

UNITED FOR EXCELLENCE

UMC 2Q24 Financial Review

July 31, 2024

NOTE CONCERNING FORWARD-LOOKING STATEMENTS

This presentation contains forward-looking statements within the meaning of Section 27A of the United States Securities Act of 1933, as amended, and Section 21E of the United States Securities Exchange Act of 1934, as amended, and as defined in the United States Private Securities Litigation Reform Act of 1995. These forward looking statements include, but are not limited to, statements relating to anticipated quarterly Fab capacity, foundry capital expenditure plan and other statements that are not historical information.

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The financial statements included in this release are prepared and published in accordance with Taiwan International Financial Reporting Standards, or TIFRSs, recognized by the Financial Supervisory Commission in the ROC, which is different from International Financial Reporting Standards, or IFRSs, issued by the International Accounting Standards Board. Investors are cautioned that there may be significant differences between TIFRSs and IFRSs. In addition, TIFRSs and IFRSs differ in certain significant respects from generally accepted accounting principles in the United States.

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Operating Results Summary

| | | Unit: NT\$ M |
|-----------|---|---|
| 2024 | 2024 | 2023 |
| 2Q / Jun. | 1Q / Mar. | 2Q / Jun. |
| 56,799 | 54,632 | 56,296 |
| 13,786 | 10,456 | 15,641 |
| | | |
| 1.11 | 0.84 | 1.27 |
| 121,234 | 119,431 | 163,097 |
| 586,962 | 567,073 | 553,196 |
| 230,870 | 188,845 | 226,308 |
| 356,092 | 378,228 | 326,888 |
| | | |
| 831 | 810 | 814 |
| 68% | 65% | 71% |
| | 2Q / Jun. 56,799 13,786 1.11 121,234 586,962 230,870 356,092 | 2Q / Jun. 1Q / Mar. 56,799 54,632 13,786 10,456 1.11 0.84 121,234 119,431 586,962 567,073 230,870 188,845 356,092 378,228 |

Statements of Comprehensive Income - QoQ

| | | | | | Jnit: NT\$ M |
|---|---------|--------|---------|--------|--------------|
| | 2Q24 | % | 1Q24 | % | Change % |
| Operating Revenues | 56,799 | 100.0 | 54,632 | 100.0 | 4.0 |
| Gross Profit | 19,983 | 35.2 | 16,899 | 30.9 | 18.2 |
| Operating Expenses | (6,311) | (11.1) | (5,747) | (10.5) | 9.8 |
| Net Other Operating Income and Expenses | 219 | 0.4 | 513 | 1.0 | (57.3) |
| Operating Income | 13,891 | 24.5 | 11,665 | 21.4 | 19.1 |
| Net Non-operating Income and Expenses | 2,529 | 4.4 | 1,056 | 1.9 | 139.4 |
| Income Tax Expense | (2,645) | (4.6) | (2,291) | (4.2) | 15.4 |
| Net Income | 13,775 | 24.3 | 10,430 | 19.1 | 32.1 |
| Net Income Attributable to | 13,786 | 24.3 | 10,456 | 19.1 | 31.8 |
| Shareholders of the Parent | | | | | |
| EPS (NTD) | 1.11 | | 0.84 | | |
| EPADS (USD) | 0.171 | | 0.130 | | |

Notes:

- 1. An exchange rate of 32.43 was used to translate NTD to USD.
- 2. 12,414 million shares were both used in EPS calculations for 2Q24 and 1Q24.

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Statements of Comprehensive Income - YoY: 6 Months

| | | | | Un | it: NT\$ M |
|---|-------------------|--------|-------------------|--------|------------|
| | 2024 Jan.∼Jun. | % | 2023 Jan.~Jun. | % | Change % |
| Operating Revenues | 111,431 | 100.0 | 110,506 | 100.0 | 0.8 |
| Gross Profit | 36,883 | 33.1 | 39,477 | 35.7 | (6.6) |
| Operating Expenses | (12,059) | (10.8) | (11,499) | (10.4) | 4.9 |
| Net Other Operating Income and Expenses | 732 | 0.6 | 2,177 | 2.0 | (66.4) |
| Operating Income | 25,556 | 22.9 | 30,155 | 27.3 | (15.3) |
| Net Non-operating Income and Expenses | 3,585 | 3.3 | 7,459 | 6.7 | (51.9) |
| Income Tax Expense | (4,936) | (4.5) | (5,333) | (4.8) | (7.4) |
| Net Income | 24,205 | 21.7 | 32,281 | 29.2 | (25.0) |
| Net Income Attributable to | 24,242 | 21.8 | 31,824 | 28.8 | (23.8) |
| Shareholders of the Parent | | | | | |
| EPS (NTD) | 1.95 | | 2.58 | | |
| EPADS (USD) | 0.301 | | 0.398 | | |

Notes:

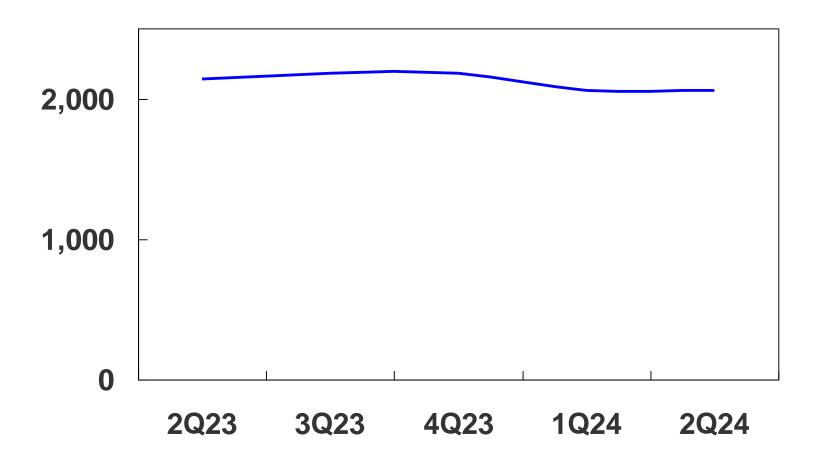
- 1. An exchange rate of 32.43 was used to translate NTD to USD.
- 2. 12,414 million and 12,349 million shares were used in EPS calculations for 6-month periods ended June 30, 2024 and 2023, respectively.

Balance Sheet Highlight – Jun. 30, 2024

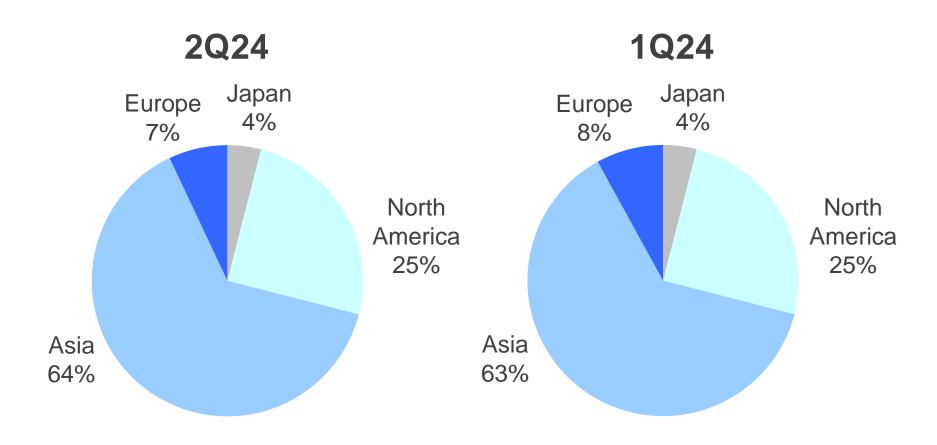
| | Unit: NT\$ M |
|-------------------------------|--------------|
| Cash and Cash Equivalents | 121,234 |
| Funds and Investments | 78,404 |
| Property, Plant and Equipment | 274,031 |
| Total Assets | 586,962 |
| Current Liabilities | 124,973 |
| Long-term Credit / Bonds | 47,483 |
| Total Equity | 356,092 |

Foundry ASP Trend: 12" Wafer Equivalent

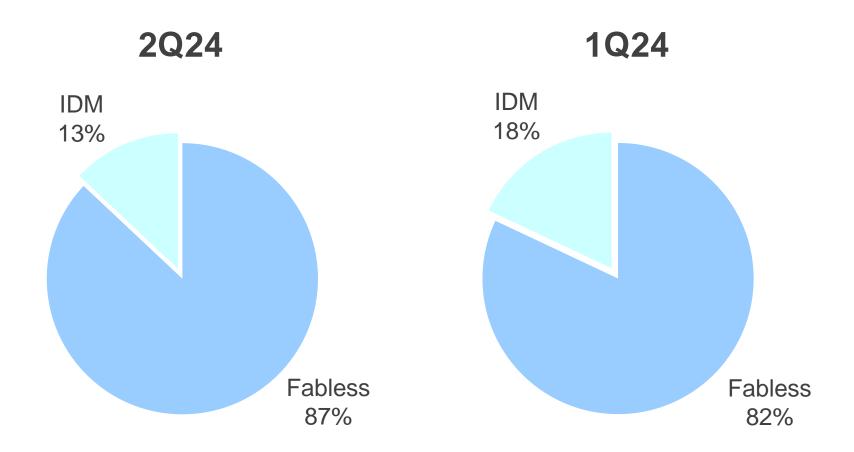
Unit: USD



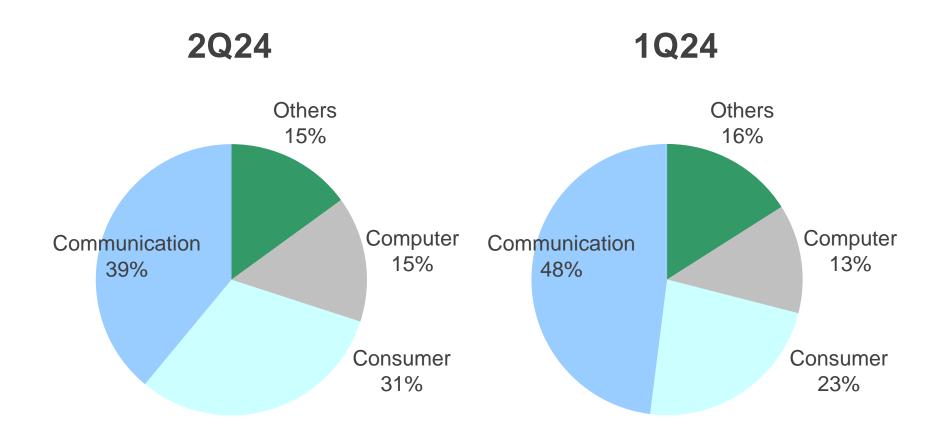
Foundry Segment Sales Breakdown by Geography



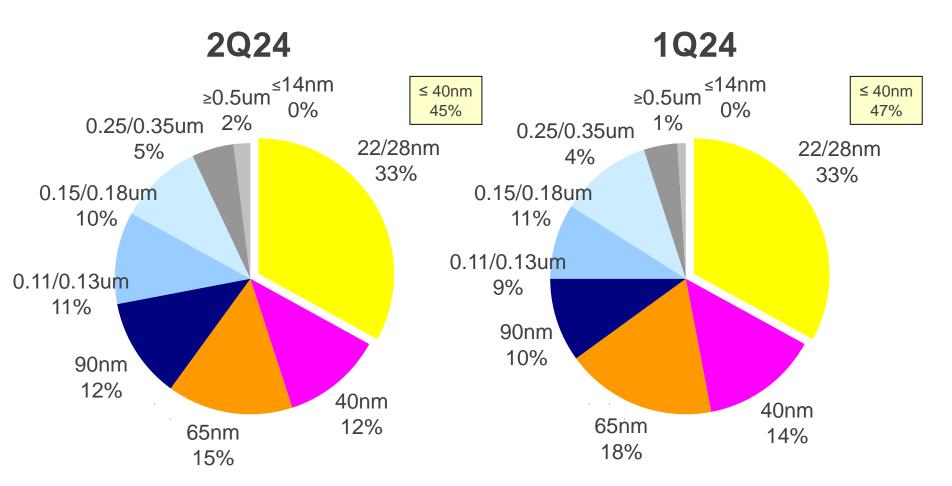
Foundry Segment Sales Breakdown by Customer Type



Foundry Segment Sales Breakdown by Application



Foundry Segment Sales Breakdown by Technology



Quarterly Capacity

| Unit: | in | thousands |
|-------|----|-----------|
| | | |

| FAB | | 4Q23 | 1Q24 | 2Q24 | 3Q24E |
|-------|-----------|-------|-------|-------|-------|
| WTK | (6") | 83 | 82 | 83 | 83 |
| 8A | (8") | 207 | 206 | 207 | 207 |
| 8C | (8") | 119 | 119 | 119 | 119 |
| 8D | (8") | 118 | 118 | 118 | 118 |
| 8E | (8") | 131 | 130 | 131 | 131 |
| 8F | (8") | 145 | 144 | 145 | 145 |
| 8S | (8") | 114 | 113 | 114 | 114 |
| 8N | (8") | 254 | 252 | 254 | 254 |
| 12A | (12") | 346 | 358 | 386 | 403 |
| 12i | (12") | 164 | 164 | 172 | 172 |
| 12X | (12") | 80 | 79 | 80 | 80 |
| 12M | (12") | 110 | 110 | 115 | 115 |
| Total | (12" eq.) | 1,204 | 1,212 | 1,257 | 1,274 |

2024 Foundry Capital Expenditure Plan

| 8" | 12" | Total |
|----|-----|-----------------|
| 5% | 95% | 3.3 billion USD |

For more information regarding UMC www.umc.com

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