



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 for the next quarter as a range. The forecast for the full year is calculated by adding the forecast as a range of the three months ending December 31, 2023 to the results of the nine months ended September 30, 2023.



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, which was completed on October 17, 2022, has been revised at the end of three months ended March 31. This revision to the allocation of the acquisition costs has been reflected in the consolidated financial results for the year ended December 31, 2022.

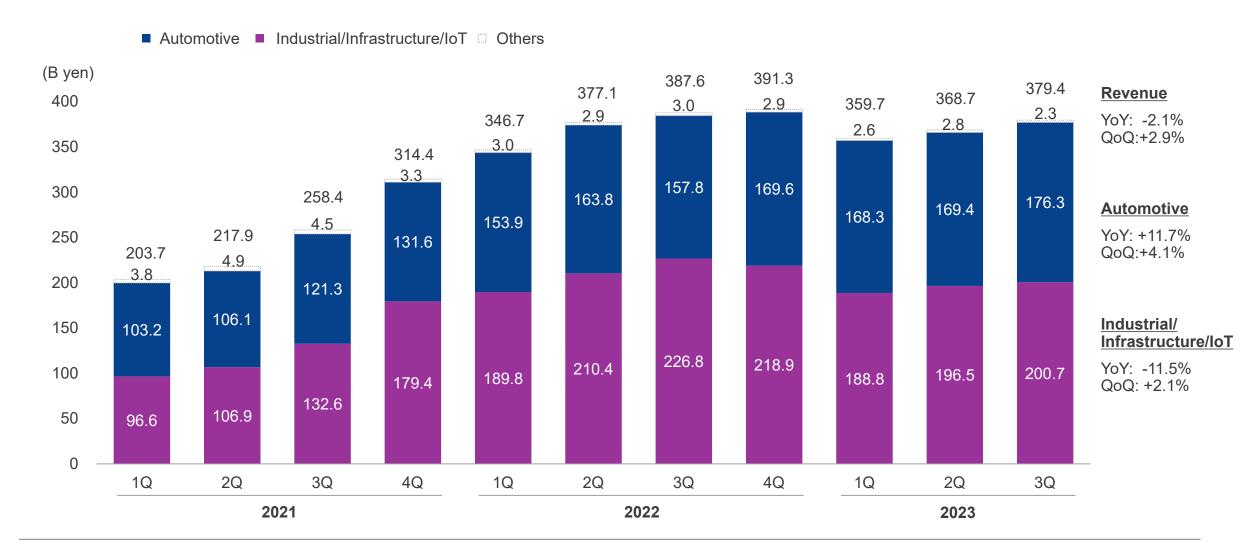
3Q 2023 FINANCIAL SNAPSHOT

	20	22	2023										
(B yen)	3Q (Jul-Sep)	9 months (Jan-Sep)	2Q (Apr-Jun)	3Q (Jul-Sep) Forecast	3Q (Jul-Sep) Actual	YoY	QoQ	Change from Jul 27 FCT*1	9 months (Jan-Sep) Actual	YoY	Change from Jul 27 FCT*1		
Revenue	387.6	1,111.4	368.7	370.0 (±7.5)	379.4	-2.1%	+2.9%	+2.5%	1,107.8	-0.3%	+0.9%		
Revenue (Excluding Foreign Exchange Impact)	-	-	-	-	-	-5.1%	+0.3%	+0.3%	-	-	-		
Gross Margin	57.0%	58.0%	57.4%	56.5%	57.9%	+0.9pt	+0.6pt	+1.4pts	57.2%	-0.8pt	+0.5pt		
Operating Profit (Margin)	142.8 (36.8%)	423.7 (38.1%)	129.1 (35.0%)	32.5%	132.3 (34.9%)	-10.5 (-2.0pts)		+12.0 (+2.4pts)	386.1 (34.9%)	-37.6 (-3.3pts)	+12.0 (+0.8pt)		
Profit Attributable to Owners of Parent	96.4	268.0	119.0	-	108.3	+11.9	-10.7	-	334.8	+66.8	-		
Profit Attributable to Owners of Parent (Excluding Foreign Exchange Impact)*2	115.4	343.6	108.2	-	104.6	-10.8	-3.6	-	319.5	-24.0	-		
EBITDA*3	163.4	483.8	149.0	-	152.6	-10.8	+3.6	-	445.8	-37.9	-		
1 US\$=	135 yen	125 yen	135 yen	138 yen	142 yen	7 yen depreciation		4 yen depreciation	137 yen	12 yen depreciation			
1 Euro=	139 yen	135 yen	146 yen	153 yen	156 yen	16 yen depreciation	9 yen depreciation	3 yen depreciation		13 yen depreciation	1 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



3Q 2023 REVENUE AND GROSS / OPERATING MARGIN

NON-GAAP

	Automotive	Industrial / Infrastructure / IoT	Company Total
Revenue	176.3 B yen vs FCT: + QoQ: +4.1%	200.7 B yen vs FCT: + QoQ: +2.1%	379.4 B yen vs FCT: +2.5% QoQ: +2.9%
Gross Margin	52.8% QoQ: +1.3pts	62.9% QoQ: +0.3pt	57.9% vs FCT: +1.4pts QoQ: +0.6pt
Operating Margin	34.0% QoQ: -0.9pt	35.8% QoQ: +0.4pt	34.9% vs FCT: +2.4pts QoQ: -0.1pt

Operating Margin vs FCT +2.4pts								
Revenue								
Gross Margin vs FCT: +1.4pts								
Currency Impact								
Product Mix								
Production Recovery								
Production Costs, etc.								
Operating Expenses								
Operating Margin QoQ -0.1pt								
Revenue								
Gross Margin QoQ: +0.6pt								

Currency Impact

Production Recovery

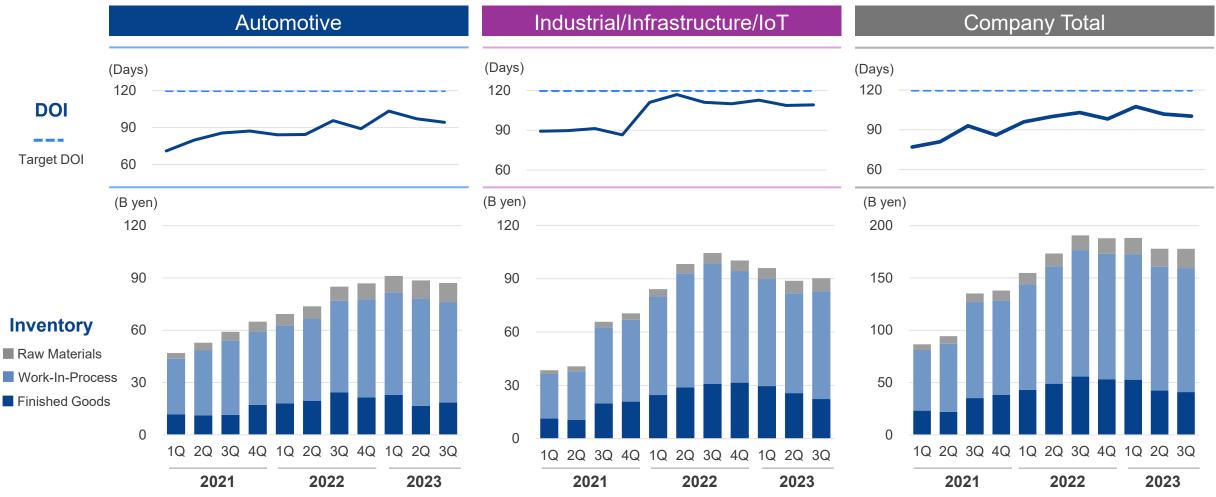
Production Costs, etc.

Product Mix

Operating Expenses



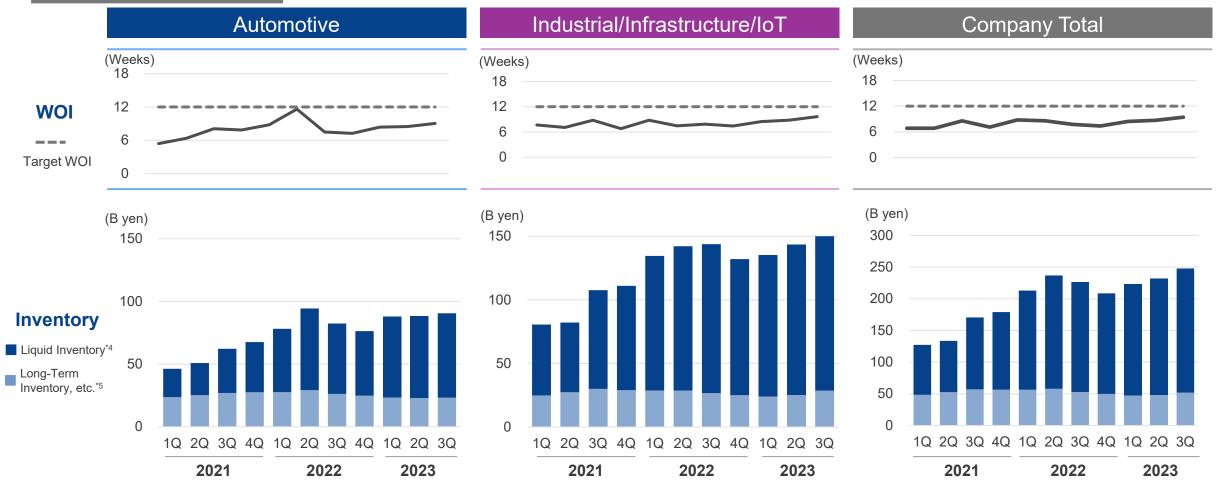
IN-HOUSE INVENTORY (FINANCIAL ACCOUNTING BASIS) AND DOI*1*2



^{*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*2) AND WOI*3



^{*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)

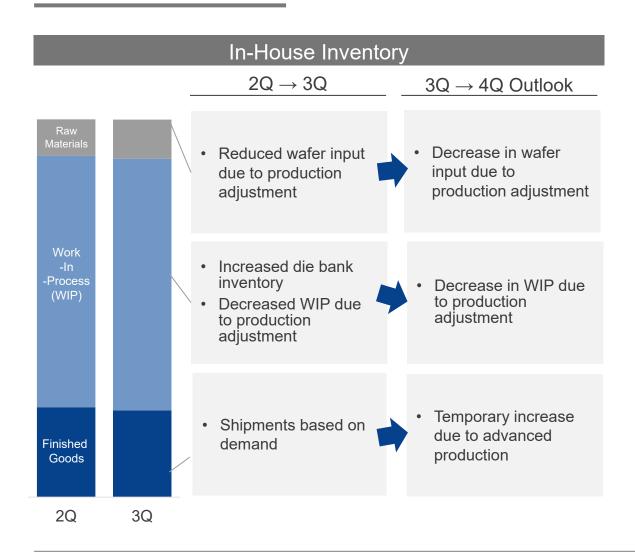


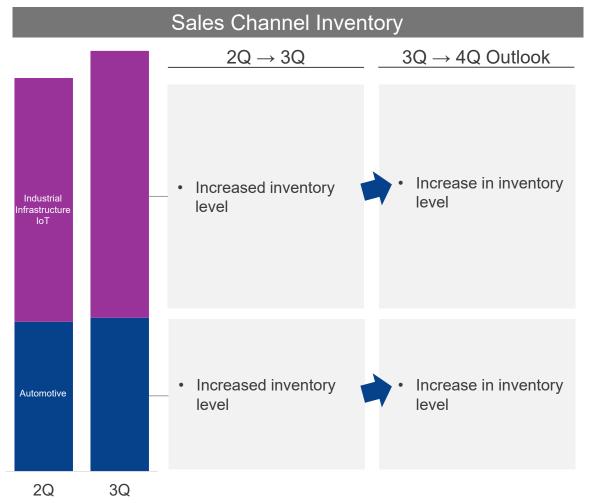
^{*2:} Management accounting Basis: Exchange rates for the FY2021 and FY2022 have been adjusted (and are calculated based on the FY2023 exchange rate) in accordance with the change in exchange rate for the FY2023 budget.

^{*3:} 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

^{*4:} Liquid Inventory: Channel Inventory - Long-Term Inventory, etc. *5: Long-Term Inventory: Inventory with unique holding periods (End of Life or "EOL" products, e-commerce inventory etc.)

INVENTORY ANALYSIS

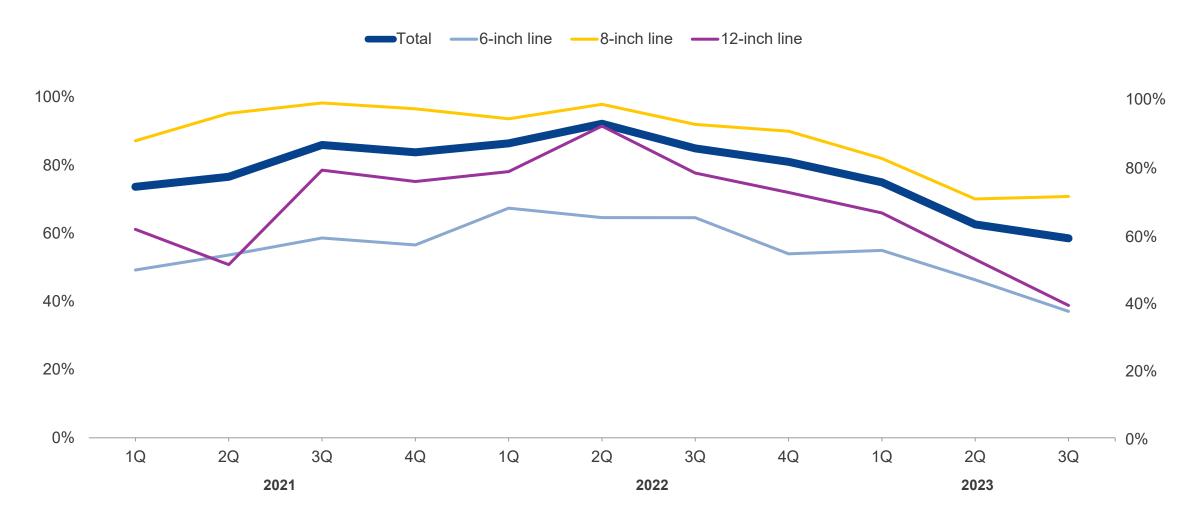






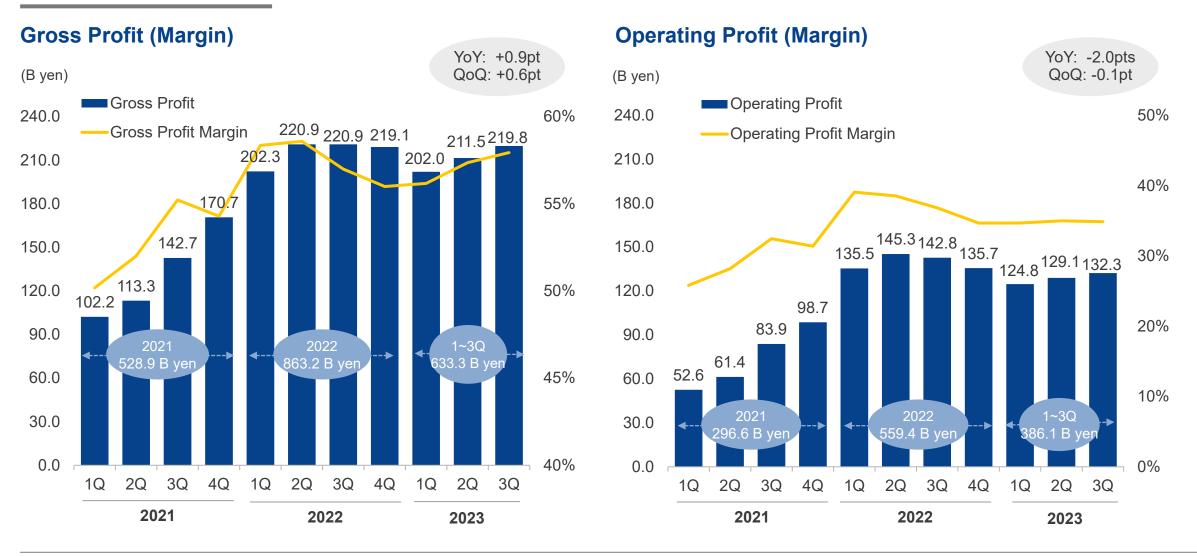
QUARTERLY TRENDS IN FRONT-END UTILIZATION RATE*1

WAFER INPUT BASIS

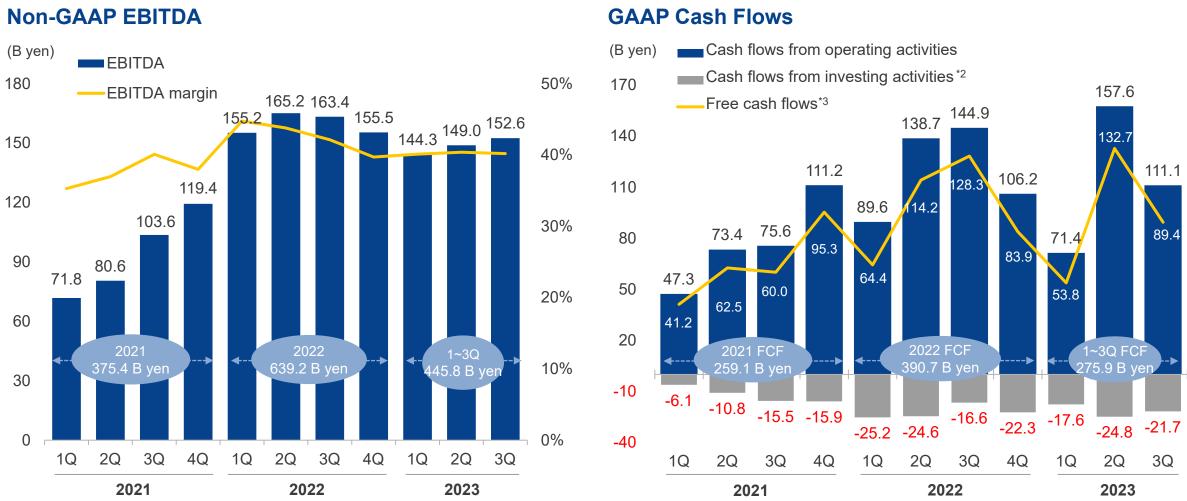


^{*1:} Utilization rates are calculated by excluding the 6-inch line capacity of the Shiga Factory (closed in August 2021) and the Yamaguchi Factory (closed in June 2022) from 1Q21 and 1Q22 onwards, respectively.

GROSS PROFIT AND OPERATING PROFIT QUARTERLY TRENDS



NON-GAAP EBITDA*1 AND GAAP CASH FLOWS



^{*1:} Operating profit + Depreciation and amortization *2:The GAAP cash flows from investing activities do not include: (1) acquisition-related payments; (2) payment of contingent consideration for acquisition of subsidiaries; and (3) deposits provided to Wolfspeed. *3: Cash flows from operating activities + Cash flows from investing activities



4Q AND FULL YEAR 2023 FORECAST

(B yen)	20	22	2023								
	4Q (Oct-Dec)	Full year (Jan-Dec)	3Q (Jul-Sep)	4Q (Oct-Dec) Midpoint Forecast (Range)*1	YoY	QoQ	Full year (Jan-Dec) Forecast	YoY			
Revenue	391.3	1,502.7	379.4	358.0 (±7.5)	-8.5% (±1.9pts)	-5.6% (±2.0pts)	1,465.8 (±7.5)	-2.5% (±0.5pt)			
(Excluding Foreign Exchange Impact)	-	-	-	-	-8.2%	-6.8%	-	-6.9%			
Gross Margin	56.0%	57.4%	57.9%	56.0%	+0.0pt	-1.9pts	56.9%	-0.6pt			
Operating Margin	34.7%	37.2%	34.9%	30.5%	-4.2pts	-4.4pts	33.8%	-3.4pts			
1 US\$ =	144 yen	130 yen	142 yen	147 yen	3 yen depreciation	5 yen depreciation	139 yen	10 yen depreciation			
1 Euro=	144 yen	137 yen	156 yen	156 yen	12 yen depreciation	0 yen depreciation	150 yen	13 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

				2022			2023							
(B)	yen)	1Q (Jan-Mar)	2Q (Apr-Jun)	3Q (Jul-Sep)	4Q (Oct-Dec)	Full Year (Jan-Dec)	1Q (Jan-Mar)	2Q (Apr-Jun)	3Q (Jul-Sep)	YoY	QoQ	9 months (Jan-Sep)	YoY	
Revenue		346.7	377.1	387.6	391.3	1,502.7	359.7	368.7	379.4	-2.1%	+2.9%	1,107.8	-0.3%	
	Automotive	153.9	163.8	157.8	169.6	645.0	168.3	169.4	176.3	+11.7%	+4.1%	514.0	+8.1%	
	Industrial, Infrastructure, IoT	189.8	210.4	226.8	218.9	845.9	188.8	196.5	200.7	-11.5%	+2.1%	586.0	-6.5%	
	Others	3.0	2.9	3.0	2.9	11.8	2.6	2.8	2.3	-22.5%	-16.9%	7.8	-12.7%	
	ss Profit rgin)	202.3 (58.4%)	220.9 (58.6%)	220.9 (57.0%)	219.1 (56.0%)	863.2 (57.4%)	202.0 (56.2%)	211.5 (57.4%)	219.8 (57.9%)	-1.1 (+0.9pt)	+8.3 (+0.6pt)	633.3 (57.2%)	-10.8 (-0.8pt)	
	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%)	87.2 (51.5%)	93.1 (52.8%)	+15.4 (+3.5pts)	+5.9 (+1.3pts)	269.2 (52.4%)	+26.6 (+1.4pts)	
	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%)	123.0 (62.6%)	126.3 (62.9%)	-15.8 (+0.3pt)	+3.3 (+0.3pt)		-37.1 (-1.9pts)	
	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%)	1.3 (44.6%)	0.5 (23.4%)	-0.3 (-4.4pts)	-0.7 (-21.2pts)	2.8 (36.5%)	+0.4 (+8.7pts)	
	Adjustments*1	0.2	0.1	0.2	-0.5	0.0	-0.0	-0.0	-0.2	-0.4	-0.2	-0.2	-0.7	

^{*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

			2023										
(B <u>)</u>	/en)	1Q (Jan-Mar)	2Q (Apr-Jun)	3Q (Jul-Sep)	4Q (Oct-Dec)	Full Year (Jan-Dec)	1Q (Jan-Mar)	2Q (Apr-Jun)	3Q (Jul-Sep)	YoY	QoQ	9 months (Jan-Sep)	YoY
	erating Profit argin)	135.5 (39.1%)	145.3 (38.5%)	142.8 (36.8%)	135.7 (34.7%)	559.4 (37.2%)	124.8 (34.7%)	129.1 (35.0%)	132.3 (34.9%)	-10.5 (-2.0pts)	+3.2 (-0.1pt)	386.1 (34.9%)	-37.6 (-3.3pts)
	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%)	59.1 (34.9%)	59.9 (34.0%)	+10.2 (+2.5pts)	+0.8 (-0.9pt)	179.6 (35.0%)	+13.1 (-0.1pt)
	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%)	69.5 (35.4%)	71.9 (35.8%)	-19.6 (-4.5pts)	+2.4 (+0.4pt)	204.7 (34.9%)	-46.9 (-5.2pts)
	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%)	1.3 (44.6%)	0.5 (23.4%)	-0.3 (-4.5pts)	-0.7 (-21.2pts)	2.8 (36.5%)	+0.4 (+8.7pts)
	Adjustments*2	1.5	0.8	0.9	1.9	5.0	-0.2	-0.8	-0.0	-0.9	+0.8	-1.0	-4.2
ЕВ	ITDA	155.2	165.2	163.4	155.5	639.2	144.3	149.0	152.6	-10.8	+3.6	445.8	-37.9
	Automotive	68.3	70.0	60.2	62.7	261.3	70.4	68.8	70.1	+9.9	+1.4	209.3	+10.7
	Industrial, Infrastructure, IoT	84.7	93.5	101.4	90.0	369.6	73.1	79.7	81.9	-19.5	+2.2	234.7	-44.8
	Others	0.8	0.8	0.8	0.9	3.4	1.0	1.3	0.5	-0.3	-0.7	2.8	+0.4
	Adjustments*2	1.5	0.8	0.9	1.9	5.0	-0.2	-0.8	-0.0	-0.9	+0.8	-1.0	-4.2

^{*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	23/6	23/9
Total Assets	2,598.7	2,840.3	3,013.3	2,812.5	2,840.8	3,122.4	3,291.2
Cash and Cash Equivalents*1	267.2	247.9	310.1	336.1	361.4	458.1	392.5
Inventories	155.5	173.3	190.7	188.0	188.2	177.9	177.8
Goodwill	1,159.3	1,294.6	1,373.6	1,264.3	1,272.3	1,397.4	1,441.1
Intangible Assets	532.0	559.7	557.4	488.8	466.9	477.9	462.6
Total Liabilities	1,252.6	1,391.1	1,359.1	1,275.0	1,179.7	1,226.8	1,234.7
Interest-Bearing Liabilities*2	810.5	886.0	820.4	770.0	741.4	733.7	710.3
Total Equity	1,346.1	1,449.2	1,654.2	1,537.5	1,661.1	1,895.6	2,056.4
D/E Ratio (Gross)*3	0.60	0.61	0.50	0.50	0.45	0.39	0.35
D/E Ratio (Net)*4	0.40	0.44	0.31	0.28	0.23	0.15	0.15
Equity Ratio Attributable to Owners of Parent*5	51.7%	50.9%	54.8%	54.5%	58.3%	60.6%	62.4%
Leverage Ratio (Gross)*6	1.8	1.6	1.4	1.2	1.2	1.2	1.2
Leverage Ratio (Net)*7	1.2	1.2	0.8	0.7	0.6	0.5	0.5
Average number of shares during the period (excluding treasury stock) (in million shares)	1,945	1,933	1,788	1,793	1,799	1,763	1,769

^{*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

^{*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)



^{*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

GAAP / NON-GAAP RECONCILIATION*1

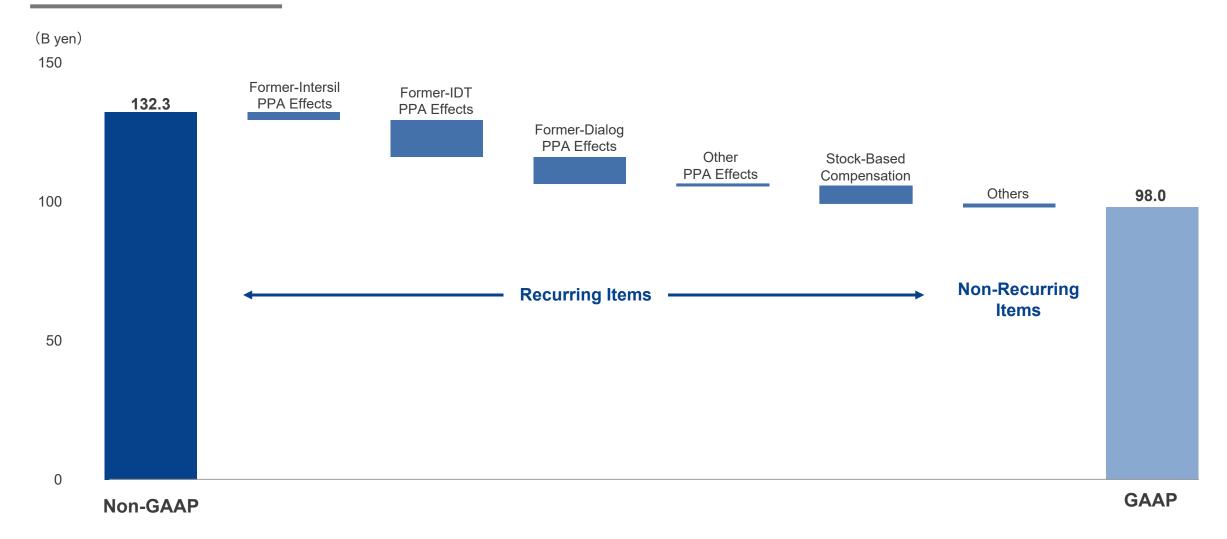
						W. V	00 (2023			
(B yen)	3Q (Jul-Sep)				ull-Year 20	22 (Jan-Ded	;)	3Q (Jul-Sep)				
	Gross Profit	Operating Profit	Net Profit	EBITDA	Gross Profit	Operating Profit	Net Profit	EBITDA	Gross Profit	Operating Profit	Net Profit	EBITDA
Non-GAAP (vs Revenue)	220.9 (57.0%)	142.8 (36.8%)	96.4 (24.9%)	163.4 (42.1%)	863.2 (57.4%)	559.4 (37.2%)	377.3 (25.1%)	639.2 (42.5%)	219.8 (57.9%)	132.3 (34.9%)	108.3 (28.5%)	152.6 (40.2%)
Recurring Items	-1.1	-32.1	-27.2	-4.7	-6.0	-127.2	-107.5	-21.5	-0.6	-32.9	-28.8	-6.3
Former-Intersil PPA Effects	-0.1	-3.6	-2.7	-	-0.3	-14.6	-8.7	-	-0.1	-2.8	-2.2	-
Former-IDT PPA Effects	-0.1	-12.7	-11.2	-	-0.5	-48.4	-42.7	-	-0.1	-13.3	-11.7	-
Former-Dialog PPA Effects	-0.6	-10.7	-8.3	-0.5	-2.2	-41.0	-33.0	-1.8	-0.1	-9.7	-7.9	-
Former-Celeno PPA Effects	-	-0.9	-0.9	-	-1.5	-5.0	-5.0	-1.5	-	-0.8	-0.8	-
Former-Reality AI PPA Effects	-	-0.0	-0.0	-	-	-0.0	-0.0	-	-	-0.0	-0.0	-
Former-Steradian PPA Effects	-	-	-	-	-	-0.0	-0.0	-	-	-0.0	-0.0	-
Stock-Based Compensation	-0.4	-4.2	-4.2	-4.2	-1.5	-18.1	-18.1	-18.1	-0.4	-6.3	-6.3	-6.3
Non-Recurring Items	0.2	7.2	5.5	7.2	-3.2	-8.0	-13.2	-7.5	0.3	-1.4	-4.2	-1.4
Naka Factory Fire Impact	-	-0.0	-0.0	-0.0	-0.9	-0.0	-0.0	-0.0	-	-	-	-
Others	0.2	7.2	5.5	7.2	-2.3	-8.0	-13.2	-7.5	0.3	-1.4	-4.2	-1.4
Non-GAAP Adjustments Total	-0.9	-24.9	-21.7	2.6	-9.2	-135.2	-120.7	-29.0	-0.3	-34.3	-33.0	-7.6
GAAP (vs Revenue)	220.0 (56.8%)	117.9 (30.5%)	74.7 (19.3%)	165.9 (42.9%)	854.0 (56.9%)	424.2 (28.3%)	256.6 (17.1%)	610.2 (40.7%)	219.6 (57.9%)	98.0 (25.8%)	75.3 (19.9%)	144.9 (38.2%)

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



3Q 2023 CONSOLIDATED OPERATING PROFIT

BRIDGE FROM NON-GAAP TO GAAP



3Q 2023 FINANCIAL SNAPSHOT

GAAP

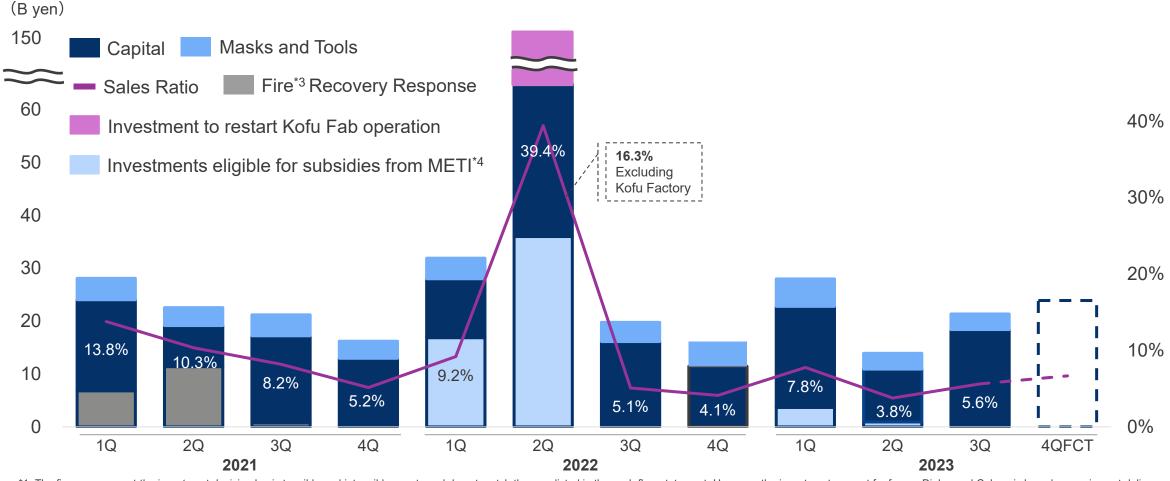
(P.von)	20	22	2023								
(B yen)	3Q (Jul-Sep)	9 months (Jan-Sep)	2Q (Apr-Jun)	3Q (Jul-Sep)	YoY	QoQ	9 months (Jan-Sep)	YoY			
Revenue*1	387.1	1,110.0	368.7	379.4	-2.0%	+2.9%	1,107.5	-0.2%			
Gross Margin	56.8%	57.3%	57.3%	57.9%	+1.1pts	+0.6pt	57.0%	-0.3pt			
Operating Profit (Margin)	117.9 (30.5%)	327.9 (29.5%)	97.3 (26.4%)	98.0 (25.8%)	-19.9 (-4.6pts)	+0.7 (-0.5pt)	318.5 (28.8%)	-9.4 (-0.8pt)			
Profit Attributable to Owners of Parent	74.7	185.1	90.6	75.3	+0.6	-15.3	271.1	+86.0			
EBITDA*2	165.9	465.8	142.7	144.9	-21.0	+2.3	455.9	-10.0			
1 US\$=	135 yen	125 yen	135 yen	142 yen	7 yen depreciation	8 yen depreciation	1 4 / VAN	12 yen depreciation			
1 Euro=	139 yen	135 yen	146 yen	156 yen	16 yen depreciation	9 yen depreciation	1 / X V/An	13 yen depreciation			



^{*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 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:} Up to one-third (partially three-quarter) of the investments that are eligible for subsidies from METI will be subsidized. METI: Ministry of Economy, Trade and Industry

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(FORWARD-LOOKING STATEMENTS)

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