1Q 2024 PRESENTATION

RENESAS ELECTRONICS CORPORATION APRIL 25, 2024



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 combinations with Steradian Semiconductors Private Limited ("Steradian"), and Panthronics AG ("Panthronics") has been revised: at the end of the three months ended March 31, 2023 and at the end of three months ended December 31, 2023, respectively. These revisions to the allocation of the acquisition costs have been reflected in the consolidated financial results for the year ended December 31, 2022, for the three months ended June 30, 2023 and for the three months ended September 30, 2023.
- Change of the method for aggregating Reportable Segment: Due to the Group's organizational changes in the three months ended March 31, 2024, the methodology for aggregating revenue for reportable segments changed from the use of product axis to the use of customer axis. Accordingly, previously reported segment information for the year ended December 31, 2023, has been revised using the new methodology in order to be comparable with the segment information for the year ending December 31, 2024.

1Q 2024 FINANCIAL SNAPSHOT NON-GAAP

	202	23	2024					
(B yen)	1Q (Jan-Mar)	4Q (Oct-Dec)	1Q (Jan-Mar) Forecast	1Q (Jan-Mar) Actual	ΥοΥ	QoQ	Change from Feb 8 FCT ^{∗1}	
Revenue	359.7	361.9	345.0 (±7.5)	351.8	-2.2%	-2.8%	+2.0%	
Revenue (Excluding Foreign Exchange Impact)	-	-	-	-	-8.2%	-2.7%	+0.2%	
Gross Margin	56.2%	56.4%	55.0%	56.7%	+0.5pt	+0.3pt	+1.7pts	
Operating Profit (Margin)	124.8 (34.7%)	115.5 (31.9%)	30.0%	113.5 (32.3%)	-11.3 (-2.4pts)	-2.0 (+0.4pt)	(+2.3pts)	
Profit Attributable to Owners of Parent	107.5	98.2	-	105.9	-1.6	+7.7	-	
EBITDA ^{*2}	144.3	136.0	-	133.8	-10.5	-2.3	-	
1 US\$=	133 yen	149 yen	142 yen	147 yen	14 yen depreciation	2 yen appreciation	5 yen depreciation	
1 Euro=	142 yen	159 yen	155 yen	159 yen	18 yen depreciation	0 yen depreciation	4 yen depreciation	

*1: Each figure represents comparisons with the midpoint in the sales revenue forecast range *2: Operating profit + Depreciation and amortization

1Q 2024 REVENUE AND GROSS / OPERATING MARGIN NON-GAAP

	Company Total	Automotive	Industrial / Infrastructure / IoT	vs FCT ✓ Revenue : ✓ Gross Margin :
Revenue	351.8 B yen vs FCT: +2.0% QoQ: -2.8%	178.2 B yen vs FCT: + QoQ: +3.6%*1	171.6 B yen vs FCT: + QoQ: -8.6%*1	 (+) Increased utilization, Decreased production cost (-) Worsen product mix ✓ Operating Margin : ➡ (+) Decreased sales operating cost
Gross Margin	56.7% vs FCT: +1.7pts QoQ: +0.3pt	52.4% QoQ: +0.1pt*1	61.6% QoQ: +1.2pts*1	QoQ ✓ Revenue : — ✓ Gross Margin : ↓
Operating Margin	32.3% vs FCT: +2.3pts QoQ: +0.4pt	32.2% QoQ: -0.9pt*1	32.5% QoQ: +2.4pts*1	 (+) Currency Impact, Increased utilization, Decreased production cost (-) Worsen product mix ✓ Operating Margin : (+) Decreased sales operating cost

*1: Compared with the revised segment information based on the new aggregation method

QUARTERLY REVENUE TRENDS NON-GAAP



*1: 2023 segment revenue: revised based on the new aggregation method

QUARTERLY BUSINESS TRENDS NON-GAAP





*1: Operating profit + Depreciation and amortization *2: Cash flows from operating activities + Cash flows from investing activities; The 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

RENESAS

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INVENTORY





In-House Inventory/DOI

 ✓ 1Q Results: Increased
 WIP: Die bank expansion, Advance purchase from OS
 FG/RM: Shipments based on demand
 ✓ 2Q Forecast: Increase
 WIP: Increase in die bank inventory, Advance production
 FG/RM: Shipments based on demand

Sales Channel Inventory/WOI

✓ 1Q Results: Increased
 Automotive: Increased
 Industrial/ Infrastructure/IoT: Increased slightly

✓ 2Q Forecast: Increase

Automotive: Increase Industrial/ Infrastructure/IoT: Decrease

*1: DOI: Days of Inventory = Inventory valuation balance at the end of the quarter / cost of sales of the quarter (Non-GAAP) × 90

*2: Channel Inventory: Total inventory amount for Tokuyakutens for Japanese customers and overseas distributors

*3: Management accounting Basis: Exchange rates for the FY2022 and FY2023 have been adjusted (and are calculated based on the FY2024 exchange rate) in accordance with the change in exchange rate for the FY2024 budget

*4: 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 *5: Long-Term Inventory with unique holding periods (End of Life or "EOL" products, e-commerce inventory etc.) *6: Liquid Inventory: Channel Inventory – Long-Term Inventory, etc.



FRONT-END UTILIZATION RATE AND CAPITAL EXPENDITURES*1

FRONT-END UTILIZATION RATE (WAFER INPUT BASIS)



CAPITAL EXPENDITURES

*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 is based on equipment delivery

2Q 2024 FORECAST NON-GAAP

	20	23	2024								
(B yen)	2Q (Apr-Jun)	1H (Jan-Jun)	1Q (Jan-Mar)	2Q (Apr-Jun) Midpoint Forecast (Range) ^{*1}	ΥοΥ	QoQ	1H (Jan-Jun) Forecast	ΥοΥ			
Revenue	368.7	728.4	351.8	355.0 (±7.5)	-3.7% (±2.0pts)	+0.9% (±2.1pts)	706.8 (±7.5)	-3.0% (±1.0pt)			
Revenue (Excluding Foreign Exchange Impact)	-	-	-	-	-8.6%	+0.4%	-	-			
Gross Margin	57.4%	56.8%	56.7%	55.5%	-1.9pts	-1.2pts	56.1%	-0.7pt			
Operating Margin	35.0%	34.8%	32.3%	30.5%	-4.5pts	-1.8pts	31.4%	-3.5pts			
1 US\$ =	135 yen	134yen	147 yen	150 yen	15 yen depreciation	3 yen depreciation	148 yen	15 yen depreciation			
1 Euro=	146 yen	144yen	159 yen	161 yen	15 yen depreciation	2 yen depreciation	160 yen	16 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*¹ NON-GAAP

				2023			2024		
(B ye	en)	1Q (Jan-Mar)	2Q (Apr-Jun)	3Q (Jul-Sep)	4Q (Oct-Dec)	Full-Year (Jan-Dec)	1Q (Jan-Mar)	ΥοΥ	QoQ
Reve	nue	359.7	368.7	379.4	361.9	1,469.7	351.8	-2.2%	-2.8%
	Automotive	159.2	161.1	168.2	172.0	660.4	178.2	+11.9%	+3.6%
	Industrial, Infrastructure, IoT	197.8	204.8	208.9	187.8	799.3	171.6	-13.3%	-8.6%
	Others	2.6	2.8	2.3	2.2	10.0	2.1	-21.5%	-5.2%
Gros (Març	s Profit gin)	202.0 (56.2%)	211.5 (57.4%)	219.8 (57.9%)	204.1 (56.4%)	837.4 (57.0%)	199.3 (56.7%)	-2.7 (+0.5pt)	-4.8 (+0.3pt)
	Automotive	84.7 (53.2%)	83.9 (52.1%)	89.8 (53.4%)	90.0 (52.3%)	348.5 (52.8%)	93.4 (52.4%)	+8.6 (-0.8pt)	+3.4 (+0.1pt)
	Industrial, Infrastructure, IoT	116.3 (58.8%)	126.3 (61.7%)	129.6 (62.0%)	113.3 (60.3%)	485.5 (60.7%)	105.6 (61.6%)	-10.7 (+2.8pts)	-7.7 (+1.2pts)
	Others	1.0 (39.5%)	1.3 (44.6%)	0.5 (23.4%)	0.6 (29.4%)	3.5 (35.0%)	0.4 (17.5%)	-0.7 (-22.0pts)	-0.3 (-11.9pts)
	Adjustments*2	-0.0	-0.0	-0.2	0.2	0.0	0.0	0.0	-0.2

*1: 2023 segment financial statements: revised based on the new aggregation method

*2: 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*2 NON-GAAP

				2023			2024		
(В уе	en)	1Q (Jan-Mar)	2Q (Apr-Jun)	3Q (Jul-Sep)	4Q (Oct-Dec)	Full Year (Jan-Dec)	1Q (Jan-Mar)	YoY	QoQ
-	erating Profit rgin)	124.8 (34.7%)	129.1 (35.0%)	132.3 (34.9%)	115.5 (31.9%)	501.6 (34.1%)	113.5 (32.3%)	-11.3 (-2.4pts)	-2.0 (+0.4pt)
	Automotive	57.7 (36.2%)	56.7 (35.2%)	58.1 (34.6%)	56.9 (33.1%)	229.4 (34.7%)	57.4 (32.2%)	-0.3 (-4.0pts)	+0.5 (-0.9pt)
	Industrial, Infrastructure, IoT	66.2 (33.5%)	71.9 (35.1%)	73.7 (35.3%)	56.5 (30.1%)	268.4 (33.6%)	55.8 (32.5%)	-10.4 (-1.0pt)	-0.7 (+2.4pts)
	Others	1.0 (39.5%)	1.3 (44.6%)	0.5 (23.4%)	0.6 (29.4%)	3.5 (35.0%)	0.4 (17.5%)	-0.7 (-22.0pts)	-0.3 (-11.9pts)
	Adjustments*2	-0.2	-0.8	-0.0	1.4	0.4	0.0	+0.2	-1.4
EBI	TDA	144.3	149.0	152.6	136.0	581.9	133.8	-10.5	-2.3
	Automotive	66.9	65.9	67.8	67.1	267.7	68.6	+1.7	+1.5
	Industrial, Infrastructure, IoT	76.6	82.6	84.2	66.8	310.3	64.9	-11.7	-2.0
	Others	1.0	1.3	0.5	0.6	3.5	0.4	-0.7	-0.3
	Adjustments*3	-0.2	-0.8	-0.0	1.4	0.4	0.0	+0.2	-1.4

*1: Operating profit + Depreciation and amortization

*2: 2023 segment financial statements: revised based on the new aggregation method

*3: 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)	23/3	23/6	23/9	23/12	24/3
Total Assets	2,840.8	3,123.5	3,292.2	3,167.0	3,233.7
Cash and Cash Equivalents ^{*1}	361.4	458.1	392.5	434.7	231.8
Inventories	188.2	177.9	177.8	163.1	171.4
Goodwill	1,272.3	1,392.4	1,436.0	1,362.1	1,453.8
Intangible Assets	466.9	483.0	467.6	421.8	417.9
Total Liabilities	1,179.7	1,228.0	1,235.9	1,161.4	1,031.4
Interest-Bearing Liabilities*2	741.4	733.7	710.3	667.7	532.9
Total Equity	1,661.1	1,895.5	2,056.3	2,005.6	2,202.3
D/E Ratio (Gross) ^{*3}	0.45	0.39	0.35	0.33	0.24
D/E Ratio (Net) ^{*4}	0.23	0.15	0.15	0.12	0.14
Equity Ratio Attributable to Owners of Parent*5	58.3%	60.6%	62.3%	63.2%	68.0%
Leverage Ratio (Gross) ^{*6}	1.2	1.2	1.2	1.1	0.9
Leverage Ratio (Net)*7	0.6	0.5	0.5	0.4	0.5
Average number of shares during the period (excluding treasury stock) (in million shares)	1,799	1,763	1,769	1,775	1,779

*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

		2023							2024			
(B yen)		1Q (Jai	n-Mar)		Full Year (Jan-Dec)				1Q (Jan-Mar)			
	Gross Profit	Operating Profit	Net Profit ^{*1}	EBITDA	Gross Profit	Operating Profit	Net Profit ^{*1}	EBITDA	Gross Profit	Operating Profit	Net Profit*1	EBITDA
Non-GAAP (vs Revenue)	202.0 (56.2%)	124.8 (34.7%)	107.5 (29.9%)	144.3 (40.1%)	837.4 (57.0%)	501.6 (34.1%)	432.9 (29.5%)	581.9 (39.6%)	199.3 (56.7%)	113.5 (32.3%)	105.9 (30.1%)	133.8 (38.0%)
Recurring Items	-0.8	-29.9	-25.8	-4.5	-2.8	-128.9	-112.2	-23.6	-0.7	-33.2	-29.0	-5.6
Former-Intersil PPA Effects	-0.1	-3.2	-2.4	-	-0.3	-11.7	-9.0	-	-0.1	-2.9	-2.2	-
Former-IDT PPA Effects	-0.1	-12.4	-10.9	-	-0.4	-52.1	-45.9	-	-0.1	-13.7	-12.0	-
Former-Dialog PPA Effects	-0.4	-9.3	-7.6	-0.3	-0.6	-38.4	-30.6	-0.3	-0.1	-10.0	-8.1	-
Former-Celeno PPA Effects	-	-0.7	-0.7	-	-	-3.0	-3.0	-	-	-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	-	-	-0.1	-0.1	-	-	-0.0	-0.0	-
Former-Panthronics PPA Effects	-	-	-	-	-	-0.2	-0.2	-	-	-0.1	-0.1	-
Stock-Based Compensation	-0.3	-4.2	-4.2	-4.2	-1.5	-23.3	-23.3	-23.3	-0.5	-5.6	-5.6	-5.6
Non-Recurring Items	-1.1	28.4	23.5	28.4	-0.3	18.0	16.4	18.5	-1.1	-2.5	3.0	-2.5
Naka Factory Fire Impact	-	29.6	29.6	29.6	-	29.7	29.7	29.7	-	-0.1	-0.1	-0.1
Others	-1.1	-1.3	-6.1	-1.2	-0.3	-11.6	-13.3	-11.2	-1.1	-2.4	3.1	-2.4
Non-GAAP Adjustments Total	-1.9	-1.5	-2.3	24.0	-3.1	-110.9	-95.8	-5.1	-1.9	-35.7	-26.0	-8.1
GAAP (vs Revenue)	200.1 (55.7%)	123.3 (34.3%)	105.2 (29.3%)	168.3 (46.8%)	834.3 (56.8%)	390.8 (26.6%)	337.1 (22.9%)	576.8 (39.3%)	197.5 (56.1%)	77.8 (22.1%)	79.9 (22.7%)	125.7 (35.7%)

*1: Profit Attributable to Owners of Parent

1Q 2024 CONSOLIDATED OPERATING PROFIT BRIDGE FROM NON-GAAP TO GAAP





(B yen)

1Q 2024 FINANCIAL SNAPSHOT GAAP

	20	23	2024				
(B yen)	1Q (Jan-Mar)	4Q (Oct-Dec)	1Q (Jan-Mar)	YoY	QoQ		
Revenue	359.4	361.9	351.8	-2.1%	-2.8%		
Gross Margin	55.7%	56.2%	56.1%	+0.4pt	-0.1pt		
Operating Profit (Margin)	123.3 (34.3%)	72.4 (20.0%)	77.8 (22.1%)	-45.4 (-12.2pts)	+5.5 (+2.1pts)		
Profit Attributable to Owners of Parent	105.2	66.1	79.9	-25.3	+13.8		
EBITDA ^{*1}	168.3	120.9	125.7	-42.6	+4.8		
1 US\$=	133 yen	149 yen	147 yen	14 yen depreciation	2 yen appreciation		
1 Euro=	142 yen	159 yen	159 yen	18 yen depreciation	0 yen depreciation		

*1: Operating profit + Depreciation and amortization

RENESAS BREAKDOWN OF REVENUE





2023 Revenue by product

2023 REVENUE COMPOSITION

Automotive	Indust				
Control 65%	Info 30% +	Industrial 45%	Infra 20% -	ют 35% +	Total
	MCU, 40% -	MCU, 55%	SoC, 10% +	MCU, 20% SoC, 10% +	MCU, 45% -
MCU, 70% -		WICO, 55%	Analog, 70% -	Analog, 25% +	SoC, 15% -
SoC, 5% -	SoC, 50% -	SoC, 15% -		Power, 45% -	Analog, 25% -
Analog, 15% - Power, 15%	Analog, 5% - Power, 10% -	Analog, 25% + Power, 5% +	Power, 20% -	Power, 43 % -	Power, 20% -
45%		55% -		100%	



HIGHLIGHTS

Altium^{*1} Acquisition

- ✓ **Transaction Value**: Approx. A\$9.1b
- ✓ **Closing**: 2H of 2024
- ✓ Business: Development and sales of software tools for PCB design, etc.
- Rationale: Accelerate digitalization strategies and improve user experience to create shareholder value

Build OSAT in India

- Overview: CG^{*2}(India), Renesas and Stars Microelectronics^{*3} (Thailand) to establish a Joint Venture to build and operate an OSAT facility in India
- ✓ Equity capital ratio: 6.8%
- Rationale: Accelerate investment in India and bolster India's semiconductor ecosystem to address the growing semiconductor demand

Kofu Factory Reopening

- ✓ Overview: Renesas reopened the Kofu Factory in April 2024 as a 300mm wafer fab
- **Opening ceremony**: April 11, 2024
- Rationale: Boost power semiconductor production capacity in response to growing demand for EVs
- Future schedule: Mass production to begin in 2025

*1: Altium Limited

*2: CG Power and Industrial Solutions Limited

*3: Stars Microelectronics (Thailand) Public Co. Ltd



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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.

