	186	(596)	(154)	-	-
Comprehensive Income	328	2,271	1,728	(86%)	(81%)
Net Income(Loss) Attributable to :					
Shareholders of the Parent	142	2,867	1,882	(95%)	(92%)
Noncontrolling Interests	(0)	(0)	(0)		
Basic EPS (NT$)	0.08	1.57	1.04*	(95%)	(92%)
EBITDA	810	3,730	2,431		
Weighted avg outstanding million shares	*1,830*	*1,822*	*1,815*		

*EPS is retro-adjusted

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Quarterly Consolidated Statements of Comprehensive Income

Unit: NTD Million (except EPS)	2019/Q1	2018/Q4 *Pro Forma	var
Net Sales	6,029	8,981	(33%)
Gross Profit	1,531	2,732	(44%)
Gross Margin%	25%	30%	(5ppt)
Operating Expenses	(1,446)	(1,698)	(15%)
Operating Income	86	1,034	(92%)
Operating Margin%	1%	12%	(11ppt%)
Net Non-Operating Income (Loss)	59	30	-
Income Before Taxes	144	1,065	(86%)
Income Taxes Expense (benefit)	2	3	(22%)
Net Income	142	1,062	(87%)
Basic EPS (NT$)	0.08	0.58	(86%)
EBITDA	810	1,676	

*Intellectual property rights income is excluded

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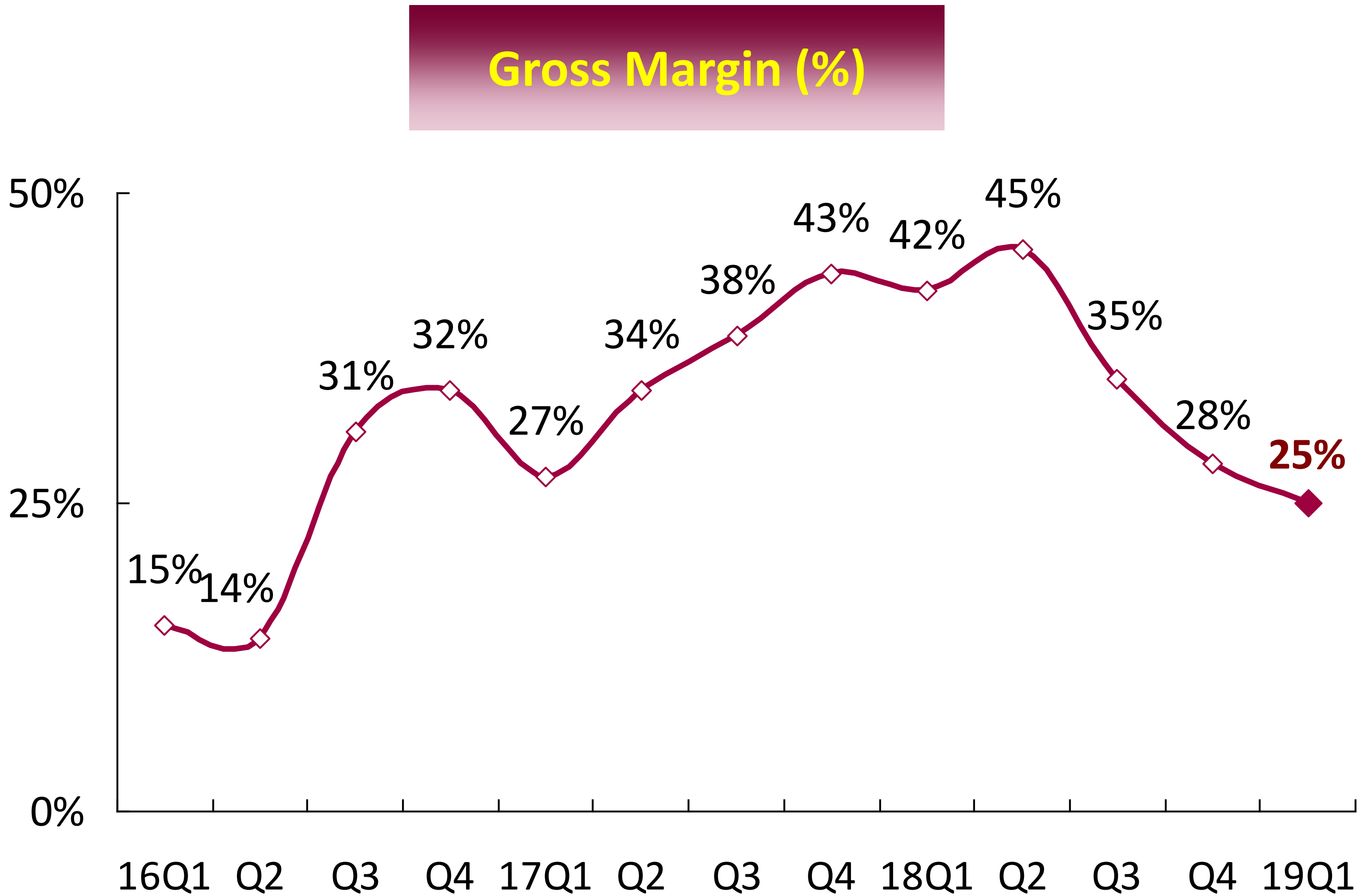
Gross margin trend



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Quarterly Consolidated Condensed Balance Sheet / Cash Flow

Unit: NTD Million (except BV)	2019/03/31	2018/12/31	2018/03/31
Cash	11,064	13,589	10,251
Inventory(Net)	18,475	17,949	11,228
Property, Plant and Equipment	21,931	19,309	17,056
Total Assets	60,133	59,049	48,300
Interest bearing debt - short term	3,621	3,335	2,947
Interest bearing debt - long term	5,411	5,885	5,980
Total Liabilities	28,438	27,688	21,498
Shareholders' Equity	31,695	31,360	26,802
Debt Ratio (%)	47.3%	46.9%	44.5%
Book Value -- NT$	17.24	17.06	14.87

Quarterly Highlight	2019/Q1	2018/Q4	2018/Q1
Depreciation & Amortization	624	576	496
Capital Expenditures	(2,603)	(1,163)	(1,503)
Cash Flow from Operating	249	4,280	2,129

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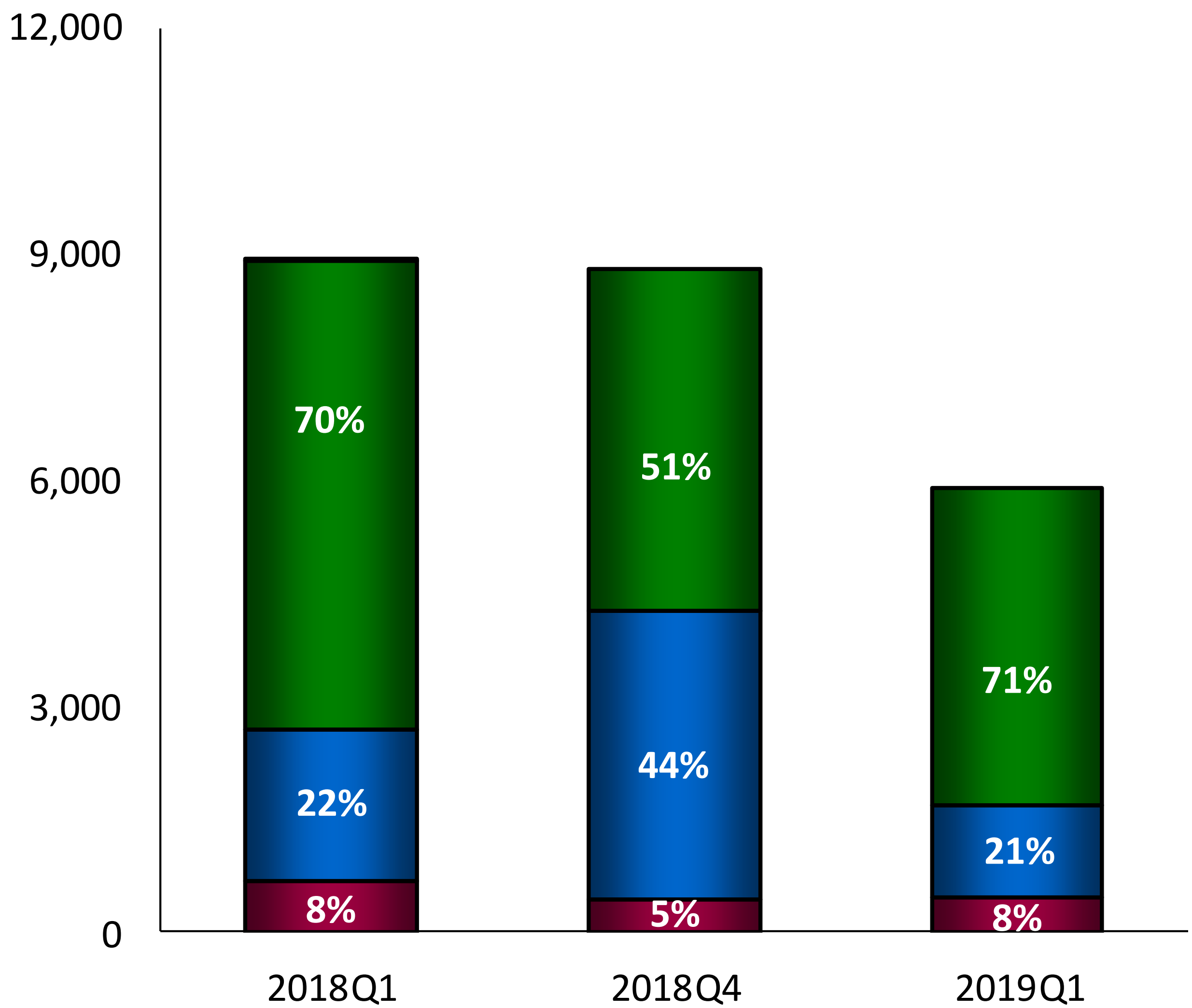
Quarterly Sales Breakdown by Products (Parent Company)



	QoQ Change	YoY Change
Flash	-7%	-33%
ROM	-68%	-38%
FBG	+2%	-33%

* FBG (foundry business group)

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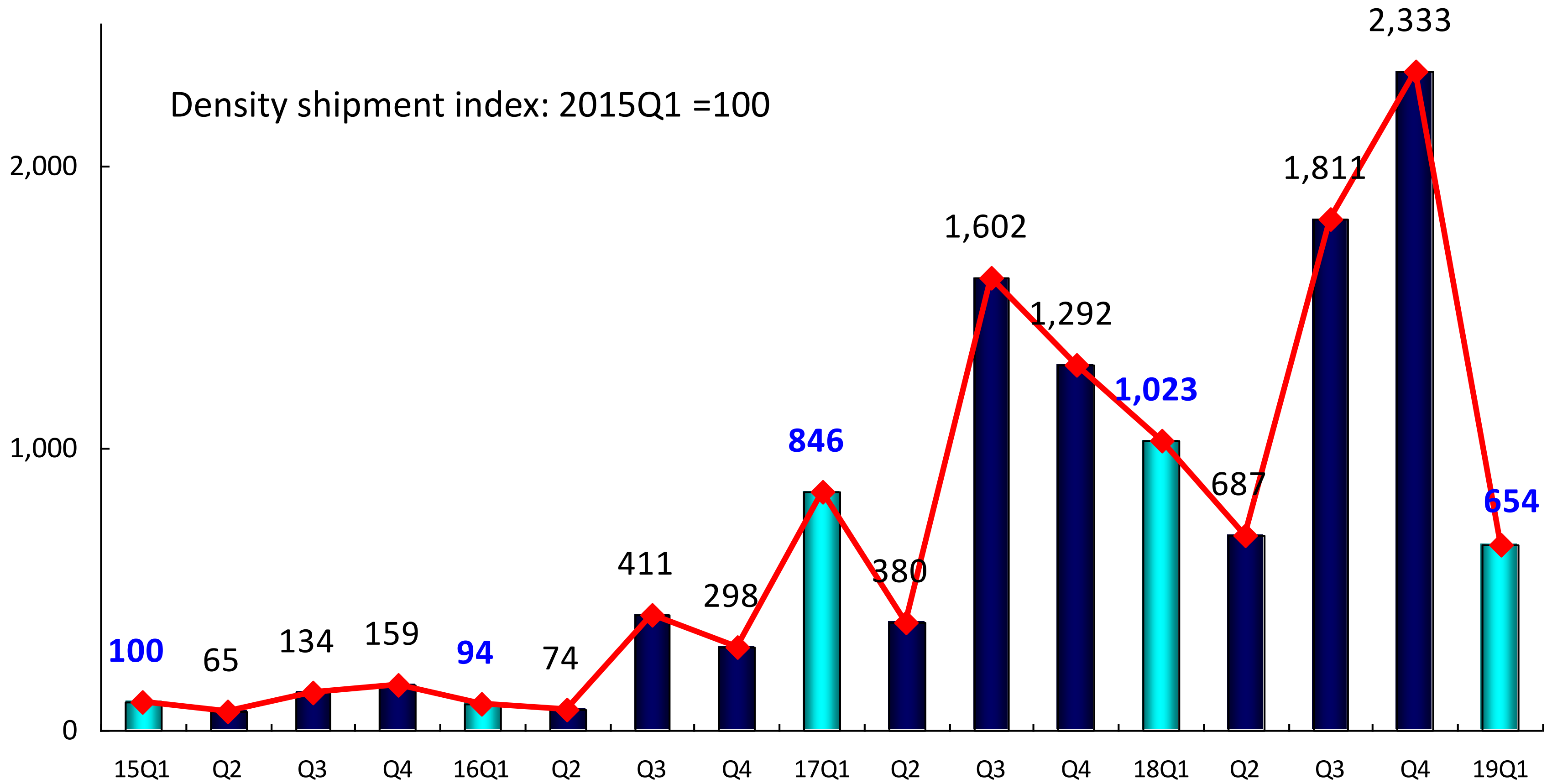
Business update - ROM

➢ROM business

- ≥ 64Gb products represented 68% of ROM business in 2019Q1



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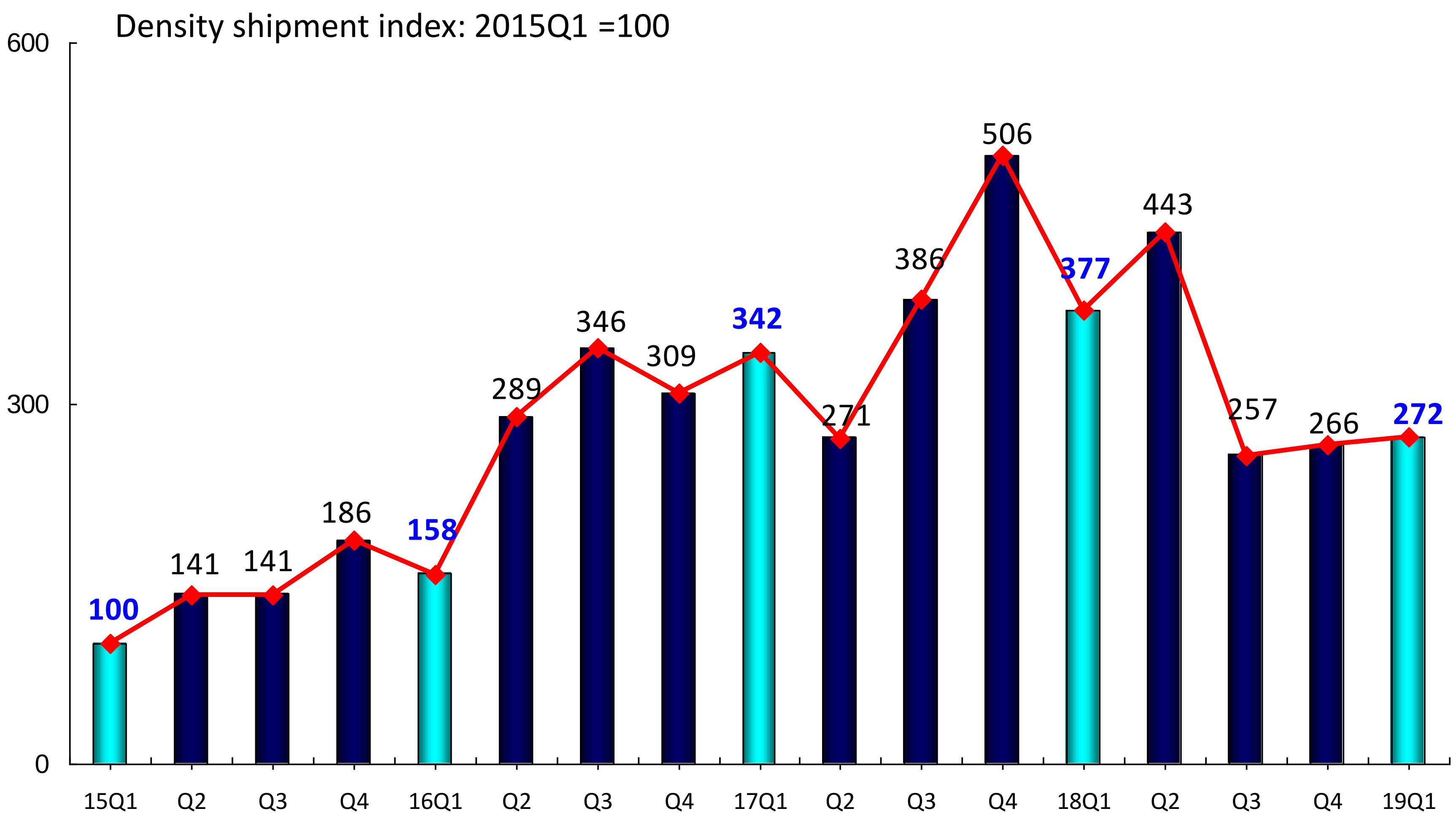
Business update – Flash



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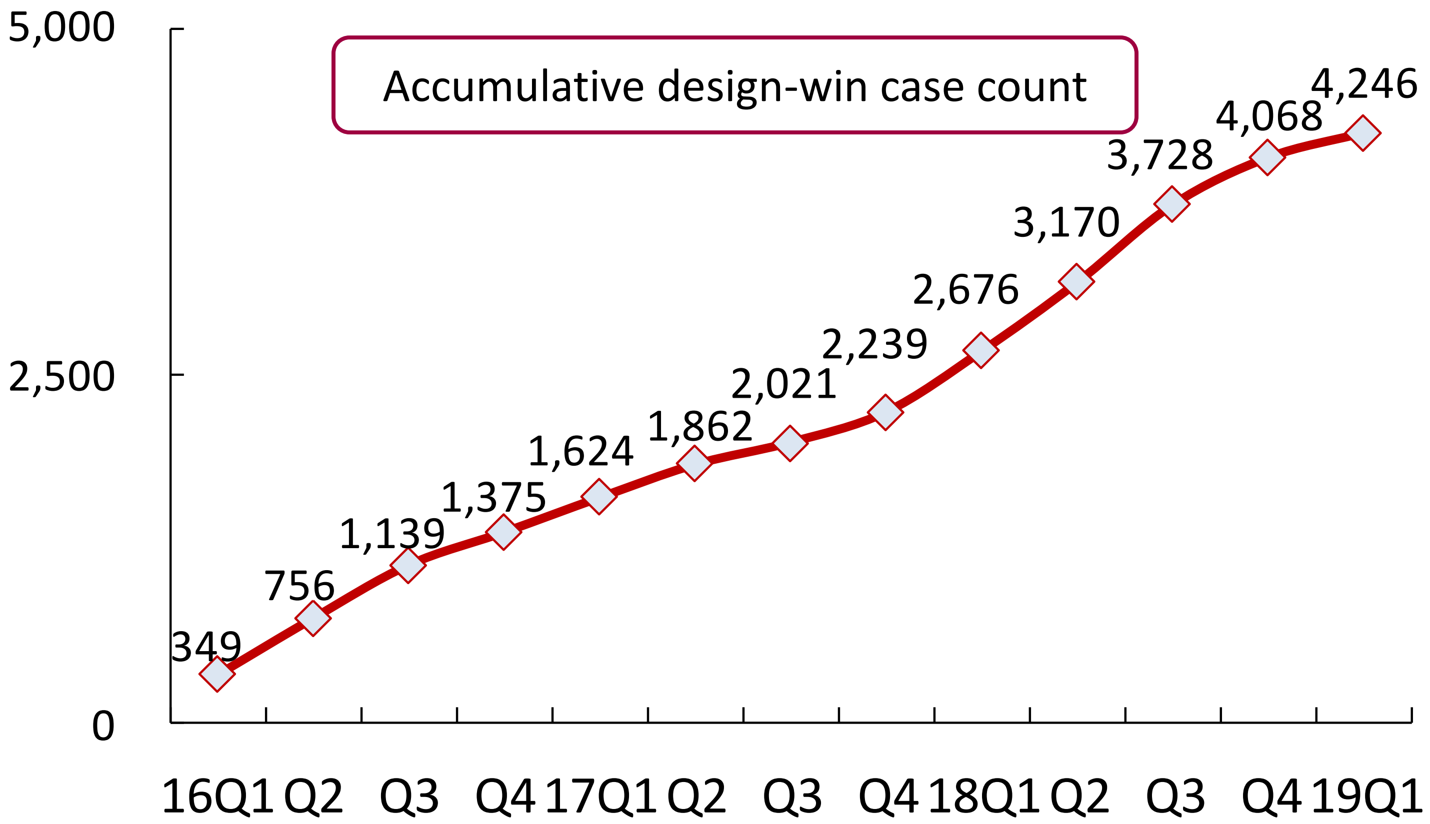
Current status of Flash memory business

➢ Flash business

- ≤75nm products increased to 63% of NOR sales in 19Q1



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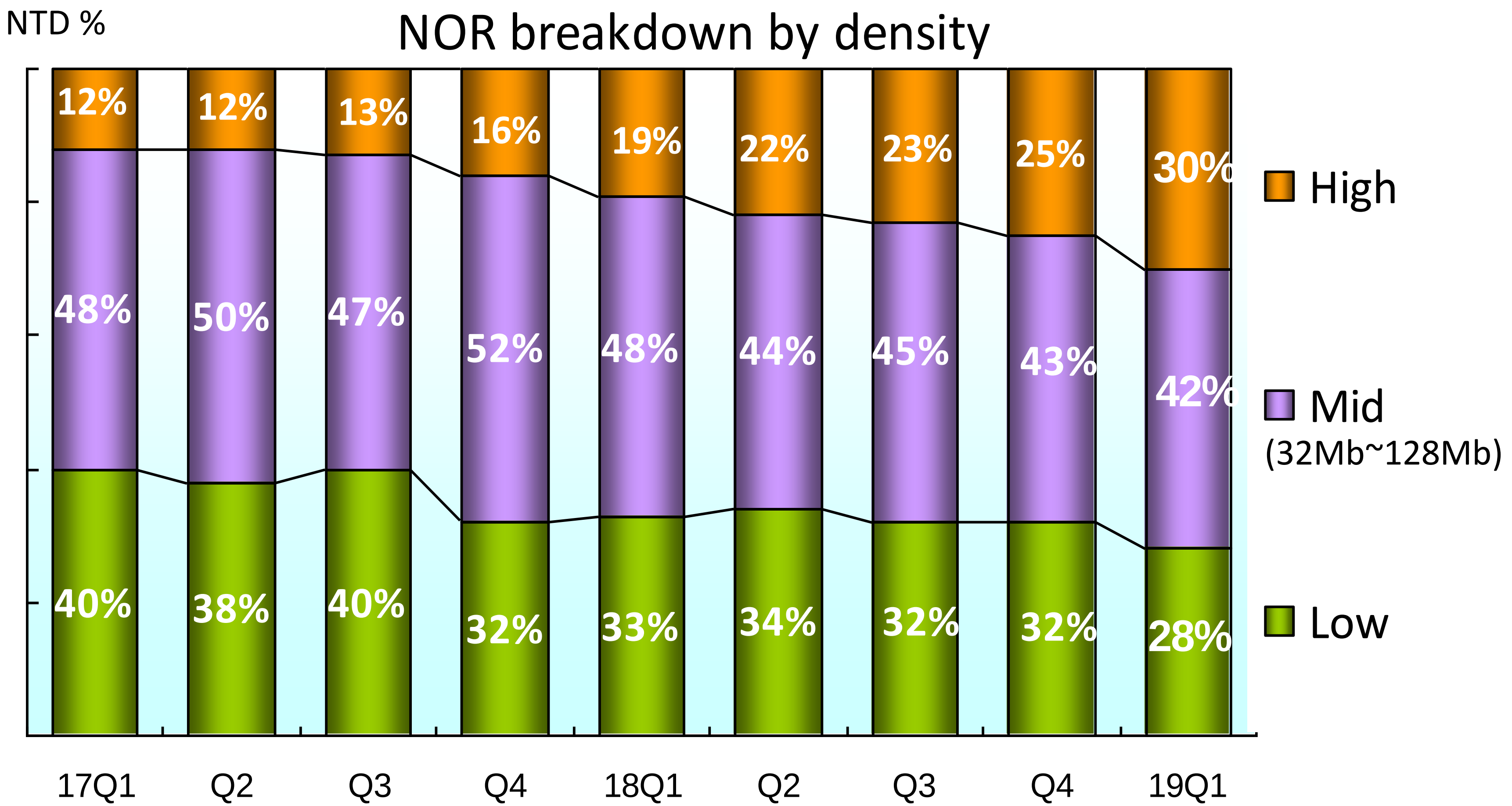
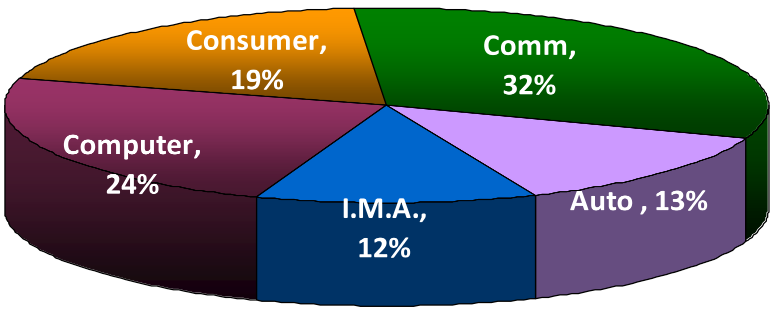
Business update – NOR flash breakdown (Parent Company)

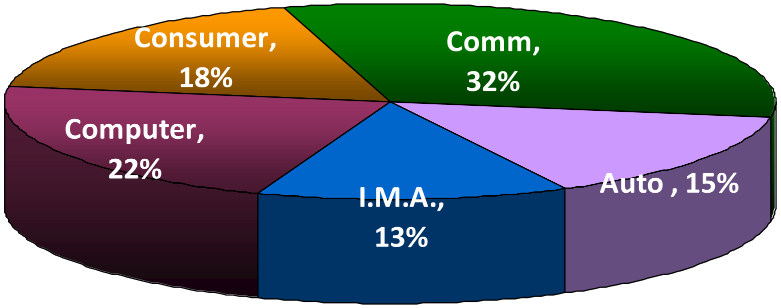


Business update – NOR flash breakdown (Parent Company)

2018Q4 NOR revenue breakdown



2019Q1 NOR revenue breakdown



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

2019Q1 NOR revenue comparison

Computer	Consumer	Communication	Automotive	I.M.A
-16% QoQ	-13% QoQ	-8% QoQ	+9% QoQ	+0% QoQ
-6% YoY	-36% YoY	-6% YoY	-0% YoY	-19% YoY

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