# Macnica Holdings (3132) 



E The company announced 1 H FY03/23 results after the market close on October 31, 2022. The results were better than previously expected, and the company upwardly revised its full-year earnings and dividend forecasts.

- 1 H results: sales 492,562 million yen ( $+35.9 \%$ YoY), operating profit 26,801 million yen ( $+73.6 \%$ YoY), recurring profit 23,707 million yen $(+54.5 \%$ YoY), net profit 16,821 million yen ( $+40.3 \%$ YoY). Foreign exchange loss of 2,098 million yen was recorded under non-operating expenses.
- Percentage of achievement vs. prior forecast: $106.2 \%$ for sales, $121.8 \%$ for operating profit, $115.6 \%$ for recurring profit, and $120.2 \%$ for net profit. Percentage of progress toward full-year forecasts: $50.8 \%$ for sales, $52.6 \%$ for operating profit, $52.7 \%$ for recurring profit, and $53.4 \%$ for net profit.
- Semiconductor business: Sales increased (+37.4\% yoy), Profit increased (+109.3\% yoy). Network business: Sales increased (+23.1\% yoy), Profit decreased ( $-24.1 \%$ yoy). The impact of the weak yen had a positive and negative impact.
- Full-year forecasts: sales of 970,000 million yen ( $+27.3 \% \mathrm{y} / \mathrm{y}$; previous forecast of 930,000 million yen), operating prifit of 51,000 million yen ( $+38.9 \% \mathrm{y} / \mathrm{y} ; 44,000$ million yen), recurring profit of 45,000 million yen $(+26.8 \% \mathrm{y} / \mathrm{y} ; 41,600$ million yen), net profit of 31,500 million yen ( $+22.1 \%$ $y / y ; 28,000$ million yen). Non-operating losses: - 6,000 million yen (vs. prior forecast of $-2,400$ million yen)
- Both semiconductor and network businesses exceeded the prior forecast (sales). Yen depreciation had a positive impact on the semiconductor business and a negative impact on the network business (domestic, profit)
- Percentage of achievement vs. prior forecast: Semiconductor business 106.4\%, Network business 103.7\%
- Progress against full-year forecast: 51.0\% for semiconductor business, 48.6\% for network business



## Integrity \& Sustainability

## GIR Earnings View (cont.)

- Semiconductor business (2Q sales: $+37.3 \%$ yoy, $+3.5 \%$ qoq): Industrial equipment ( $+49.6 \%$ yoy, $+9.5 \%$ qoq) and automotive $(+74.6 \%$ yoy, $+18.9 \%$ qoq) led the growth. Sales declined sharply in telecom infrastructure ( $-8.5 \%,-35.5 \%$ ) and memory (-17.3\%, 28.6\%); PLD (+29.1\%, -2.1\%) and ASIC (+17.0\%, -6.3\%) sales declined from the 1Q
- Network Business (+27.7\%, +10.1\%): Software (+76.0\%, +21.5\%). Significant growth in endpoint security-related products


E - Semiconductor business (2H sales forecast: +21.1\% yoy, -4.0\% yoy)

- Industrial equipment and automotive markets: Driven by manufacturing $D X$, increased semiconductor capex, EVs, etc.
- China: IT investment slowdown due to regulatory restrictions has reduced demand for memory for telecommunication infrastructure and servers.
E - Network business (+7.2\% yoy, $+5.8 \%$ yoy)
- With the increasing use of cloud computing, software is expected to drive growth, especially in endpoint security and cloud services
- Hardware assumes limited growth in the trend toward cloud computing

E - Semiconductor business (1H sales: +121.5 billion yen yoy): Automotive +21.0 billion yen, Industrial equipment +39.5 billion yen, Other markets +6.0 billion yen, Forex (weak yen) +55.0 billion yen

- In Ship \& Debit transactions, a sharp depreciation of the yen against the U.S. dollar generated foreign exchange gains when the cash paid back in dollar was converted to yen equivalent term.
- Semiconductor lead time is about 1 year. Order backlog exceeds approx. 1 year due to long-term contracts.
… Network Business (1H sakes: +8.7 billion yen yoy): Security: +2.6 billion yen, BigData: +1.1 billion yen, Application: +0.7 billion yen, Global: +4.6 billion yen (growth mainly in India and Singapore; foreign exchange effects increased by approximately 2 billion yen), Others: 0.4 billion yen decrease
- Cost of sales increased due to rapid yen depreciation for product procurement carried out in dollar, resulted in negative impact to gross profit margin (cost of sales increased by approximately 1.5 billion yen).



## Integrity \& Sustainability



E: Medium-term targets for the fiscal year ending March 31, 2025 (sales of 970 billion yen, operating profit of 48 billion yen, and net profit of 30 billion yen) are expected to be achieved ahead of schedule in the fiscal year ending March 31, 2023.
E Sustainable growth by compensating for the impact of market fluctuations in the semiconductor business by focusing on the network business and services and solutions business.
E- Security Business: Growth in Existing Markets and Steady Seeding of New Markets
E BigData Business: Developing the company's own services in collaboration with partners
E. At the same time as the earnings announcement, the company announced its decision to repurchase and retire its own shares. Number of shares to be repurchased: $2,500,000$ shares (upper limit, $4 \%$ of total shares issued excluding treasury stock); total acquisition cost: 6 billion yen (upper limit); acquisition period: November 1, 2022 to March 24, 2023; scheduled retirement date: March 31, 2023.
E. Medium-Term Management Plan Shareholder Return Policy: ROE of $15 \%$ or more, consolidated dividend on equity ratio (DOE) of $4 \%$ or more. Stable and continuous dividend payment, total return ratio of 30-50\%
E. Dividend increase for the fiscal year ending March 31, 2023: interim dividend of 65 yen to be paid, year-end dividend of 65 yen to be paid, total of 130 yen (revised up from the previous forecast of 120 yen)


Consolidated Results Share Price $¥ 2,978$ (October 31, 2022)

| Fiscal year | Sales <br> (mn) | YoY <br> (\%) | Operating profit (mn) | YoY <br> (\%) | Recurring profit (mn) | YoY <br> (\%) | Net profit <br> (mn) | YoY <br> (\%) | $\begin{aligned} & \text { EPS } \\ & (\mathrm{Yen}) \end{aligned}$ | PER <br> (x) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Accounting standard |  | Japanese GAAP |  |  |  |  |  |  |  |  |
| 3/2019 | 524,235 | 4.0\% | 15,324 | 1.1\% | 13,101 | -12.3\% | 8,883 | -22.2\% | 142.0 | 21.0 |
| 3/2020 | 521,193 | -0.6\% | 14,447 | -5.7\% | 11,072 | -15.5\% | 5,633 | -36.6\% | 90.1 | 33.0 |
| 3/2021 | 553,962 | 6.3\% | 18,769 | 29.9\% | 16,399 | 48.1\% | 10,875 | 93.1\% | 175.4 | 17.0 |
| 3/2022 | 761,823 | 37.5\% | 36,707 | 95.6\% | 35,487 | 116.4\% | 25,798 | 137.2\% | 414.9 | 7.2 |
| 1H of 3/2023 | 492,562 | 35.9\% | 26,801 | 73.6\% | 23,707 | 54.5\% | 16,821 | 40.3\% | 270.1 |  |
| 2 H of 3/2023 CE | 477,438 | 19.5\% | 24,199 | 13.8\% | 21,293 | 5.7\% | 14,679 | 6.3\% | 235.7 |  |
| 3/2023 CE | 970,000 | 27.3\% | 51,000 | 38.9\% | 45,000 | 26.8\% | 31,500 | 22.1\% | 505.9 | 5.9 |

Source: Prepared by Global IR, Inc. based on company data
CE=Company Estimate. Rounded under JPY mn. Rounded to one decimal place. Calculated by Global IR, Inc.

## Integrity \& Sustainability

## FAQs related to financial results

Q1: Factors behind the decrease in the SG\&A ratio?

Q2: Network business increased revenue but decreased profit, and it is difficult to grasp whether the actual situation is good or bad due to the impact of foreign exchange rates?

Q3: What is the current sales/profit mix and optimal balance between the semiconductor and network businesses?

Q4: Are the semiconductor and network businesses independent of each other, or are there any synergies?

## First Half Results Review

The main reason for this is that while the depreciation of the yen has led to a sharp increase in U.S. dollar-denominated semiconductor sales, the growth of yen-cost SG\&A expenses (especially labor costs) is relatively low. The company is not curbing SG\&A expenses, but rather the absolute amount of SG\&A expenses is increasing due to the expansion of the workforce in response to the increase in actual demand. Due in part to an increase in overseas business trips as a result of the easing of travel restrictions for the Corona disaster, the company expects an increase in the second half of the year compared to the first half.

Foreign exchange impact on the network business was negative about 1.5 billion yen (1H, operating profit, yoy) . Higher costs (dollar-denominated purchases and domestic yen sales) due to yen depreciation are reflected in prices sequentially. Excluding foreign exchange effects, operating profit was positive by approximately 600 million yen (yoy). Unlike the semiconductor business, the network business has many spot transactions, and it was difficult to obtain foreign exchange contracts. Since it is easy to forecast sales in the subscriber business associated with the shift to cloud computing, the company intends to stabilize profitability by utilizing foreign exchange forward contracts.

In the previous mid-term plan, there was a "Network" category instead of "Application," but since the growth potential of network equipment has been declining due to the spread of cloud computing, cloud computing-related products were reorganized into the "Application" category and network equipment was included in the "Others" category. Overall 1 H sales of the network business increased $23 \%$ yoy to 46.3 billion yen, with Security sales up $13 \%$ to 23.1 billion yen, BigData sales up $43 \%$ to 3.6 billion yen, Application sales up $29 \%$ to 3.2 billion yen, and Global sales up $49 \%$ to 14.1 billion yen, with growth in all focus categories.

Due to the rapid increase in sales in the semiconductor business, both sales and profits are dominated by semiconductors at a ratio of $9: 1$ in the first half, although there was a time when the profit ratio was $5: 5$ until $F Y 3 / 2021$. The negative impact of the exchange rate (yen depreciation) on the network business is considered to be temporary. Since the network business is inherently highly profitable, the company intends to increase its profit contribution. In the long-term vision (operating profit target: 100 billion yen), the three pillars are the semiconductor business, the network business, and the services and solutions business.

The network business used to be an independent subsidiary and was not closely related to the semiconductor business in terms of revenue, but has now been absorbed as a business of the main unit. In recent years, the security field has become very important, and the need to protect factories and supply chains from cyber attacks in the form of CPS security has deepened the mutual relationship. In addition, the network business and the semiconductor business are working closely together in the development of the services and solutions business.

## Integrity \& Sustainability

Q5: Sales in China are slightly stagnant. Is this due to U.S. restrictions on China?

Q6: Prolonged time span in procurement of commercial materials has been an obstacle to rate controlling factor, but are there any signs of improvement?

Q7: The weak yen has caused some Japanese companies to return to the domestic market. How do you see the balance between domestic and overseas sales?

Q8: What are the focus points and market acquisition opportunities in the new services and solutions business?

Q9: Exchange rate assumptions and impact of exchange rate fluctuations (1 yen to the dollar)?

The U.S. restrictions on China apply to cutting-edge semiconductors such as GPUs and CPUs, and the products handled by the company are not subject to the restrictions. Local Chinese companies' investment in data centers temporarily stagnated due to IT investment restrictions imposed by the Chinese authorities, and sales of memory for telecommunication infrastructure and servers declined.

The switch to long-term contracts with customers has progressed and is gradually stabilizing. Lead times, which used to average more than one year, have settled down to about one year. However, analog and power systems are still tight.

## Business Strategy

The ratio of overseas:domestic sales is $55: 45$, with $60 \%$ of overseas sales being local. In other words, one-third is overseas local and two-thirds is Japanese companies. Most of the overseas local companies are Chinese and ASEAN companies. Overseas local companies are shifting from specific data center companies to industrial equipment and in-vehicle equipment, which have a broad base (large number of companies). Even if the number of vehicles in the automotive market does not increase, demand for semiconductors is expected to continue to grow as the electrification of vehicles progresses. In the security business, where demand will continue to increase worldwide, the company has acquired Netpoleon in Singapore through M\&A and is developing a base to expand overseas sales. In the security business, the demand trend in the ASEAN region is expected to emerge two to three years later than in Japan.

In the service and solution model, the company is entering the market through VADs and by gaining intelligence, is converting services to its own. The focus points are 1) smart mobility and 2) smart factories. Coverage is expanding and the company is seeing a positive response. In smart factories, the company also provides CPS security consulting services. In the municipal sector, the company started with mobility and is now involved in policy proposals for smart cities, such as the Digital Countryside Initiative. The company will also expand horizontally to other municipalities.

## Other

The company refrains from disclosing specific figures as to the sensitivity of foreign exchange rate fluctuation. As described in the earnings revision released on October 31st. 2022 regarding its full year forecast, mid-term dividend from retained earnings, and full year dividend forecast, the full year earnings estimate has been revised up taking into account the effect of weaker yen at the half year end compared to the beginning of the term.

# Integrity \& Sustainability 

Q10: Network business: Overseas, increase of approx. 2 billion yen (sales) due to foreign exchange effects, mainly in India and Singapore.

Q11: What was the reason for the significant increase in operating cash flow of 45.5 billion yen (vs. -2.6 billion yen in the same period last year)?

Q12: Are there any revisions to the numerical targets in the mid-term business plan?

In Singapore, the company purchases in U.S. dollars, sells in Singapore dollars, converts to yen, and posts sales in consolidated accounts. Therefore, when the yen depreciates, it is a factor that increases yen sales.

The increase in accounts receivable and inventories was offset by an increase in accounts payable and income before income taxes of 24.9 billion yen. Due to differences in business practices between Japan and other countries, larger working capital has traditionally been required when the semiconductor trading business is strong, which has a negative impact on operating cash flow. Against this backdrop, cash flow from operating activities amounted to 45.5 billion yen, mainly due to the liquidity management of trade receivables and various other measures, including continued thorough inventory control.

The company is currently reviewing and considering the macro environment and market trends.

| Figure.1. 1H Results and Forecasts for 2H and Full Year |  |  |  |  |  |  |  |  |  |  |  | Unit: JPY mn, \% <br> FY03/2023 2H CE <br> (New) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| mparison of old an | FY03/2022 |  |  | FY03/2023 |  |  | $\begin{aligned} & \text { FY03/2023 CE } \\ & \text { (Previous) } \end{aligned}$ |  |  | $\begin{gathered} \text { FY03/2023 } \\ 1 \mathrm{H} \end{gathered}$ |  |  |  |
| new company forecas | 1H | 2 H | Full Year | 1H | 2H CE | Full Year | 1H CE | 2 HCE | Full Year | Achieved | Progress | YoY | Compared to 1H |
| Net sales | 362,343 | 399,480 | 761,823 | 492,562 | 477,438 | 970,000 | 464,000 | 466,000 | 930,000 | 106.2\% | 50.8\% | 19.5\% | -3.1\% |
| Semiconductor Business | 324,768 | 353,834 | 678,602 | 446,305 | 428,520 | 419,413 | 417,000 | 836,413 | 836,413 | 106.4\% | 51.0\% | 21.1\% | -4.0\% |
| Network Business | 37,575 | 45,646 | 83,220 | 46,256 | 48,919 | 44,587 | 49,000 | 93,587 | 93,587 | 103.7\% | 48.6\% | 7.2\% | 5.8\% |
| Cost of sales | 321,069 | 350,035 | 671,104 | 435,006 | 421,564 | 856,570 | 411,940 | 413,760 | 825,700 | 105.6\% | 50.8\% | 20.4\% | -3.1\% |
| Gross profit | 41,274 | 49,444 | 90,718 | 57,556 | 55,874 | 113,430 | 52,060 | 52,240 | 104,300 | 110.6\% | 50.7\% | 13.0\% | -2.9\% |
| SG\&A | 25,837 | 28,173 | 54,010 | 30,754 | 31,676 | 62,430 | 30,060 | 30,240 | 60,300 | 102.3\% | 49.3\% | 12.4\% | 3.0\% |
| Operating profit | 15,437 | 21,270 | 36,707 | 26,801 | 24,199 | 51,000 | 22,000 | 22,000 | 44,000 | 121.8\% | 52.6\% | 13.8\% | -9.7\% |
| Recurring profit | 15,343 | 20,144 | 35,487 | 23,707 | 21,293 | 45,000 | 20,500 | 21,100 | 41,600 | 115.6\% | 52.7\% | 5.7\% | -10.2\% |
| Net profit | 11,988 | 13,810 | 25,798 | 16,821 | 14,679 | 31,500 | 14,000 | 14,000 | 28,000 | 120.2\% | 53.4\% | 6.3\% | -12.7\% |


| 1H \& Full Year CE | FY03/2022 |  |  | FY03/2023 |  |  | YoY |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1H | 2 H | Full Year | 1H | 2H CE | Full year | 1H | 2 H | Full Year |
| Sales | 362,343 | 399,480 | 761,823 | 492,562 | 477,438 | 970,000 | 35.9\% | 19.5\% | 27.3\% |
| Cost of sales | 321,069 | 350,035 | 671,104 | 435,006 | 421,564 | 856,570 | 35.5\% | 20.4\% | 27.6\% |
| Gross profit | 41,274 | 49,444 | 90,718 | 57,556 | 55,874 | 113,430 | 39.4\% | 13.0\% | 25.0\% |
| Gross profit margin | 11.4\% | 12.4\% | 11.9\% | 11.7\% | 11.7\% | 11.7\% |  |  |  |
| SG\&A | 25,837 | 28,173 | 54,010 | 30,754 | 31,676 | 62,430 | 19.0\% | 12.4\% | 15.6\% |
| SG\&A ratio to sales | 7.1\% | 7.1\% | 7.1\% | 6.2\% | 6.6\% | 6.4\% |  |  |  |
| Operating profit | 15,437 | 21,270 | 36,707 | 26,801 | 24,199 | 51,000 | 73.6\% | 13.8\% | 38.9\% |
| OP margin | 4.3\% | 5.3\% | 4.8\% | 5.4\% | 5.1\% | 5.3\% |  |  |  |
| Recurring profit | 15,343 | 20,144 | 35,487 | 23,707 | 21,293 | 45,000 | 54.5\% | 5.7\% | 26.8\% |
| RP margin | 4.2\% | 5.0\% | 4.7\% | 4.8\% | 4.5\% | 4.6\% |  |  |  |
| Net profit | 11,988 | 13,810 | 25,798 | 16,821 | 14,679 | 31,500 | 40.3\% | 6.3\% | 22.1\% |
| NP margin | 3.3\% | 3.5\% | 3.4\% | 3.4\% | 3.1\% | 3.2\% |  |  |  |

Source: Prepared by Global IR, Inc. based on company data
Note: CE=Company Estimate. Rounded under JPY mn. Rounded to one dicimal place. Caluculated by Global IR, Inc.

## Integrity E Sustainability

| Figure. 2. Quarterly Results |  |  |  |  |  |  |  |  | Unit: JPY mn, \% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Quarterly Financial Results (Cumulative) | FY03/2021 |  |  |  | FY03/2022 |  |  |  | FY03/2023 |  |
|  | 1Q | 1-2Q | 1-3Q | 1-4Q | 1Q | 1-2Q | 1-3Q | 1-4Q | 1Q | 1-2Q |
| Sales | 125,147 | 257,163 | 396,737 | 553,962 | 178,064 | 362,343 | 557,145 | 761,823 | 241,320 | 492,562 |
| YoY | 2.6\% | 1.1\% | 3.0\% | 6.3\% | 42.3\% | 40.9\% | 40.4\% | 37.5\% | 35.5\% | 35.9\% |
| Gross profit | 14,680 | 14,680 | 29,473 | 46,012 | 64,835 | 20,258 | 41,274 | 65,095 | 90,718 | 27,359 |
| Yoy | 2.0\% | 0.0\% | 4.5\% | 8.3\% | 38.0\% | 40.0\% | 41.5\% | 39.9\% | 35.1\% | 39.4\% |
| Gross profit margin | 11.7\% | 11.5\% | 11.6\% | 11.7\% | 11.4\% | 11.4\% | 11.7\% | 11.9\% | 11.3\% | 11.7\% |
| SG\&A | 10,831 | 21,875 | 33,882 | 46,066 | 12,951 | 25,837 | 39,719 | 54,010 | 15,093 | 30,754 |
| YoY | -5.4\% | -3.9\% | -0.2\% | 1.4\% | 19.6\% | 18.1\% | 17.2\% | 17.2\% | 16.5\% | 19.0\% |
| SG\&A ratio to sales | 8.7\% | 8.5\% | 8.5\% | 8.3\% | 7.3\% | 7.1\% | 7.1\% | 7.1\% | 6.3\% | 6.2\% |
| Operating profit | 3,847 | 7,597 | 12,129 | 18,769 | 7,306 | 15,437 | 25,375 | 36,707 | 12,265 | 26,801 |
| Yoy | 30.9\% | 13.0\% | 20.6\% | 29.9\% | 89.9\% | 103.2\% | 109.2\% | 95.6\% | 67.9\% | 73.6\% |
| Operating profit margin | 3.1\% | 3.0\% | 3.1\% | 3.4\% | 4.1\% | 4.3\% | 4.6\% | 4.8\% | 5.1\% | 5.4\% |
| Recuring profit | 3,665 | 7,518 | 11,868 | 16,399 | 7,514 | 15,343 | 24,561 | 35,487 | 11,280 | 23,707 |
| Yoy | 75.9\% | 53.3\% | 52.0\% | 48.1\% | 105.0\% | 104.1\% | 107.0\% | 116.4\% | 50.1\% | 54.5\% |
| Recuring profit margin | 2.9\% | 2.9\% | 3.0\% | 3.0\% | 4.2\% | 4.2\% | 4.4\% | 4.7\% | 4.7\% | 4.8\% |
| Net profit | 2,492 | 2,492 | 5,137 | 8,138 | 10,875 | 6,255 | 11,988 | 17,822 | 25,798 | 7,857 |
| Yoy | 104.1\% | 68.3\% | 75.2\% | 93.1\% | 151.0\% | 133.4\% | 119.0\% | 137.2\% | 25.6\% | 40.3\% |
| Net profit margin | 2.0\% | 2.0\% | 2.1\% | 2.0\% | 3.5\% | 3.3\% | 3.2\% | 3.4\% | 3.3\% | 3.4\% |
| Quarterly Financial Results | FY03/2021 |  |  |  | FY03/2022 |  |  |  | FY03/2023 |  |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q |
| Sales | 125,147 | 132,016 | 139,574 | 157,225 | 178,064 | 184,279 | 194,802 | 204,678 | 241,320 | 251,242 |
| YoY | 2.6\% | -0.4\% | 6.8\% | 15.6\% | 42.3\% | 39.6\% | 39.6\% | 30.2\% | 35.5\% | 36.3\% |
| Gross profit | 14,680 | 14,680 | 14,793 | 16,539 | 18,823 | 20,258 | 21,016 | 23,821 | 25,623 | 27,359 |
| Yoy | 2.0\% | -2.0\% | 13.8\% | 18.5\% | 38.0\% | 42.1\% | 44.0\% | 36.1\% | 35.1\% | 43.7\% |
| Gross profit margin | 11.7\% | 11.2\% | 11.8\% | 12.0\% | 11.4\% | 11.4\% | 12.2\% | 12.5\% | 11.3\% | 12.0\% |
| SG\&A | 10,831 | 10,831 | 11,044 | 12,007 | 12,184 | 12,951 | 12,886 | 13,882 | 14,291 | 15,093 |
| YoY | -5.4\% | -2.3\% | 7.2\% | 6.0\% | 19.6\% | 16.7\% | 15.6\% | 17.3\% | 16.5\% | 21.5\% |
| SG\&A ratio to sales | 8.7\% | 8.4\% | 8.6\% | 7.7\% | 7.3\% | 7.0\% | 7.1\% | 7.0\% | 6.3\% | 6.2\% |
| Operating profit | 3,847 | 3,847 | 3,750 | 4,532 | 6,640 | 7,306 | 8,131 | 9,938 | 11,332 | 12,265 |
| Yoy | 30.9\% | -0.9\% | 36.0\% | 51.2\% | 89.9\% | 116.8\% | 119.3\% | 70.7\% | 67.9\% | 78.8\% |
| Operating profit margin | 3.1\% | 2.8\% | 3.2\% | 4.2\% | 4.1\% | 4.4\% | 5.1\% | 5.5\% | 5.1\% | 5.8\% |
| Recuring profit | 3,665 | 3,665 | 3,853 | 4,350 | 4,531 | 7,514 | 7,829 | 9,218 | 10,926 | 11,280 |
| ${ }_{\text {Net profit }} \begin{aligned} & \text { YoY } \\ & \text { Recuring profit margin }\end{aligned}$ | 75.9\% | 36.6\% | 49.9\% | 38.7\% | 105.0\% | 103.2\% | 111.9\% | 141.1\% | 50.1\% | 58.7\% |
|  | 2.9\% | 2.9\% | 3.1\% | 2.9\% | 4.2\% | 4.2\% | 4.7\% | 5.3\% | 4.7\% | 4.9\% |
|  | 2,492 | 2,492 | 2,645 | 3,001 | 2,737 | 6,255 | 5,733 | 5,834 | 7,976 | 7,857 |
| Yoy | 104.1\% | 44.5\% | 88.5\% | 176.7\% | 151.0\% | 116.7\% | 94.4\% | 191.4\% | 25.6\% | 56.4\% |
| Net profit margin | 2.0\% | 2.0\% | 2.2\% | 1.7\% | 3.5\% | 3.1\% | 3.0\% | 3.9\% | 3.3\% | 3.6\% |

Source: Prepared by Global IR, Inc. based on company data
Note: Rounded under JPY mn. Rounded to one dicimal place. Caluculated by Global IR, Inc.

## Integrity E Sustainability

| Figure 3: Quarterly Business Segment Trends |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

Source: Prepared by Global IR, Inc. based on company data
Note: Rounded under JPY mn. Rounded to one dicimal place.

## Integrity \& Sustainability



Source: Prepared by Global IR, Inc. based on company data
Note: Rounded under JPY mn. Rounded to one dicimal place. Caluculated by Global IR, Inc.

## Integrity \& Sustainability



Source: Prepared by Global IR, Inc. based on company data
Note: CE=Company Estimate. Rounded under JPY mn. Rounded to one dicimal place. Caluculated by Global IR, Inc.

## Integrity $\mathcal{E}$ Sustainability

| Figure 6. Medium-term Management Plan and Long-term Targets |  |  |  |  | Unit: JPY mn, \% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY3/2021 <br> Actual | FY3/2022 <br> Actual | FY3/2023 <br> CE | FY3/2023 <br> Mid-term target | Changes CAGR FY3/2022 - FY3/2025 | FY3/2031 <br> Long-term goal |
| Sales | 553,962 | 761,823 | 970,000 | 970,000 | 208,177 8.4\% | 1,300,000 |
| Semiconductor Business | 481,125 | 678,601 | 874,825 | 835,000 | 156,399 7.2\% | 910,000 |
| Sales Composition | 86.9\% | 89.1\% | 90.2\% | 86.1\% |  | 70.0\% |
| Network Business | 72,836 | 83,220 | 95,175 | 119,000 | 35,780 12.7\% | 260,000 |
| Sales Composition | 13.1\% | 10.9\% | 9.8\% | 12.3\% |  | 20.0\% |
| (Service and Solution Business) | 1,000 | 4,000 |  | 16,000 | 12,000 58.7\% | 130,000 |
| Sales composition | 0.2\% | 0.5\% |  | 1.6\% |  | 10.0\% |
| Domestic Sales | 267,114 | 361,450 |  | 436,500 |  |  |
| Domestic sales ratio | 48.2\% | 47.4\% |  | 45.0\% |  |  |
| Overseas sales | 286,848 | 400,373 |  | 533,500 |  |  |
| Overseas sales ratio | 51.8\% | 52.6\% |  | 55.0\% |  |  |
| Operating profit | 18,769 | 36,707 | 51,000 | 48,000 | 11,293 9.4\% | 100,000 |
| Operating profit margin | 3.4\% | 4.8\% | 5.3\% | 4.9\% |  | 7.7\% |
| Semiconductor Business | 9,658 | 27,499 |  | 33,000 | 5,501 6.3\% | 39,000 |
| Operating profit margin | 2.0\% | 4.1\% |  | 4.0\% |  | 4.3\% |
| Network Business | 8,879 | 9,082 |  | 14,000 | 4,918 $\quad 15.5 \%$ | 31,000 |
| Operating profit margin | 12.2\% | 10.9\% |  | 11.8\% |  | 11.9\% |
| (Service and Solution Business) | -1,100 | -2,000 |  | 1,000 | 3,000 | 30,000 |
| Operating profit margin | - | - |  | 6.3\% |  | 23.1\% |
| Corporate and elimination | 232 | 126 |  | 0.0 |  | 0.0 |
| Net profit attributable to owners of the parent | 10,875 | 25,798 | 31,500 | 30,000 | 4,202 5.2\% |  |
| Net profit margin | 2.0\% | 3.4\% | 3.2\% | 3.1\% |  |  |
| ROE | 7.9\% | 15.2\% |  | 15.0\% |  | 15.0\% |
| Working capital turnover | 3.4 | 3.2 |  | 3.8 |  |  |
| DOE <br> (actual is dividend payout ratio) | $\begin{array}{r} 2.3 \% \\ 28.5 \% \end{array}$ | $\begin{array}{r} 4.0 \% \\ 24.1 \% \end{array}$ |  | $\begin{array}{r} 4.0 \% \\ 30-50 \% \end{array}$ |  |  |

Source: Prepared by Global IR, Inc. based on company data
Note: CE=Company Estimate. Rounded under JPY mn. Rounded to one dicimal place. Caluculated by Global IR, Inc.
Actual results and FY03/2023 forecast for Services and Solutions are included in the Semiconductor and Network businesses, but the target is a separate figure. Figures in light (FY03/2025 domestic and overseas sales forecast and long-term target breakdown) are GIR estimates based on interviews with the company.

## Integrity $\mathcal{E}$ Sustainability

Financial Data (Consolidated, Full year)

| Statements of Income |  |  |  |  |  |  | (JPY mn) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Accounting period | FY3/2017 | FY03/2018 | FY03/2019 | FY03/2020 | FY03/2021 | FY03/2022 | FY03/2023 CE |
| Accounting Standard | Japanese GAAP |  |  |  |  |  |  |
| Net sales | 398,503 | 504,085 | 524,235 | 521,193 | 553,962 | 761,823 | 970,000 |
| YoY | -1.7\% | 26.5\% | 4.0\% | -0.6\% | 6.3\% | 37.5\% | 27.3\% |
| Gross profit | 46,269 | 56,094 | 61,061 | 59,891 | 64,835 | 90,718 | 113,430 |
| Yoy | 4.5\% | 21.2\% | 8.9\% | -1.9\% | 8.3\% | 39.9\% | 25.0\% |
| Gross profit margin | 11.6\% | 11.1\% | 11.6\% | 11.5\% | 11.7\% | 11.9\% | 11.7\% |
| Operating profit | 10,473 | 15,163 | 15,324 | 14,447 | 18,769 | 36,707 | 51,000 |
| YoY | 7.6\% | 44.8\% | 1.1\% | -5.7\% | 29.9\% | 95.6\% | 38.9\% |
| Operating profit margin | 2.6\% | 3.0\% | 2.9\% | 2.8\% | 3.4\% | 4.8\% | 5.3\% |
| Recurring profit | 9,635 | 14,937 | 13,101 | 11,072 | 16,399 | 35,487 | 45,000 |
| YoY | -5.3\% | 55.0\% | -12.3\% | -15.5\% | 48.1\% | 116.4\% | 26.8\% |
| Net profit | 6,534 | 11,412 | 8,883 | 5,633 | 10,875 | 25,798 | 31,500 |
| YoY | -10.3\% | 74.7\% | -22.2\% | -36.6\% | 93.1\% | 137.2\% | 22.1\% |
| Net profit margin | 1.6\% | 2.3\% | 1.7\% | 1.1\% | 2.0\% | 3.4\% | 3.2\% |
| Per Share Data (Yen) |  |  |  |  |  |  |  |
| Accounting period | FY3/2017 | FY03/2018 | FY03/2019 | FY03/2020 | FY03/2021 | FY03/2022 | FY03/2023 CE |
| Total number of shares issued and outstanding (thousand shares) | 58,793 | 62,813 | 62,813 | 63,031 | 63,031 | 63,031 |  |
| EPS | 114.3 | 206.1 | 142.0 | 90.1 | 175.4 | 414.9 | 505.88 |
| EPS Adjusted | 114.0 | - | - | - | - | - | - |
| BPS | 1,879 | 2,010 | 2,116 | 2,142 | 2,290 | 2,735 | - |
| DPS | 35.0 | 50.0 | 50.0 | 50.0 | 50.0 | 100.0 | 130.0 |

Source: Prepared by Global IR, Inc. based on company securities reports
Note: CE=Company Estimate. Rounded under JPY mn. Rounded to one dicimal place. Caluculated by Global IR, Inc.

## Integrity \& Sustainability

| Appendix |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Figure 7. Financial Data (Consolidated, Full year, Japanese GAAP) Unit |  |  |  |  |  |  |  |  |  |  |  |  |
| Profit and loss statement | FY02/2014 <br> Fuji Elec | FY02/2015 <br> Fuji Elec | FY03/2014 Macnica | FY02/2015 Macnica | FY03/2016 | FY03/2017 | FY03/2018 | FY03/2019 <br> nsolidated | FY03/2020 | FY03/2021 | FY03/2022 | $\begin{gathered} \text { FY03/2023 } \\ \text { CE } \end{gathered}$ |
| Sales | 47,387 | 57,331 | 255,967 | 284,673 | 405,315 | 398,503 | 504,085 | 524,235 | 521,193 | 553,962 | 761,823 | 970,000 |
| YoY | - | 21.0\% | 346.5\% | 11.2\% | 42.4\% | -1.7\% | 26.5\% | 4.0\% | -0.6\% | 6.3\% | 37.5\% | 27.3\% |
| Gross profit | 6,617 | 7,382 | 33,744 | 36,182 | 44,287 | 46,269 | 56,094 | 61,061 | 59,891 | 64,835 | 90,718 | 113,430 |
| Yoy | - | 11.6\% | 357.1\% | 7.2\% | 22.4\% | 4.5\% | 21.2\% | 8.9\% | -1.9\% | 8.3\% | 39.9\% | 25.0\% |
| Gross profit margin | 14.0\% | 12.9\% | 13.2\% | 12.7\% | 10.9\% | 11.6\% | 11.1\% | 11.6\% | 11.5\% | 11.7\% | 11.9\% | 11.7\% |
| Operating profit | 1,148 | 1,820 | 8,456 | 9,195 | 9,729 | 10,473 | 15,163 | 15,324 | 14,447 | 18,769 | 36,707 | 51,000 |
| Yoy | - | 58.6\% | 364.5\% | 8.7\% | 5.8\% | 7.6\% | 44.8\% | 1.1\% | -5.7\% | 29.9\% | 95.6\% | 38.9\% |
| Operating profit margin | 2.4\% | 3.2\% | 3.3\% | 3.2\% | 2.4\% | 2.6\% | 3.0\% | 2.9\% | 2.8\% | 3.4\% | 4.8\% | 5.3\% |
| Recurring profit | 2,028 | 2,539 | 10,603 | 7,200 | 10,176 | 9,635 | 14,937 | 13,101 | 11,072 | 16,399 | 35,487 | 45,000 |
| Yoy | - | 25.2\% | 317.6\% | -32.1\% | 41.3\% | -5.3\% | 55.0\% | -12.3\% | -15.5\% | 48.1\% | 116.4\% | 26.8\% |
| Recurring profit margin | 4.3\% | 4.4\% | 4.1\% | 2.5\% | 2.5\% | 2.4\% | 3.0\% | 2.5\% | 2.1\% | 3.0\% | 4.7\% | 4.6\% |
| Net profit | 1,463 | 1,618 | 6,382 | 4,018 | 7,285 | 6,534 | 11,412 | 8,883 | 5,633 | 10,875 | 25,798 | 31,500 |
| Yoy |  | 10.5\% | 294.5\% | -37.0\% | 81.3\% | -10.3\% | 74.7\% | -22.2\% | -36.6\% | 93.1\% | 137.2\% | 22.1\% |
| Net profit margin | 3.1\% | 2.8\% | 2.5\% | 1.4\% | 1.8\% | 1.6\% | 2.3\% | 1.7\% | 1.1\% | 2.0\% | 3.4\% | 3.2\% |
| Per Share Data (Yen, adjusted for stock split) |  |  |  |  |  |  |  |  |  |  |  |  |
| \# of shares issued and outstanding at FY -end | 16,321 | 16,321 | 18,110 | 17,732 | 58,793 | 58,793 | 62,813 | 62,813 | 63,031 | 63,031 | 63,031 |  |
| Number of treasury stock (000) | 2,311 | 2,310 | 378 | - | 306 | 3,982 | 318 | 248 | 1,348 | 930 | 815 |  |
| EPS | 104.5 | 115.5 | 360.4 | 226.6 | 124.7 | 114.3 | 206.1 | 142.0 | 90.1 | 175.4 | 414.9 | 505.9 |
| EPS (Diluted) | - |  | 359.2 | 225.4 | - | 114.0 | - | - | - | - | - |  |
| DPS | 50.0 | 50.0 | 60.0 | 60.0 | 40.0 | 35.0 | 50.0 | 50.0 | 50.0 | 50.0 | 100.0 | 130.0 |
| BPS | 1,664 | 1,737 | 4,160 | 4,549 | 1,811 | 1,879 | 2,010 | 2,116 | 2,142 | 2,290 | 2,735 |  |
| Balance Sheet |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash, deposits and marketable securities | 9,363 | 8,809 | 18,637 | 13,473 | 20,847 | 15,552 | 28,789 | 14,217 | 14,715 | 25,443 | 25,174 |  |
| Total current assets | 33,348 | 37,089 | 125,696 | 142,697 | 186,895 | 200,543 | 251,399 | 276,885 | 236,384 | 243,400 | 335,032 |  |
| Property, plant and equipment | 68 | 64 | 7,558 | 6,497 | 6,530 | 6,626 | 6,807 | 7,530 | 7,501 | 7,449 | 7,951 |  |
| Total investments and other assets | 2,984 | 1,708 | 4,599 | 4,594 | 6,296 | 6,391 | 6,113 | 12,328 | 17,029 | 15,314 | 10,454 |  |
| Intangible fixed assets | 54 | 66 | 1,861 | 1,662 | 1,448 | 1,597 | 2,821 | 2,515 | 2,332 | 3,426 | 9,145 |  |
| Total assets | 36,454 | 38,926 | 139,715 | 155,451 | 201,171 | 215,158 | 267,142 | 299,259 | 263,247 | 269,590 | 362,584 |  |
| Short-term interest-bearing debt | 4,447 | 4,045 | 10,603 | 9,997 | 16,155 | 23,654 | 51,744 | 77,237 | 49,468 | 23,032 | 44,695 |  |
| Total current liabilities | 9,404 | 10,371 | 59,971 | 63,775 | 79,414 | 99,535 | 125,197 | 149,540 | 116,987 | 108,351 | 161,249 |  |
| Long-term interest-bearing debt | 2,605 | 2,980 | 377 | 4,743 | 7,068 | 3,892 | 6,518 | 7,448 | 4,493 | 9,015 | 14,463 |  |
| Total long-term liabilities | 3,697 | 4,172 | 4,488 | 9,229 | 14,136 | 10,854 | 13,731 | 14,319 | 10,707 | 15,229 | 21,570 |  |
| Total liabilities | 13,101 | 14,543 | 64,459 | 73,004 | 93,551 | 110,389 | 138,928 | 163,860 | 127,695 | 123,580 | 182,819 |  |
| Net worth | 23,317 | 24,340 | 73,774 | 80,660 | 105,891 | 102,969 | 125,609 | 132,385 | 132,099 | 142,183 | 170,131 |  |
| Total net assets | 23,353 | 24,384 | 75,255 | 82,446 | 107,620 | 104,769 | 128,210 | 135,399 | 135,551 | 146,010 | 179,762 |  |
| Total liabilities and net assets | 36,454 | 38,926 | 139,715 | 155,451 | 201,171 | 215,158 | 267,142 | 299,259 | 263,247 | 269,590 | 362,584 |  |
| Interest-bearing debt (short-term and long-term) | 7,052 | 7,025 | 10,980 | 14,740 | 23,223 | 27,546 | 58,262 | 84,685 | 53,961 | 32,047 | 59,158 |  |
| Statements of Cash Flows |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash flows from operating activities | -2,568 | -2,123 | 3,987 | -8,239 | -1,208 | 3,169 | -28,595 | -30,173 | 45,770 | 38,076 | -15,534 |  |
| Cash flows from investing activities | -548 | 2,397 | -1,501 | -261 | -1,460 | -1,083 | -1,804 | -7,251 | -8,919 | -2,181 | -1,653 |  |
| Cash flows from financing activities | -619 | -944 | -1,421 | 2,049 | 2,942 | -8,322 | 43,699 | 21,916 | -35,797 | $-26,189$ | 14,368 |  |
| Financial index |  |  |  |  |  |  |  |  |  |  |  |  |
| Return on Assets (ROA) | 5.8\% | 6.7\% | 8.3\% | 4.9\% | 5.1\% | 4.6\% | 6.2\% | 4.6\% | 3.9\% | 6.2\% | 11.2\% |  |
| Return on Equity (ROE) | 6.4\% | 6.8\% | 9.1\% | 5.2\% | 6.9\% | 6.3\% | 10.0\% | 6.9\% | 4.3\% | 7.9\% | 16.5\% |  |
| Capital adequacy ratio | 64.0\% | 62.5\% | 52.8\% | 51.9\% | 52.6\% | 47.9\% | 47.0\% | 44.2\% | 50.2\% | 52.7\% | 46.9\% |  |
| Total Assets Turnover | 260.0\% | 152.1\% | 286.6\% | 192.9\% | 227.3\% | 191.4\% | 209.0\% | 185.1\% | 185.3\% | 207.9\% | 241.0\% |  |
| Net Income Ratio | 3.1\% | 2.8\% | 2.5\% | 1.4\% | 1.8\% | 1.6\% | 2.3\% | 1.7\% | 1.1\% | 2.0\% | 3.4\% |  |
| Working capital turnover (x) | 2.8 | 2.8 | 3.9 | 3.4 | 3.5 | 3.1 | 3.0 | 2.7 | 3.0 | 3.4 | 3.2 |  |
| Employee Indicators |  |  |  |  |  |  |  |  |  |  |  |  |
| Number of employees (persons) | 414 |  | 1,827 |  | 2,555 | 2,711 | 3,114 | 3,363 | 3,453 | 3,513 | 3,925 |  |
| Number of temporary employees (annual average, persons) |  |  | 200 |  | 284 | 313 | 316 | 346 | 381 | 384 | 426 |  |
| Net sales per employee (JPY mn) |  |  |  |  |  | 135 | 156 | 146 | 138 | 143 | 184 |  |
| Operating income per employee (JPYmn) |  |  |  |  |  | 3.6 | 4.7 | 4.3 | 3.8 | 4.9 | 8.9 |  |

Source: Prepared by Global IR, Inc. based on company data
Note: CE=Company Estimate. Rounded under JPY mn. Rounded to one dicimal place. Caluculated by Global IR, Inc.

## Integrity \& Sustainability

| Figure 8 Selling, general and administrative expenses |  |  |  |  |  |  |  |  |  |  | Unit: JPY mn, \% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY02/2014 FY02/2015 FY03/2014 FY02/2015 FY03/2016 FY03/2017 FY03/2018 FY03/2019 FY03/2020 FY03/2021 FY03/2022 FY03/2023 |  |  |  |  |  |  |  |  |  |  |  |
| SG\&A | 5,469 | 5,562 | 25,288 | 26,986 | 34,558 | 35,796 | 40,931 | 45,737 | 45,444 | 46,066 | 54,010 | 62,430 |
| Selling expenses |  |  |  |  | 551 | 585 | 860 | 1,362 | 1,343 | 1,187 | 1,451 | 1,370 |
| Personnel expenses |  |  |  |  | 21,494 | 22,523 | 25,855 | 28,438 | 27,665 | 30,856 | 35,596 | 41,380 |
| Depreciation and amortization |  |  |  |  | 822 | 918 | 1,109 | 1,301 | 1,542 | 1,567 | 2,397 | 3,070 |
| Development cost |  |  |  |  | 34 | 157 | 279 | 407 | 403 | 281 | 333 | 320 |
| Other |  |  |  |  | 11,657 | 11,613 | 12,828 | 14,229 | 14,491 | 12,175 | 14,233 | 16,290 |

Source: Prepared by Global IR, Inc. based on company data
Note: CE=Company Estimate. Rounded under JPY mn. Rounded to one dicimal place. Caluculated by Global IR, Inc.

## Disclaimer

This report has been prepared by Global IR, Inc. (GIR) under a contractual arrangement with the company described in this report ("the company"). The report is provided for informational purposes only. It is not intended to solicit or recommend investment in the company's securities. While the information and views contained in this report have been obtained from sources that GIR believes to be reliable, or created on the basis of publicly available information, no guarantee is offered with regard to their accuracy or completeness. Our analysis is in any case provided with an emphasis on accuracy and objectivity and pays the utmost attention to neutrality and independence. In addition, based on discussions with the relevant business owners, and others, and original on research, perspectives that we consider important to investors have been provided, on the basis that they are GIR's own opinions. GIR is not responsible for any loss or damage resulting from the use of this report. Investment decisions in the relevant corporate stock are at the reader's own judgment and responsibility.

