

# **UMC 4Q23 Financial Review**

January 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.

These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual performance, financial conditions or results of operations of UMC to be materially different from what is stated or may be implied in such forward-looking statements. Investors are cautioned that actual events and results could differ materially from those statements as a result of a number of factors including, but not limited to: (i) dependence upon the frequent introduction of new services and technologies based on the latest developments in the industry in which UMC operates; (ii) the intensely competitive semiconductor, communications, consumer electronics and computer industries and markets; (iii) the risks associated with international business activities; (iv) dependence upon key personnel; (v) general economic, political and industry conditions, including cyclical downturn of semiconductor markets and geopolitical conflict between U.S., China and Taiwan; (vi) possible disruptions in commercial activities caused by natural and human-induced events and disasters, including natural disasters, terrorist activity, armed conflict, highly contagious diseases, and pandemics, such as the ongoing Russia-Ukraine conflict; (vii) reduced end-user purchases relative to expectations and orders; (viii) regulatory development and legal proceedings, including ongoing litigation, (ix) fluctuations in foreign currency exchange rates (x) disruption in global supply chain affecting the semiconductor industry; and (xi) dispute and conflicts with partners and collaborators. Further information regarding these and other risks is included in UMC's filings with the United States Securities and Exchange Commission, including UMC's Annual Report on Form 20-F for the fiscal year ended December 31, 2022. All information provided in this release is as of the date of this release and are based on assumptions that UMC believes to be reasonable as of this date, and UMC does not undertake any obligation to update any forward-looking statement as a result of new information, future events or otherwise, except as required under applicable law.

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 ROC and generally accepted accounting principles in the United States.

This presentation is not an offer of securities for sale in the United States. Securities may not be offered or sold in the United States absent registration or an exemption from registration under the Securities Act of 1933, as amended. Any public offering of securities to be made in the United States will be made by means of a prospectus that may be obtained from the issuer at the time of such offering that will contain detailed information about the company and management, as well as financial statements.

# Operating Results Summary

Unit: NT\$ M

	2023 4Q / Dec.	2023 3Q / Sep.	2022 4Q / Dec.
Operating Revenues	54,958	57,069	67,836
Net Income Attributable to Shareholders of the Parent	13,195	15,971	19,068
EPS (NTD)	1.06	1.29	1.54
Cash and Cash Equivalents	132,554	140,642	173,819
Total Assets	559,187	547,271	533,052
Total Liabilities	199,608	197,255	197,601
Total Equity	359,579	350,016	335,451
<b>Foundry Segment:</b>			
Wafer Shipments (in thousands-12" wafer eq.)	775	795	984
Utilization (%)	66%	67%	90%

# Statements of Comprehensive Income - QoQ

	Unit: NT\$ M				
	4Q23	%	3Q23	%	Change %
Operating Revenues	54,958	100.0	57,069	100.0	(3.7)
Gross Profit	17,806	32.4	20,461	35.9	(13.0)
Operating Expenses	(6,635)	(12.1)	(5,722)	(10.1)	16.0
Net Other Operating Income and Expenses	1,252	2.3	573	1.0	118.7
Operating Income	12,423	22.6	15,312	26.8	(18.9)
Net Non-operating Income and Expenses	2,227	4.1	3,336	5.9	(33.3)
Income Tax Expense	(1,457)	(2.7)	(2,682)	(4.7)	(45.7)
Net Income	13,193	24.0	15,966	28.0	(17.4)
Net Income Attributable to Shareholders of the Parent	13,195	24.0	15,971	28.0	(17.4)
EPS (NTD)	1.06		1.29		
EPADS (USD)	0.173		0.210		

## Notes:

1. An exchange rate of 30.71 was used to translate NTD to USD.
2. 12,414 million and 12,371 million shares were used in EPS calculations for 4Q23 and 3Q23, respectively.

# Statements of Comprehensive Income - YoY: 12 Months

	Unit: NT\$ M				
	2023 Jan.~Dec.	%	2022 Jan.~Dec.	%	Change %
Operating Revenues	222,533	100.0	278,705	100.0	(20.2)
Gross Profit	77,744	34.9	125,764	45.1	(38.2)
Operating Expenses	(23,855)	(10.7)	(26,812)	(9.6)	(11.0)
Net Other Operating Income and Expenses	4,002	1.8	5,340	1.9	(25.0)
Operating Income	57,891	26.0	104,292	37.4	(44.5)
Net Non-operating Income and Expenses	13,021	5.9	1,805	0.7	621.4
Income Tax Expense	(9,472)	(4.3)	(18,079)	(6.5)	(47.6)
Net Income	61,440	27.6	88,018	31.6	(30.2)
Net Income Attributable to Shareholders of the Parent	60,990	27.4	87,198	31.3	(30.1)
EPS (NTD)	4.93		7.09		
EPADS (USD)	0.803		1.154		

## Notes:

1. An exchange rate of 30.71 was used to translate NTD to USD.
2. 12,371 million and 12,306 million shares were used in EPS calculations for 2023 and 2022, respectively.

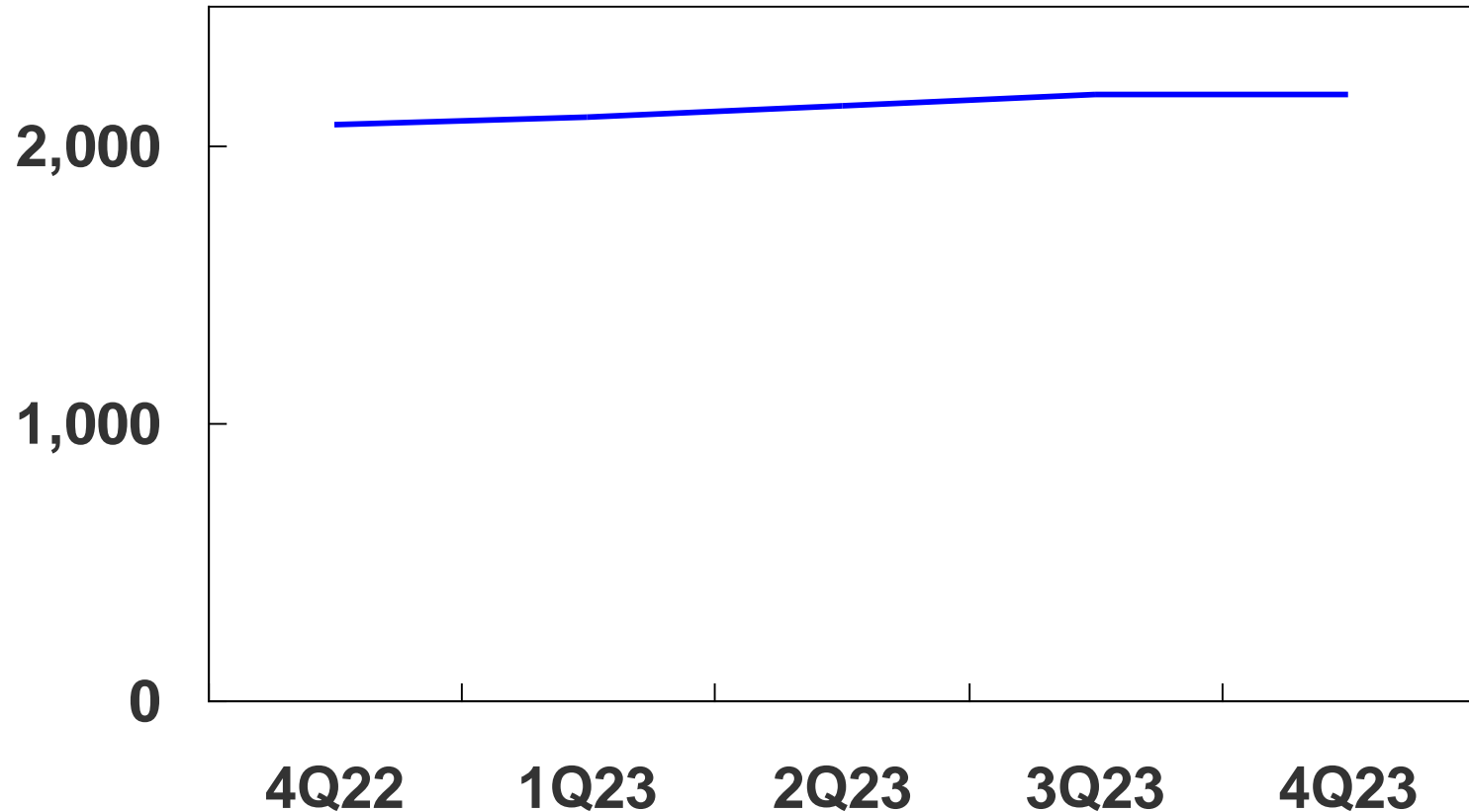
# Balance Sheet Highlight – Dec. 31, 2023

Unit: NT\$ M

Cash and Cash Equivalents	132,554
Funds and Investments	74,255
Property, Plant and Equipment	239,123
Total Assets	559,187
Current Liabilities	99,015
Long-term Credit / Bonds	45,236
Total Equity	359,579

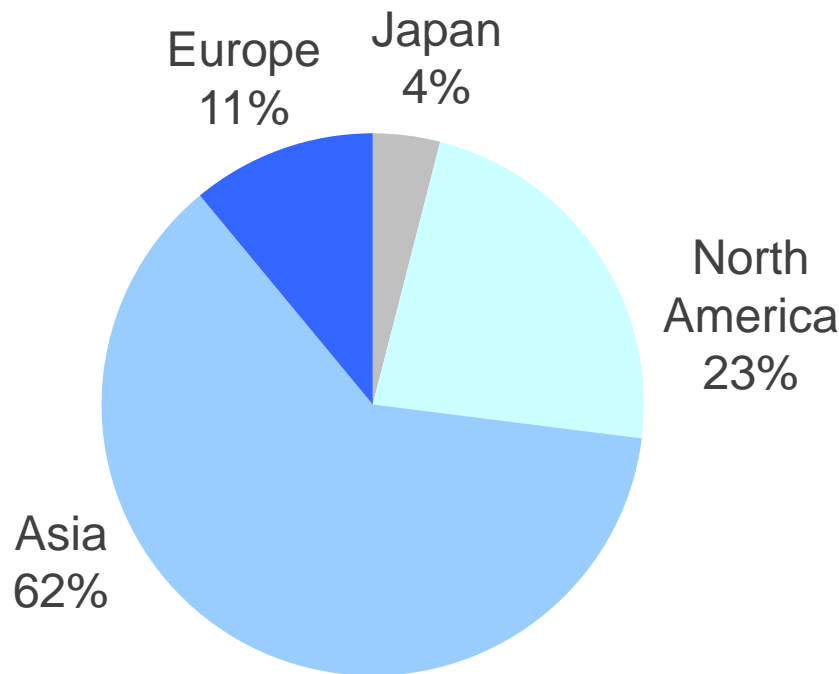
# Foundry ASP Trend : 12" Wafer Equivalent

Unit: USD

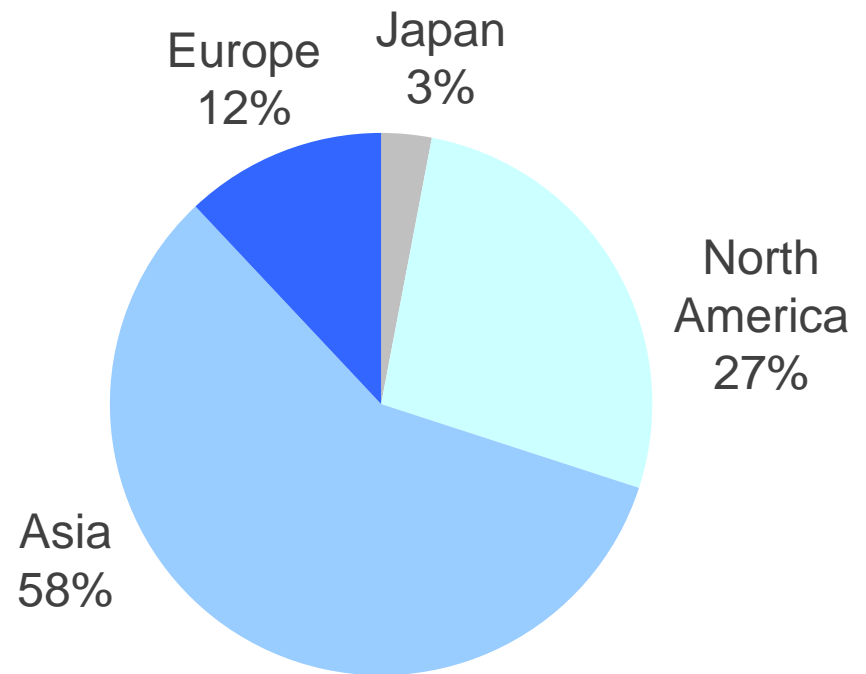


# Foundry Segment Sales Breakdown by Geography

**4Q23**



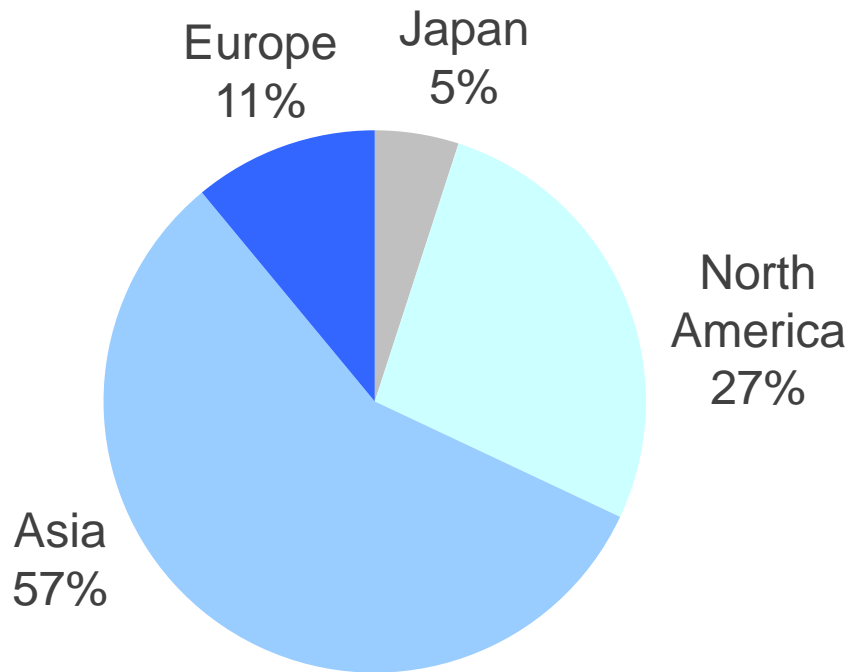
**3Q23**



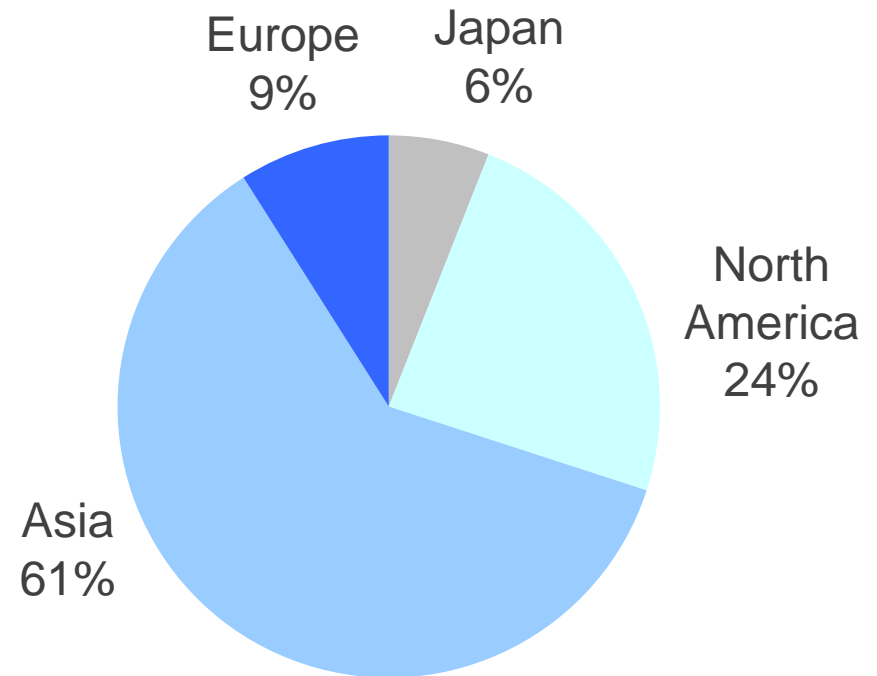


# Foundry Segment Sales Breakdown by Geography

**2023**

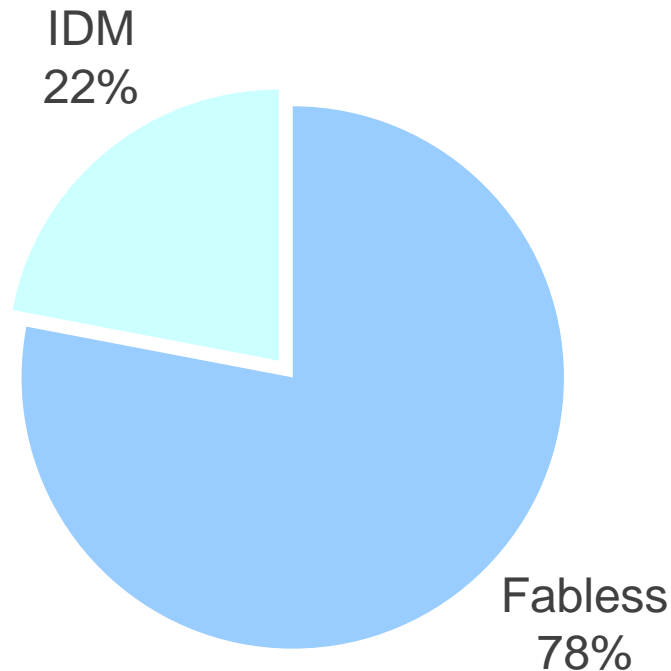


**2022**

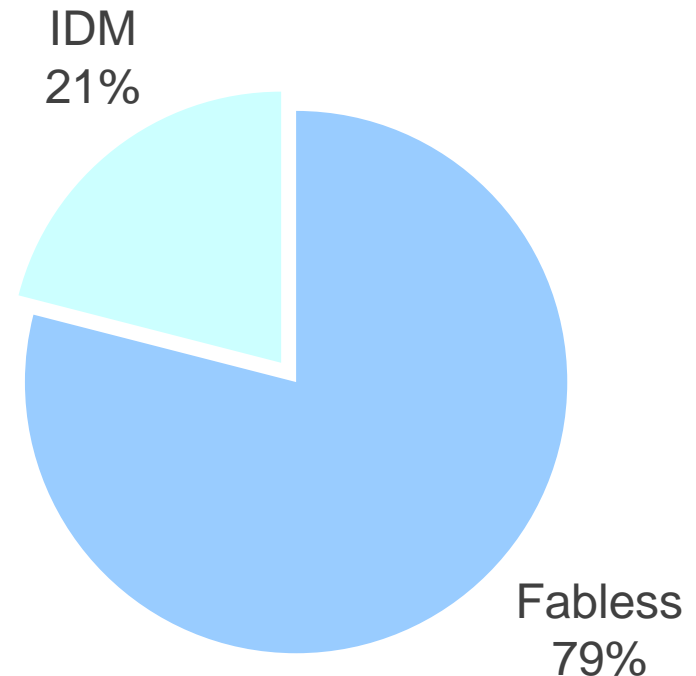


# Foundry Segment Sales Breakdown by Customer Type

**4Q23**

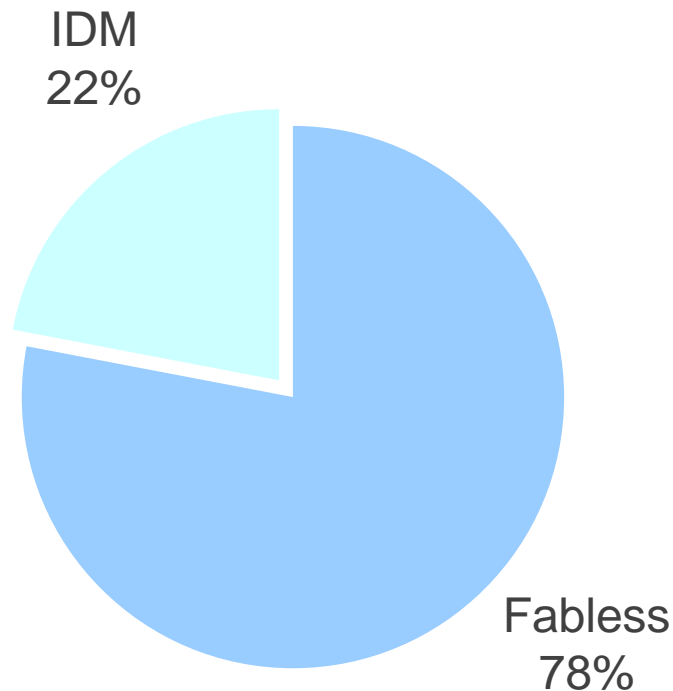


**3Q23**

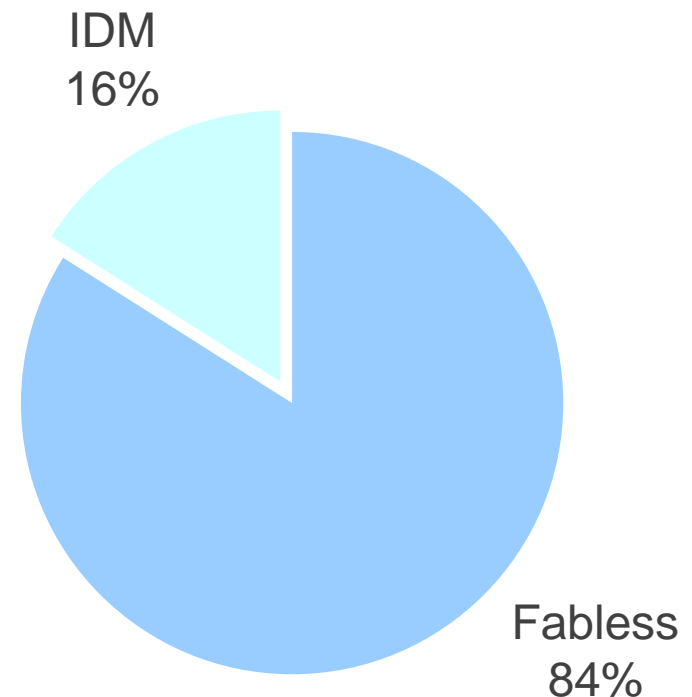


# Foundry Segment Sales Breakdown by Customer Type

**2023**

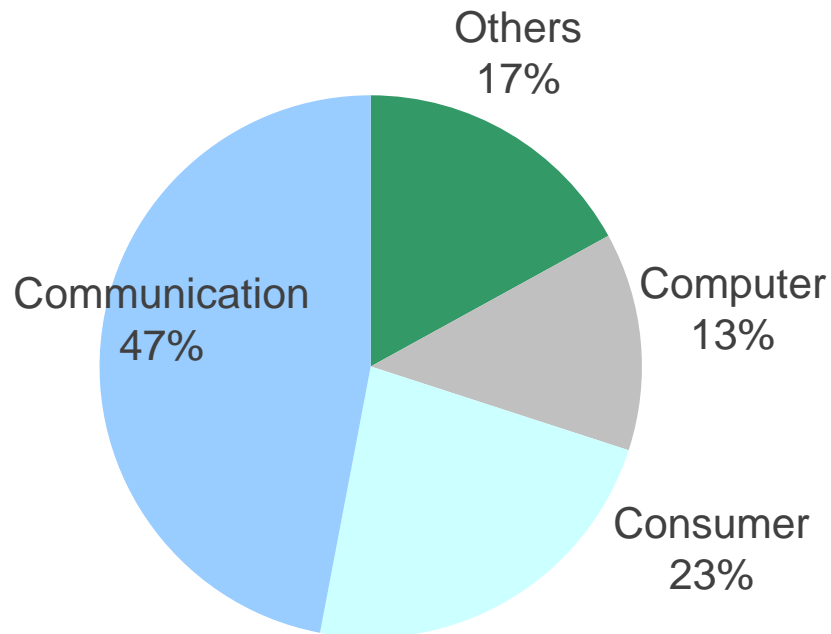


**2022**

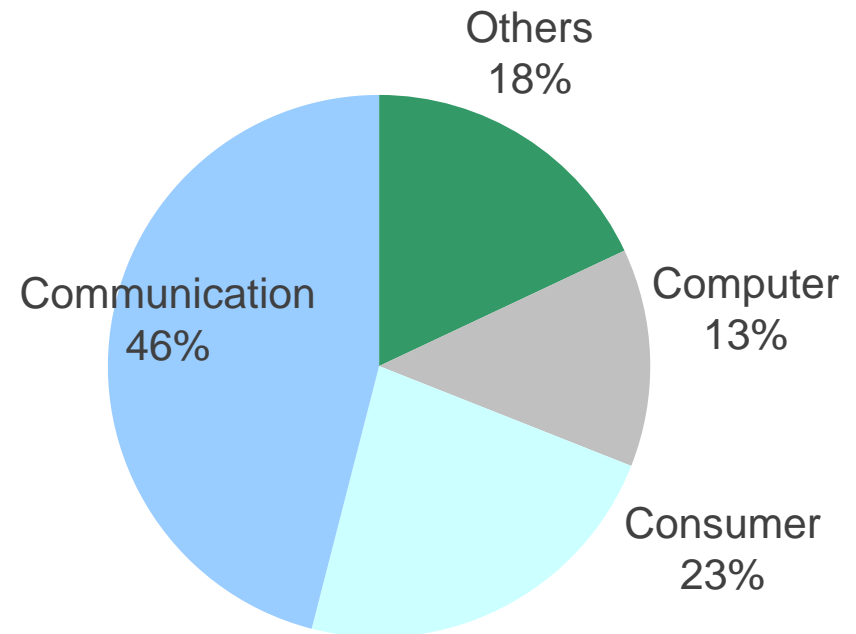


# Foundry Segment Sales Breakdown by Application

4Q23

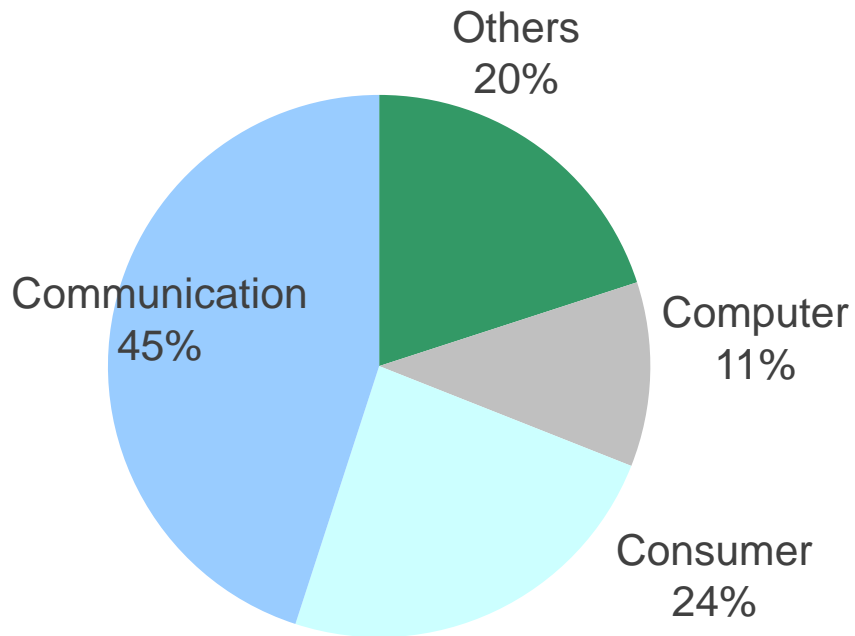


3Q23

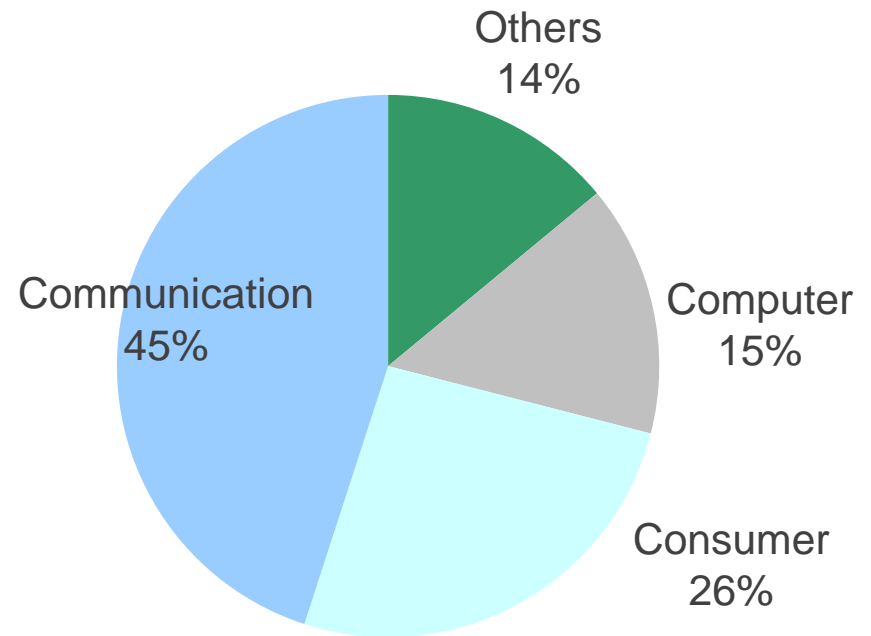


# Foundry Segment Sales Breakdown by Application

2023

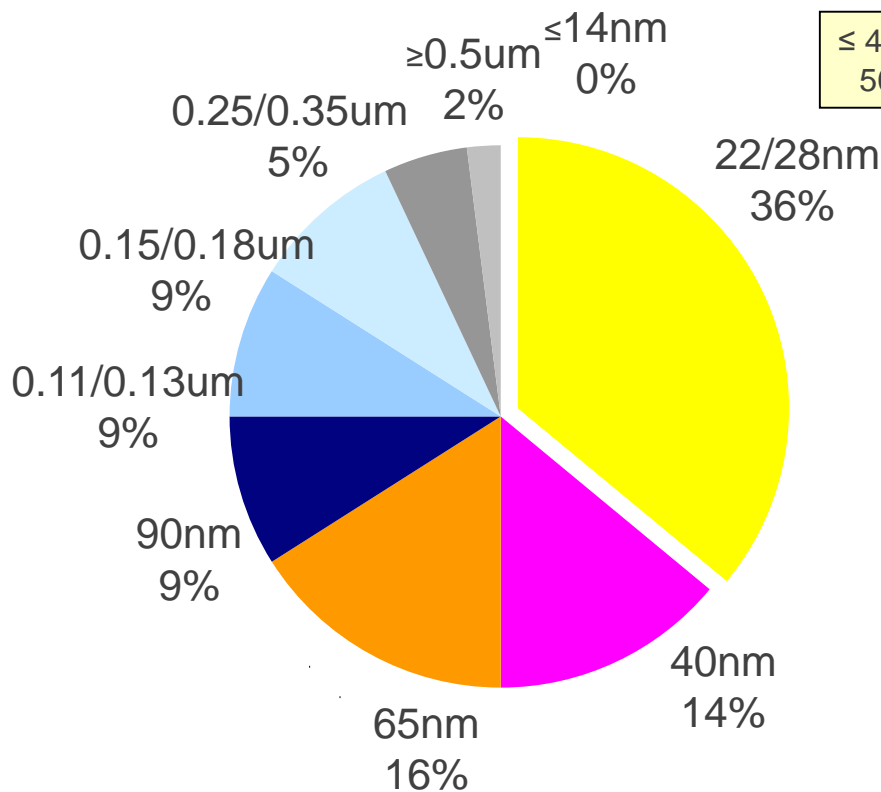


2022

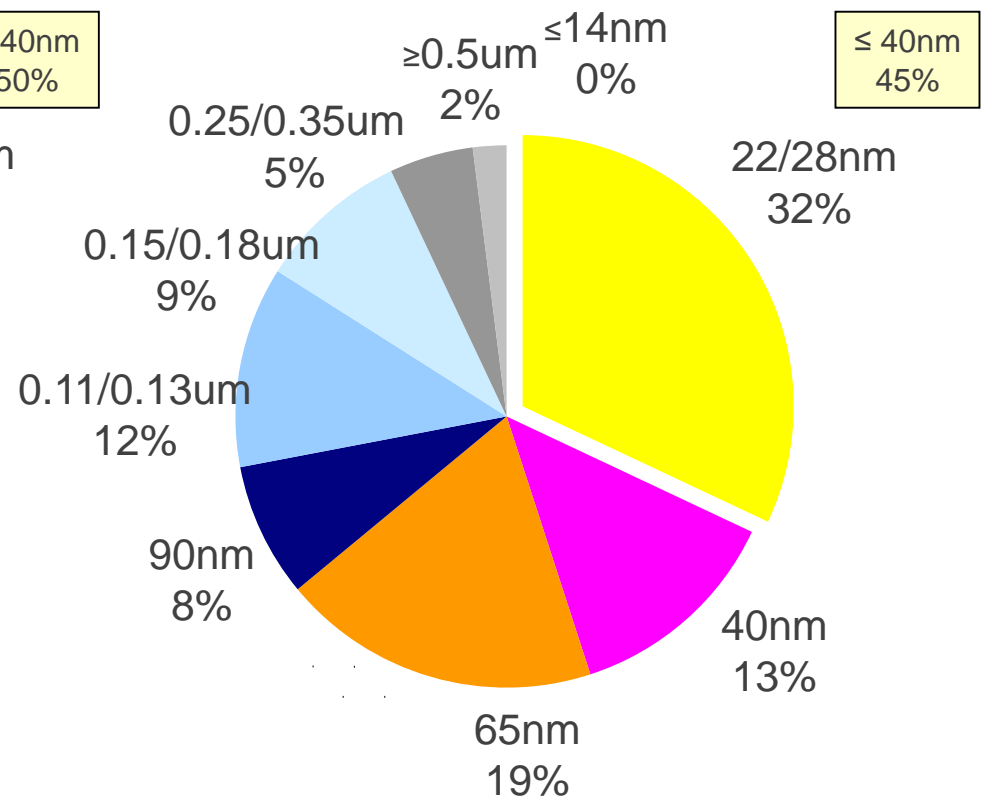


# Foundry Segment Sales Breakdown by Technology

4Q23

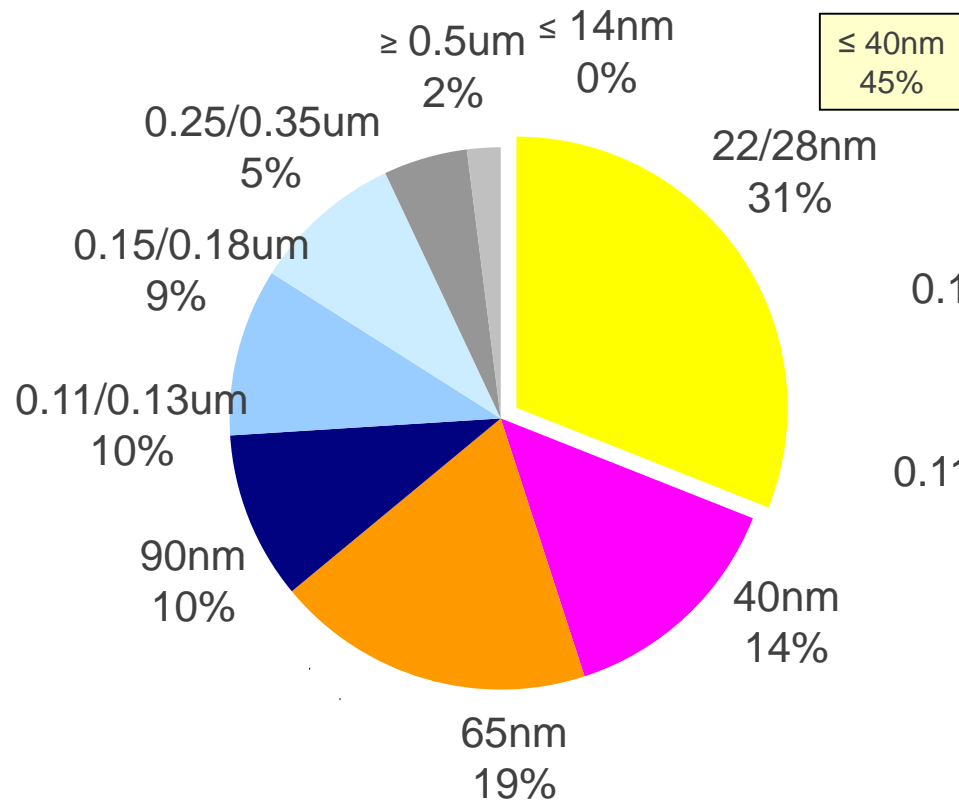


3Q23

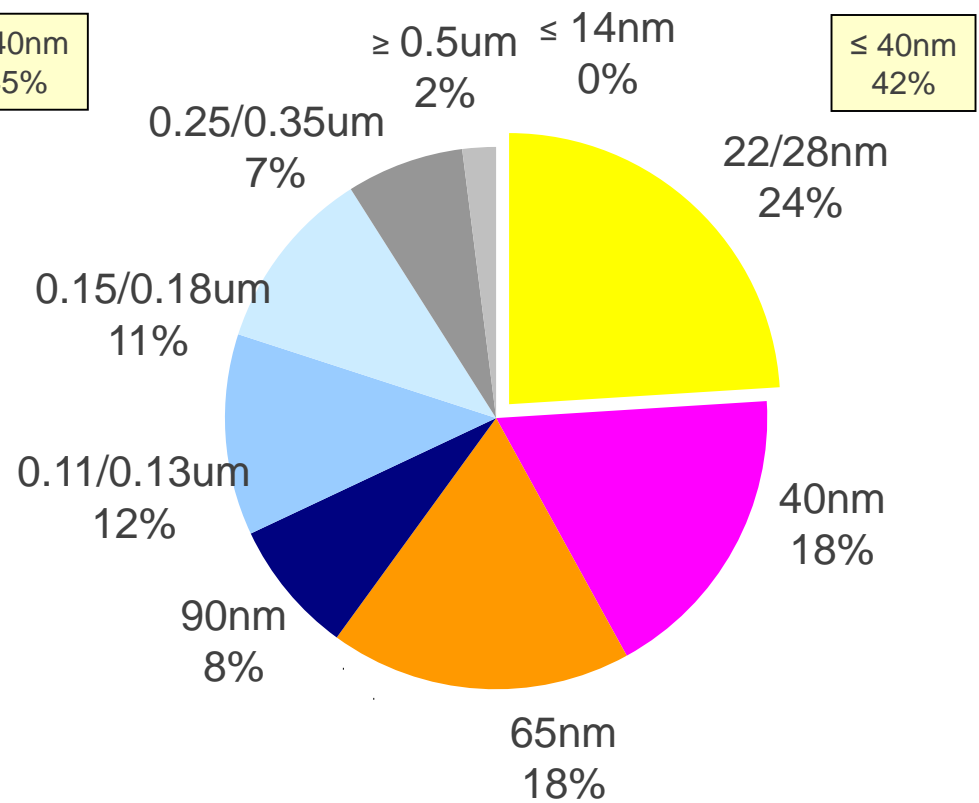


# Foundry Segment Sales Breakdown by Technology

2023



2022



# Quarterly Capacity

Unit: in thousands

FAB		2Q23	3Q23	4Q23	1Q24E
WTK	(6")	82	83	83	82
8A	(8")	207	207	207	206
8C	(8")	120	120	119	119
8D	(8")	109	111	118	118
8E	(8")	122	122	131	130
8F	(8")	145	145	145	144
8S	(8")	112	112	114	113
8N	(8")	248	250	254	252
12A	(12")	321	333	346	358
12i	(12")	164	164	164	164
12X	(12")	80	80	80	79
12M	(12")	110	110	110	110
Total	(12" eq.)	1,167	1,182	1,204	1,212



# 2024 Foundry Capital Expenditure Plan

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

For more information regarding UMC  
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