## 4Q22 Quarterly Earnings


2023. 1. 30

Powered by the S\&P GIobal CSA

MSCI
esg ratings A

## 4Q22 Earnings and Financial Status

## Sales \& Profit

| Items | 4Q22 | 3Q22 | QoQ | 4Q21 | YoY | FY 22 | FY 21 | YoY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue | 5,965.9 | 5,368.0 | +11.1\% | 3,816.0 | +56.3\% | 20,124.1 | 13,553.2 | +48.5\% |
| Energy \& Others | 5,341.6 | 4,834.0 | +10.5\% | 3,107.3 | +71.9\% | 17,566.3 | 10,946.9 | +60.4\% |
| Electronic <br> Materials | 624.3 | 534.0 | +16.9\% | 708.7 | $\triangle 11.9 \%$ | 2,557.8 | 2,606.3 | $\triangle 1.9 \%$ |
| Operating Profit (\%) | $\begin{array}{r} 490.8 \\ (8.2 \%) \end{array}$ | $\begin{array}{r} 565.9 \\ (10.5 \%) \end{array}$ | $\triangle 13.3 \%$ | $\begin{array}{r} 265.7 \\ (7.0 \%) \end{array}$ | +84.7\% | $\begin{array}{r} 1,808.0 \\ (9.0 \%) \end{array}$ | $\begin{aligned} & 1,067.6 \\ & (7.9 \%) \end{aligned}$ | +69.4\% |
| Energy \& Others (\%) | $\begin{array}{r} 359.1 \\ (6.7 \%) \end{array}$ | $\begin{array}{r} 484.8 \\ (10.0 \%) \end{array}$ | $\triangle 25.9 \%$ | $\begin{array}{r} 120.2 \\ (3.9 \%) \end{array}$ | +198.8\% | $\begin{array}{r} 1,253.8 \\ (7.1 \%) \end{array}$ | $\begin{array}{r} 537.6 \\ (4.9 \%) \end{array}$ | +133.2\% |
| Electronic Mat (\%) | $\begin{array}{r} 131.7 \\ (21.1 \%) \end{array}$ | $\begin{array}{r} 81.1 \\ (15.2 \%) \end{array}$ | +62.4\% | $\begin{array}{r} 145.5 \\ (20.5 \%) \end{array}$ | $\triangle 9.5 \%$ | $\begin{array}{r} 554.2 \\ (21.7 \%) \end{array}$ | $\begin{array}{r} 530.0 \\ (20.3 \%) \end{array}$ | +4.6\% |
| Non-operating Profit | 312.4 | 300.5 | +4.0\% | 245.5 | +27.3\% | 844.3 | 595.8 | +41.7\% |
| Pre-tax Profit (\%) | $\begin{array}{r} 803.2 \\ (13.5 \%) \end{array}$ | $\begin{array}{r} 866.4 \\ (16.1 \%) \end{array}$ | $\triangle 7.3 \%$ | $\begin{array}{r} 511.3 \\ (13.4 \%) \end{array}$ | +57.1\% | $\begin{aligned} & 2,652.3 \\ & (13.2 \%) \end{aligned}$ | $\begin{aligned} & 1,663.3 \\ & (12.3 \%) \end{aligned}$ | +59.5\% |
| Net Profit (\%) | $\begin{array}{r} 629.2 \\ (10.5 \%) \end{array}$ | $\begin{array}{r} 638.3 \\ (11.9 \%) \end{array}$ | $\triangle 1.4 \%$ | $\begin{array}{r} 391.6 \\ (10.3 \%) \end{array}$ | +60.7\% | $\begin{gathered} 2,039.4 \\ (10.1 \%) \end{gathered}$ | $\begin{gathered} 1,250.4 \\ (9.2 \%) \end{gathered}$ | +63.1\% |

B/S Summary

| Items | FY 22 | 3Q22 | QoQ | FY 21 | YoY |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Assets | $30,257.5$ | $30,367.4$ | $\Delta 109.9$ | $25,833.2$ | $+4,424.3$ |
| Liabilities | $13,040.0$ | $13,460.3$ | $\triangle 420.3$ | $10,636.5$ | $+2,403.5$ |
| Equity | $17,217.5$ | $16,907.1$ | +310.4 | $15,196.7$ | $+2,020.8$ |
| DE Ratio | $76 \%$ | $80 \%$ | $\triangle 4 \% \mathrm{p}$ | $70 \%$ | $+6 \% p$ |

## EBITDA \%



## Results \& Outlook

## Earnings and Forecast

## Large-sized LIB

## 4Q22 Results

## Revenue up despite sluggish demand

- Revenue up in both EV and ESS batteries, with boosted P5(Gen5) and utility sales, respectively
- Profitability down due to one-off costs, though on-par QoQ without such costs


## 1Q23 Outlook

## P5(Gen5) sales expansion to continue

- EV battery sales to spike with new P5 production line ramp-up in Hungary for new vehicle models
- ESS to decrease due to seasonal lull
- Significant YoY growth expected for EV \& ESS


## FY23 Forecast

## EV Market Outlook: \$159B (YoY +39\%)

- Concerns over weakening auto demand amid rising global interest rates and slowing economic growth
- EV production to expand due to OEMs' accelerated electrification and ease of supply chain disruptions
$\Rightarrow$ SDI, big growth expected on premium model sales. Continued efforts for PJT awards and next-gens


## ESS Market Outlook: \$16B (YoY +44\%)

- Utility to lead ESS market with global green policies and 'renewable+ESS' economic synergy
- UPS to expand with increased data centers. RES to grow upon efforts for reduced power bills
$\Rightarrow$ SDI, to meet market demand by launching new ESS battery products for utility application


## Earnings and Forecast

## Small-sized LIB

## 4Q22 Results

## Continued P-Mix, centered around EV batteries

- Minimized impact from low PT demand, and increased EV sales
- Entered into key customers' new pouch products


## 1Q23 Outlook

## Revenue expected to grow YoY, amid seasonal lull

- Cylindrical sales down in 1Q, rebound in 2Q
- Pouch sales to rise, stoked by release of new flagship smartphone models


## FY23 Forecast

Market Outlook: \$38B (YoY +7\%)
Non-IT

- PT to slow down amid downbeat housing demand
- EV to continue high growth, M-Mobility afloat
$\Rightarrow$ SDI to top prioritize EV, and to release high-cap, high-power products upon market demand


## IT

- Smartphone battery demand up around flagships. Wearables (TWS, smartwatches, etc.) to keep growth
$\Rightarrow$ SDI to expand sales via timely supply of new products


## Earnings and Forecast

## Electronic Materials

## 4Q22 Results

## Revenue expansion by display materials

- Polarizer film revenue up QoQ on eased inventory overload and customer diversification
- Display materials up in major customer's new platform
- Semiconductor materials flat QoQ with expanded sales of high-value products


## 1Q23 Outlook

## Revenue decline due to seasonality

- Display materials to see sales decline due to seasonality
- Polarizer films and semiconductor materials to maintain sales with start of new product supply


## FY23 Forecast

Market in downturn, while some highvalue materials remaining flat YoY

## Display

- In diminishing demand for polarizer film overall, some high-value film expected to grow in demand
- Demand for mobile panel to be declined


## Semiconductor

- Semiconductor materials input to be slightly increased upon major customer's transition to next ultra fine-process technology

SDI to maintain growth by expanding high-value product supply and timely launching new products

## Appendix

## FY22 Dividend

## Shareholder Return Policy : Regular dividend 1,000 KRW + 5~10\% annual FCF pay-out ${ }^{(1)}$

## Free Cash Flow 40.4 Bn KRW

$\Rightarrow$ Total Payout 69 Bn KRW, Common 1,030 KRW, Preferred 1,080 KRW

- Duly considering future CAPEX increase, 5\% of FCF to be additionally paid out


## FY18~FY22 Dividend Trend

| Item | FY18 | FY19 | FY20 | FY21 |
| :---: | :---: | :---: | :---: | :---: |

(1) Please refer to Matters Related to Ad Hoc Public Disclosure Obligation (Fair Disclosure) dated 2022.1.27 as to the details of Shareholder Return Policy from 2022 through 2024.

## Consolidated Income Statement

| Items | FY22 | 4Q22 | 3Q22 | 2Q22 | 1Q22 | FY21 | 4Q21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue | 20,124.1 | 5,965.9 | 5,368.0 | 4,740.8 | 4,049.4 | 13,553.2 | 3,816.0 |
| COGS | 15,903.3 | 4,787.4 | 4,194.0 | 3,728.0 | 3,193.8 | 10,475.6 | 2,980.6 |
| Gross Profit (\%) | $\begin{aligned} & 4,220.7 \\ & (21.0 \%) \end{aligned}$ | $\begin{array}{r} 1,178.5 \\ (19.8 \%) \end{array}$ | $\begin{array}{r} 1,173.9 \\ (21.9 \%) \end{array}$ | $\begin{gathered} 1,012.8 \\ (21.9 \%) \end{gathered}$ | $\begin{aligned} & 1,012.8 \\ & (21.1 \%) \end{aligned}$ | $\begin{aligned} & 3,077.6 \\ & (22.7 \%) \end{aligned}$ | $\begin{array}{r} 835.4 \\ (21.9 \%) \end{array}$ |
| Operating Profit (\%) | $\begin{array}{r} 1,808.0 \\ (9.0 \%) \end{array}$ | $\begin{gathered} 490.8 \\ (8.2 \%) \end{gathered}$ | $\begin{array}{r} 565.9 \\ (10.5 \%) \end{array}$ | $\begin{array}{r} 429.0 \\ (9.0 \%) \end{array}$ | $\begin{array}{r} 322.3 \\ (8.0 \%) \end{array}$ | $\begin{array}{r} 1,067.6 \\ (7.9 \%) \end{array}$ | $\begin{array}{r} 265.7 \\ (7.0 \%) \end{array}$ |
| Non-operating Profit | 844.3 | 312.4 | 300.5 | 99.8 | 131.6 | 595.8 | 245.5 |
| Pre-tax Profit (\%) | $\begin{aligned} & 2,652.3 \\ & (13.2 \%) \end{aligned}$ | $\begin{array}{r} 803.2 \\ (13.5 \%) \end{array}$ | $\begin{gathered} 866.4 \\ (16.1 \%) \end{gathered}$ | $\begin{array}{r} 528.8 \\ (11.2 \%) \end{array}$ | $\begin{array}{r} 453.9 \\ (11.2 \%) \end{array}$ | $\begin{aligned} & 1,663.3 \\ & (12.3 \%) \end{aligned}$ | $\begin{array}{r} 511.3 \\ (13.4 \%) \end{array}$ |
| Tax | 612.9 | 174.0 | 228.1 | 119.6 | 91.2 | 412.9 | 119.6 |
| Net Profit (\%) | $\begin{aligned} & 2,039.4 \\ & (10.1 \%) \end{aligned}$ | $\begin{array}{r} 629.2 \\ (10.5 \%) \end{array}$ | $\begin{array}{r} 638.3 \\ (11.9 \%) \end{array}$ | $\begin{aligned} & 409.2 \\ & (8.6 \%) \end{aligned}$ | $\begin{array}{r} 362.7 \\ (9.0 \%) \end{array}$ | $\begin{gathered} 1,250.4 \\ (9.2 \%) \end{gathered}$ | $\begin{array}{r} 391.6 \\ (10.3 \%) \end{array}$ |
| NP less Minority Interests (\%) | $\begin{aligned} & 1,952.1 \\ & (9.7 \%) \end{aligned}$ | $\begin{array}{r} 603.1 \\ (10.1 \%) \end{array}$ | $\begin{array}{r} 602.9 \\ (11.2 \%) \end{array}$ | $\begin{array}{r} 391.3 \\ (8.3 \%) \end{array}$ | $\begin{array}{r} 356.6 \\ (8.8 \%) \end{array}$ | $\begin{aligned} & 1,169.8 \\ & (8.6 \%) \end{aligned}$ | $\begin{array}{r} 365.5 \\ (9.6 \%) \end{array}$ |
| Depreciation | 1,463.3 | 380.5 | 376.8 | 355.6 | 350.5 | 1,252.2 | 333.3 |
| CAPEX | 2,518.1 | 840.7 | 518.1 | 589.7 | 569.6 | 2,180.2 | 876.4 |

## Consolidated Balance Sheet

| Items | 4Q22 | 3Q22 | 2Q22 | 1Q22 | 4Q21 | 3Q21 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Assets | 30,257.5 | 30,367.4 | 28,841.9 | 27,005.0 | 25,833.2 | 24,521.2 |
| Current Assets | 9,651.7 | 10,343.9 | 9,418.2 | 8,063.3 | 7,444.9 | 6,912.9 |
| Cash \& Cash Equiv* | 3,097.3 | 3,290.2 | 2,567.1 | 2,315.3 | 2,432.8 | 1,927.8 |
| A/R \& Others | 3,349.8 | 3,488.3 | 3,493.1 | 3,117.5 | 2,524.8 | 2,480.0 |
| Inventory | 3,204.5 | 3,565.4 | 3,358.0 | 2,630.5 | 2,487.3 | 2,505.1 |
| Non-current Assets | 20,605.8 | 20,023.5 | 19,423.7 | 18,941.7 | 18,388.3 | 17,608.3 |
| Investment Assets | 10,144.7 | 9,817.3 | 9,815.7 | 9,726.5 | 9,542.7 | 9,446.4 |
| Tangible \& Intangible Assets | 9,780.4 | 9,696.8 | 9,163.2 | 8,794.4 | 8,434.9 | 7,762.3 |
| Others | 680.8 | 509.4 | 444.8 | 420.8 | 410.7 | 399.6 |
| Liabilities | 13,040.0 | 13,460.3 | 12,793.8 | 11,344.7 | 10,636.5 | 9,646.7 |
| Current Liab. | 8,006.9 | 8,291.4 | 7,550.7 | 6,717.6 | 6,461.3 | 5,114.5 |
| Non-Current Liab. | 5,033.1 | 5,168.9 | 5,243.1 | 4,627.1 | 4,175.2 | 4,532.2 |
| Shareholders' Equity | 17,217.5 | 16,907.1 | 16,048.1 | 15,660.3 | 15,196.7 | 14,874.5 |
| Paid-in Capital | 356.7 | 356.7 | 356.7 | 356.7 | 356.7 | 356.7 |
| DE Ratio | 76\% | 80\% | 80\% | 72\% | 70\% | 65\% |

## End Of

## Document

