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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 20549

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**FORM 6-K**

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**REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of March, 2021

Commission File Number 001-37928

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**ChipMOS TECHNOLOGIES INC.**

(Translation of Registrant's Name Into English)

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No. 1, R&D Rd. 1, Hsinchu Science Park  
Hsinchu, Taiwan  
Republic of China  
(Address of Principal Executive Offices)

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(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Dated: March 16, 2021

ChipMOS TECHNOLOGIES INC.

(Registrant)

By: /S/ S. J. Cheng \_\_\_\_\_

Name: S. J. Cheng

Title: Chairman & President

EXHIBIT INDEX

<u>Exhibit Number</u>	<u>Description</u>
99.1	<a href="#">Press release issued by ChipMOS on March 16, 2021.</a>
99.2	<a href="#">ChipMOS fourth quarter and full year 2020 conference call presentation material.</a>


**Contacts:**
In Taiwan

Jesse Huang  
 ChipMOS TECHNOLOGIES INC.  
 +886-6-5052388 ext. 7715  
 IR@chipmos.com

In the U.S.

David Pasquale  
 Global IR Partners  
 +1-914-337-8801  
 dpasquale@globalirpartners.com

**ChipMOS REPORTS FOURTH QUARTER AND FULL YEAR 2020 RESULTS**
**Full Year 2020 Highlights (as compared to the Full Year 2019):**

- **13.1% Increase in Revenue to US\$819.5 Million from US\$724.3 Million, with Record Quarterly Revenue Through 2020**
- **28.2% Expansion of Gross Profit to US\$179.2 Million from US\$139.8 Million, Reflecting Higher Utilization Levels and Strategic Price Increases**
- **260 Basis Point Improvement in Gross Margin to 21.9% from 19.3%**
- **Net Earnings of NT\$3.26 or US\$0.12 per Basic Common Share or US\$2.32 per Basic ADS Compared to Net Earnings of NT\$3.55 or US\$0.13 per Basic Common Share or US\$2.53 per Basic ADS**
- **US\$55.5 Million of Full Year Free Cash Flow, with a US\$146.5 Million Balance of Cash and Cash Equivalents at Year End**
- **NT\$2.2 Per Share Distribution Authorized by Board Pending Shareholder Approval at May 2021 AGM, as Company Continues to Build Value and Deliver a Higher Yield to Shareholders**

**Hsinchu, Taiwan – March 16, 2021** - ChipMOS TECHNOLOGIES INC. (“ChipMOS” or the “Company”) (Taiwan Stock Exchange: 8150 and NASDAQ: IMOS), an industry leading provider of outsourced semiconductor assembly and test services (“OSAT”), today reported consolidated financial results for the fourth quarter and full year ended December 31, 2020. All U.S. dollar figures cited in this press release are based on the exchange rate of NT\$28.08 against US\$1.00 as of December 31, 2020.

All the figures were prepared in accordance with Taiwan-International Financial Reporting Standards (“Taiwan-IFRS”).

Revenue for the fourth quarter of 2020 was NT\$6,310.3 million or US\$224.7 million, an increase of 11.0% from NT\$5,686.1 million or US\$202.5 million in the third quarter of 2020 and an increase of 13.3% from NT\$5,571.5 million or US\$198.4 million for the same period in 2019. Revenue for the fiscal year ended December 31, 2020 was NT\$23,011.4 million or US\$819.5 million, an increase of 13.1% from NT\$20,337.9 million or US\$724.3 million for the fiscal year ended December 31, 2019.

Net non-operating expenses in fourth quarter of 2020 was NT\$277.6 million or US\$9.9 million, compared to NT\$178.5 million or US\$6.4 million in the third quarter of 2020. The increase compared to the third quarter of 2020 is mainly due to an increase of the share of loss of associates accounted for using equity method and foreign exchange loss, combined with a higher foreign exchange loss against the U.S. dollar. Net non-operating expenses in fourth quarter of 2019 was NT\$224.7 million or US\$8.0 million. Net non-operating expenses of the Company for the fiscal year ended December 31, 2020 was NT\$593.1 million or US\$21.1 million, compared to net non-operating income of NT\$573.2 million or US\$20.4 million for the fiscal year ended December 31, 2019. The decline in 2020 compared to 2019 is mainly due to a decrease of the gain on disposal of investment accounted for using equity method and a higher foreign exchange loss.



Net profit attributable to equity holders of the Company for the fourth quarter of 2020 was NT\$686.4 million or US\$24.4 million, and NT\$0.94 or US\$0.03 per basic common share, as compared to NT\$423.4 million or US\$15.1 million, and NT\$0.58 or US\$0.02 per basic common share in the third quarter of 2020. This compares to NT\$530.0 million or US\$18.9 million, and NT\$0.73 or US\$0.03 per basic common share in the fourth quarter of 2019. Net earnings for the fourth quarter of 2020 were US\$0.67 per basic ADS, compared to US\$0.41 per basic ADS for the third quarter of 2020 and US\$0.52 per basic ADS in the fourth quarter of 2019. Net profit attributable to equity holders of the Company for the fiscal year ended December 31, 2020 was NT\$2,367.5 million or US\$84.3 million, and NT\$3.26 or US\$0.12 per basic common share, compared to net profit attributable to equity holders of the Company for the fiscal year ended December 31, 2019 was NT\$2,584.2 million or US\$92.0 million, and NT\$3.55 or US\$0.13 per basic common share. Net earnings for the fiscal year ended December 31, 2020 were US\$2.32 per basic ADS, compared to US\$2.53 per basic ADS for the fiscal year ended December 31, 2019. The decline primarily reflects a one-time gain of NT\$982 million recognized in 2019 on the disposal of investment accounted for using equity method, the increase of foreign exchange loss of NT\$200 million, income tax expense of NT\$159.7 million, was which was partially offset by the increase of gross profit of NT\$1,106.1 million.

Free cash flow for the fiscal year ended December 31, 2020 was NT\$1,558.9 million or US\$55.5 million, with a balance of cash and cash equivalents was NT\$4,113.7 million or US\$146.5 million.

#### **Fourth Quarter and Full Year 2020 Investor Conference Call / Webcast Details**

Date: Tuesday, March 16, 2021  
Time: 3:00PM Taiwan (3:00AM New York)  
Dial-In: +886-2-21928016  
Password: 723607 #  
Webcast of Live Call and Replay: <https://www.chipmos.com/chinese/ir/info2.aspx>  
Replay Starting 2 Hours After Live Call Ends  
**Language: Mandarin**

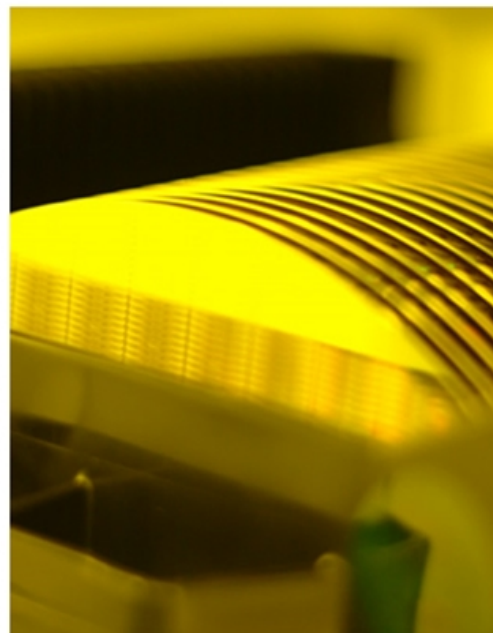
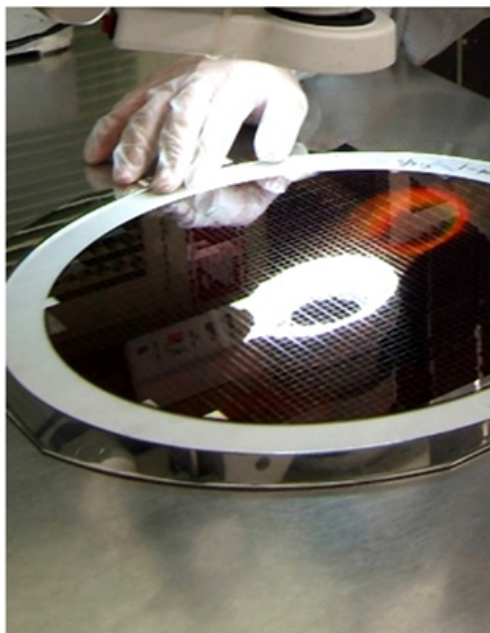
**Note:** An English translation audio and transcript will be made available on the Company's website following the Mandarin conference call to help ensure transparency, and to facilitate a better understanding of its financial results and operating environment.

#### **About ChipMOS TECHNOLOGIES INC.:**

ChipMOS TECHNOLOGIES INC. ("ChipMOS" or the "Company") (Taiwan Stock Exchange: 8150 and NASDAQ: IMOS) (<https://www.chipmos.com>) is an industry leading provider of outsourced semiconductor assembly and test services. With advanced facilities in Hsinchu Science Park, Hsinchu Industrial Park and Southern Taiwan Science Park in Taiwan, ChipMOS provide assembly and test services to a broad range of customers, including leading fabless semiconductor companies, integrated device manufacturers and independent semiconductor foundries.

#### **Forward-Looking Statements**

This press release may contain certain forward-looking statements. These forward-looking statements may be identified by words such as 'believes,' 'expects,' 'anticipates,' 'projects,' 'intends,' 'should,' 'seeks,' 'estimates,' 'future' or similar expressions or by discussion of, among other things, strategy, goals, plans or intentions. These statements may include financial projections and estimates and their underlying assumptions, statements regarding plans, objectives and expectations with respect to future operations, products and services, and statements regarding future performance. Actual results may differ materially in the future from those reflected in forward-looking statements contained in this document, due to various factors, including the potential impact of COVID-19. Further information regarding these risks, uncertainties and other factors are included in the Company's most recent Annual Report on Form 20-F filed with the U.S. Securities and Exchange Commission (the "SEC") and in the Company's other filings with the SEC.



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**Industry Leading Provider of Outsourced Semiconductor  
Assembly, Test & Bumping Services**

Q4'20 & Full Year 2020 Results Conference

March 2021

## Safe Harbor Notice

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- This presentation contains certain forward-looking statements. These forward-looking statements may be identified by words such as ‘believes,’ ‘expects,’ ‘anticipates,’ ‘projects,’ ‘intends,’ ‘should,’ ‘seeks,’ ‘estimates,’ ‘future’ or similar expressions or by discussion of, among other things, strategy, goals, plans or intentions. These statements may include financial projections and estimates and their underlying assumptions, statements regarding plans, objectives and expectations with respect to future operations, products and services, and statements regarding future performance. Actual results may differ materially in the future from those reflected in forward-looking statements contained in this document, due to various factors, including the potential impact of COVID-19. Further information regarding these risks, uncertainties and other factors are included in the Company’s most recent Annual Report on Form 20-F filed with the U.S. Securities and Exchange Commission (the “SEC”) and in the Company’s other filings with the SEC.

# Agenda

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- Welcome
- Q4'20 & 2020 Operating Results      S.J. Cheng
- Q4'20 & 2020 Financial Results      Silvia Su
- Q1'21 Business Outlook      S.J. Cheng
- Q&A





## Q4'20 & 2020 Operating Results

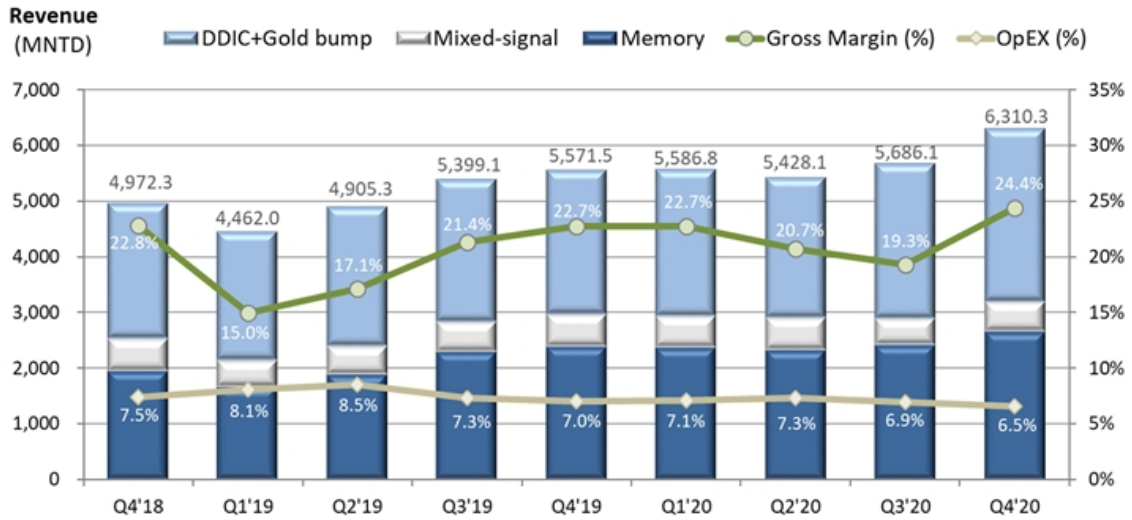
# Revenue & Gross Margin

## □ Revenue:

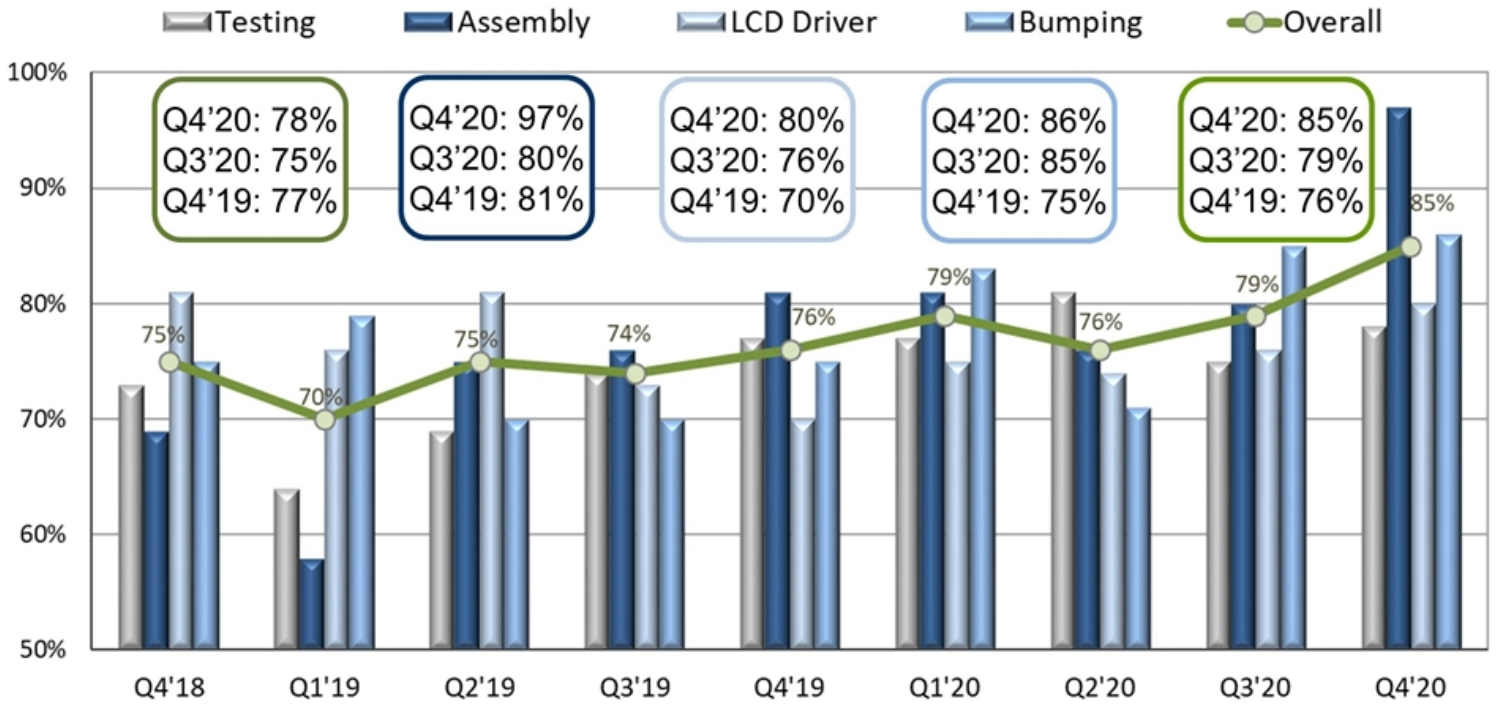
- Q4'20: NT\$6,310.3M (QoQ +11.0%, YoY +13.3%) new quarterly record high
- 2020: NT\$23,011.4M (YoY +13.1%)

## □ Gross Margin:

- Q4'20: 24.4% (QoQ: +5.1ppts, YoY: +1.7ppts)
- 2020: 21.9% (YoY: +2.6ppts)

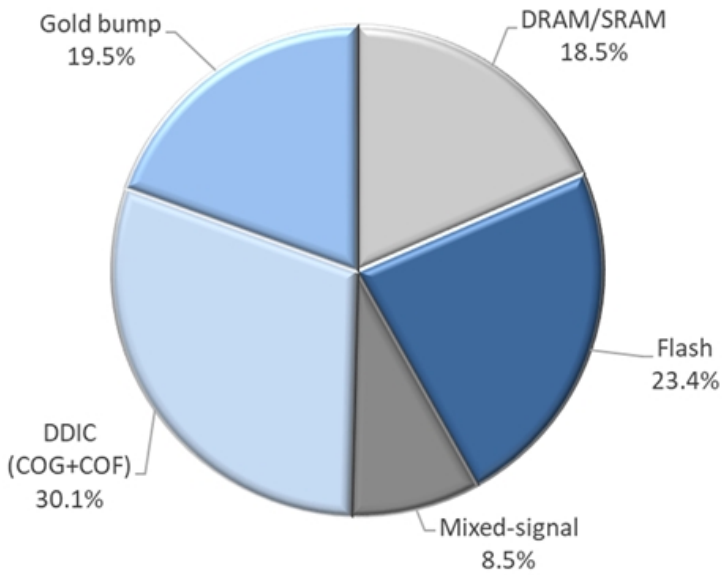


# Utilization Rate

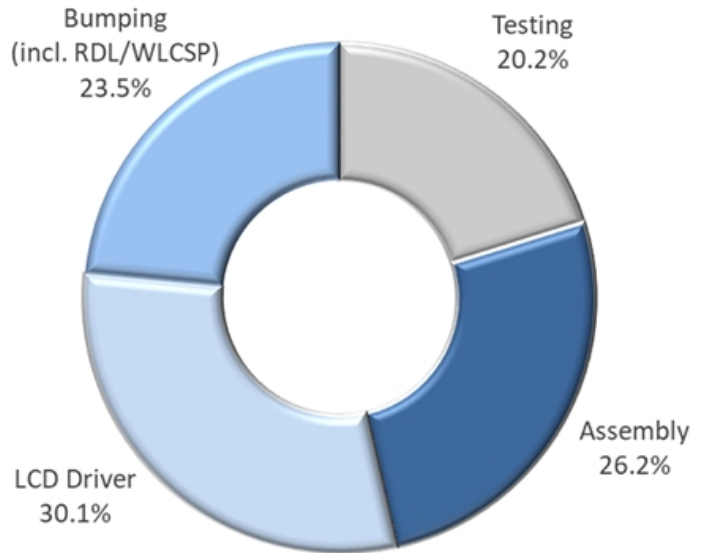


# Q4'20 Revenue Breakdown

## Product Segment

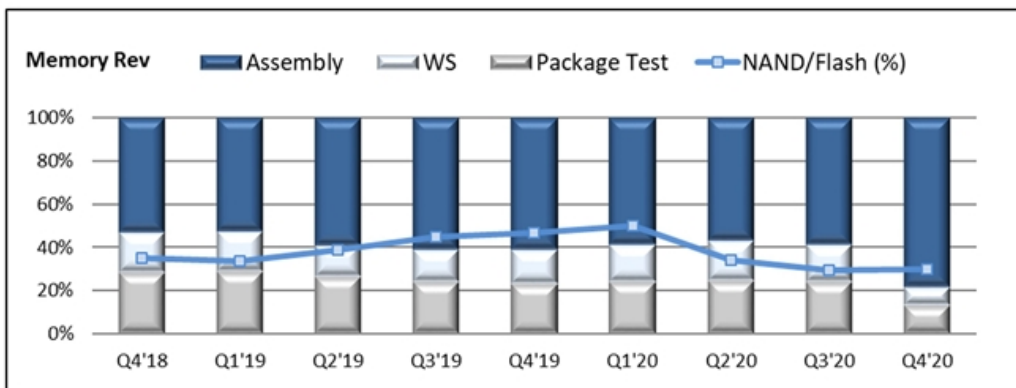
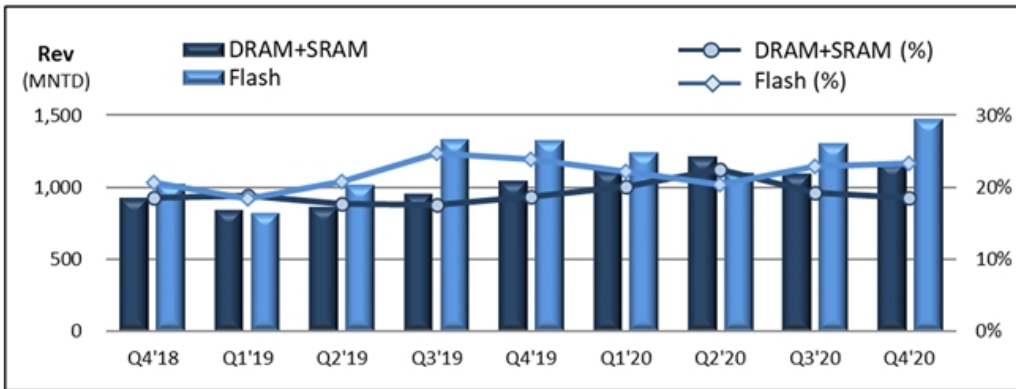


## Manufacturing Site



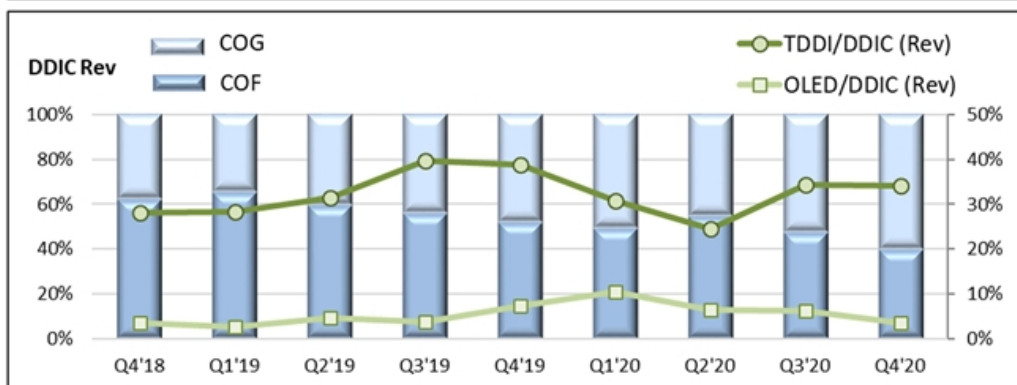
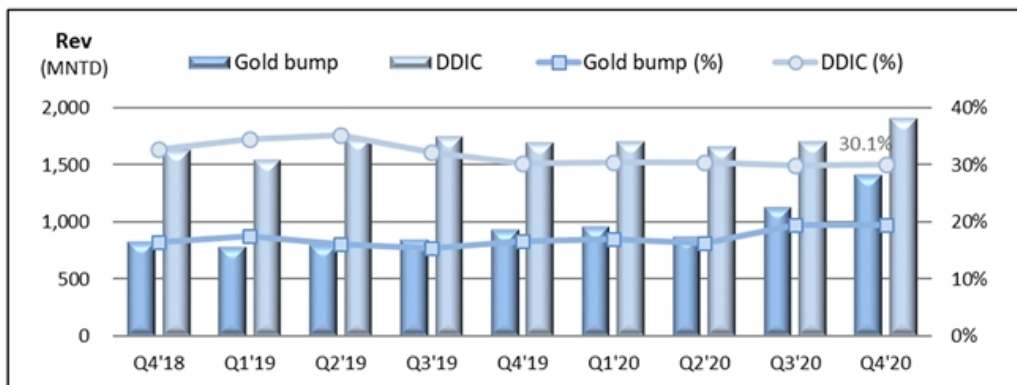
# Revenue Breakdown – Memory

□ Q4'20: 41.9% (QoQ: +10.2%, YoY: +11.6%)



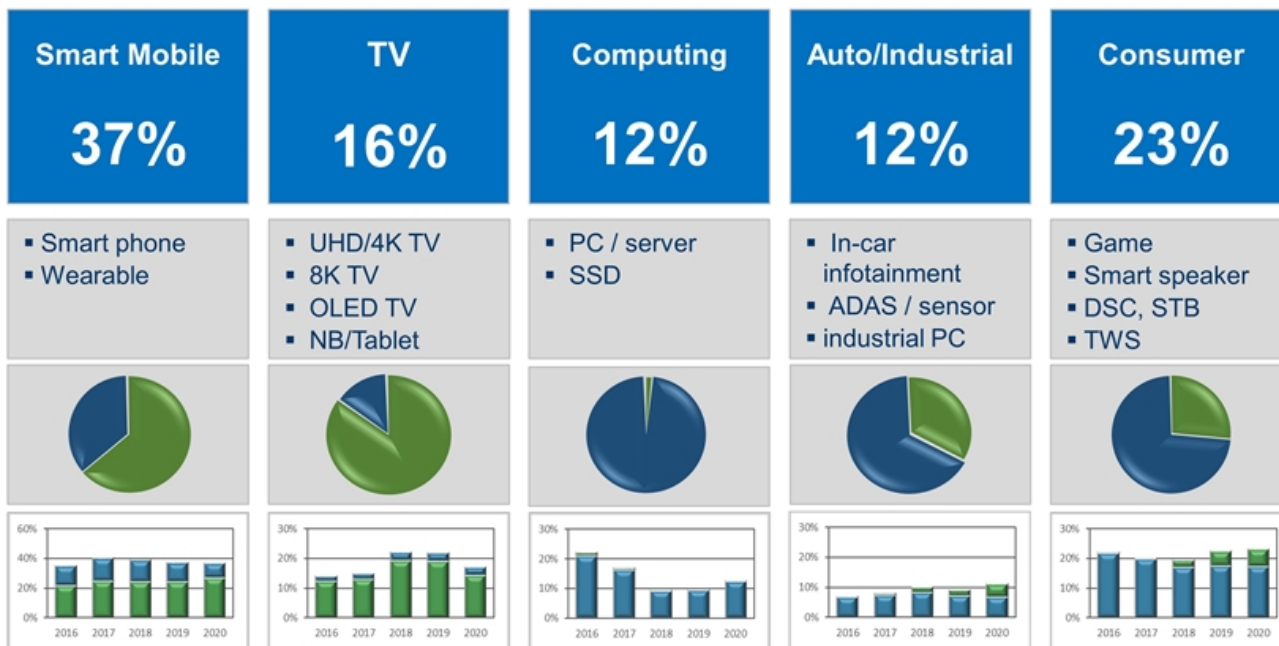
# Revenue Breakdown – DDIC + Gold Bump

□ Q4'20: 49.6% (QoQ: +11.7%, YoY: +19.9%)



# Revenue Breakdown – Application

## Content Performance of Q4'20



DDIC & Gold bump



Memory & Mixed-signal



## Q4'20 & 2020 Financial Results



## Consolidated Operating Results Summary

(NT\$ Millions)	Q4'20	Q3'20	Q4'19
Revenue	6,310.3	5,686.1	5,571.5
Profit Attributable to the Company	686.4	423.4	530.0
EPS Attributable to the Company - Basic (NT\$)	0.94	0.58	0.73
Earnings per ADS equivalent - Basic (US\$) <sup>(1)</sup>	0.67	0.41	0.52
Depreciation & Amortization	1,059.8	1,063.1	958.1
CapEx	1,760.1	423.9	1,703.7
EBITDA <sup>(2)</sup>	2,219.4	1,780.7	1,858.7
Return on Equity (%) <sup>(3)</sup>	13.4%	8.5%	10.9%

### Notes:

(1) The exchange rate was NT\$28.08 against to US\$1.00

(2) EBITDA = Operating Profit + Depreciation & Amortization

(3) Annualized return on equity to the Company for the quarter

# Consolidated Statements of Comprehensive Income

## Selected Items from Consolidated Statements of Comprehensive Income

(NT\$ Millions)	Q4'20	Q3'20	QoQ	Q4'19	YoY
Revenue	6,310.3	5,686.1	11.0%	5,571.5	13.3%
Gross Profit	1,541.4	1,095.6	40.7%	1,266.9	21.7%
Gross Margin	24.4%	19.3%	5.1ppts	22.7%	1.7ppts
Operating Expenses	-412.8	-394.4	-4.7%	-392.0	-5.3%
Operating Profit	1,159.6	717.6	61.6%	900.6	28.8%
Operating Profit Margin	18.4%	12.6%	5.8ppts	16.2%	2.2ppts
Non-operating Income (Expenses) <sup>(1)</sup>	-277.6	-178.5	-55.5%	-224.7	-23.5%
Profit Attributable to the Company	686.4	423.4	62.1%	530.0	29.5%
EPS Attributable to the Company - Basic (NT\$)	0.94	0.58	62.1%	0.73	28.8%
Weighted Average Shares Outstanding (in thousands) - Basic	727,240	727,240	0.0%	727,240	0.00%
EPS Attributable to the Company - Diluted (NT\$)	0.94	0.58	62.1%	0.73	28.8%
Weighted Average Shares Outstanding (in thousands) - Diluted	730,106	729,351	0.1%	729,443	0.1%

Note(1) :

QoQ: Difference mainly due to the increase of the share of loss of associates accounted for using equity method of NT\$49M and foreign exchange loss of NT\$47M.

YoY: Difference mainly due to the increase of the share of loss of associates accounted for using equity method of NT\$44M.

# Consolidated Statements of Comprehensive Income

## Selected Items from Consolidated Statements of Comprehensive Income

(NT\$ Millions)	2020	2019	YoY
Revenue	23,011.4	20,337.9	13.1%
Gross Profit	5,032.2	3,926.1	28.2%
Gross Margin	21.9%	19.3%	2.6ppts
Operating Expenses	-1,601.2	-1,561.9	-2.5%
Operating Profit	3,566.5	2,457.1	45.2%
Operating Profit Margin	15.5%	12.1%	3.4ppts
Non-operating Income (Expenses) <sup>(1)</sup>	-593.1	573.2	-203.5%
Profit Attributable to the Company	2,367.5	2,584.2	-8.4%
EPS Attributable to the Company - Basic (NT\$)	3.26	3.55	-8.2%
Earnings per ADS equivalent - Basic (US\$)	2.32	2.53	-8.3%
Weighted Average Shares Outstanding (in thousands) - Basic	727,240	727,111	0.0%
EPS Attributable to the Company - Diluted (NT\$)	3.21	3.51	-8.5%
Earnings per ADS equivalent - Diluted (US\$)	2.29	2.50	-8.4%
Weighted Average Shares Outstanding (in thousands) - Diluted	736,908	737,116	0.0%

Note(1):

Difference mainly due to the decrease of the gain on disposal of investment accounted for using equity method of NT\$982M and the increase of foreign exchange loss of NT\$200M.

## Consolidated Statements of Financial Position & Key Indices

### Selected Items from Consolidated Statements of Financial Position

(NT\$ Millions)	Q4'20		Q3'20		Q4'19	
	Amount	%	Amount	%	Amount	%
Current Assets	12,356.1	35.2%	12,317.7	36.1%	11,762.4	34.3%
Non-current Assets	22,724.7	64.8%	21,833.2	63.9%	22,543.5	65.7%
Total Assets	35,080.8	100.0%	34,150.9	100.0%	34,305.9	100.0%
Current Liabilities	5,620.0	16.0%	4,084.8	12.0%	4,901.7	14.3%
Non-current Liabilities	8,629.1	24.6%	9,991.0	29.2%	9,753.0	28.4%
Total Liabilities	14,249.1	40.6%	14,075.8	41.2%	14,654.7	42.7%
Total Equity	20,831.7	59.4%	20,075.1	58.8%	19,651.2	57.3%
Total Liabilities and Equity	35,080.8	100.0%	34,150.9	100.0%	34,305.9	100.0%
Key Indices						
A/R Turnover Days	73		74		80	
Inventory Turnover Days	40		44		38	

## Consolidated Statements of Cash Flows

(NT\$ Millions)	2020	2019
Cash and Cash Equivalents at Beginning of Year	4,704.1	4,642.5
Net Cash Generated from(used in) Operating Activities	5,940.2	5,992.9
Net Cash Generated from(used in) Investing Activities	-3,799.3	-4,248.3
Net Cash Generated from(used in) Financing Activities	-2,720.2	-1,677.3
Effect of Exchange Rate Change on Cash	-11.1	-5.7
Cash and Cash Equivalents at End of Year	4,113.7	4,704.1
Free Cash Flow <sup>(1)</sup>	1,558.9	-133.3

Note(1):

Difference mainly due to the increase of the operating profit of NT\$1,109M and the decrease of the CapEx of NT\$763M.

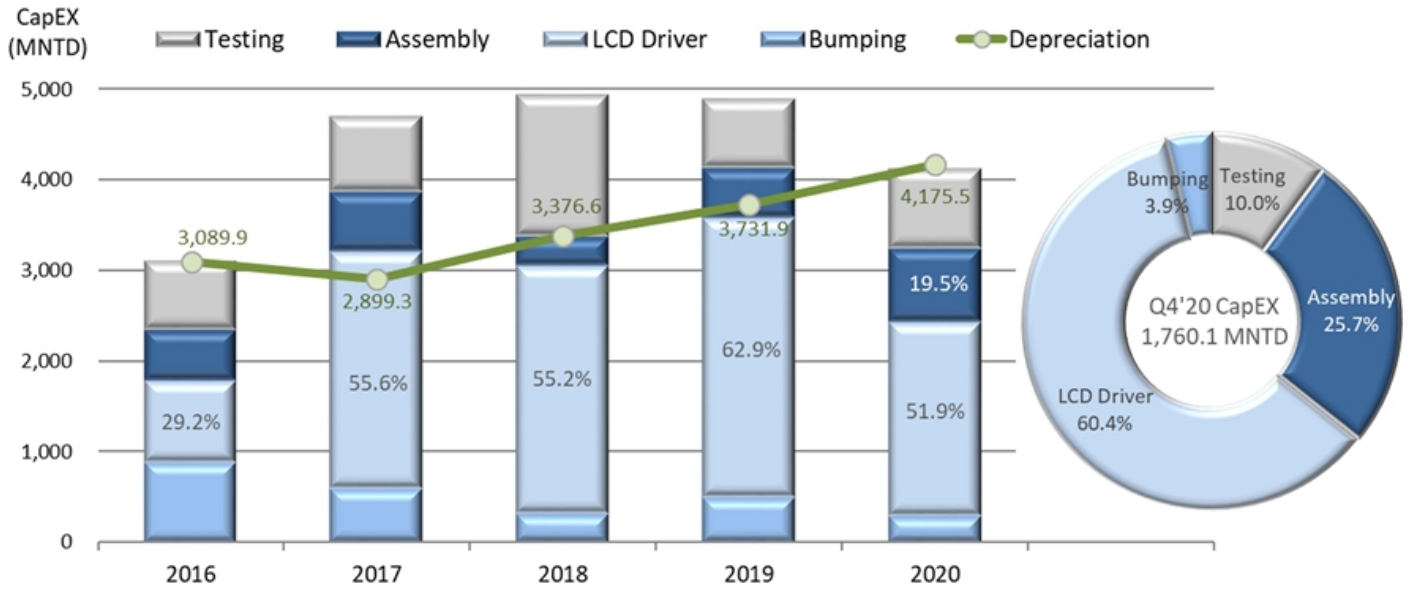
# Capital Expenditures & Depreciation

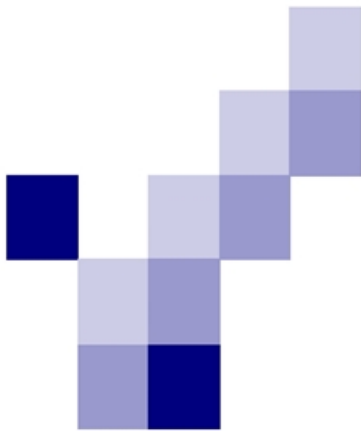
## CapEX:

■ Q4'20: NT\$1,760.1M; 2020: NT\$4,133.6M

## Depreciation:

■ Q4'20: NT\$1,059.8M; 2020: NT\$4,175.5M





## Q1'21 Business Outlook

## Market & Business Outlook

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- ❑ Semiconductor market continues with component shortages impacting most end markets
- ❑ Strong demand with capacity constraints supports higher prices
- ❑ Capacity being added strategically, with ChipMOS customers seeking to lock-in capacity over a longer timeframe
  - Memory: Increased assembly price to reflect cost increases and tight capacity
    - ✓ DRAM: Demand likely to gain vs Q4'20 with customers re-stocking
    - ✓ Flash: Anticipate bolstered momentum continuing
  - DDIC: 2<sup>nd</sup> 5~10% price increase expected in Q1'21
    - ✓ Mid/Large panel (NB/Tablet/TV): Gaining more allocation share
    - ✓ Small panel (Smart phone): Continued strong TDDI demand



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# Q&A

<https://www.chipmos.com>