Macronix International Co., Ltd.
First Quarter 2024 Results

April 30, 2024

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.

Agenda

Welcome	Miin Wu
1Q24 Financial Results	Paul Yeh
Business Update	Miin Wu
Remarks and Q&A	Miin Wu

1Q24 Financial Highlights

	1Q24	4Q23	1Q23
Revenue (Billion NT$)	NT$ 5.8	NT$ 5.8	NT$ 7.1
Gross margin %	19.8%	19.1%	25.1%
Operating margin %	(22.6%)	(19.8%)	(6.2%)

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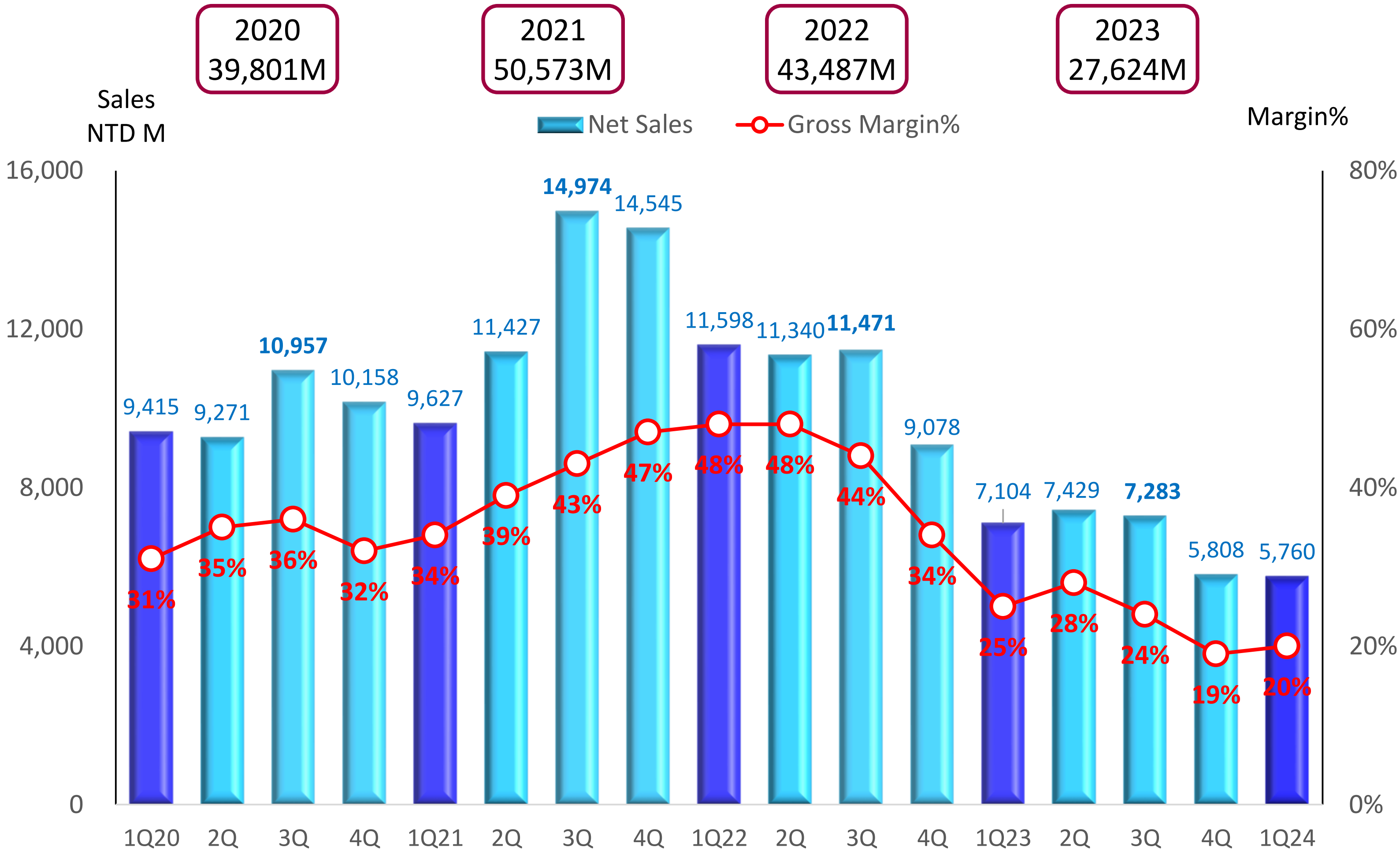
Quarterly Financial Results

Unit：NTD Million (except EPS)	1Q24	4Q23	1Q23	QoQ	YoY
Net Sales	5,760	5,808	7,104	(1%)	(19%)
Gross Profit	1,142	1,111	1,786	3%	(36%)
Gross Margin%	19.8%	19.1%	25.1%	0.7ppt	(5.3ppt)
Operating Expenses	(2,444)	(2,260)	(2,225)	8%	10%
Operating Income (Loss)	(1,302)	(1,149)	(439)	13%	196%
Operating Margin%	(22.6%)	(19.8%)	(6.2%)	(2.8ppt)	(16.4ppt)
Net Non-Operating Income (Loss)	105	20	51		
(Loss)Income Before Taxes	(1,196)	(1,129)	(388)	6%	208%
Income Taxes Benefit (Expense)	118	122	33		
Net (Loss)Income	(1,079)	(1,007)	(355)	7%	204%
Basic EPS (NT$)	(0.58)	(0.54)	(0.19)		
EBITDA	76	(7)	755		
EBITDA %	1%	(0%)	11%		
Weighted avg outstanding million shares	*1,854*	*1,854*	*1,854*		

MACRONIX INTERNATIONAL CO., LTD.

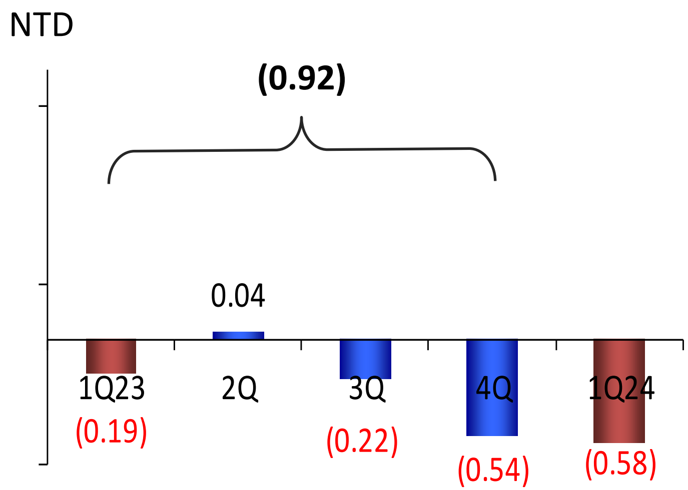
Sales and Gross Margin Rate



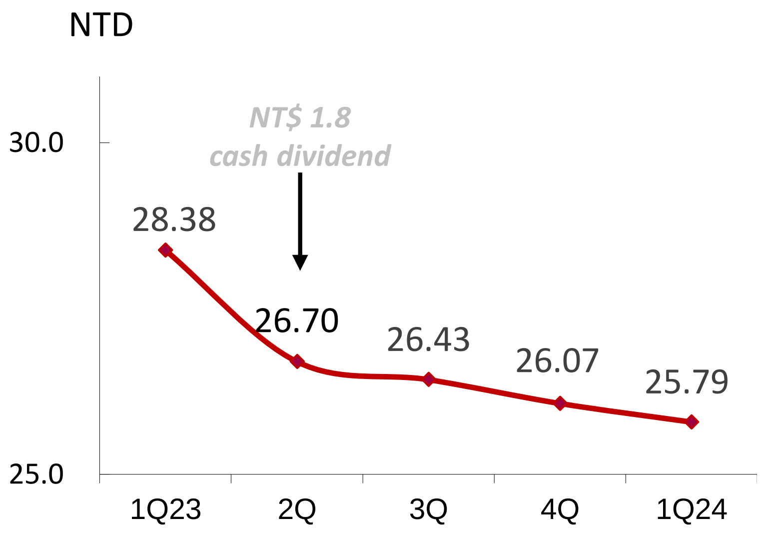
Corporate Value

	1Q24	1Q23
Basic EPS -- NT$	(0.58)	(0.19)
Book Value -- NT$	25.79	28.38

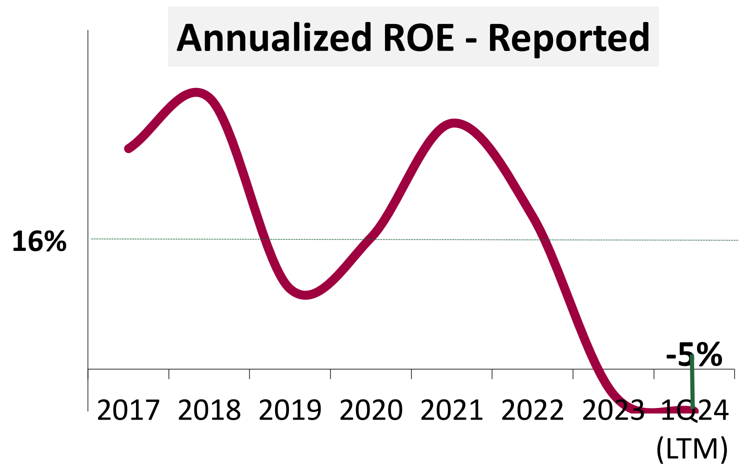
Basic EPS

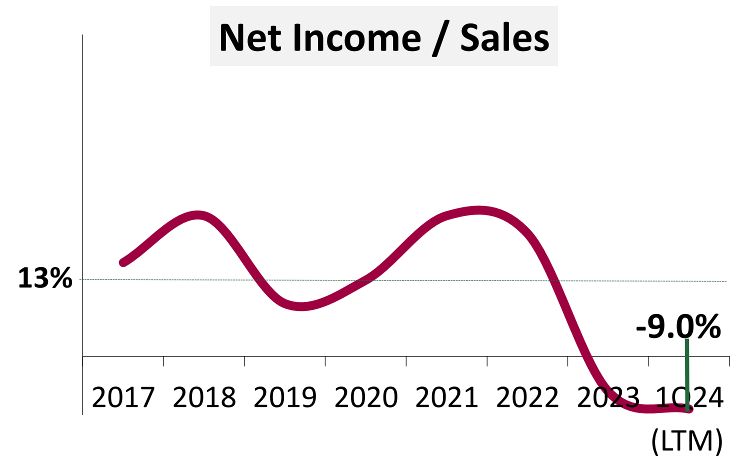


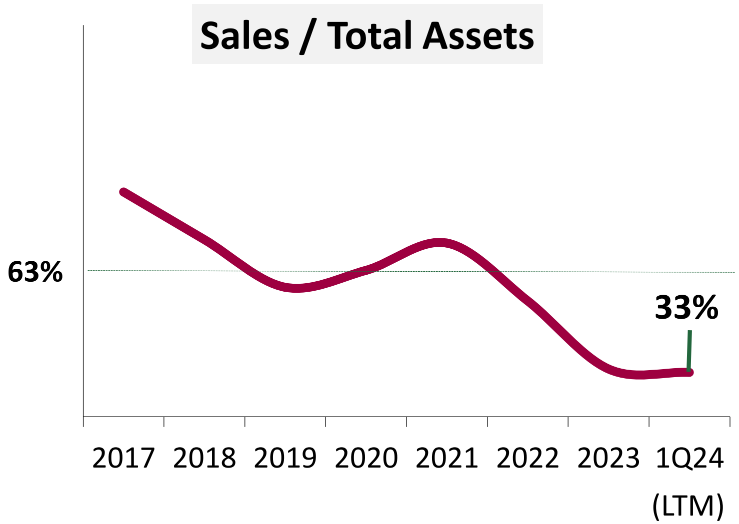
Book Value

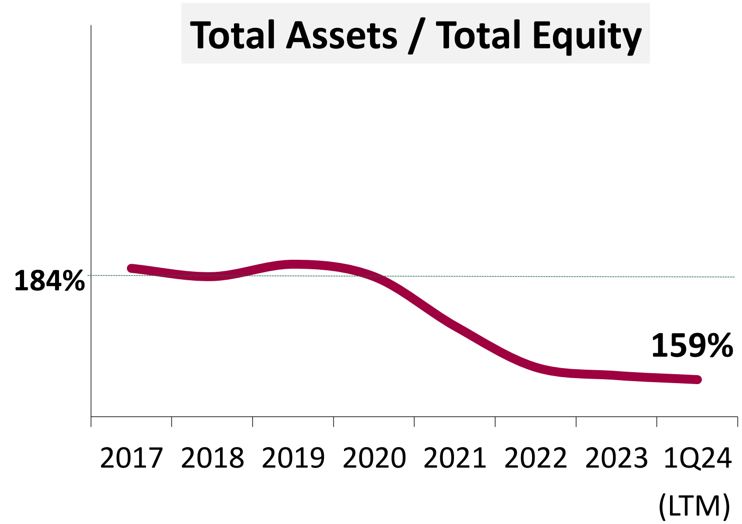


Return On Equity (GAAP)









Quarterly Consolidated Condensed Balance Sheet

Unit: NTD Million (except BV)	3/31/'24	12/31/'23	3/31/'23
Cash	10,719	11,906	14,999
Inventory(Net)	13,158	13,369	14,959
Property, Plant and Equipment	41,802	41,498	39,914
Total Assets	77,876	77,811	81,740
Interest bearing debt - short term	3,263	2,117	5,325
Interest bearing debt - long term	17,724	17,347	8,790
Total Liabilities	30,071	29,485	29,132
Debt Ratio (%)	38.6%	37.9%	35.6%
Shareholders' Equity	47,804	48,326	52,608
Book Value -- NT$	25.79	26.07	28.38

Note: MXIC Issues 2024/03/31 outstanding million shares of 1,854

Quarterly FCF and Capex Plan

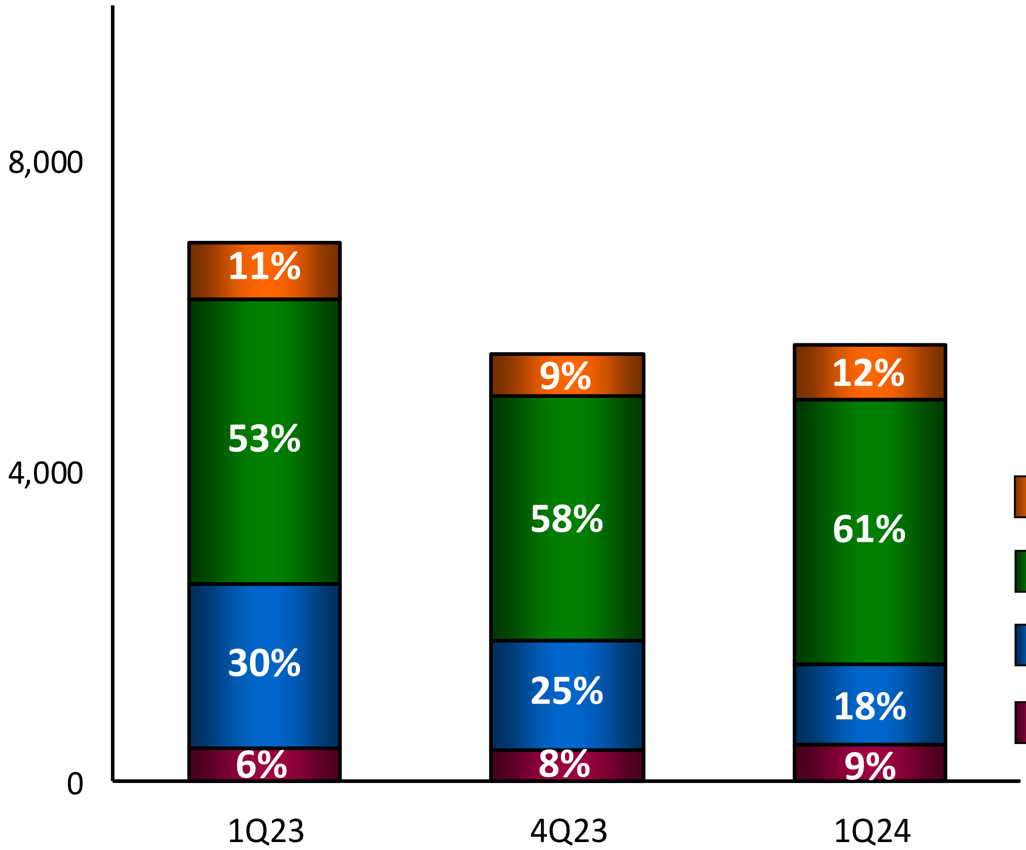
Unit: NTD Million	1Q24	4Q23	1Q23
Cash Flow from Operating	(1,255)	753	(425)
Depreciation & Amortization	1,199	1,060	1,076
Cash Flow from Investing	(1,511)	(1,439)	(2,689)
Capital Expenditures	(1,667)	(1,524)	(2,748)
Cash Flow from Financing	1,501	(679)	(1,566)
Net Change*	(1,186)	(1,527)	(4,765)
Ending Balance	10,719	11,906	14,999
Free Cash Flow**	(2,922)	(771)	(3,173)

*Net change includes the effect of exchange rate changes

**Free Cash Flow=Cash Flow from Operating - Capital Expenditures

Quarterly Sales Breakdown by Products (Parent Company)

Unit: NTD Million



	QoQ Change	YoY Change
NAND	+33%	-6%
NOR	+8%	-7%
ROM	-27%	-51%
FBG	+16%	+10%

* FBG (Foundry Business Group)

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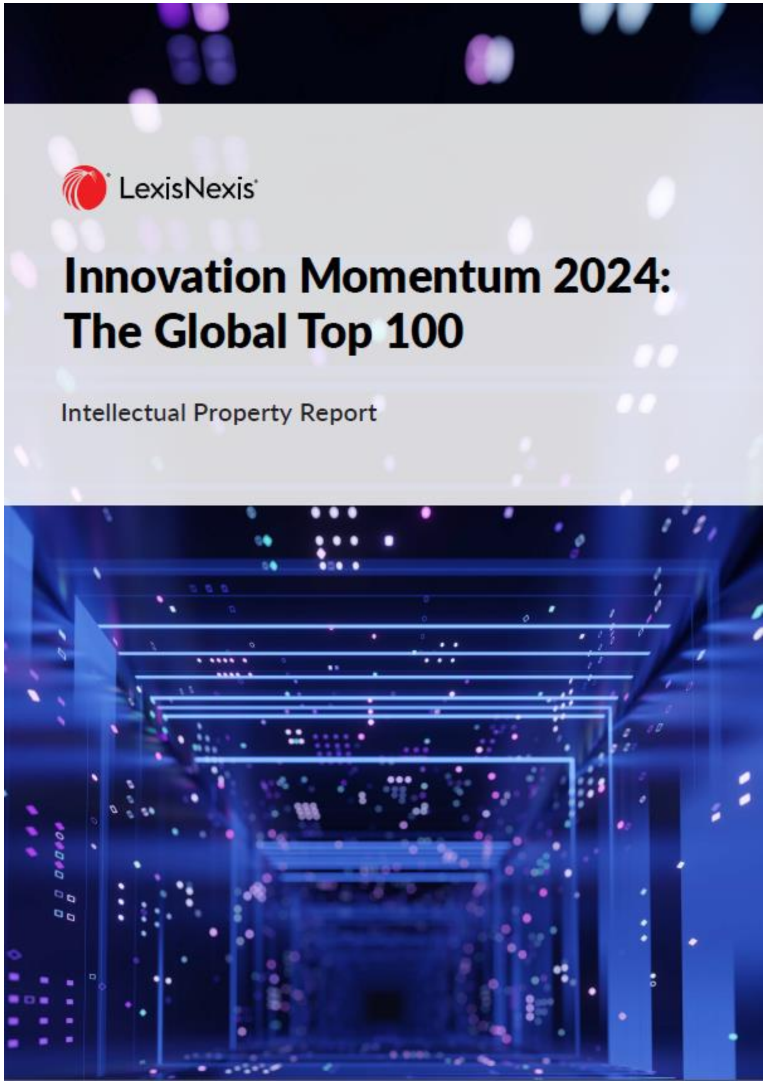
Business Update - At the Top of Innovation

- ✓ Macronix was chosen for the third straight year for LexisNexis Legal & Professional's Global Top 100, celebrating the world's most dynamic innovators.

- ✓ Over the past 35 years, Macronix has invested heavily in the research and development of non-volatile memory technology. As a result of those investments, Macronix has been granted more than 9,200 patents world-wide

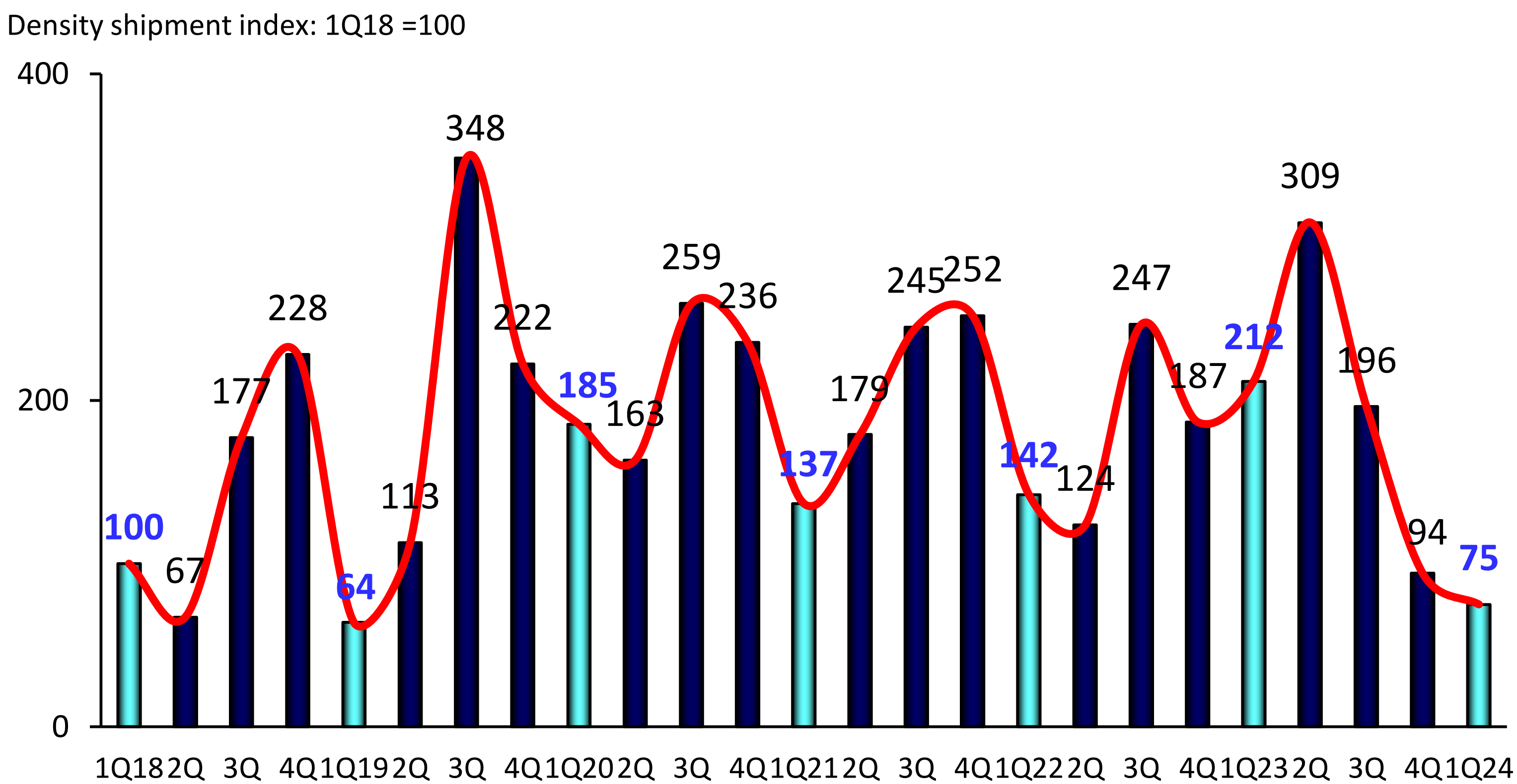


Source: LexisNexis Report on Innovation Momentum 2024: The Global Top 100 (2024/4)

Business Update - ROM

➢ROM business

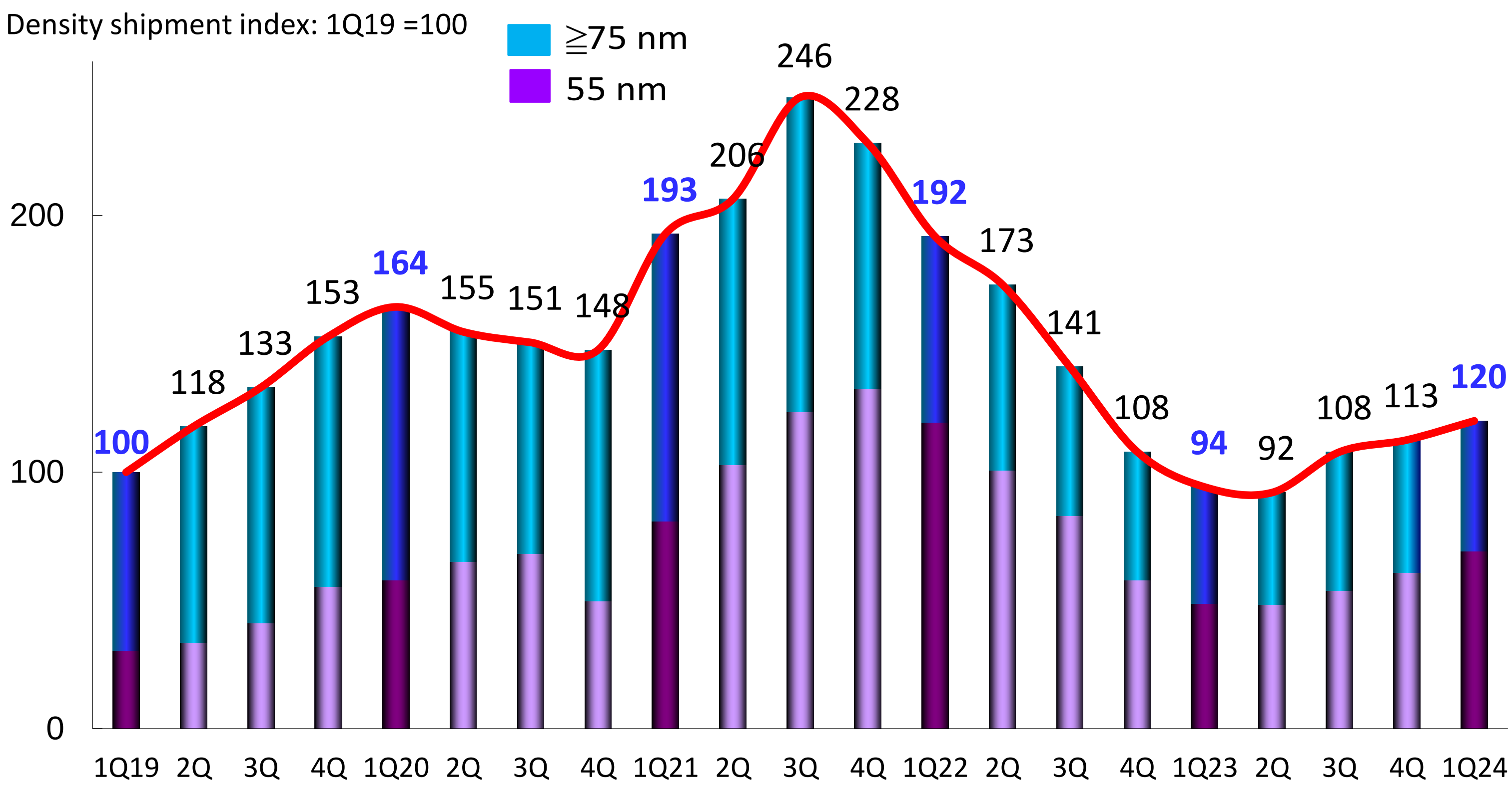
- ✓ The console life cycle peaked out
- ✓ Customer demand patterns for games might be similar to those of past years



Business Update - NOR

➢ NOR business

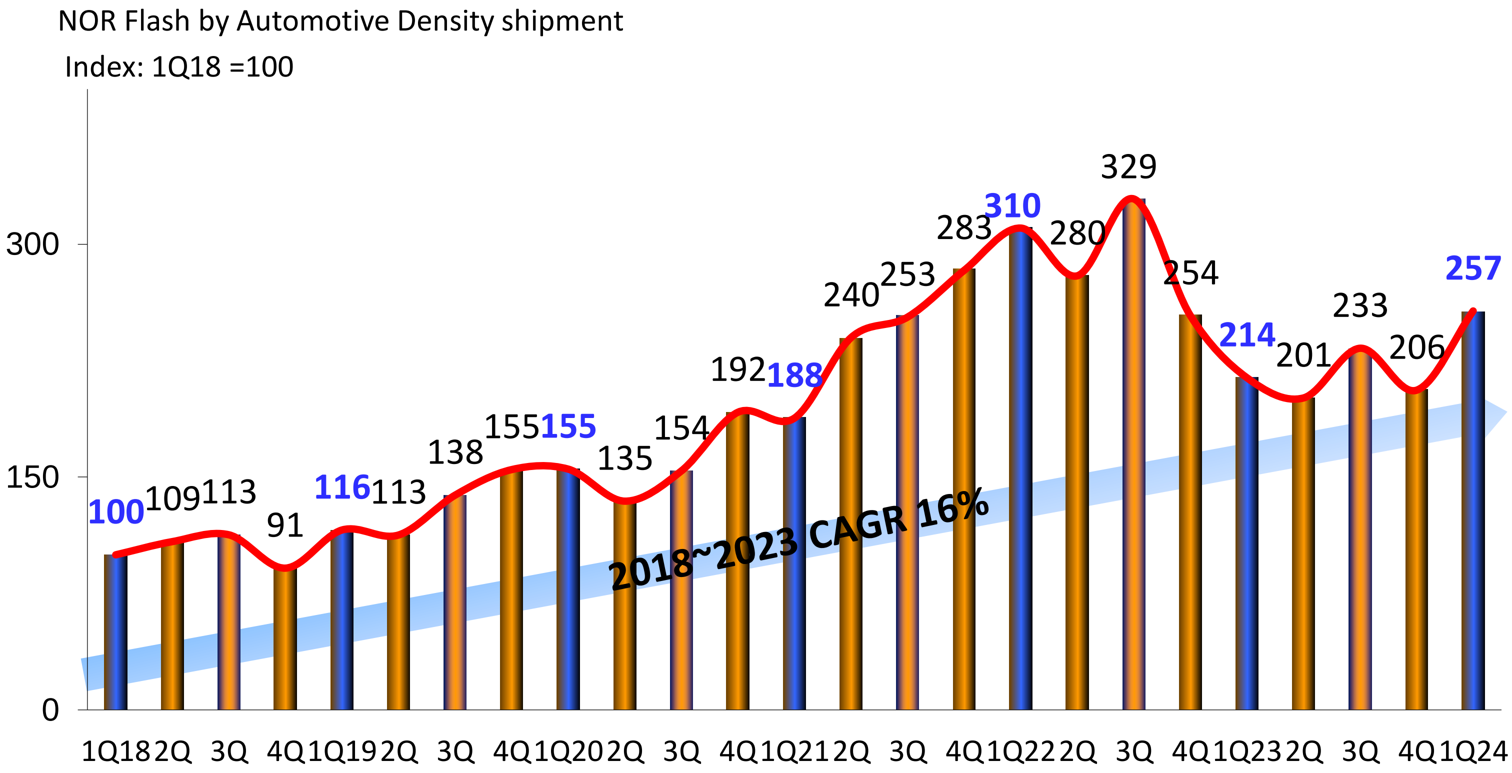
- ✓ Inventory restocking from the application such as server and storage
- ✓ The order-in trend gradually recovers and returns to the level of 2022



The Best Flash Solution for Automobile Applications

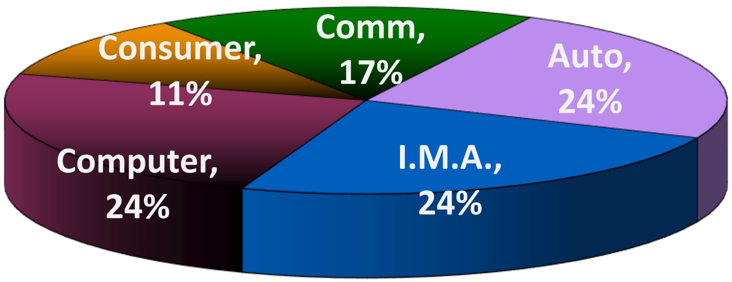
➢ Auto business

- ✓ Business remains robust, especially BEV with advanced applications exhibiting stable growth
- ✓ Continued growth in demand for high-end automotive applications

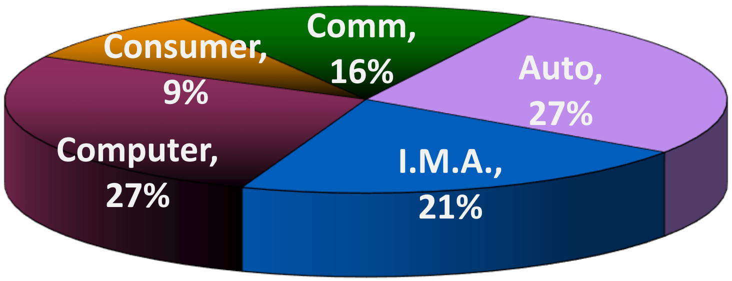


Business Update NOR – Quarterly (Parent Company)

4Q23 NOR Revenue Breakdown



1Q24 NOR Revenue Breakdown



Computer	Consumer	Communication	Automotive	I.M.A
+13% QoQ	-8% QoQ	-9% QoQ	+18% QoQ	-9% QoQ
+1% YoY	-3% YoY	-24% YoY	+13% YoY	-18% YoY

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

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