



超豐電子股份有限公司  
GREATEK ELECTRONICS INC.

# 2017 INSTITUTIONAL INVESTORS CONFERENCE

JAN. 30, 2018  
[www.greatek.com.tw](http://www.greatek.com.tw)

2441

PROMISE  
TECHNOLOGY  
INTEGRATION

# Safe Harbor Statement

**This following presentation may include predictions, estimates or other information that might be considered forward-looking.**

**These forward-looking statements are based on information available to Greatek as of the date of this conference and current expectations, forecasts and assumptions, and involve a number of risks and uncertainties that could cause actual results to differ materially from those anticipated by these forward-looking statements. You are cautioned not to place undue reliance on these forward-looking statements and please keep in mind that except as required by law, we are not obligating ourselves to revise or publicly release the results of any revision to these forward-looking statements.**

# Agenda

- **Financial Results**
- **Business Highlights**
- **Business Outlook**
- **Q&A**

# 2017 Financial Results



# 2017 Quarterly Statement of Comprehensive Income

NTD Million

| Account                        | 1Q17  | 2Q17  | 3Q17  | 4Q17  | 2017   |
|--------------------------------|-------|-------|-------|-------|--------|
| Net Sales                      | 2,761 | 2,956 | 3,106 | 3,129 | 11,952 |
| Operating Costs                | 1,930 | 2,115 | 2,217 | 2,239 | 8,501  |
| Gross Margin                   | 831   | 841   | 889   | 890   | 3,451  |
| Gross Margin %                 | 30.1% | 28.5% | 28.6% | 28.4% | 28.9%  |
| Operating Expenses             | 107   | 118   | 113   | 129   | 467    |
| Operating Income               | 724   | 723   | 776   | 761   | 2,984  |
| Non-operating Income & Expense | (47)  | 20    | 12    | (10)  | (25)   |
| Income Before Income Tax       | 677   | 743   | 788   | 751   | 2,959  |
| Income Tax Expense             | 78    | 155   | 113   | 104   | 450    |
| Net Income                     | 599   | 588   | 675   | 647   | 2,509  |
| EPS(NTD)                       | 1.05  | 1.03  | 1.19  | 1.14  | 4.41   |

Remark 1. The financial statement of 4Q17 was un-audited.  
2. Outstanding shares of Dec 31, 2017 were 568,846K shares.

# YoY Comparison of 4Q17 Statement of Comprehensive Income

NTD Million

| Account                        | 4Q17  | %      | 4Q16  | %      | YoY%     |
|--------------------------------|-------|--------|-------|--------|----------|
| Net Sales                      | 3,129 | 100.0% | 2,856 | 100.0% | 9.6%     |
| Operating Costs                | 2,239 | 71.6%  | 2,106 | 73.7%  | 6.3%     |
| Gross Margin                   | 890   | 28.4%  | 750   | 26.3%  | 18.7%    |
| Operating Expenses             | 129   | 4.1%   | 123   | 4.3%   | 4.9%     |
| Operating Income               | 761   | 24.3%  | 627   | 22.0%  | 21.4%    |
| Non-operating Income & Expense | (10)  | (0.3%) | 43    | 1.5%   | (123.3%) |
| Income Before Income Tax       | 751   | 24.0%  | 670   | 23.5%  | 12.1%    |
| Income Tax Expense             | 104   | 3.3%   | 76    | 2.7%   | 36.8%    |
| Net Income                     | 647   | 20.7%  | 594   | 20.8%  | 8.9%     |
| EPS(NTD)                       | 1.14  |        | 1.05  |        | 8.6%     |

Remark 1. The financial statement of 4Q17 was un-audited.  
2. Outstanding shares of 4Q17 & 4Q16 were 568,846K shares.

# Annual Comparison of Statement of Comprehensive Income

NTD Million

| Account                        | 2017   | %      | 2016   | %      | YoY %    |
|--------------------------------|--------|--------|--------|--------|----------|
| Net Sales                      | 11,952 | 100.0% | 10,572 | 100.0% | 13.1%    |
| Operating Costs                | 8,501  | 71.1%  | 7,627  | 72.1%  | 11.5%    |
| Gross Margin                   | 3,451  | 28.9%  | 2,945  | 27.9%  | 17.2%    |
| Operating Expenses             | 467    | 3.9%   | 451    | 4.3%   | 3.5%     |
| Operating Income               | 2,984  | 25.0%  | 2,494  | 23.6%  | 19.6%    |
| Non-operating Income & Expense | (25)   | (0.2%) | 35     | 0.3%   | (171.4%) |
| Income Before Income Tax       | 2,959  | 24.8%  | 2,529  | 23.9%  | 17.0%    |
| Income Tax Expense             | 450    | 3.8%   | 290    | 2.7%   | 55.2%    |
| Net Income                     | 2,509  | 21.0%  | 2,239  | 21.2%  | 12.1%    |
| EPS(NTD)                       | 4.41   |        | 3.94   |        | 11.9%    |

Remark 1. The financial statement of 2017 was un-audited.  
2. Outstanding shares of 2017 & 2016 were 568,846K shares.

## Balance Sheet as of Dec. 31, 2017

NTD Million

| Account                                           | Amount        | %             |
|---------------------------------------------------|---------------|---------------|
| Cash and Cash Equivalents                         | 3,344         | 18.4%         |
| Current Assets                                    | 7,477         | 41.2%         |
| Non-Current Assets                                | 10,663        | 58.8%         |
| <b>Total Assets</b>                               | <b>18,140</b> | <b>100.0%</b> |
| Current Liabilities                               | 2,397         | 13.2%         |
| Non-Current Liabilities                           | 219           | 1.2%          |
| <b>Total Liabilities</b>                          | <b>2,616</b>  | <b>14.4%</b>  |
| <b>Shareholders' Equity</b>                       | <b>15,524</b> | <b>85.6%</b>  |
| <b>Total Liabilities and Shareholders' Equity</b> | <b>18,140</b> | <b>100.0%</b> |

- Remark 1. Net worth per share as of Dec 31, 2017 was NT\$27.29 .
2. The financial statement of 2017 was un-audited.
3. Outstanding shares of Dec 31, 2017 were 568,846K shares.

# 2017 Business Highlights



## Key Highlights for 2017 Results

|      | Revenue                             | Gross Margin %         | EPS                               |
|------|-------------------------------------|------------------------|-----------------------------------|
| 2017 | ◎ NT\$ 11.9 Billion<br>YoY up 13.1% | ◎ 28.9%<br>YoY up 1%   | ◎ NT\$ 4.41/share<br>YoY up 11.9% |
| 2016 | ◎ NT\$ 10.6 Billion<br>YoY up 10.8% | ◎ 27.9%<br>YoY up 0.7% | ◎ NT\$ 3.94/share<br>YoY up 13.5% |

Overall

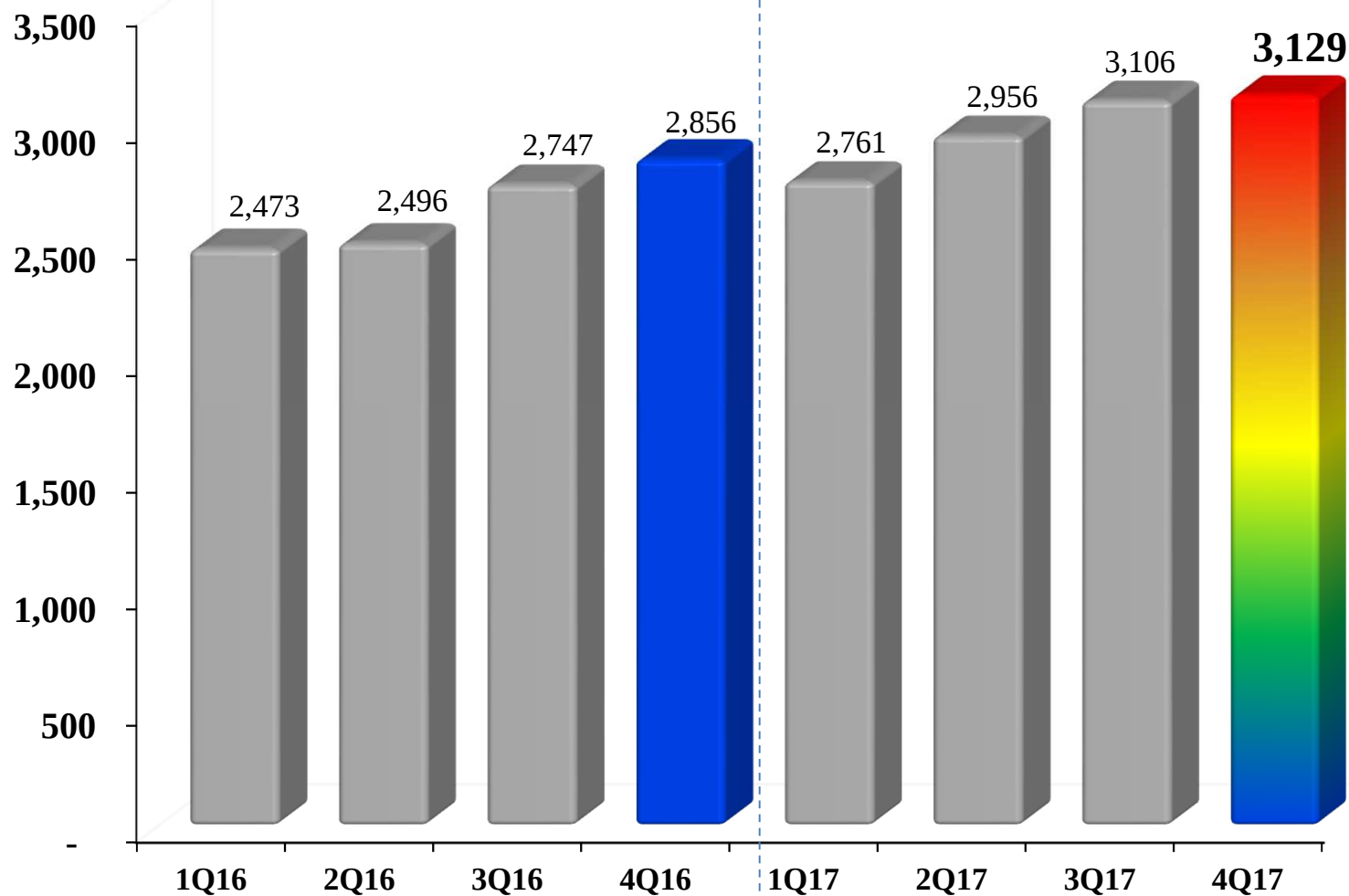
2017 Revenue set a record high

# Greatek Quarterly Revenue

(In NTD M)

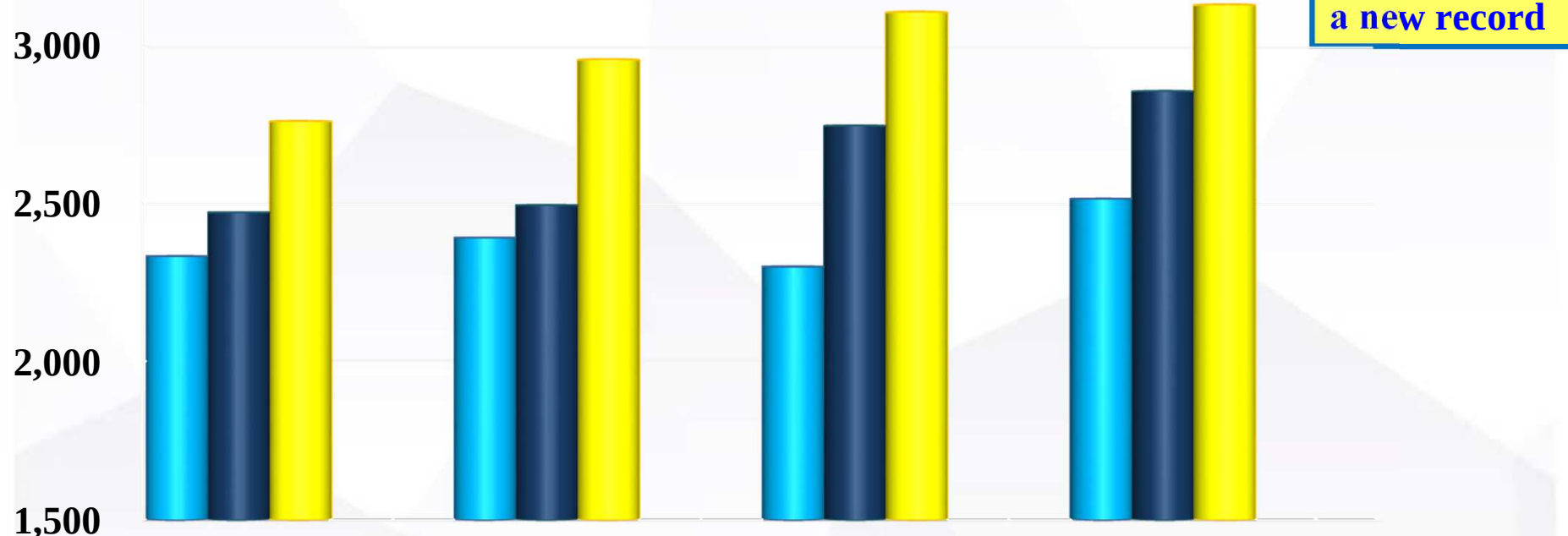
Year 2016

Year 2017



# Comparison of Greatek Quarterly Revenue

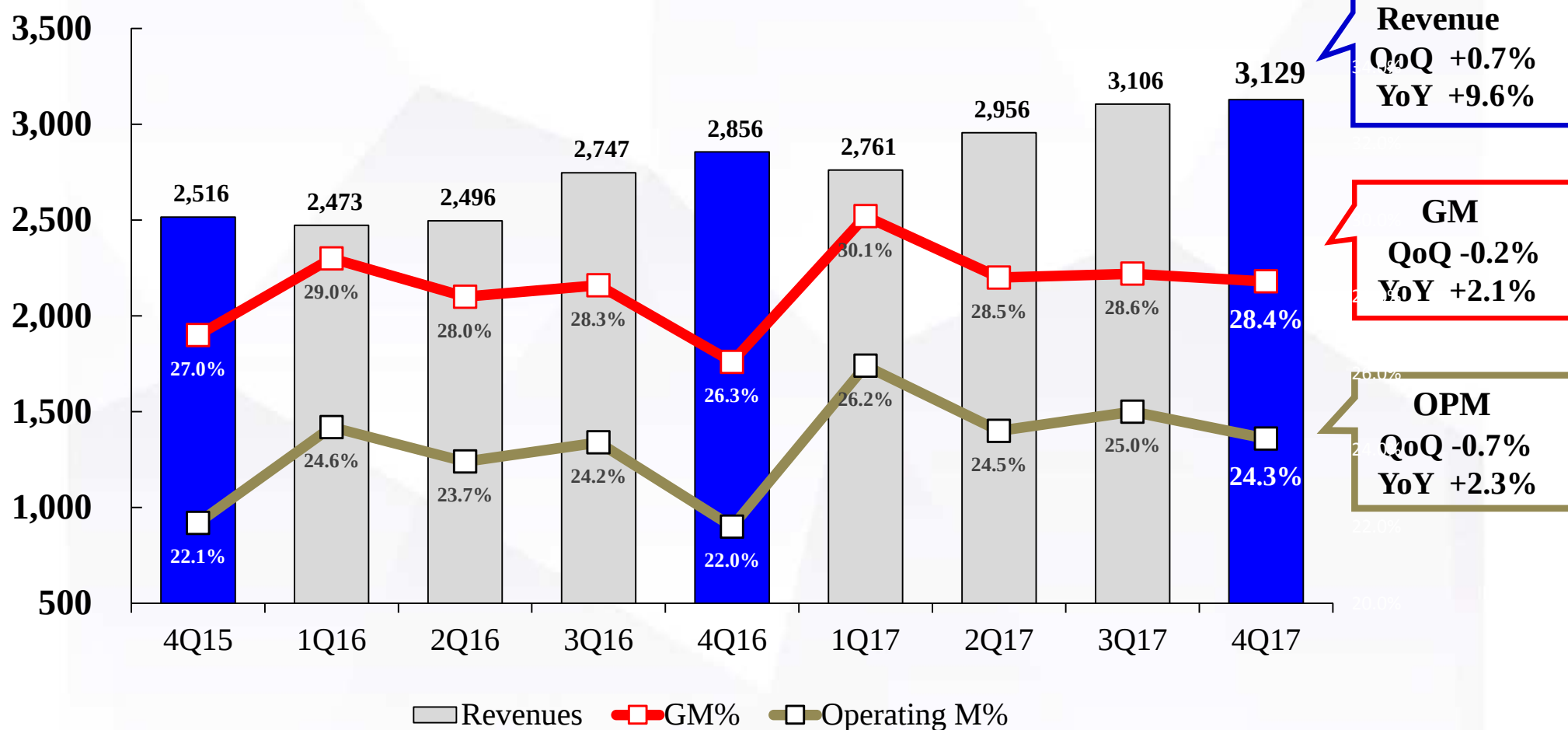
(In NTD M)



|      | Q1    | Q2    | Q3    | Q4    | Total  |
|------|-------|-------|-------|-------|--------|
| 2015 | 2,332 | 2,393 | 2,299 | 2,516 | 9,540  |
| 2016 | 2,473 | 2,496 | 2,747 | 2,856 | 10,572 |
| 2017 | 2,761 | 2,956 | 3,106 | 3,129 | 11,952 |
| QoQ  | -3.3% | 7.1%  | 5.1%  | 0.7%  |        |
| YoY  | 11.7% | 18.4% | 13.1% | 9.6%  | 13.1%  |

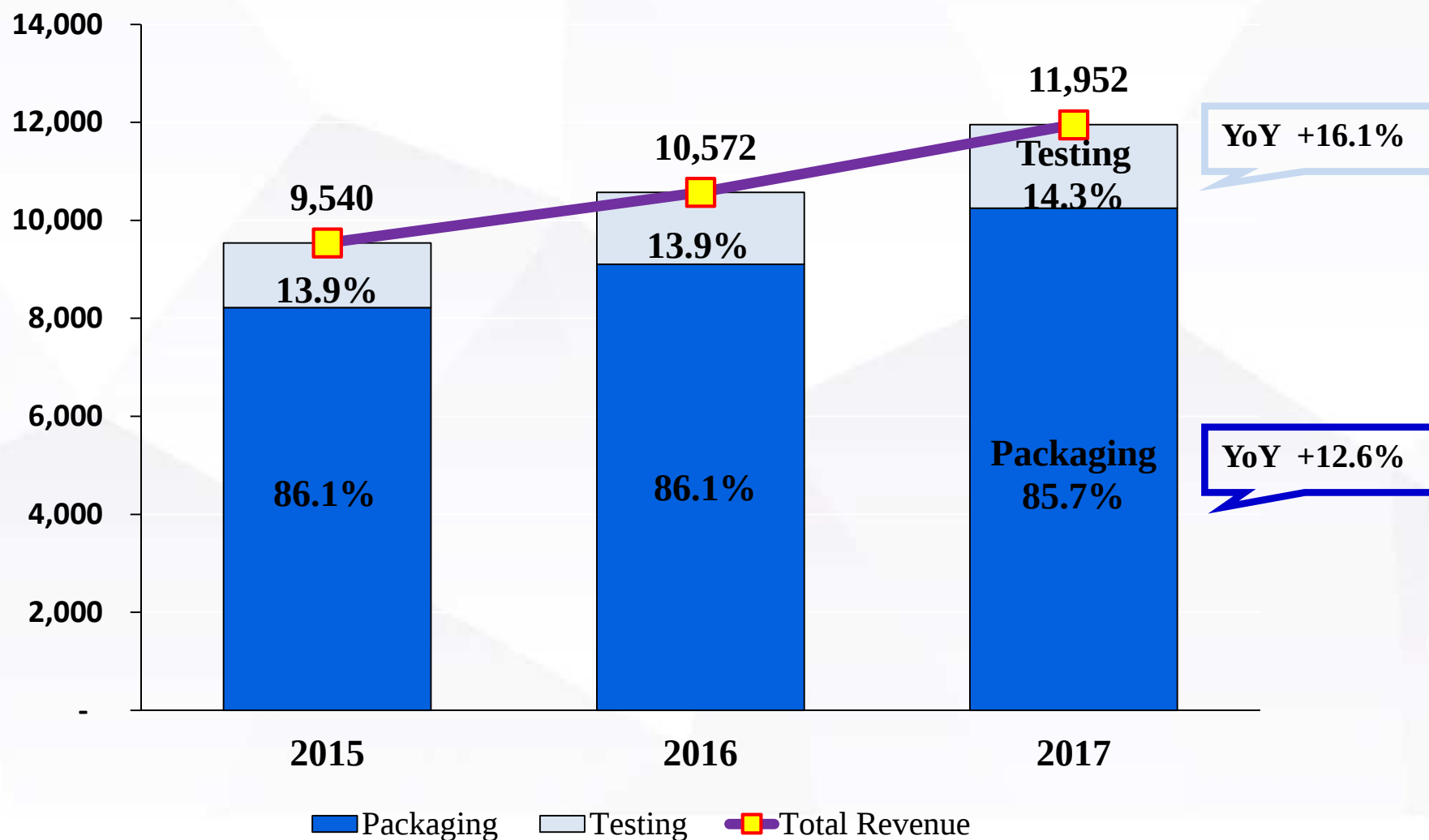
# Quarterly Revenues, GM% and OPM%

(In NTD M)



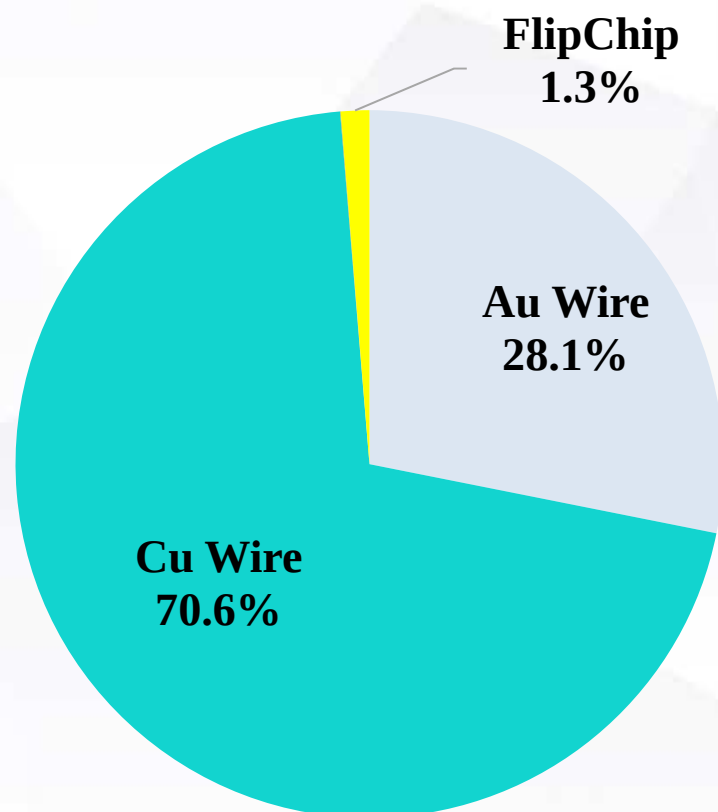
# Annual Revenue % By Service

(In NTD M)

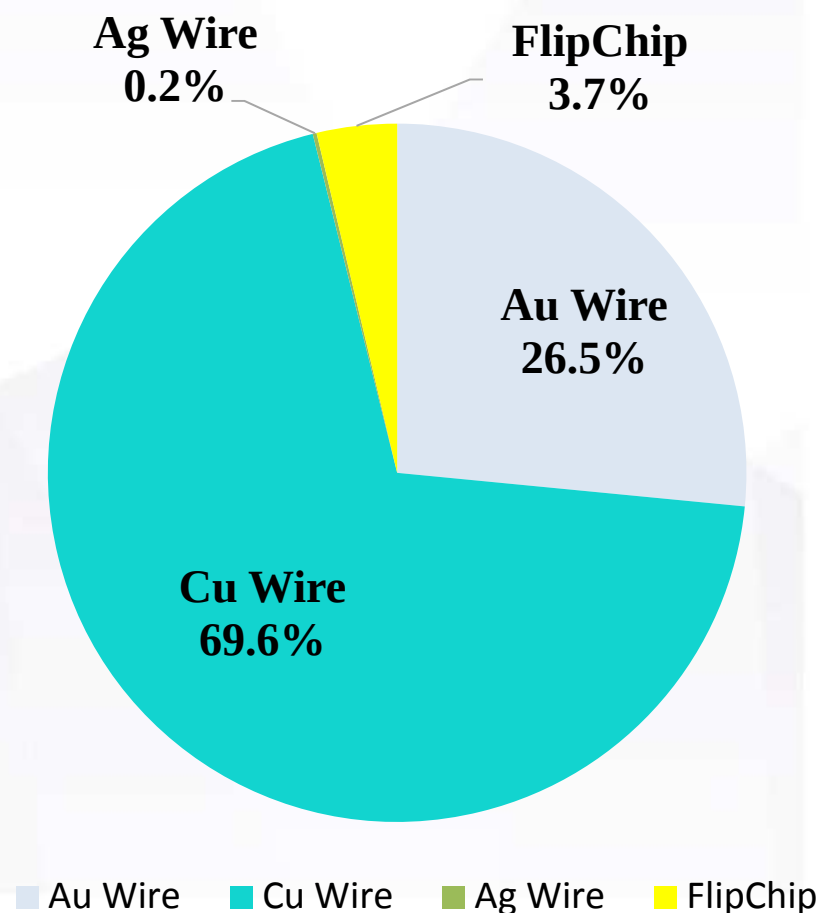


## Comparison of Revenue Breakdown by Assembly Process

2016

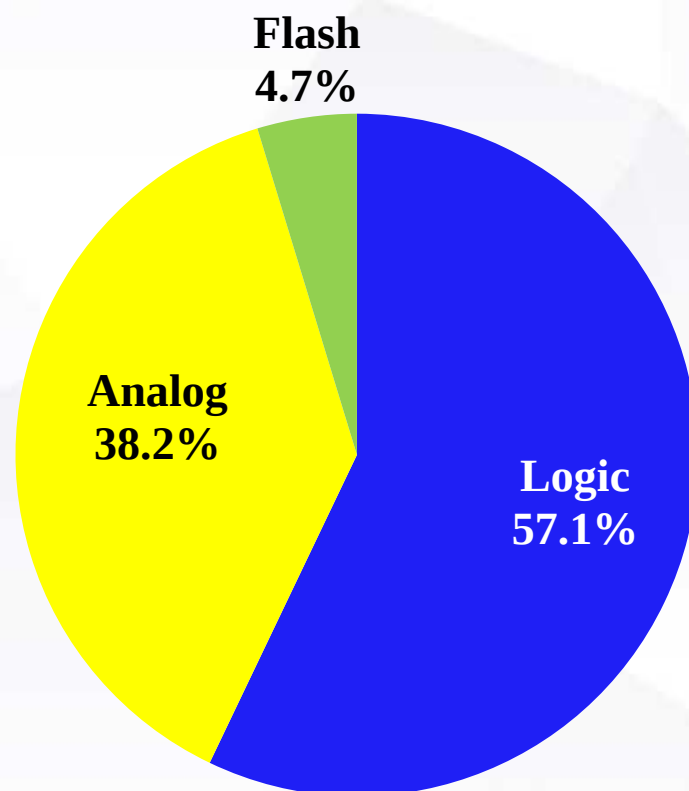


2017

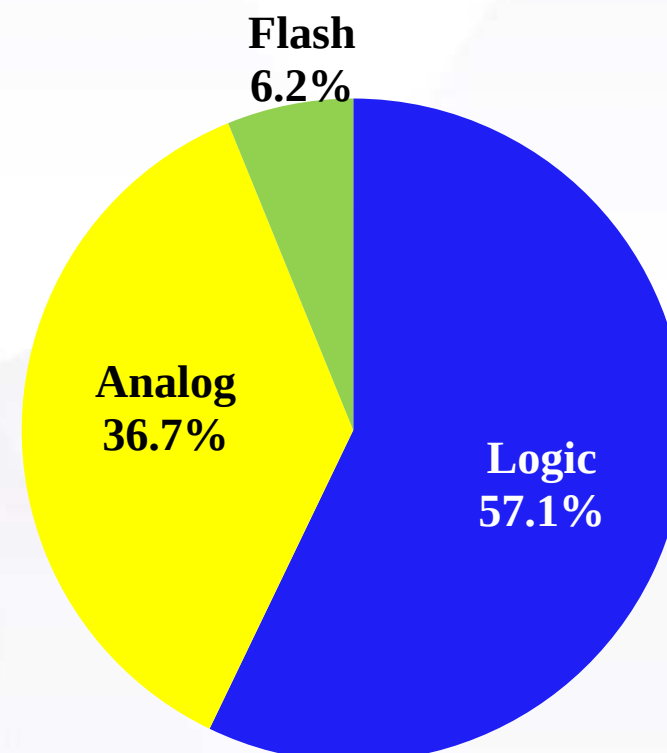


## Comparison of Revenue Breakdown by Product

2016



2017



■ Logic ■ Analog ■ Flash

# Business Outlook



## 2017 Greatek Financial Results

### 2017 performance met expectations.

- Revenue reached a historical high of NT\$11.95 billion, YoY up 13.1%.
- Revenue growth contributed by:
  - (1) Strong demand in semiconductor industry.
  - (2) Increasing demand in automotive packages, HPC, and flash memory.
  - (3) Double-digit revenue growth from international customers.
  - (4) Strong demand from domestic customers.
  - (5) Customized to the market trend and provide solutions.

## 2017 Greatek Financial Results (Continued)

- GM% was 28.9%, up by 1% compared to 27.9% in 2016.
  - (1) Increasing demands in specific applications.
  - (2) Competitive advantages in costs.
  - (3) High utilization rate.
- EPS was NT\$4.41, increased by ND\$ 0.47 compared to 2016.

## 2018 Greatek Business Outlook

- Continue to invest in conventional packages.
- 2018 outlook remains positive from the application of 5G, AI, IoT, HPC, etc.
- Greatek expects bumping and WLCSP backend loading to reach full capacity in 2H18.
- More international and domestic customers expect to start mass production in 2H18.

## Greatek Business Strategy

**Improving R&D capability and developing new technologies.**

- ◎ BGA / LGA Production
- ◎ FC / CSP
- ◎ FC-TSOT series
- ◎ MEMS SENSOR
- ◎ Automotive Packages
- ◎ Security IC Assembly

## Greatek Business Strategy

### CAPEX

- ◎ Continue to invest in Toufen's bumping capacity and packages.
- ◎ Increasing capacity and conduct cost reduction in QFN & conventional packages.
- ◎ Expanding testing capability and capacity.
- ◎ Replacement & enhancement of existing equipment.
- ◎ Engaged in new type of wafer testing.

# Q&A



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*Thank you*