## SHARP

## Consolidated Financial Results for the Third Quarter Fiscal 2014

# I. Financial Results for 3Q Fiscal 2014 <br> II. Financial Results Forecast for Fiscal 2014 <br> III. Information by Product Group <br> IV. Supplementary Data 

## SHARP CORPORATION

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> Forward-Looking Statements
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> (5) The progress of collaborations and alliances with other companies
> (6) Litigation and other legal proceedings against Sharp
> (7) Rapid technological changes in products and services, etc.

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## I. Financial Results for 3Q Fiscal 2014

## Financial Results for 3Q Fiscal 2014

- Significant profit decline for the FY2014 3Q (Oct.-Dec.) due to price competition in the small- and medium-size LCDs and other device businesses, and to the absence of transient factors* in the same period last year.
- Negative net income due to allowance for additional tax by China transfer pricing taxation.

*Profit on sales of project assets of US solar project developer subsidiary and engineering income in LCD business


## Other Income (Expenses)

|  |  |  | (Billions of Yen) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2013 |  | FY2014 |  |  |  |  |  |
|  | 3Q | 1Q to 3Q Accumulate d Total | 1 Q | 2Q | 3Q | Difference ( $\mathbf{Y}$ on $\mathbf{Y}$ ) | $\begin{aligned} & \text { 1Q to } 3 \mathrm{Q} \\ & \text { Accumulate } \\ & \text { d Total } \end{aligned}$ | Difference ( $\mathbf{Y}$ on $\mathbf{Y}$ ) |
| Operating Income | 47.6 | 81.4 | 4.6 | 24.5 | 22.0 | -25.6 | 51.2 | -30.2 |
| Other Income (Expenses) | -15.0 | -44.0 | -6.0 | -9.5 | -19.6 | -4.6 | -35.2 | +8.8 |
| Equity in earnings of affiliates | +1.0 | +1.0 | +2.3 | +1.6 | +0.6 | -0.3 | +4.7 | +3.6 |
| Gain on sales of investment securities | +0.0 | +1.6 | +0.1 | +5.7 | $+5.7$ | +5.7 | +11.6 | +10.0 |
| Reversal of provision for loss on litigation | - | - | +19.2 | - | - | - | +19.2 | +19.2 |
| Interest expense | -5.8 | -14.8 | -6.0 | -5.7 | -5.6 | +0.2 | -17.4 | -2.5 |
| Impairment loss | - | - | -0.8 | -1.6 | -1.9 | -1.9 | -4.4 | -4.4 |
| Restructuring charges | - | - | - | -5.7 | -8.9 | -8.9 | -14.6 | -14.6 |
| Settlement | - | - | -14.3 | - | - | - | -14.3 | -14.3 |
| Income Taxes, etc. | -10.5 | -19.6 | -0.4 | -8.4 | -14.2 | -3.7 | -23.1 | -3.5 |
| Net Income | 22.0 | 17.7 | -1.7 | 6.5 | -11.9 | -33.9 | -7.1 | -24.8 |

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## Consolidated Balance Sheets

- Cash and time deposits at the end of Dec. 2014 decreased 37.6 billion yen due to increased inventories.
- The equity ratio increased from $10.6 \%$ at the end of Sep. 2014 to $\mathbf{1 0 . 8 \%}$.

|  | FY2013 | FY2014 |  |
| :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { End of Mar. } \\ 2014 \\ \hline \end{gathered}$ | End of Sep. 2014 | $\begin{gathered} \text { End of Dec. } \\ 2014 \\ \hline \end{gathered}$ |
| Cash, time deposits and restricted cash | 379.5 | 291.4 | 253.8 |
| Notes and accounts receivable | 568.8 | 614.9 | 679.3 |
| Inventories | 295.1 | 307.5 | 371.5 |
| Other current assets | 130.6 | 126.0 | 118.0 |
| Current Assets | 1,374.2 | 1,339.9 | 1,422.7 |
| Plant and Equipment | 519.7 | 512.4 | 498.3 |
| Investments and Other Asset | 287.5 | 286.5 | 287.5 |
| Deferred Assets | 0.1 | 0.0 | 0.0 |
| Total assets | 2,181.6 | 2,139.0 | 2,208.6 |


|  |  | (Billions of Yen) |  |
| :---: | :---: | :---: | :---: |
|  | FY2013 | FY2014 |  |
|  | $\begin{aligned} & \text { End of Mar. } \\ & 2014 \end{aligned}$ | $\begin{gathered} \text { End of Sep. } \\ 2014 \end{gathered}$ | End of Dec. 2014 |
| Short-term borrowings | 793.1 | 717.9 | 726.6 |
| Notes and accounts payable | 409.9 | 466.3 | 500.7 |
| Other current liabilities | 348.5 | 328.4 | 341.7 |
| Current Liabilities | 1,551.6 | 1,512.7 | 1,569.1 |
| Long-term Liabilities | 422.8 | 387.0 | 387.5 |
| Liabilities | 1,974.5 | 1,899.7 | 1,956.6 |
| Net Assets | 207.1 | 239.2 | 252.0 |
| Total liabilities and net assets | 2,181.6 | 2,139.0 | 2,208.6 |
| Equity Ratio | 8.9\% | 10.6\% | 10.8\% |

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## Transition of Interest-bearing Debt



## Financial Results Forecast for Fiscal 2014

- Review of financial results forecast due to channel inventory adjustments, increased competition, falling prices, and worsened model mix in LCD TVs and small- and medium-size LCDs for Chinese smartphones.
- Net result has been revised to 30 billion yen loss due mainly to allowance for additional tax by China transfer pricing taxation in addition to a review of operating income.

| (Billions of Yen) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | FY2014 |  |  |  |
|  | Previous Full Year Forecast | Revised Full Year Forecast | Difference | Details |
| Net sales | 2,900.0 | 2,900.0 | 0.0 | - |
| Operating Income | 100.0 | 50.0 | -50.0 | - Domestic profitability of the Product Business is worsening. <br> - Worsened model mix of small- and medium-size LCDs |
| Other Income (Expenses) | -50.0 | -50.0 | 0.0 |  |
| Income Taxes, etc. | -20.0 | -30.0 | -10.0 | - Additional tax by China transfer pricing taxation, etc. |
| Net Income | 30.0 | -30.0 | -60.0 | - |

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## Breakdown of Operating Income by Factors (Previous FY2014 Forecast/Revised Forecast)



| Sales by Product Group |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product Business |  |  |  |  |  |  |  |  |  |  |  |
|  | FY2014 |  |  |  |  |  |  |  |  | Corrected Amount | FY2014 |
|  | 1H | 3Q | Change <br> (Y on Y) | $1 Q$ to $3 Q$ Accumulated Total | Change ( Y on Y ) | Revised 4Q <br> Forecast | Change (Y on Y) | Revised Full Year Forecast | Change ( Y on Y ) |  | (10/31) <br> Previous Full Year Forecast |
| (c\|c| $\begin{gathered}\text { Digital } \\ \text { Information } \\ \text { Equipment } \\ \end{gathered}$ | 220.5 | 122.6 | -11.2\% | 343.2 | -5.9\% | 106.7 | -11.6\% | 450.0 | -7.3\% | -20.0 | 470.0 |
| Communications | 112.1 | 72.0 | -8.4\% | 184.2 | -1.3\% | 55.7 | -8.7\% | 240.0 | -3.1\% | $0.0$ | 240.0 |
| Digital <br> Information <br> Equipment | 332.7 | 194.7 | $-10.2 \%$ | $527.5$ | $-4.4 \%$ | 162.4 | -10.6\% | 690.0 | -5.9\% | $-20.0$ | 710.0 |
| Health and Environmental Equipment | 162.8 | 77.6 | -5.4\% | 240.5 | -0.6\% | 89.4 | +5.4\% | 330.0 | +1.0\% | -10.0 | 340.0 |
| Energy Solutions | 142.9 | 53.6 | -50.6\% | 196.6 | -29.0\% | 83.3 | -48.6\% | 280.0 | -36.2\% | -10.0 | 290.0 |
| Business Solutions | 164.5 | 85.1 | $+10.5 \%$ | 249.7 | +6.0\% | 90.2 | +8.3\% | 340.0 | +6.6\% | $0.0$ | 340.0 |
| Product Business | 803.1 | 411.3 | -15.1\% | 1,214.4 | -7.0\% | 425.5 | -16.9\% | 1,640.0 | -9.8\% | $-40.0$ | 1,680.0 |
| SHARP *Sales of each product group include internal sales between segments (Product Business / Device Business) |  |  |  |  |  |  |  |  |  |  |  |

Sales by Product Group

| Device Business/Total |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2014 |  |  |  |  |  |  |  |  | Corrected Amount | $\begin{array}{\|l\|} \hline \text { FY2014 } \\ \hline \text { (10/31) } \\ \text { Previous } \\ \text { Full Year } \\ \text { Forecast } \\ \hline \end{array}$ |
|  | 1H | 3Q | Change ( Y on Y ) | $\begin{array}{\|c\|} \hline \text { Accamulated } \\ \text { Total } \\ \hline \end{array}$ | Change (Y on Y) | Revised 4Q <br> Forecast | $\begin{aligned} & \text { Change } \\ & \text { (Y on Y) } \end{aligned}$ | Revised <br> Full Year <br> Forecast | Change ( Y on Y ) |  |  |
| LCDs | 460.9 | 238.0 | -14.2\% | 698.9 | -7.6\% | 271.0 | +15.3\% | 970.0 | -2.1\% | -30.0 | 1,000.0 |
| Electronic Devices | 149.7 | 156.1 | +46.7\% | 305.9 | +20.3\% | 134.0 | +86.0\% | 440.0 | +34.8\% | +20.0 | 420.0 |
| Device Business | 610.7 | 394.2 | +2.7\% | 1,004.9 | -0.5\% | 405.0 | +31.9\% | 1,410.0 | +7.0\% | -10.0 | 1,420.0 |
| Sub Total | 1,413.8 | 805.5 | -7.3\% | 2,219.3 | -4.2\% | 830.6 | +1.4\% | 3,050.0 | -2.7\% | -50.0 | 3,100.0 |
| Adjustments | -86.1 | -42.7 |  | -128.9 |  | -21.0 |  | -150.0 |  | +50.0 | -200.0 |
| Total | 1,327.6 | 762.7 | -6.4\% | 2,090.4 | -3.1\% | 809.5 | +5.2\% | 2,900.0 | -0.9\% | 0.0 | 2,900.0 |

*Sales of each product group include internal sales between segments (Product Business / Device Business)

# Operating Income by Product Group 


*Figures within parentheses indicate operating income margin.
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Operating Income by Product Group

| Device Business/Total |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2014 |  |  |  |  |  |  |  |  | Corrected Amount | FY2014 |
|  | 1H | 3Q | Change <br> ( Y on Y ) | $\underset{\text { Accumulated }}{1 Q \text { to } 3 \mathrm{Q}}$ | Change $(\mathrm{Y} \text { on } \mathrm{Y})$ | $\begin{aligned} & \text { Revised } \\ & 4 Q \\ & \text { Forecast } \end{aligned}$ | Change <br> (Y on Y) | Revised Full Year Forecast | Change (Y on Y) |  | (10/31) <br> Previous <br> Full Year <br> Forecast |
| LCDs | 20.8 $(4.5 \%)$ | 11.4 $(4.8 \%)$ | -55.9\% | 32.2 $(4.6 \%)$ | -6.9\% | 7.7 $(2.8 \%)$ | +11.7\% | $40.0$ | -3.8\% | -15.0 | $\begin{array}{r} 55.0 \\ (5.5 \%) \end{array}$ |
| Electronic Devices | $\begin{array}{r} \mathbf{- 2 . 4} \\ (-1.6 \%) \end{array}$ | $\begin{array}{r} \mathbf{2 . 6} \\ (1.7 \%) \end{array}$ | -37.5\% | 0.1 $(0.1 \%)$ | -98.3\% | 2.8 $(2.1 \%)$ |  | 3.0 $(0.7 \%)$ | -8.1\% | 0.0 | $\begin{array}{r} 3.0 \\ (0.7 \%) \end{array}$ |
| Device Business | $\begin{array}{r} \mathbf{1 8 . 3} \\ (3.0 \%) \end{array}$ | $\begin{array}{r} 14.1 \\ (3.6 \%) \end{array}$ | -53.3\% | $\begin{array}{r} \mathbf{3 2 . 4} \\ (3.2 \%) \end{array}$ | -26.5\% | $\begin{array}{r} 10.5 \\ (2.6 \%) \end{array}$ | 14.8-fold | $\begin{array}{r} 43.0 \\ (3.0 \%) \end{array}$ | -4.1\% | -15.0 | $\begin{array}{r} 58.0 \\ (4.1 \%) \end{array}$ |
| Sub Total | $\begin{array}{r} 49.2 \\ (3.5 \%) \end{array}$ | $\begin{array}{r} \mathbf{2 9 . 1} \\ (3.6 \%) \end{array}$ | -48.4\% | $\begin{array}{r} \mathbf{7 8 . 4} \\ (3.5 \%) \end{array}$ | -26.5\% | $\begin{array}{r} 9.5 \\ (1.2 \%) \end{array}$ | -72.5\% | $\begin{array}{r} \mathbf{8 8 . 0} \\ (2.9 \%) \end{array}$ | -37.9\% | -42.0 | $\begin{array}{r} 130.0 \\ (4.2 \%) \end{array}$ |
| Adjustments | -20.0 | -7.1 |  | -27.1 |  | -10.8 |  | -38.0 |  | -8.0 | -30.0 |
| Total | $\mathbf{2 9 . 2}$ $(2.2 \%)$ | $\mathbf{2 2 . 0}$ $(2.9 \%)$ | -53.8\% | $\begin{array}{r} \mathbf{5 1 . 2} \\ (2.5 \%) \end{array}$ | -37.1\% | $\mathbf{- 1 . 2}$ $(-0.2 \%)$ |  | 50.0 $(1.7 \%)$ | -53.9\% | -50.0 | $\begin{array}{r} 100.0 \\ (3.4 \% \end{array}$ |

*Figures within parentheses indicate operating income margin.
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| <Digital Information Equipment (LCD TVs)> <br> Factors in Deterioration of Performance and Future Policies |  |
| :---: | :---: |
| Deterioration factors |  |
| Market downturn and intensifying competition in the main markets |  |
| $\checkmark$ Japan | :Delay in enhancing lineup and intensified price competition in large-size LCD TVs |
| $\checkmark$ North America <br> $\checkmark$ China | : Intensified price competition in large-size LCD TVs :Intensified price competition driven by increase in channel inventory, sluggish sales |
| Future policies |  |
| $\checkmark$ Japan | :Expand the lineup and strengthen cost competitiveness by revamping the value chain |
| $\checkmark$ North America | : Create high-value-added models including enhancement of 4 K lineup and commercialization of next-generation high-resolution models |
| $\checkmark$ China | : Reduce channel inventory and revamp the sales channels |
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## <Energy Solutions> <br> Factors in Deterioration of Performance and Future Policies Deterioration factors

$\checkmark$ Profitability reduction in the domestic business due to slow response to exchange rate fluctuations
$\checkmark$ A decrease in new home construction and slow demand for industrial-use

## Future policies

$\checkmark$ Reduce costs by streamlining the organizational structure and revamping the value chain
$\checkmark$ Globalize the energy solutions business
$\checkmark$ Keep up steady efforts in structural reform in Europe

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## Improving Profit Structure

- We have been implementing Medium-Term Management Plan initiatives to achieve the goals of "Recovery and Growth".
- Future business growth through existing measures is becoming increasingly difficult due to rapid changes in the business environment such as fluctuating market conditions and intensifying competition.
- To achieve recovery through maintaining a steady profit structure, we will establish a new Medium-Term Management Plan based on fundamental structure reform, which will be announced in May together with the FY2014 financial results.


## Fundamental structural reform

## LCD TVs and Energy Solutions

- Return to profit in the loss-making regions, channels, and categories
Cost reduction through re-establishment of supply chain
Reduce fixed costs, without exception, by streamlining the organizational structure and carrying out institutional reforms Establish new profit models by shifting management resources to new and growing markets


## III. Information by Product Group

Digital Information Equipment

*Sales of each product group include internal sales between segments (Product Business / Device Business)

## [ FY2014 3Q Results ]

- Japan: Profitability deterioration due to effect of market downturns and intensified price competition.
- North America: Increased price competition
- China: Increased price competition and slump in sales due to downturns in the market and excess channel inventory.
[ Future Initiatives ]
- Japan: Expand the lineup and strengthen cost competitiveness revamping the value chain
- North America: Create high-value added models including enhancement of 4 K lineup and commercialization of next-generation high-resolution models
- China: Reduce channel inventory and revamp the sales channels


## Communications

|  | (Billions of Yen) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2014 |  |  |  |  |  |  |  |  |  | FY2014 |
|  | 1Q | 2Q | 3Q | Change <br> ( Q on Q ) | Change (Y on Y) | 4Q | Change <br> ( Q on Q ) | Change ( Y on Y ) | Revised <br> Full Year <br> Forecast | Change (Y on Y) | (10/31) <br> Previous Full <br> Year Forecast |
| Sales | 66.6 | 45.5 | 72.0 | +58.4\% | -8.4\% | 55.7 | -22.7\% | -8.7\% | 240.0 | -3.1\% | 240.0 |
| Mobile Phones | 49.6 | 36.2 | 64.1 | +76.8\% | -7.4\% | 49.9 | -22.2\% | +2.2\% | 200.0 | -2.7\% | 200.0 |
| Operating Income (margin) | $\begin{array}{r} \mathbf{8 . 3} \\ (12.5 \%) \end{array}$ | $\begin{array}{r} \mathbf{- 0 . 7} \\ (-1.6 \%) \end{array}$ | $\begin{array}{r} \mathbf{8 . 2} \\ (11.5 \%) \end{array}$ | - | +62.2\% | $\begin{array}{r} \mathbf{- 1 . 8} \\ (-3.3 \%) \end{array}$ |  |  | $\begin{array}{r} 14.0 \\ (5.8 \%) \end{array}$ | 3.6-fold | $\begin{array}{r} 14.0 \\ (5.8 \%) \end{array}$ |

*Sales of each product group include internal sales between segments (Product Business / Device Business)

## [ FY2014 3Q Results ]

-Secure profits through launch of high-value added models and cost reductions.
[ Future Initiatives ]

- Expand sales of smartphones with special features to increase domestic market share and achieve further cost reduction.
- Create models with unique features distinguished from competitors such as next-generation mobile phones.


## Health and Environmental Equipment

|  | (Billions of Yen) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2014 |  |  |  |  |  |  |  |  |  | FY2014 <br> (10/31) <br> Previous Full <br> Year Forecast |
|  | 1Q | 2Q | 3Q | Change <br> ( Q on Q ) | Change $(\mathrm{Y} \text { on } \mathrm{Y})$ | 4Q | Change <br> ( Q on Q ) | Change <br> (Y on Y) | Revised <br> Full Year <br> Forecast | $\begin{gathered} \text { Change } \\ (\mathrm{Y} \text { on } \mathrm{Y}) \end{gathered}$ |  |
| Sales | 82.1 | 80.7 | 77.6 | -3.7\% | -5.4\% | 89.4 | +15.2\% | +5.4\% | 330.0 | +1.0\% | 340.0 |
| Operating Income (margin) | $\begin{array}{r} \mathbf{3 . 1} \\ (3.9 \%) \end{array}$ | $\begin{array}{r} 4.5 \\ (5.7 \%) \end{array}$ | $\begin{array}{r} 4.2 \\ (5.5 \%) \end{array}$ | -7.1\% | -25.1\% | $\begin{array}{r} \mathbf{5 . 9} \\ (6.7 \%) \end{array}$ | +40.3\% | +5.7\% | $\begin{array}{r} 18.0 \\ (5.5 \%) \end{array}$ | -14.4\% | $\begin{array}{r} 19.0 \\ (5.6 \%) \end{array}$ |

*Sales of each product group include internal sales between segments (Product Business / Device Business)

## [ FY2014 3Q Results ]

- Reduction in sales due to slow demand in the domestic white goods market.
- Decreased profitability due to slow response to exchange rate fluctuations.
[ Future Initiatives ]
- Create products that will stimulate demand and launch unique specialized products.
- Enhancement of sales structure and sale of products designed for specific regions such as new products that are energy-efficient and have excellent cooling performance to ASEAN countries.
- Japanese production of some high-value-added products.


## Energy Solutions


(Reference) *Sales of each product group include internal sales between segments (Product Business / Device Business)
Volume (Solar Cells)

$$
\begin{array}{lllllllllll}
(\mathrm{MW}) & 360 & 537 & 349 & -35.1 \% & -24.0 \% & 655 & 1.9 \text {-fold } & -11.1 \% & 1,900 & -9.5 \%
\end{array}
$$

[ FY2014 3Q Results ]

- Decline in sales from the overseas developer business and decline in sales from the residential-use and industrial-use businesses domestically.
- Operating income suffered a loss due to significant decrease in sales.
[ Future Initiatives ]
- Reduce fixed costs by streamlining the organizational structure and revamping the value chain.
- Globalize the energy solutions business


## Business Solutions

|  | (Billions of Yen) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2014 |  |  |  |  |  |  |  |  |  | FY2014 |
|  | 1Q | 2Q | 3Q | Change ( Q on Q ) | Change $(\mathrm{Y} \text { on } \mathrm{Y})$ | 4Q | Change <br> ( Q on Q ) | Change <br> (Y on Y) | Revised <br> Full Year <br> Forecast | Change $(\mathrm{Y} \text { on } \mathrm{Y})$ | (10/31) <br> Previous Full Year Forecast |
| Sales | 79.2 | 85.2 | 85.1 | -0.1\% | +10.5\% | 90.2 | +5.9\% | +8.3\% | 340.0 | +6.6\% | 340.0 |
| Operating Income (margin) | $\begin{array}{r} 7.7 \\ (9.8 \%) \end{array}$ | $\begin{array}{r} \mathbf{8 . 1} \\ (9.6 \%) \end{array}$ | $\begin{array}{r} \text { 7.6 } \\ (9.0 \%) \end{array}$ | -5.9\% | +25.2\% | $\begin{array}{r} \mathbf{6 . 3} \\ (7.1 \%) \end{array}$ | -16.8\% | -24.5\% | $\begin{array}{r} \mathbf{3 0 . 0} \\ (8.8 \%) \end{array}$ | -1.8\% | $\begin{array}{r} 30.0 \\ (8.8 \%) \end{array}$ |

*Sales of each product group include internal sales between segments (Product Business / Device Business)
[ FY2014 3Q Results ]

- Increased sales and profits due to robust sales of MFPs in overseas markets, in addition to growth of information display in Japan and overseas.
[ Future Initiatives ]
- Expand sales of high-speed MFPs in developed countries and strengthen sales of color MFPs in emerging countries.
- Expand convenience store print services and improve the menu selections.
- Enhance solution proposals focused on large-size displays.
- Develop new customers using work-style proposals that incorporate MFPs, displays, and tablets.


## LCDs


*Sales of each product group include internal sales between segments (Product Business / Device Business)

## [ FY2014 3Q Results ]

- Slow demand growth in the medium-size LCD market
- Increased channel inventory in the Chinese smartphone market
- Worsened model mix and decreased revenue and profit over FY2014 2Q.
- The ratio of small- and medium-size LCDs at Kameyama No. 2 Plant remains at 35\% in FY2014 3Q.
[ Future Initiatives ]
- Expand sales and develop new customers for medium-size LCDs
-Establish a competitive advantage in the Chinese market
- Optimize the mix of small- and medium-size / large-size LCD application


## Sales and Trends in LCDs for Smartphones

- Steady progress in sales amount and high-resolution shift.
- To increase sales, enhance the sales structure, create appealing products, and strengthen cost competitiveness.

Sales of LCDs for smartphones

- Expanded client base in China -


Composition ratio of sales of LCDs
for smartphones*

- Expanded high-value added
high-resolution LCD zone -


FY2013 Results FY2014
*Excluding the Kameyama No. 1 Plant

## Small- and Medium-size LCD Production Ratio at Kameyama No. 2 Plant

- With expected expansion in the small- and medium-size segments, the 2 Q (Jul.-Sep.) increased by $40 \%$ but the total average for the second half is forecasted to remain at $\mathbf{3 5 \%}$.
- Optimized application mix through development of new customers and expansion of sales for medium-size LCDs.


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FY2013 Results
FY2014

## Electronic Devices


*Sales of each product group include internal sales between segments (Product Business / Device Business)
[ FY2014 3Q Results ]

- Strong sales of camera modules for smartphones.
- Operating income maintains profitability due to increased sales.
[ Future Initiatives ]
- Stabilize profits and improve customer and model mix through the following initiatives.
- Expand sales of high-value-added devices (high-color rendering LEDs for small- and medium-size LCDs, touch panel solutions, proximity and illuminance sensors, etc.) by strengthening cooperation with the display device section.
- Expand customer base through codevelopment of camera modules for smartphones with Chinese smartphone manufacturers.
- Promote cost saving measures throughout the supply chain.


## Conclusion

# Taking the deteriorated financial performances seriously, we will work hard on a recovery with firm determination. 

IV. Supplementary Data

| Sales by Product Group |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product Business |  |  |  |  |  |  |  |  |  |  |
| (Billions of Yen) |  |  |  |  |  |  |  |  |  |  |
|  | FY2013 |  |  |  |  | FY2014 |  |  |  |  |
|  | 1 Q | 2Q | 3Q | 4Q | Full Year | 1 Q | 2Q | 3Q | $\begin{gathered} \text { Change } \\ \text { (Q on Q) } \end{gathered}$ | Change <br> (Y on Y) |
| Digital Information Equipment | 97.4 | 129.2 | 138.2 | 120.7 | 485.6 | 101.9 | 118.5 | 122.6 | +3.5\% | -11.2\% |
| Communications | 61.5 | 46.3 | 78.6 | 61.0 | 247.7 | 66.6 | 45.5 | 72.0 | +58.4\% | -8.4\% |
| Digital Information Equipment | 158.9 | 175.6 | 216.9 | 181.8 | 733.3 | 168.6 | 164.0 | 194.7 | +18.7\% | -10.2\% |
| Health and Environmental Equipment | 82.3 | 77.5 | 82.1 | 84.9 | 326.8 | 82.1 | 80.7 | 77.6 | -3.7\% | -5.4\% |
| Energy Solutions | 84.3 | 83.9 | 108.5 | 162.1 | 439.0 | 69.0 | 73.9 | 53.6 | -27.4\% | -50.6\% |
| Business Solutions | 77.6 | 80.7 | 77.1 | 83.3 | 318.8 | 79.2 | 85.2 | 85.1 | -0.1\% | +10.5\% |
| Product Business | 403.3 | 417.9 | 484.7 | 512.2 | 1,818.1 | 399.1 | 403.9 | 411.3 | +1.8\% | -15.1\% |
| SHARP * | *Sales of each product group include internal sales between segments (Product Business / Device Business) |  |  |  |  |  |  |  |  |  |

Sales by Product Group

| Device Business/Total |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | (Billi | ons of Yen) |
|  | FY2013 |  |  |  |  | FY2014 |  |  |  |  |
|  | 1Q | 2Q | 3Q | 4Q | Full Year | 1Q | 2Q | 3Q | Change ( Q on Q ) | $\begin{aligned} & \text { Change } \\ & \text { (Y on Y) } \end{aligned}$ |
| LCDs | 193.8 | 284.7 | 277.5 | 234.9 | 991.0 | 206.9 | 253.9 | 238.0 | -6.3\% | -14.2\% |
| Electronic Devices | 61.2 | 86.5 | 106.4 | 72.0 | 326.3 | 58.9 | 90.8 | 156.1 | +71.9\% | +46.7\% |
| Device Business | 255.0 | 371.3 | 384.0 | 307.0 | 1,317.4 | 265.9 | 344.7 | 394.2 | +14.3\% | +2.7\% |
| Sub Total | 658.3 | 789.2 | 868.7 | 819.2 | 3,135.6 | 665.0 | 748.7 | 805.5 | +7.6\% | -7.3\% |
| Adjustments | -50.4 | -55.1 | -53.4 | -49.3 | -208.4 | -45.3 | -40.8 | -42.7 | - |  |
| Total | 607.9 | 734.1 | 815.2 | 769.8 | 2,927.1 | 619.7 | 707.9 | 762.7 | +7.7\% | -6.4\% |

*Sales of each product group include internal sales between segments (Product Business / Device Business)

## Operating Income by Product Group

Product Business


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| Sales of Main Products |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | (Billions of Yen) |  |
|  | FY2013 |  |  |  |  | FY2014 |  |  |  |  |  |
|  | 1Q | 2Q | 3Q | 4Q | Full Year | 1Q | 2Q | 3Q | $\begin{gathered} \hline \text { Change } \\ (\mathrm{Y} \text { on } \mathrm{Y}) \\ \hline \end{gathered}$ | Full Year Forecast | Change <br> (Y on Y) |
| LCD TVs | 80.3 | 113.7 | 118.8 | 100.9 | 413.8 | 85.7 | 103.3 | 104.3 | -12.2\% | 380.0 | -8.2\% |
| Unit (million units) | 1.56 | 2.12 | 2.18 | 1.94 | 7.81 | 1.73 | 1.86 | 1.74 | -19.8\% | 7.00 | -10.5\% |
| Mobile Phones | 50.2 | 37.2 | 69.2 | 48.8 | 205.5 | 49.6 | 36.2 | 64.1 | -7.4\% | 200.0 | -2.7\% |
| Unit (million units) | 1.31 | 1.11 | 1.77 | 1.30 | 5.51 | 1.23 | 1.17 | 1.79 | +1.0\% | 5.60 | +1.6\% |
| Refrigerators | 22.9 | 24.6 | 23.2 | 24.9 | 95.7 | 23.9 | 24.0 | 22.1 | -4.5\% | 95.0 | -0.7\% |
| Air Conditioners | 26.1 | 16.4 | 10.9 | 15.4 | 68.9 | 23.6 | 18.4 | 8.0 | -26.4\% | 65.0 | -5.7\% |
| Copiers / Printers | 36.4 | 29.8 | 31.6 | 36.5 | 134.4 | 34.3 | 39.1 | 38.2 | +21.0\% | 155.0 | +15.3\% |
| CCD / CMOS <br> Imagers | 34.8 | 49.6 | 84.2 | 49.3 | 218.1 | 38.8 | 64.7 | 129.3 | +53.5\% | 320.0 | +46.7\% |
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## Capital Investment and Depreciation, etc.

|  |  |  |  |  |  | (Billions of Yen) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2013 |  |  |  |  | FY2014 |  |  |  |  |  |
|  | 1Q | 2Q | 3Q | 4Q | Full Year | 1Q | 2Q | 3Q | $\begin{array}{\|c} \hline \text { Change } \\ \text { (Y on Y) } \\ \hline \end{array}$ | Full Year Forecast | Change ( Y on Y ) |
| Capital Investment | 10.5 | 10.9 | 11.2 | 16.6 | 49.4 | 14.5 | 16.6 | 9.3 | -16.6\% | 70.0 | +41.6\% |
| LCDs | 4.3 | 3.9 | 5.2 | 9.9 | 23.5 | 5.7 | 7.1 | 4.3 | -17.5\% | 32.0 | +36.0\% |
| Depreciation and Amortization | 29.9 | 28.7 | 27.7 | 28.1 | 114.6 | 24.4 | 25.5 | 26.5 | -4.3\% | 110.0 | -4.0\% |
| R\&D Expenditures | 35.4 | 30.0 | 35.9 | 30.6 | 132.1 | 34.4 | 31.4 | 38.1 | +6.0\% | 140.0 | +6.0\% |

Exchange Rate
Exchange Rate

| FY2013 |  | FY2014 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $1 Q$ | $2 Q$ | $3 Q$ | $4 Q$ | Full Year | $1 Q$ | $2 Q$ | $3 Q$ | 4Q Forecast |
|  | $¥ 97.76$ | $¥ 97.96$ | $¥ 99.46$ | $¥ 101.78$ | $¥ 99.24$ | $¥ 101.16$ | $¥ 102.93$ | $¥ 113.55$ | $¥ 120.00$ |
|  | $¥ 127.46$ | $¥ 129.57$ | $¥ 135.20$ | $¥ 139.29$ | $¥ 132.88$ | $¥ 138.56$ | $¥ 136.26$ | $¥ 141.59$ | $¥ 136.00$ |

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## Sales by Product Group and Operating Income (by half year)

Product Business

*Sales of each product group include internal sales between segments (Product Business / Device Business)
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## Sales by Product Group and Operating Income (by half year)


*Sales of each product group include internal sales between segments (Product Business / Device Business)
*Figures within parentheses indicate operating income margin.

| Overseas Sales by region (by half year) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Top: Sales (billions of yen) <br> Bottom : Composition ratio (\%) |  |  |  |  |  |
|  |  | FY2013 |  |  | FY2014 |  |  |
|  |  | 1H | 2H | Full Year | 1H | $\begin{aligned} & \text { Changes } \\ & \text { (Y on Y) } \\ & \hline \end{aligned}$ |  |
|  | The Americas | 204.2 | 264.2 | 468.4 | 165.6 | -18.9\% |  |
|  |  | 25.6\% | 27.0\% | 26.4\% | 19.9\% |  |  |
|  | Europe | 77.8 | 66.9 | 144.8 | 71.4 | -8.3\% |  |
|  |  | 9.7\% | 6.8\% | 8.1\% | 8.6\% |  |  |
|  | China | 382.5 | 542.8 | 925.3 | 487.8 | +27.5\% |  |
|  |  | 48.0\% | 55.4\% | 52.1\% | 58.6\% |  |  |
|  | Other | 133.0 | 105.4 | 238.4 | 107.7 | -19.0\% |  |
|  |  | 16.7\% | 10.8\% | 13.4\% | 12.9\% |  |  |
|  | Total | 797.6 | 979.4 | 1,777.0 | 832.7 | +4.4\% |  |
|  |  | 100.0\% | 100.0\% | 100.0\% | 100.0\% |  |  |
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[^0]:    *Amounts less than 100 million yen shown in this presentation material have been rounded down.
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[^1]:    <LCDs>

    ## Factors in Deterioration of Performance and Future Policies

    ## Deterioration factors

    $\checkmark$ Slow demand growth in the medium-size LCD market (tablets, etc.)
    $\checkmark$ Increased channel inventory in the Chinese smartphone market

    - Falling panel prices due to competition
    - Slow demand growth in the high-resolution smartphone market
    $\checkmark$ Worsened model mix


    ## Future policies

    $\checkmark$ Expand sales and develop new customers in medium-size LCDs
    $\checkmark$ Establish a competitive advantage in the Chinese market

    - Enhance the sales structure in the South China region
    - Increase high-added value with IGZO LCDs, implement cost innovation
    - Early mass-production of in-cell touch panels
    $\checkmark$ Optimize the mix of small- and medium-size / large-size LCD application

