1Q 2023 PRESENTATION

RENESAS ELECTRONICS CORPORATION
APRIL 27, 2023

NON-GAAP BASIS INFORMATION

In this section, Renesas Electronics Group (hereinafter “the Group”) applies non-GAAP financial measures (hereinafter “non-GAAP basis”) used for management’s decision making. Non-GAAP figures are calculated by removing or adjusting non-recurring items and other adjustments from GAAP (IFRS: International Financial Reporting Standards) figures following a certain set of rules. The Group believes providing non-GAAP figures will help to better understand the Group’s constant business results.

The Group reports its forecasts on a quarterly basis as a substitute for a yearly forecast.

DISCLAIMER

- **Adoption of IFRS:** With the outlook that the Group will continue to expand globally and to provide financial figures that can be compared on a global scale, the Group discloses its consolidated financial statements in accordance with IFRS starting from the annual securities report for FY2018/12.
- **Non-GAAP figures:** Non-GAAP figures are calculated by removing or adjusting non-recurring items and other adjustments from GAAP (IFRS) figures following a certain set of rules. This adjustment and exclusion include the amortization of intangible assets recognized from acquisitions, other PPA (purchase price allocation) adjustments relating to acquisitions, stock-based compensation, as well as other non-recurring expenses and income the Group believes to be applicable.
- **Presentation of financial forecasts:** Starting from the consolidated forecasts for the three months ended March 31, 2019, the Group presents its financial forecasts as a range, and gross margin and operating margin figures in the non-GAAP format. The gross margin and operating margin forecasts are given assuming the midpoint in the sales revenue forecast.
- **Purchase Price Allocation (PPA):** The allocation of the acquisition costs for the business combination with Steradian Semiconductors Private Limited (“Steradian”) , which was completed on October 17, 2022, has been revised during the current fiscal year. This revision to the allocation of the acquisition costs **(PPA)** has been reflected in the consolidated financial results for the year ended December 31, 2022.

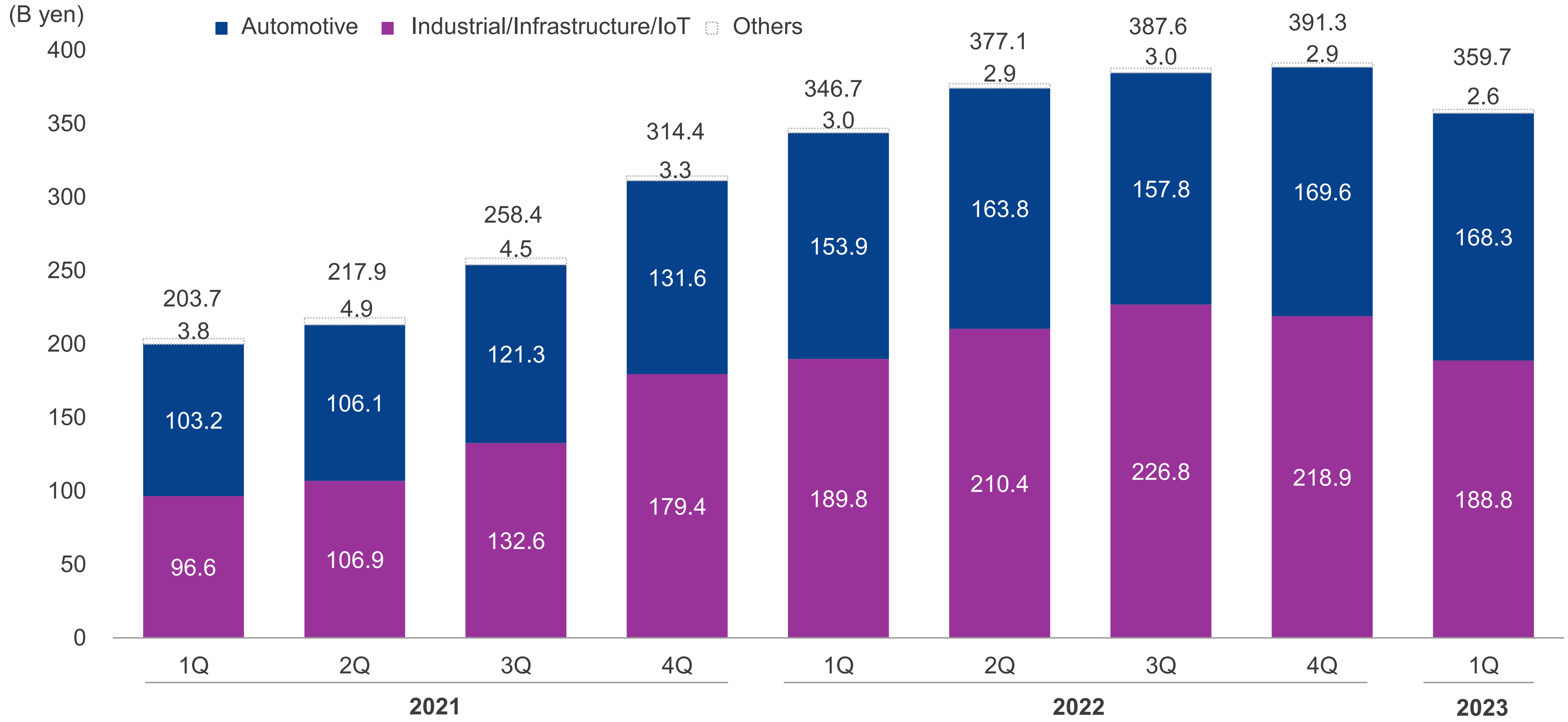
1Q 2023 FINANCIAL SNAPSHOT

NON-GAAP

(B yen)	2022		2023				
	1Q (Jan-Mar)	4Q (Oct-Dec)	1Q (Jan-Mar) Forecast	1Q (Jan-Mar) Actual	YoY	QoQ	Change from Feb 9 FCT*1
Revenue	346.7	391.3	355.0 (±7.5)	**359.7**	**+3.7%**	**-8.1%**	**+1.3%**
Revenue (Excluding Foreign Exchange Impact)	-	-	-	**-**	**-6.3%**	**-2.5%**	**+0.8%**
Gross Margin	58.4%	56.0%	54.5%	**56.2%**	**-2.2pts**	**+0.2pt**	**+1.7pts**
Operating Profit (Margin)	135.5 (39.1%)	135.7 (34.7%)	32.5%	**124.8 (34.7%)**	**-10.8 (-4.4pts)**	**-10.9 (+0.0pt)**	**+9.4 (+2.2pts)**
Profit Attributable to Owners of Parent	90.2	109.3	-	**107.5**	**+17.3**	**-1.8**	**-**
Profit Attributable to Owners of Parent (Excluding Foreign Exchange Impact) *2	107.8	85.6	-	**106.8**	**-1.0**	**+21.2**	**-**
EBITDA*3	155.2	155.5	-	**144.3**	**-10.9**	**-11.2**	**-**
1 US$=	115 yen	144 yen	130 yen	**133 yen**	**18 yen depreciation**	**12 yen appreciation**	**3 yen depreciation**
1 Euro=	130 yen	144 yen	140 yen	**142 yen**	**12 yen depreciation**	**2 yen appreciation**	**2 yen depreciation**

*1: Each figure represents comparisons with the midpoint in the sales revenue forecast range
*2: Profit attributable to owners of parent – foreign exchange gain/loss
*3: Operating profit + Depreciation and amortization

QUARTERLY REVENUE TRENDS
NON-GAAP



Revenue

YoY: +3.7%
QoQ: -8.1%

Automotive

YoY: +9.3%
QoQ: -0.8%

Industrial/ Infrastructure/IoT

YoY: -0.6%
QoQ: -13.8%

1Q 2023 REVENUE AND GROSS/OPERATING MARGIN

NON-GAAP

	Automotive	Industrial / Infrastructure / IoT	Company Total
Revenue	168.3 B yen vs FCT: + QoQ: -0.8%	188.8 B yen vs FCT: + QoQ: -13.8%	359.7 B yen vs FCT: +1.3% QoQ: -8.1%
Gross Margin	52.8% QoQ: +4.6pts	59.4% QoQ: -3.1pts	56.2% vs FCT: +1.7pts QoQ: +0.2pt
Operating Margin	36.1% QoQ: +5.0pts	33.5% QoQ: -3.2pts	34.7% vs FCT: +2.2pts QoQ: +0.0pt

Operating Margin vs FCT +2.2pts

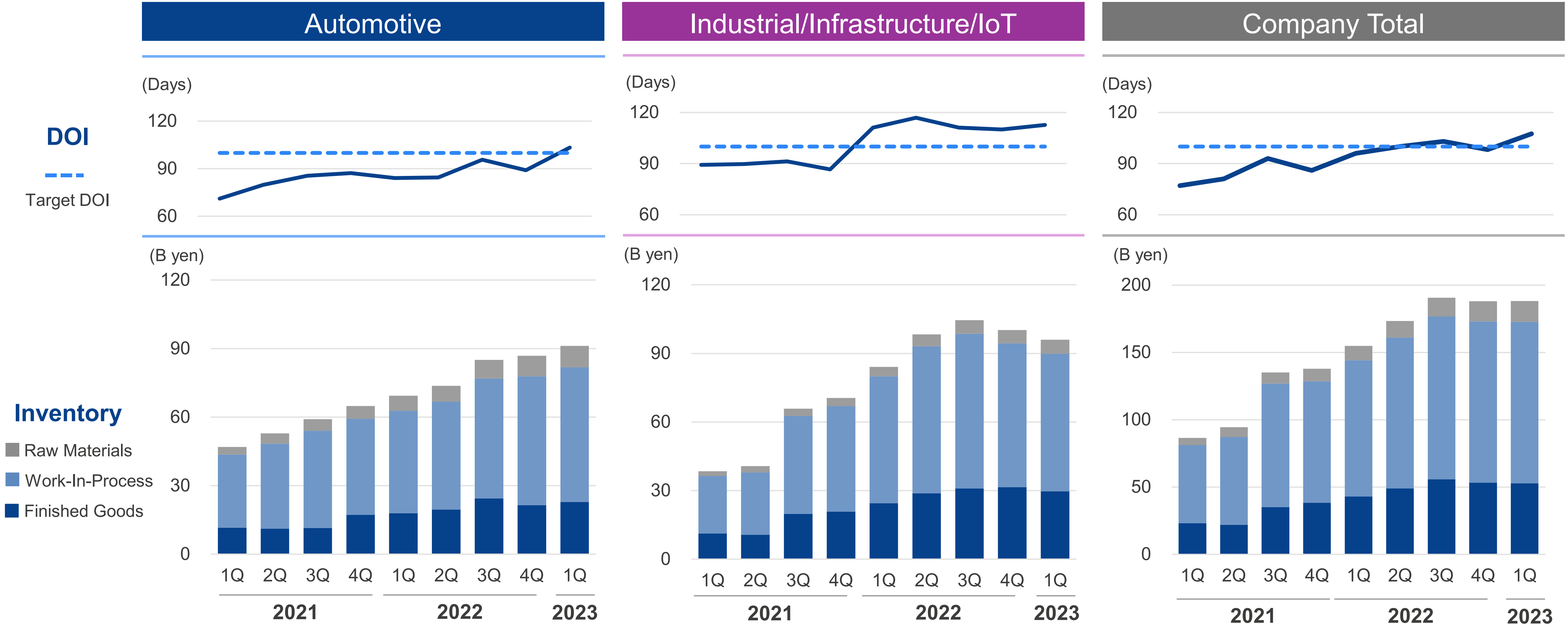
- ↑ **Revenue**
- ↑ **Gross Margin** vs FCT: +1.7pts
  - → Currency Impact
  - ↑ Product Mix
  - ↑ Production Recovery
  - ↑ Production Costs, etc.
- ↓ **Operating Expenses**

Operating Margin QoQ +0.0pt

- ↓ **Revenue**
- ↑ **Gross Margin** QoQ: +0.2pt
  - → Currency Impact
  - ↑ Product Mix
  - ↓ Production Recovery
  - ↓ Production Costs, etc.
- ↓ **Operating Expenses**

RENESAS

IN-HOUSE INVENTORY (FINANCIAL ACCOUNTING BASIS) AND DOI*1*2



*1: DOI: Days of Inventory = Inventory valuation balance at the end of the quarter / cost of sales of the quarter (Non-GAAP) × 90.
*2: The figures include Dialog's inventories from 3Q21 and Celeno's inventories from 4Q21. However, note that Dialog's quarterly cost of sales for 3Q21 is calculated by multiplying Dialog's September costs by 3.

SALES CHANNEL INVENTORY*1 (MANAGEMENT ACCOUNTING BASIS) AND WOI*2 FY2023 BUDGET RATE BASE

WOI

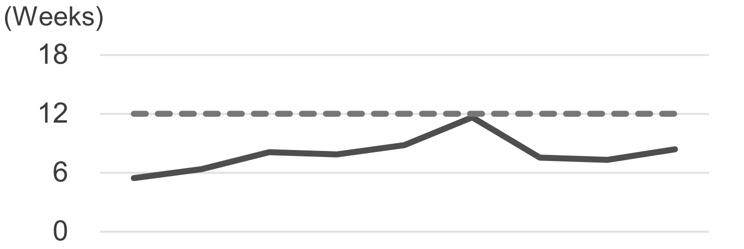
Target WOI

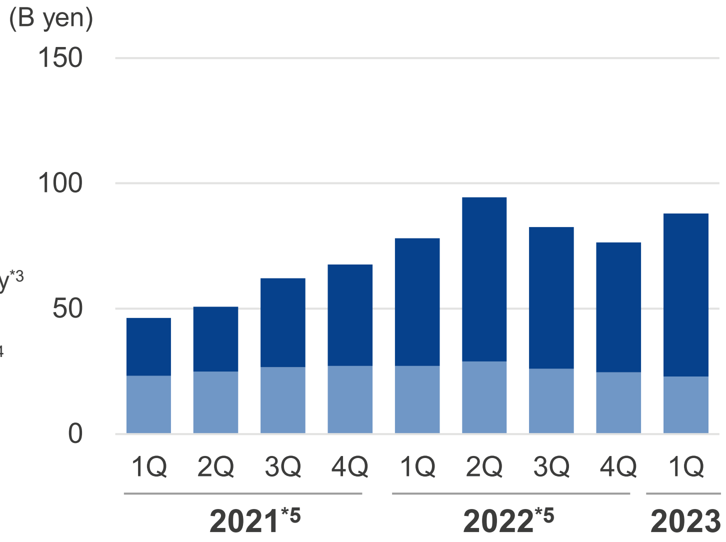
Inventory

Liquid Inventory*3

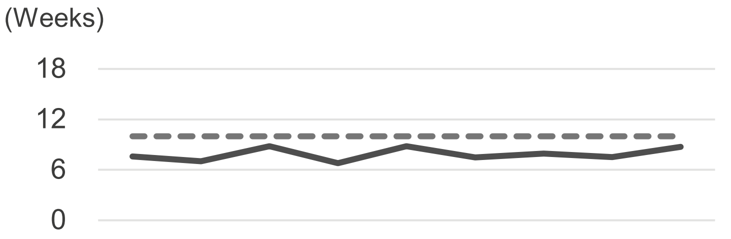
Long-Term Inventory, etc.*4

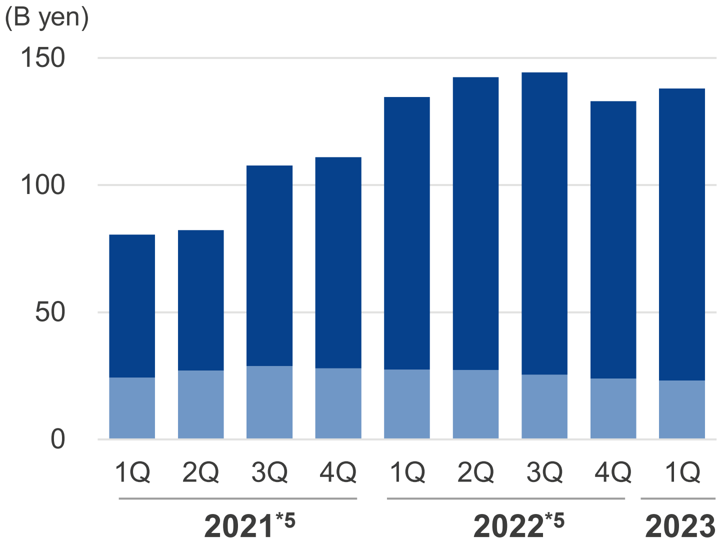
Automotive



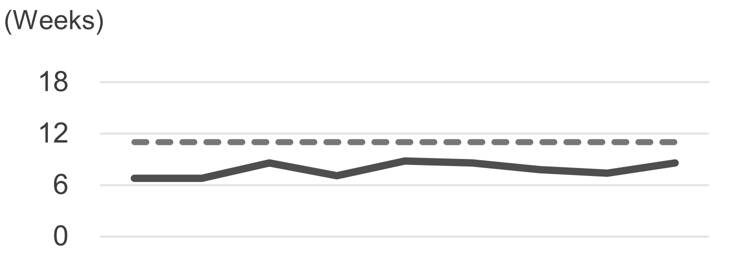


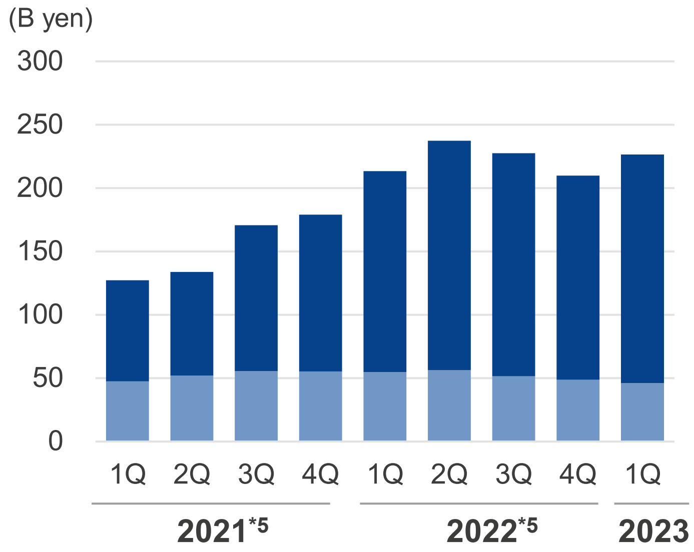
Industrial/Infrastructure/IoT





Company Total

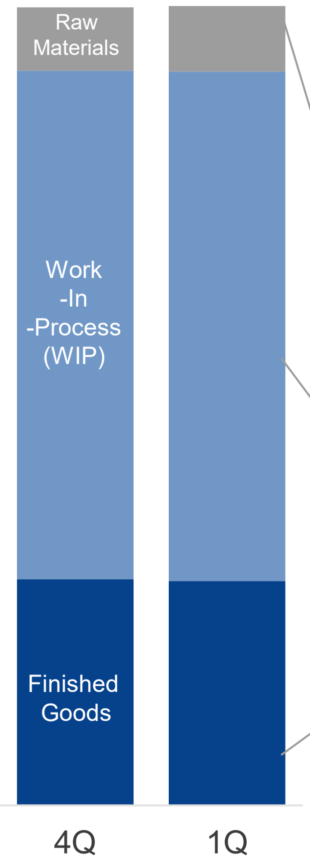




*1: Channel Inventory: Total inventory amount for Tokuyakutens for Japanese customers and overseas distributors (including channel inventories of Dialog from September 2021 and those of Celeno from March 2022)
*2: WOI: Weeks of Inventory = Channel inventory at the end of the quarter / (cost of channel sales in the quarter / 13 weeks). It should be noted that from the inventory management perspective, to calculate appropriate WOI, certain Long-Term Inventory is excluded from Channel Inventory *3: Liquid Inventory: Channel Inventory – Long-Term Inventory, etc.
*4: Long-Term Inventory: Inventory with unique holding periods (End of Life or "EOL" products, e-commerce inventory etc.)
*5 Exchange rates for the FY2021 and FY2022 have been adjusted (and are calculated based on the FY2023 exchange rate) in accordance with the change in exchange rate for the FY2023 budget.

INVENTORY ANALYSIS

In-House Inventory



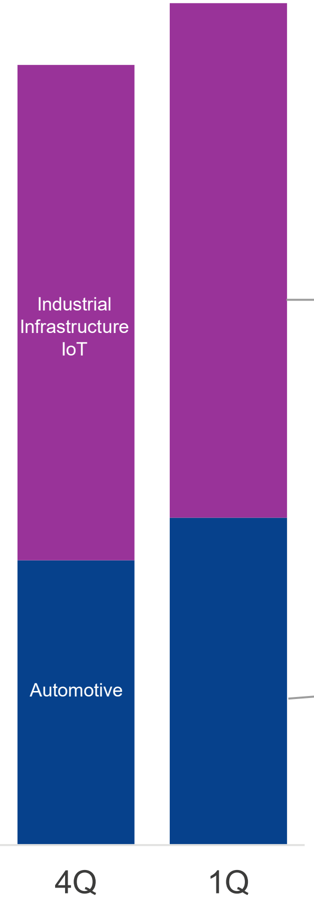
4Q22 → 1Q23

- BCM response
- Increased die bank inventory
- Production adjustment in anticipation of softening demand
- Shipments based on demand

1Q → 2Q Outlook

- Maintenance of appropriate inventory level
- Continuous increase in die bank inventory
- Continuous production adjustment in anticipation of softening demand
- Continuous shipments based on demand

Sales Channel Inventory



4Q22 → 1Q23

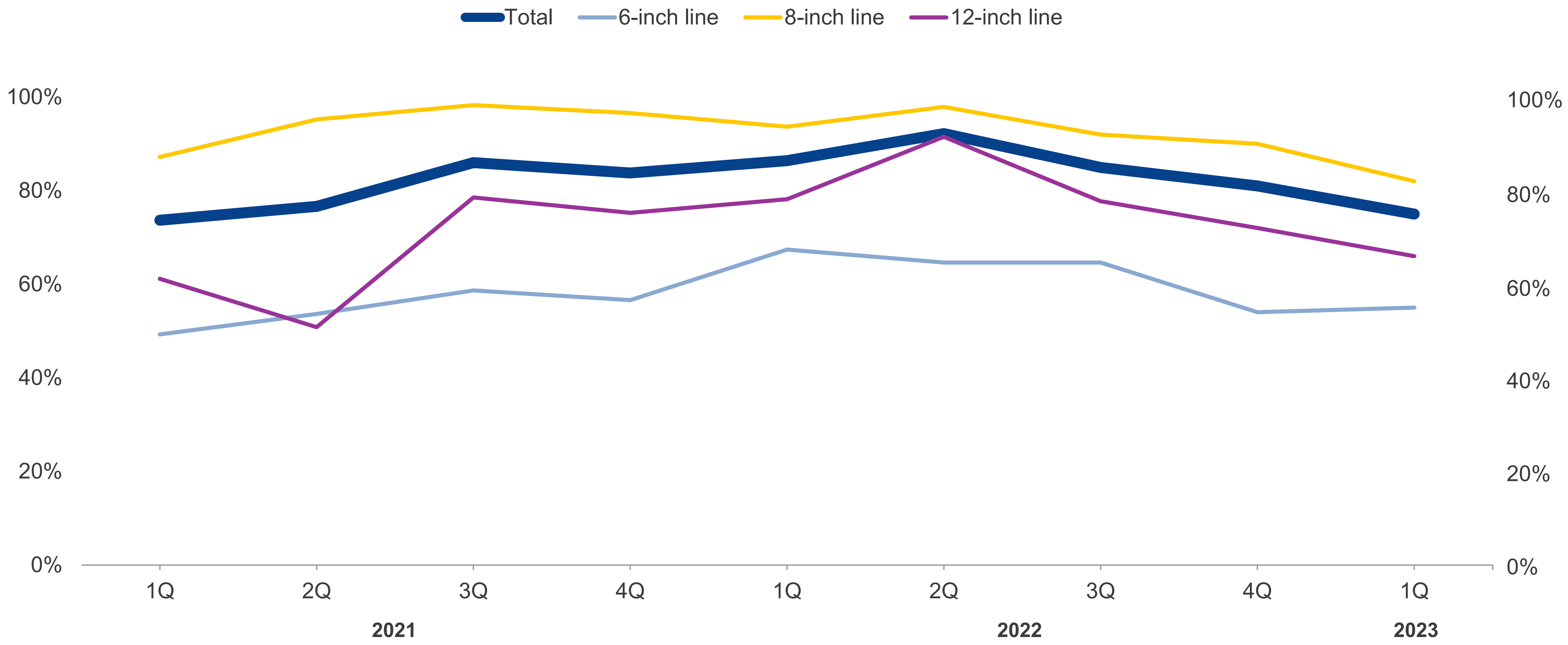
- Shipment adjustment in anticipation of softening demand
- Increased inventory level
- Inventory restocking
- Increased inventory level

1Q → 2Q Outlook

- Increase in inventory level
- Increase in inventory level

QUARTERLY TRENDS IN FRONT-END UTILIZATION RATE*1

WAFER INPUT BASIS

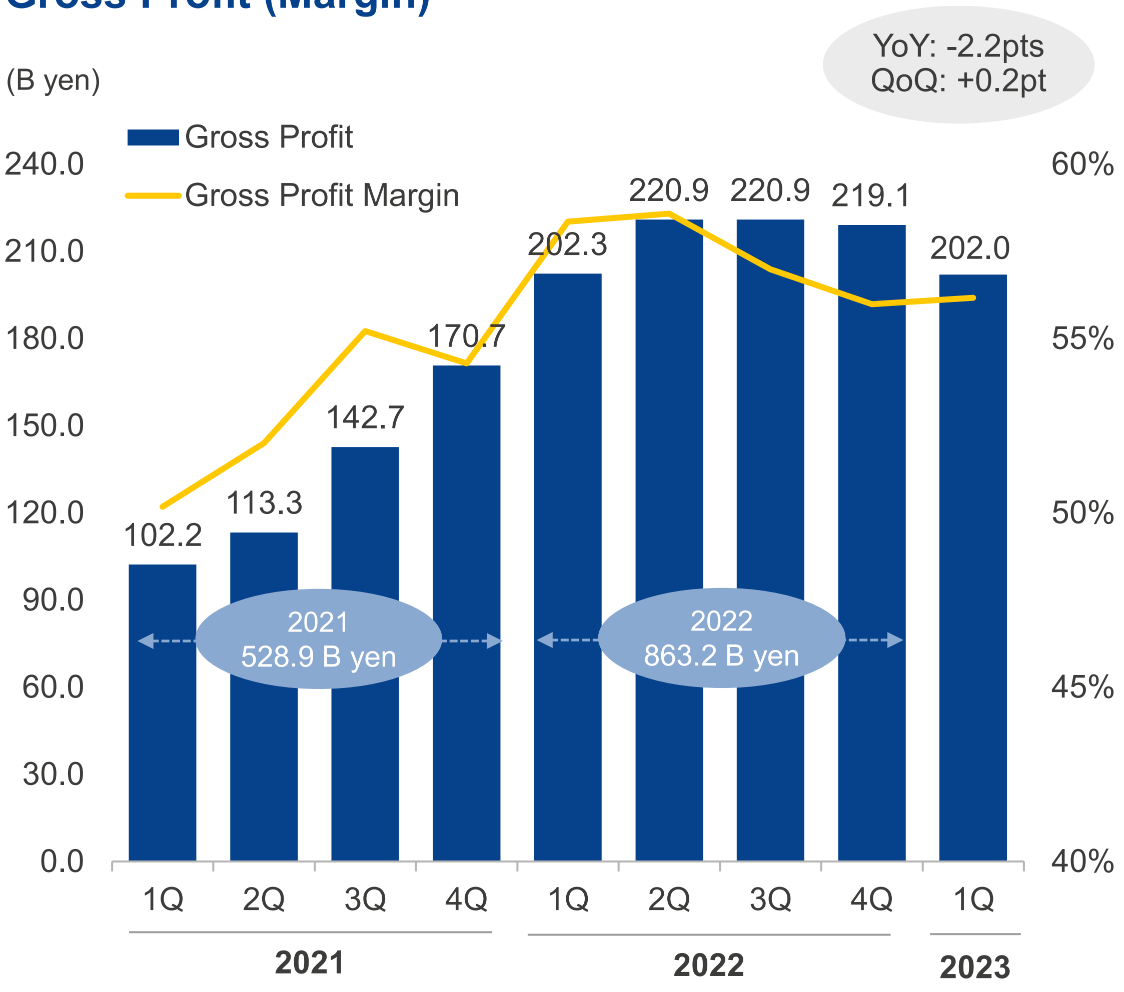


*1: Utilization rates are calculated by excluding the 6-inch line capacity of the Shiga Factory (closed in August 2021) and the Yamaguchi Factory (closed in June 2022) from 1Q21 and 1Q22 onwards, respectively.

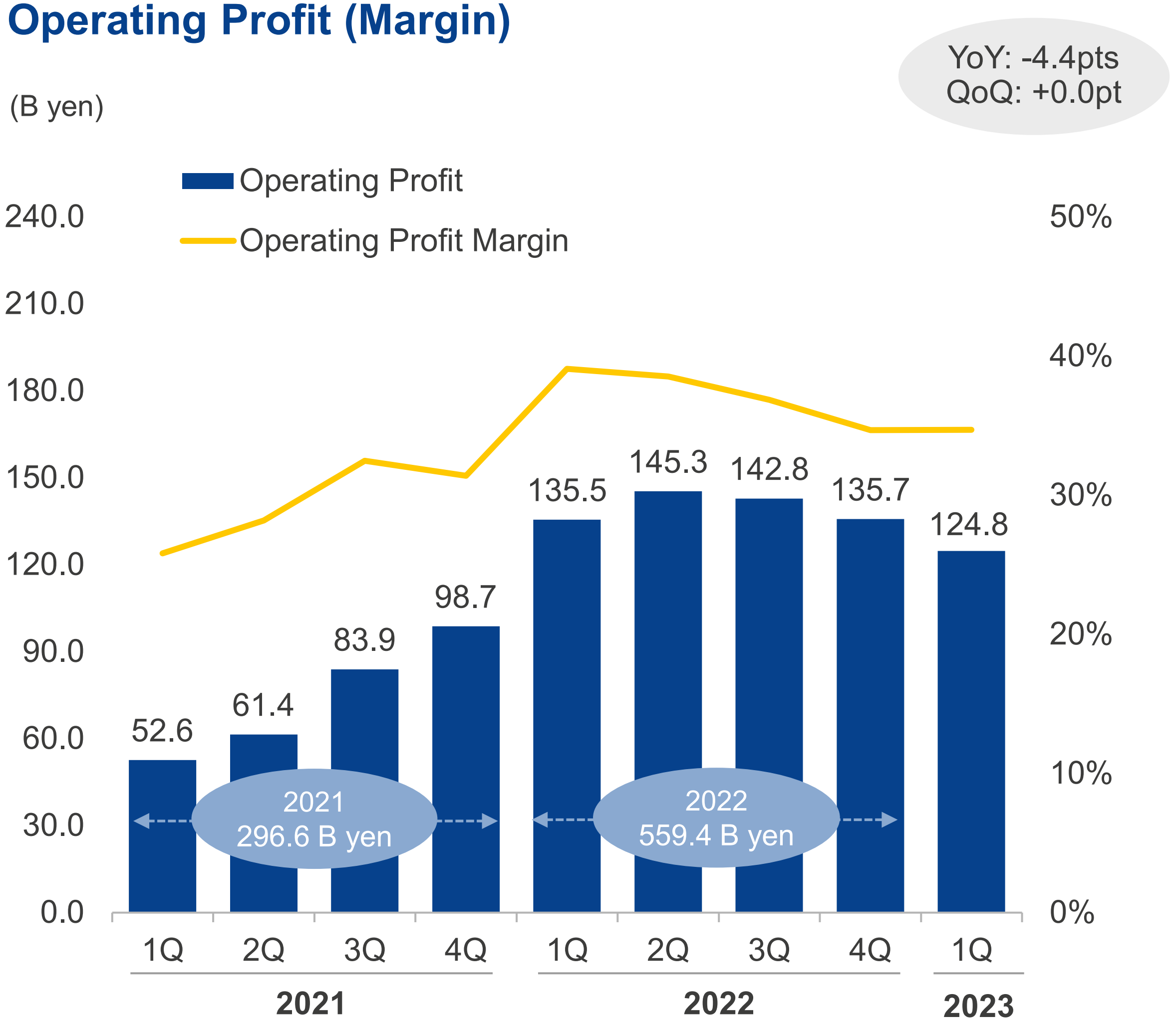
GROSS PROFIT AND OPERATING PROFIT QUARTERLY TRENDS

NON-GAAP

Gross Profit (Margin)

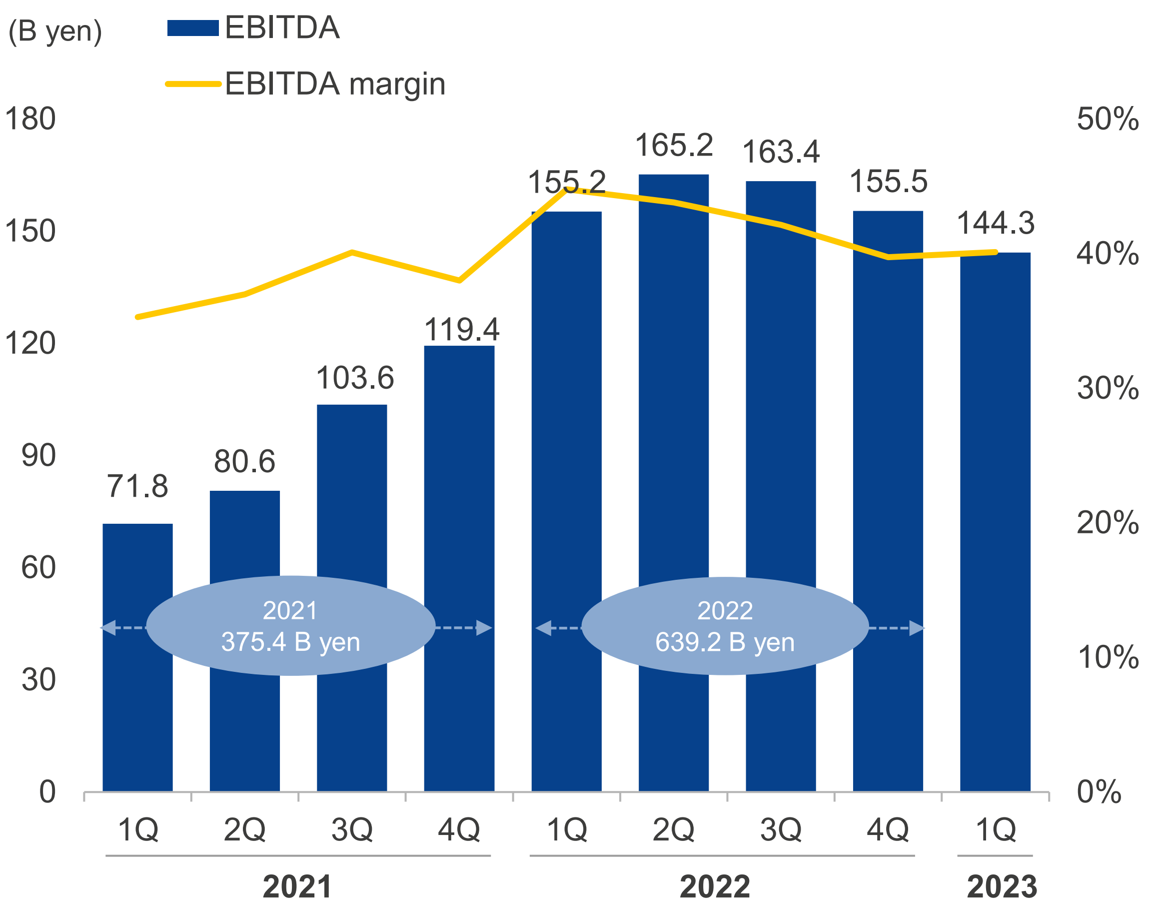


Operating Profit (Margin)

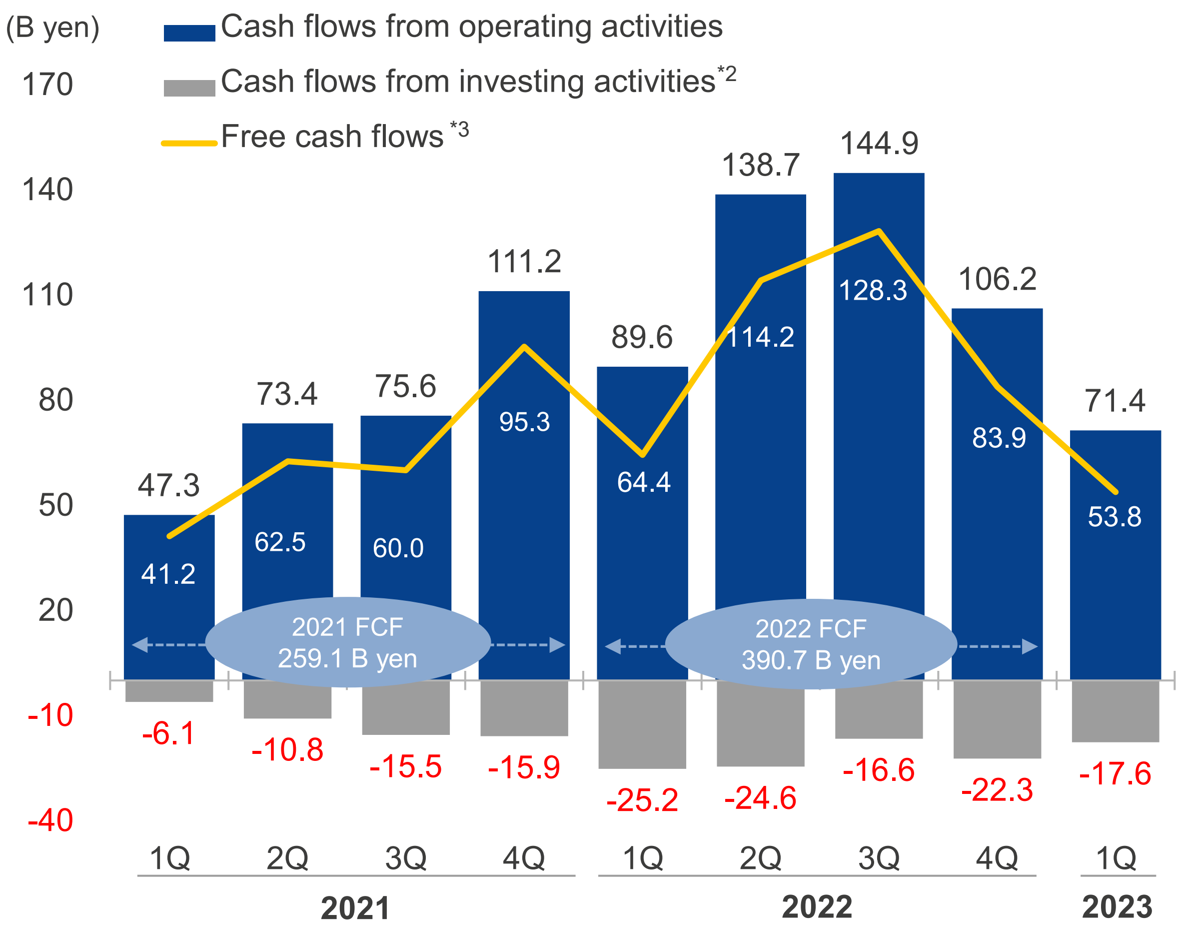


NON-GAAP EBITDA*1 AND GAAP CASH FLOWS

Non-GAAP EBITDA



GAAP Cash Flows



*1: Operating profit + Depreciation and amortization *2: The figures exclude acquisition-related payments and payments for acquisitions of subsidiaries for the contingent consideration
*3: Cash flows from operating activities + Cash flows from investing activities

2Q 2023 FORECAST
NON-GAAP

(B yen)	2022		2023					
	2Q (Apr-Jun)	1H (Jan-Jun)	1Q (Jan-Mar)	2Q (Apr-Jun) Midpoint Forecast (Range)*1	YoY	QoQ	1H (Jan-Jun) Forecast	YoY
Revenue	377.1	723.8	359.7	**360.0 (±7.5)**	**-4.5% (±2.0pts)**	**+0.1% (±2.1pts)**	**719.7 (±7.5)**	**-0.6% (±1.0pt)**
(Excluding Foreign Exchange Impact)	-	-	-	**-**	**-8.7%**	**+0.1%**	**-**	**-**
Gross Margin	58.6%	58.5%	56.2%	**55.5%**	**-3.1pts**	**-0.7pt**	**+55.8%**	**-2.6pts**
Operating Margin	38.5%	38.8%	34.7%	**32.0%**	**-6.5pts**	**-2.7pts**	**33.3%**	**-5.5pts**
1 US$ =	124 yen	120yen	133 yen	**132 yen**	**8 yen depreciation**	**1 yen appreciation**	**132 yen**	**13 yen depreciation**
1 Euro=	134 yen	132yen	142 yen	**143 yen**	**9 yen depreciation**	**1 yen depreciation**	**142 yen**	**10 yen depreciation**

*1: Each figure represents comparisons with the midpoint in the sales revenue forecast range

APPENDIX

The figures in this section are mainly based on segment disclosure and GAAP (IFRS) stated on a financial reporting basis and are provided as additional information.

REVENUE AND GROSS PROFIT BY SEGMENT

NON-GAAP

(B yen)		2022					2023		
		1Q (Jan-Mar)	2Q (Apr-Jun)	3Q (Jul-Sep)	4Q (Oct-Dec)	Full-Year (Jan-Dec)	1Q (Jan-Mar)	YoY	QoQ
Revenue		346.7	377.1	387.6	391.3	1,502.7	**359.7**	**+3.7%**	**-8.1%**
	Automotive	153.9	163.8	157.8	169.6	645.0	**168.3**	**+9.3%**	**-0.8%**
	Industrial, Infrastructure, IoT	189.8	210.4	226.8	218.9	845.9	**188.8**	**-0.6%**	**-13.8%**
	Others	3.0	2.9	3.0	2.9	11.8	**2.6**	**-11.9%**	**-8.1%**
Gross Profit (Margin)		202.3 (58.4%)	220.9 (58.6%)	220.9 (57.0%)	219.1 (56.0%)	863.2 (57.4%)	**202.0 (56.2%)**	**-0.3 (-2.2pts)**	**-17.1 (+0.2pt)**
	Automotive	79.7 (51.8%)	85.2 (52.0%)	77.7 (49.3%)	81.8 (48.2%)	324.4 (50.3%)	**88.9 (52.8%)**	**+9.2 (+1.0pt)**	**+7.1 (+4.6pts)**
	Industrial, Infrastructure, IoT	121.6 (64.1%)	134.7 (64.0%)	142.1 (62.7%)	136.8 (62.5%)	535.3 (63.3%)	**112.1 (59.4%)**	**-9.5 (-4.7pts)**	**-24.7 (-3.1pts)**
	Others	0.8 (27.2%)	0.8 (28.3%)	0.8 (27.8%)	0.9 (32.1%)	3.4 (28.8%)	**1.0 (39.5%)**	**+0.2 (+12.3pts)**	**+0.1 (+7.4pts)**
	Adjustments*1	0.2	0.1	0.2	-0.5	0.0	**-0.0**	**-0.2**	**+0.5**

*1: Adjustments include deductions or adjustments of non-recurring items or other specified adjustments, allocated in the reportable segments

OPERATING PROFIT AND EBITDA*1 BY SEGMENT

NON-GAAP

(B yen)	2022					2023		
	1Q (Jan-Mar)	2Q (Apr-Jun)	3Q (Jul-Sep)	4Q (Oct-Dec)	Full Year (Jan-Dec)	1Q (Jan-Mar)	YoY	QoQ
Operating Profit (Margin)	135.5 (39.1%)	145.3 (38.5%)	142.8 (36.8%)	135.7 (34.7%)	559.4 (37.2%)	**124.8 (34.7%)**	**-10.8 (-4.4pts)**	**-10.9 (+0.0pt)**
Automotive	57.5 (37.4%)	59.4 (36.3%)	49.7 (31.5%)	52.6 (31.0%)	219.2 (34.0%)	**60.7 (36.1%)**	**+3.2 (-1.3pts)**	**+8.0 (+5.0pts)**
Industrial, Infrastructure, IoT	75.7 (39.9%)	84.3 (40.1%)	91.4 (40.3%)	80.3 (36.7%)	331.8 (39.2%)	**63.2 (33.5%)**	**-12.5 (-6.4pts)**	**-17.0 (-3.2pts)**
Others	0.8 (27.2%)	0.8 (28.3%)	0.8 (27.9%)	0.9 (32.1%)	3.4 (28.8%)	**1.0 (39.5%)**	**+0.2 (+12.3pts)**	**+0.1 (+7.4pts)**
Adjustments*2	1.5	0.8	0.9	1.9	5.0	**-0.2**	**-1.7**	**-2.1**
EBITDA	155.2	165.2	163.4	155.5	639.2	**144.3**	**-10.9**	**-11.2**
Automotive	68.3	70.0	60.2	62.7	261.3	**70.4**	**+2.1**	**+7.7**
Industrial, Infrastructure, IoT	84.7	93.5	101.4	90.0	369.6	**73.1**	**-11.6**	**-16.9**
Others	0.8	0.8	0.8	0.9	3.4	**1.0**	**+0.2**	**+0.1**
Adjustments*2	1.5	0.8	0.9	1.9	5.0	**-0.2**	**-1.7**	**-2.1**

*1: Operating profit + Depreciation and amortization
*2: Adjustments include deductions or adjustments of non-recurring items or other specified adjustments, allocated in the reportable segments

STATEMENT OF FINANCIAL POSITION

GAAP

(B yen)	22/3	22/6	22/9	22/12	23/3
Total Assets	2,598.7	2,840.3	3,013.3	2,812.5	**2,840.8**
Cash and Cash Equivalents*1	267.2	247.9	310.1	336.1	**361.4**
Inventories	155.5	173.3	190.7	188.0	**188.2**
Goodwill	1,159.3	1,294.6	1,373.6	1,264.3	**1,272.3**
Intangible Assets	532.0	559.7	557.4	488.8	**466.9**
Total Liabilities	1,252.6	1,391.1	1,359.1	1,275.0	**1,179.7**
Interest-Bearing Liabilities*2	810.5	886.0	820.4	770.0	**741.4**
Total Equity	1,346.1	1,449.2	1,654.2	1,537.5	**1,661.1**
D/E Ratio (Gross)*3	0.60	0.61	0.50	0.50	**0.45**
D/E Ratio (Net)*4	0.40	0.44	0.31	0.28	**0.23**
Equity Ratio Attributable to Owners of Parent*5	51.7%	50.9%	54.8%	54.5%	**58.3%**
Leverage Ratio (Gross)*6	1.8	1.6	1.4	1.2	**1.2**
Leverage Ratio (Net)*7	1.2	1.2	0.8	0.7	**0.6**
Average number of shares during the period (excluding treasury stock) (in million shares)	1,945	1,933	1,788	1,793	**1,799**

*1: This is comprised of cash on hand, demand deposit, and short-term investments that are readily convertible into cash, bearing low risk of changes in value and are redeemable in three months or less from each acquisition date
*2: Borrowings (current and non-current liabilities) + Lease Liabilities (current liabilities) + Lease Liabilities (non-current liabilities) + Bonds
*3: Interest-Bearing Liabilities / Equity attributable to owners of parent *4: (Interest-Bearing Liabilities - Cash and Cash Equivalents) / Equity attributable to owners of parent
*5: Equity attributable to owners of parent / Total liabilities and equity *6: Interest-Bearing Liabilities / EBITDA (Non-GAAP) *7: (Interest-Bearing Liabilities-Cash and Cash Equivalents) / EBIDTA (Non-GAAP)

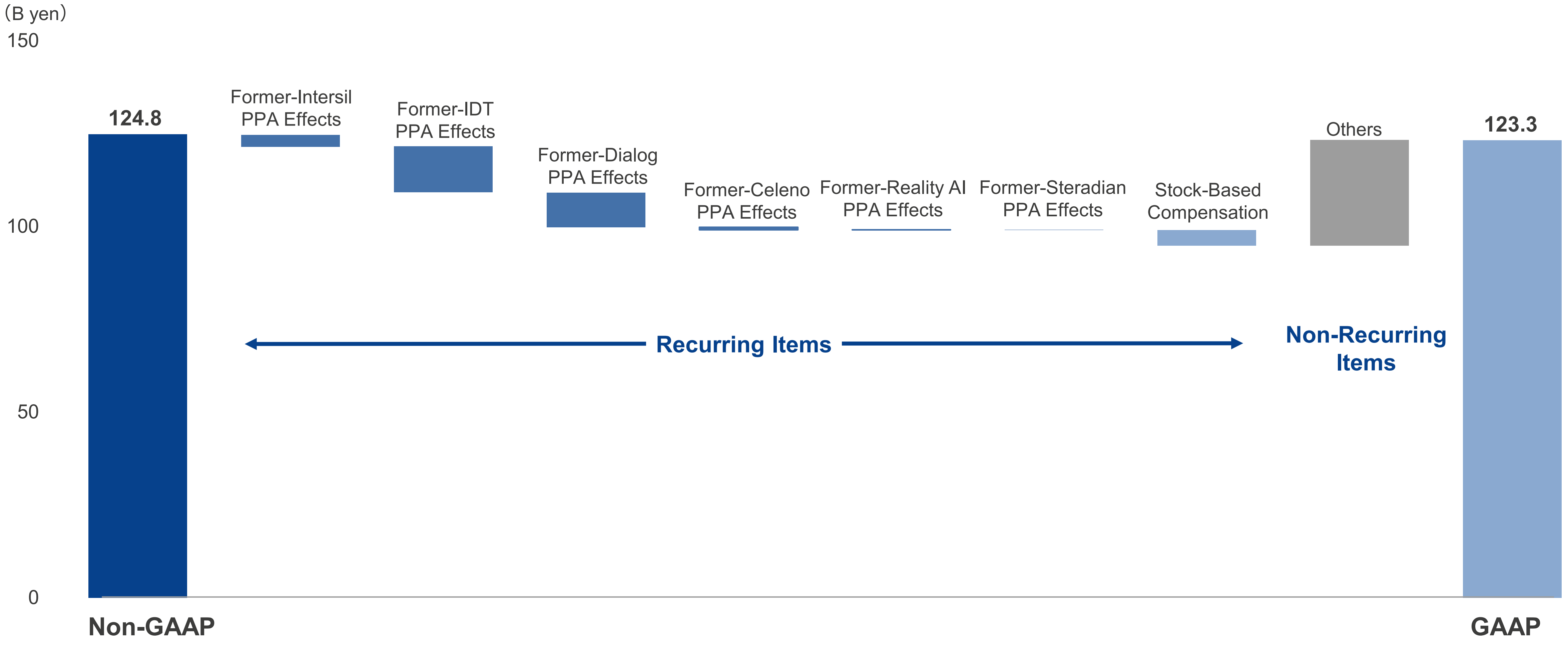
GAAP / NON-GAAP RECONCILIATION*1

(B yen)	1Q (Jan-Mar)				Full-Year 2022 (Jan-Dec)				2023 1Q (Jan-Mar)			
	Gross Profit	Operating Profit	Net Profit	EBITDA	Gross Profit	Operating Profit	Net Profit	EBITDA	Gross Profit	Operating Profit	Net Profit	EBITDA
Non-GAAP (vs Revenue)	202.3 (58.4%)	135.5 (39.1%)	90.2 (26.0%)	155.2 (44.8%)	863.2 (57.4%)	559.4 (37.2%)	377.3 (25.1%)	639.2 (42.5%)	202.0 (56.2%)	124.8 (34.7%)	107.5 (29.9%)	144.3 (40.1%)
Recurring Items	-1.7	-29.4	-25.2	-5.1	-6.0	-127.2	-107.5	-21.5	-0.8	-29.9	-25.8	-4.5
Former-Intersil PPA Effects	-0.1	-3.7	-2.8	-	-0.3	-14.6	-8.7	-	-0.1	-3.2	-2.4	-
Former-IDT PPA Effects	-0.1	-10.7	-9.4	-	-0.5	-48.4	-42.7	-	-0.1	-12.4	-10.9	-
Former-Dialog PPA Effects	-0.5	-9.5	-7.5	-0.4	-2.2	-41.0	-33.0	-1.8	-0.4	-9.3	-7.6	-0.3
Former-Celeno PPA Effects	-0.7	-1.5	-1.5	-0.7	-1.5	-5.0	-5.0	-1.5	-	-0.7	-0.7	-
Former-Reality AI PPA Effects	-	-	-	-	-	-0.0	-0.0	-	-	-0.0	-0.0	-
Former-Steradian PPA Effects	-	-	-	-	-	-0.0	-0.0	-	-	-0.0	-0.0	-
Stock-Based Compensation	-0.3	-4.0	-4.0	-4.0	-1.5	-18.1	-18.1	-18.1	-0.3	-4.2	-4.2	-4.2
Non-Recurring Items	-2.7	-6.3	-5.1	-6.3	-3.2	-8.0	-13.2	-7.5	-1.1	28.4	23.5	28.4
Naka Factory Fire Impact	-0.7	0.2	0.2	0.2	-0.9	-0.0	-0.0	-0.0	-	29.6	29.6	29.6
Others	-2.0	-6.6	-5.3	-6.5	-2.3	-8.0	-13.2	-7.5	-1.1	-1.3	-6.1	-1.2
Non-GAAP Adjustments Total	-4.4	-35.7	-30.3	-11.4	-9.2	-135.2	-120.7	-29.0	-1.9	-1.5	-2.3	24.0
GAAP (vs Revenue)	197.9 (57.1%)	99.8 (28.8%)	59.9 (17.3%)	143.8 (41.5%)	854.0 (56.9%)	424.2 (28.3%)	256.6 (17.1%)	610.2 (40.7%)	200.1 (55.7%)	123.3 (34.3%)	105.2 (29.3%)	168.3 (46.8%)

*1: From 3Q 2021 onwards, Non-GAAP adjustments have been also applied to the revenue following the implementation of PPA

1Q 2023 CONSOLIDATED OPERATING PROFIT

BRIDGE FROM NON-GAAP TO GAAP

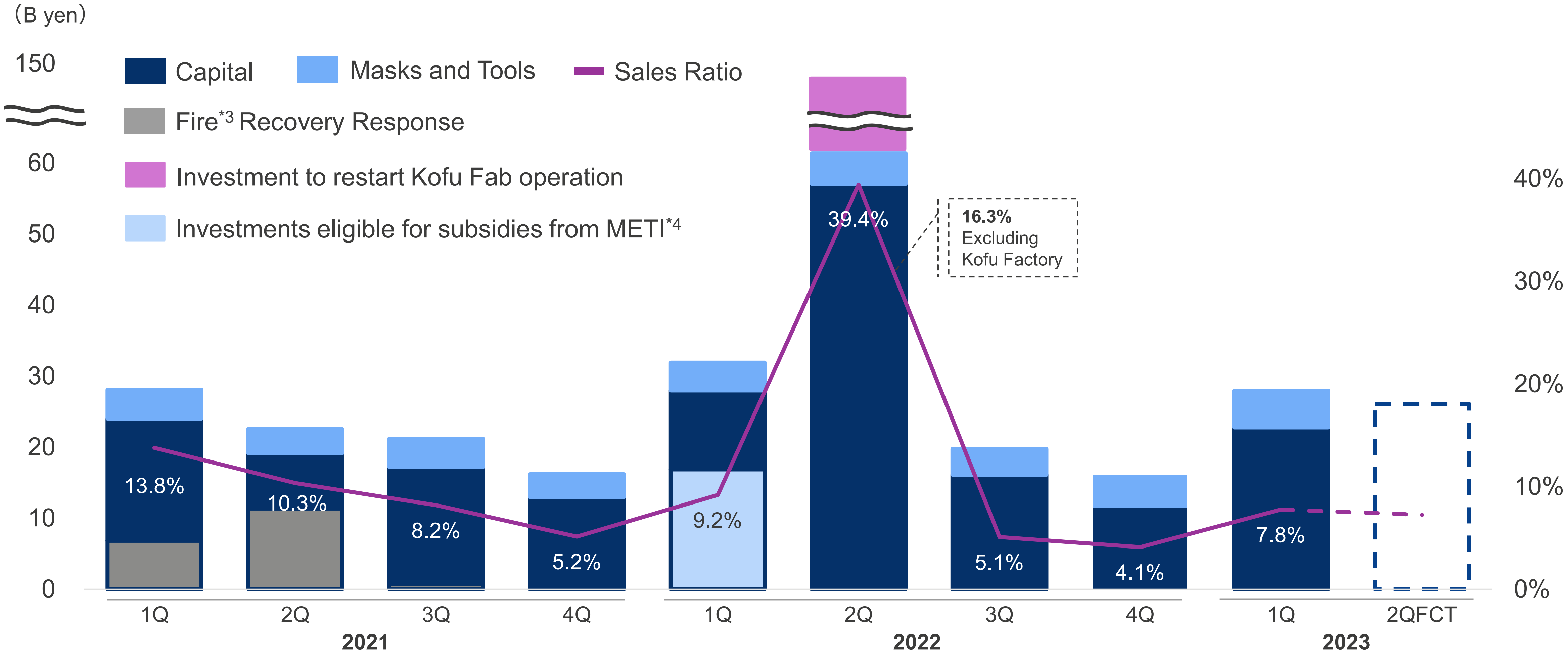


1Q 2023 FINANCIAL SNAPSHOT
GAAP

(B yen)	2022		2023		
	1Q (Jan-Mar)	4Q (Oct-Dec)	1Q (Jan-Mar)	YoY	QoQ
Revenue	346.3	390.8	**359.4**	**+3.8%**	**-8.0%**
Gross Margin	57.1%	55.8%	**55.7%**	**-1.5pts**	**-0.2pt**
Operating Profit (Margin)	99.8 (28.8%)	96.2 (24.6%)	**123.3 (34.3%)**	**+23.4 (+5.5pts)**	**+27.1 (+9.7pts)**
Profit Attributable to Owners of Parent	59.9	71.5	**105.2**	**+45.3**	**+33.7**
EBITDA[*1]	143.8	144.4	**168.3**	**+24.4**	**+23.9**
1 US$=	115 yen	144 yen	**133 yen**	**18 yen depreciation**	**12 yen appreciation**
1 Euro=	130 yen	144 yen	**142 yen**	**12 yen depreciation**	**2 yen appreciation**

*1: Non-GAAP adjustments have been also applied to the revenue following the implementation of PPA. The revenue figures in this page are based on IFRS.
*2: Operating profit + Depreciation and amortization

CAPITAL EXPENDITURES*1*2



*1: The figures represent the investment decision basis tangible and intangible assets and do not match the sum listed in the cash flow statement. However, the investment amount for former Dialog and Celeno is based on equipment delivery
*2: Total amount of the Group's capital investment, including investments made by former IDT from 2Q 2019, by former Dialog from 3Q 2021 and by former Celeno from 1Q 2022
*3: The fire which occurred at a Renesas consolidated subsidiary on March 19, 2021 *4: METI: Ministry of Economy, Trade and Industry

ACQUISITION OF PANTHRONICS Panthronics

Overview of Panthronics

Company Name	Panthronics AG
Headquarters	Graz, Austria
Business	Development and sale of semiconductor for Near-Field Communication (NFC)

Acquisition Summary

Source of Financing	Cash-on-hand
Closing	By the end of calendar year 2023

Rationale

Expand Connectivity Portfolio

- Continue strengthening connectivity portfolio, following Dialog & Celeno acquisitions, to further meet customer needs

Provide NFC Solutions for the Growing Markets

- Extend reach into growing and emerging NFC applications in Fintech, IoT, asset tracking, wireless charging and automotive

Strengthen Global Engineering Talent

- Expand R&D capabilities in Austria

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(FORWARD-LOOKING STATEMENTS)

The statements in this presentation with respect to the plans, strategies and forecasts of Renesas Electronics and its consolidated subsidiaries (collectively “we”) are forward-looking statements involving risks and uncertainties. Such forward looking statements do not represent any guarantee by management of future performance. In many cases, but not all, we use such words as “aim,” “anticipate,” “believe,” “continue,” “endeavor,” “estimate,” “expect,” “initiative,” “intend,” “may,” “plan,” “potential,” “probability,” “project,” “risk,” “seek,” “should,” “strive,” “target,” “will” and similar expressions to identify forward looking statements. You can also identify forward-looking statements by discussions of strategy, plans or intentions. These statements discuss future expectations, identify strategies, contain projections of our results of operations or financial condition, or state other forward-looking information based on our current expectations, assumptions, estimates and projections about our business and industry, our future business strategies and the environment in which we will operate in the future. Known and unknown risks, uncertainties and other factors could cause our actual results, performance or achievements to differ materially from those contained or implied in any forward-looking statement, including, but not limited to: general economic conditions in our markets, which are primarily Japan, North America, Asia and Europe; demand for, and competitive pricing pressure on, our products and services in the marketplace; our ability to continue to win acceptance of its products and services in these highly competitive markets; and movements in currency exchange rates, particularly the rate between the yen and the U.S. dollar. Among other factors, a worsening of the world economy, a worsening of financial conditions in the world markets, and a deterioration in the domestic and overseas stock markets, would cause actual results to differ from the projected results forecast.

This presentation is based on the economic, regulatory, market and other conditions as in effect on the date hereof. It should be understood that subsequent developments may affect the information contained in this presentation, which neither we nor our advisors or representatives are under an obligation to update, revise or affirm.