

Investor Conferences

3Q_2019

Sitronix Technology Corp.
矽創電子股份有限公司
8016 : TT



Sitronix

公司簡介

| | |
|-----------|-------------------|
| 公司名稱 | 矽創電子股份有限公司 |
| 成立日期 | 1998年7月 |
| 資本額 | 40M USD |
| 董事長暨執行長 | 毛穎文 Vincent Mao |
| 員工數 | 402 (集團: 763) |
| 總公司 | 新竹 |
| 辦事處 | 臺北 / 深圳 / 上海 / 合肥 |
| 臺灣證券交易所上市 | 2003年12月 (8016) |



Sitronix

Display Driver IC



FORCELEAD (76%)

mCore

MCU/DSP (91%)



HeFei

Touch controller (84%)
Fingerprint IC



INFST

Power Management IC (64%)



sensortek

Sensor IC (50.4%)



產品組合

Mobile Displays

Mobile Display Driver IC
(手機顯示器)

Industrial & Automotive Displays

Automotive Display Driver IC
(車載顯示器)

Industrial Display Driver IC
(工控顯示器)

Sensor & SoC

System on Chip (SoC) products
(其他非顯示器 IC)



Subsidiaries



Sitronix

Subsidiaries

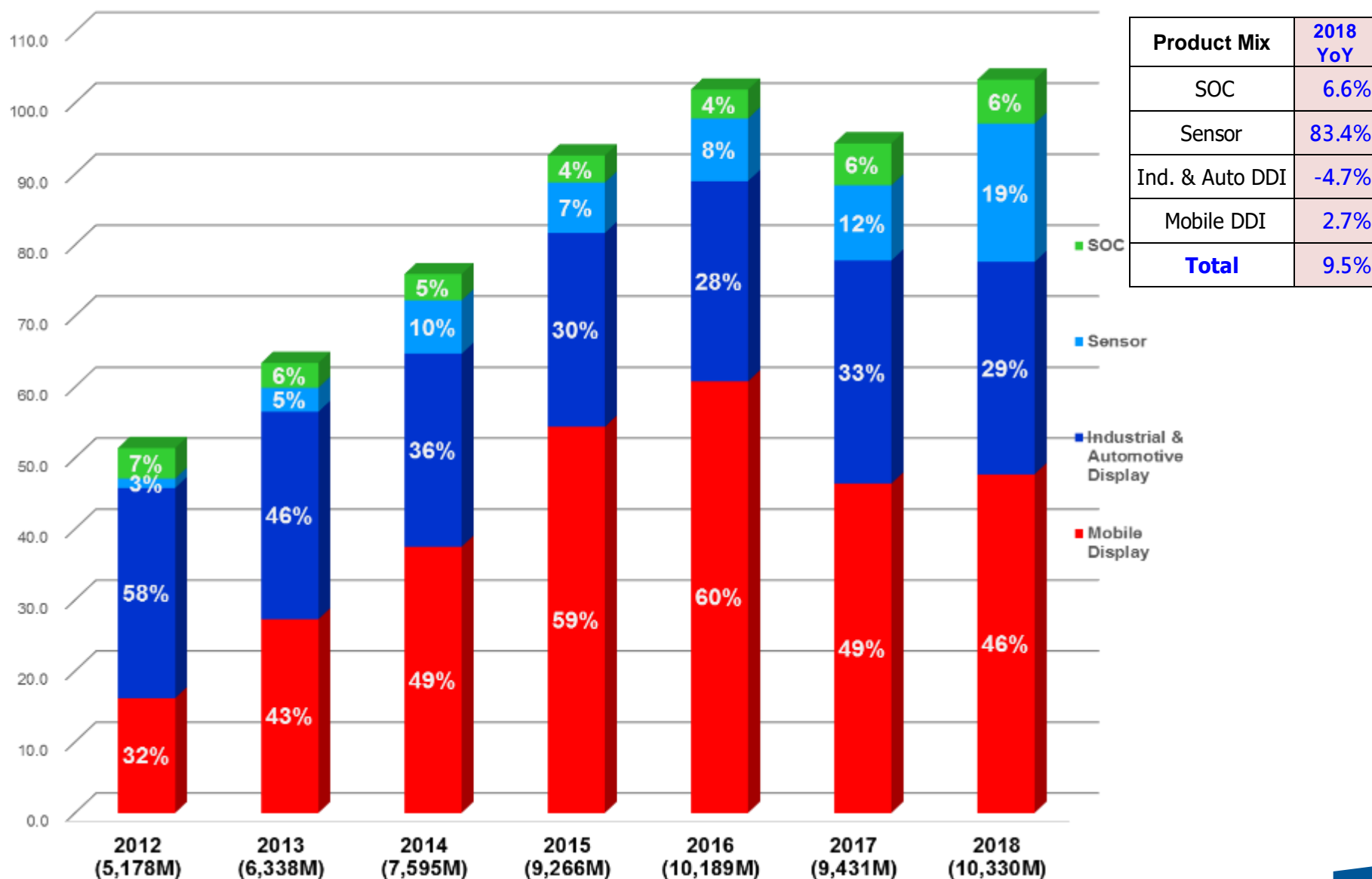
mCore (91%)

INFST (64%)

HFST (84%)

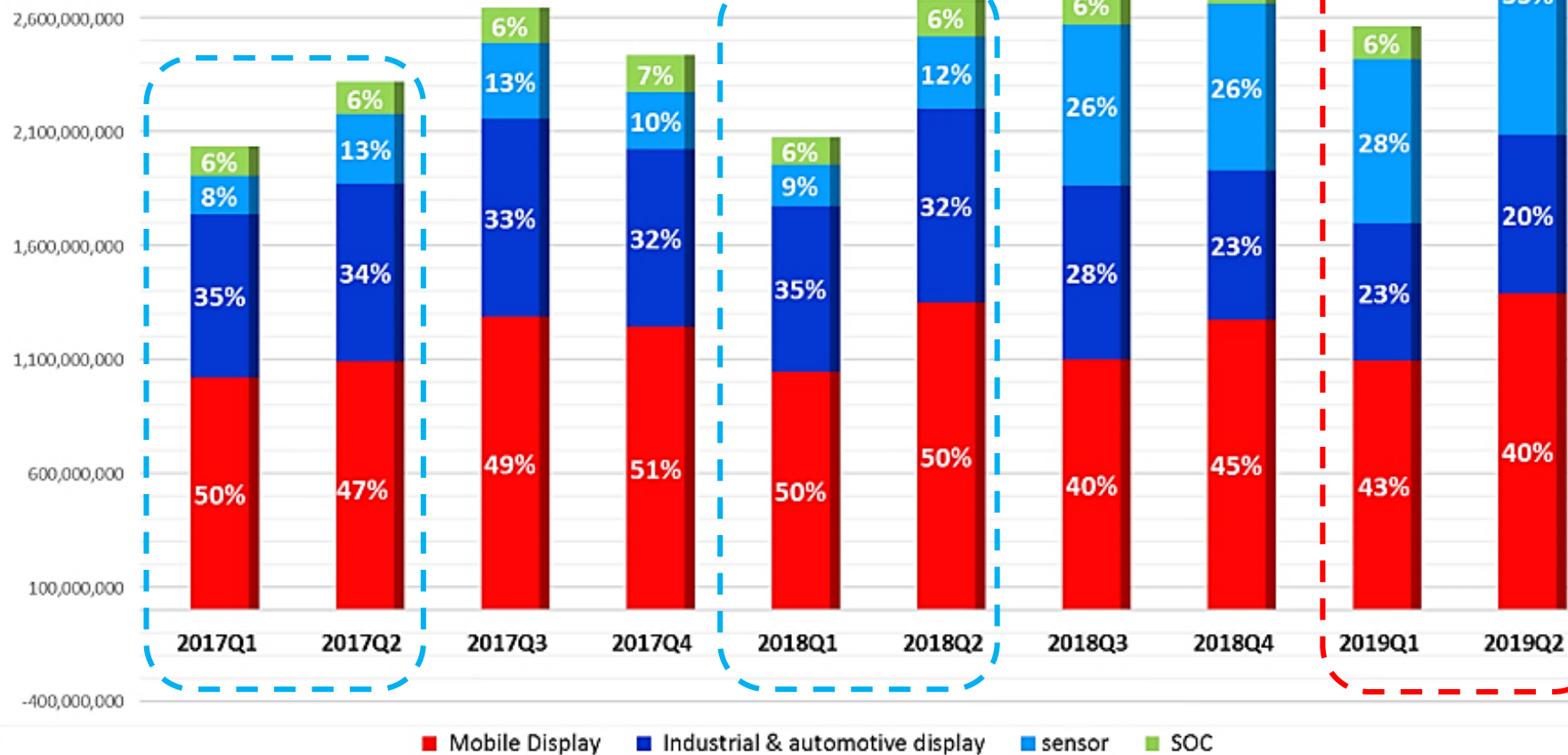
sensortek (50.4%)

2012-2018 合併營收_依產品組合分類



產品組合 & Q2 比率

| Product Mix | 19Q2 QoQ | 19Q2 YoY |
|-----------------|--------------|--------------|
| SOC | 24.6% | 8.9% |
| Sensor | 72.5% | 290.7% |
| Ind. & Auto DDI | 15.4% | -18.2% |
| Mobile DDI | 27.0% | 3.2% |
| Total | 36.9% | 30.8% |



合併月營收數字(MoM/YoY), 2017 - 2019

| (K) ntd | 2017 | YoY_M | Quarterly amount | YoY_Q | 2018 | YoY_M | Quarterly amount | YoY_Q | 2019 | YoY_M | Quarterly amount | YoY_Q |
|------------|-----------|--------|---------------------|--------|------------|--------|---------------------|-------|-----------|-------|---------------------|-------|
| 1 | 600,199 | -32.0% | 2,034,300 | -11.3% | 781,237 | 30.2% | 2,074,724 | 2.0% | 920,272 | 17.8% | 2,561,593 | 23.5% |
| 2 | 622,643 | 12.9% | | | 462,190 | -25.8% | | | 657,782 | 42.3% | | |
| 3 | 811,458 | -5.7% | | | 831,297 | 2.4% | | | 983,539 | 18.3% | | |
| 4 | 750,792 | -9.6% | 2,318,317 | -3.3% | 860,299 | 14.6% | 2,682,651 | 15.7% | 1,104,244 | 28.4% | 3,507,731 | 30.8% |
| 5 | 710,736 | -10.2% | | | 901,245 | 26.8% | | | 1,200,808 | 33.2% | | |
| 6 | 856,789 | 10.4% | | | 921,107 | 7.5% | | | 1,202,679 | 30.6% | | |
| 7 | 881,044 | 8.6% | 2,643,141 | -8.1% | 922,769 | 4.7% | 2,746,000 | 3.9% | 1,275,772 | 38.3% | | |
| 8 | 891,613 | -9.2% | | | 901,386 | 1.1% | | | | | | |
| 9 | 870,484 | -19.6% | | | 921,845 | 5.9% | | | | | | |
| 10 | 781,637 | -20.4% | 2,435,304 | -7.2% | 940,776 | 20.4% | | 16.1% | | | | |
| 11 | 813,378 | -8.7% | | | 971,631 | 19.5% | | | | | | |
| 12 | 840,289 | 11.9% | | | 914,723 | 8.9% | | | | | | |
| Total | 9,431,062 | -7.4% | | -7.45% | 10,330,505 | 9.5% | | | 7,345,096 | | | |
| 1H | 1 - 6 | | | | 4,757,375 | | | | 6,069,324 | 27.6% | | |
| | 1 - 7 | | | | 5,680,144 | | | | 7,345,096 | 29.3% | | |

Unit: NT\$ thousands
Accounting standard: IFRS

手機顯示器驅動 ICs

Small-sized DDIC ... w/ Zero Cap

2018: > 490M pcs



Smartphone DDIC

WVGA 800x480 (Q4 15 MP) - Zero Cap.
HD720 1280x720 (Q4 17 MP) - Zero Cap.
FHD 1920x1080 (Q1 19 MP) - Zero Cap.

2017: > 90M

2018: > 130M pcs



4G Kids watch



Sport Cam / Pocket Cam



Wristband



Smart speaker



M_POS



車載顯示器驅動 ICs

< 6 inch displays

7 - 9 inch displays

Instrument Cluster Display

Analog



No Display

Hybrid (Analog + Digital)



Meters

Full Digital



Virtual
Cockpit



Automobile Monitors



Multi-Function CSD



Display Audio



Climate Control



Twin CSDs
Display Audio
+
Navigation



Rearview Mirror Display



Overhead Monitor



Dual Headrest

Segment TN

Character TN

Graphic STN

Mono TFT

Color TFT

- 新車趨勢 → 顯示器數增多
- 大尺寸顯示器案增多 → DDI 顆粒數增加 (Source & Gate 分離)

工控類顯示器驅動 ICs

- Industrial Display Driver IC
- Multimedia Display Driver IC
- New product: **Ultra low power DDI**
- New applications:
 - Portable medical devices / Healthcare products
 - Wearable products / Sports devices / E_Tag

TN / STN / mono TFT / color TFT

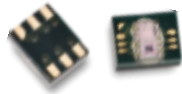


Applications : IoT / IA / OA / E-payment ...

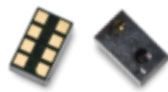
- Ultra low power DDI for ESL market
- > 4 inch applications transfer to new color TFT DDI

Light Sensor

Ambient Light Sensors
環境光感測器 → 調節螢幕亮度



Proximity Sensors
近接感測器 → 關屏(防誤觸)



Light sensor shipment

2017: >200M

2018: >340M

Smartphone application

- a. AMOLED display → 屏下距離感測方案
- b. LTPS TFT display → 狹縫距離感測方案

近年手機屏幕的變化：

**16:9
screen**



**Bezel-less
screen**



ALS / PS

● 水滴屏

狹縫 ALS/PS

狹縫 PS / 屏下 ALS

前攝旁 ALS/PS



● 全面屏

屏下 ALS/PS

狹縫 PS / 屏下 ALS



MEMS Sensor

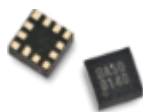
G sensor shipment

2017: >25M

2018: >30M

Accelerometers

加速度感測器 → 屏幕旋轉偵測



- ✓ G-sensor for Smartphone market
- ✓ Low power G-sensor for wearable & IoT devices

手機應用：

屏幕旋轉

遊戲

手勢偵測

接聽輔助



IoT應用：

跌倒偵測

運動偵測

睡眠偵測

抬手亮屏



PS+ALS+GS+整合演算法 → IoT 應用

距離感測 (Proximity sensors)

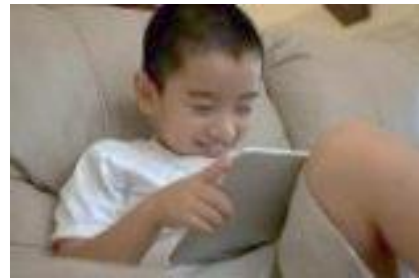
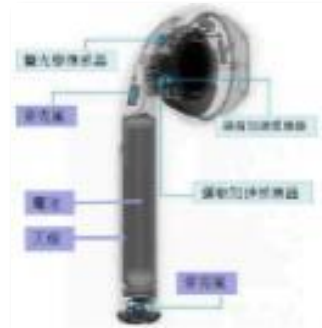
環境光感測 (Ambient Light Sensors)

RGB色彩感測 (TV / AMOLED smartphone ..)

手勢感測 (on / off , 2D / 4D gesture)

靜態/動態心律感測 (Heart beat detection)

.....



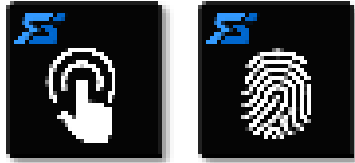
SOC

Touch Controllers

HFST - 合肥创发微电子

Established - 03/22/2018

Opening - 09/18/2018



Touch controller & FP IC



Industrial



Automotive



Smartphone



FAE
在地化



24*7
待命小組



技術討論



專案回報機
制

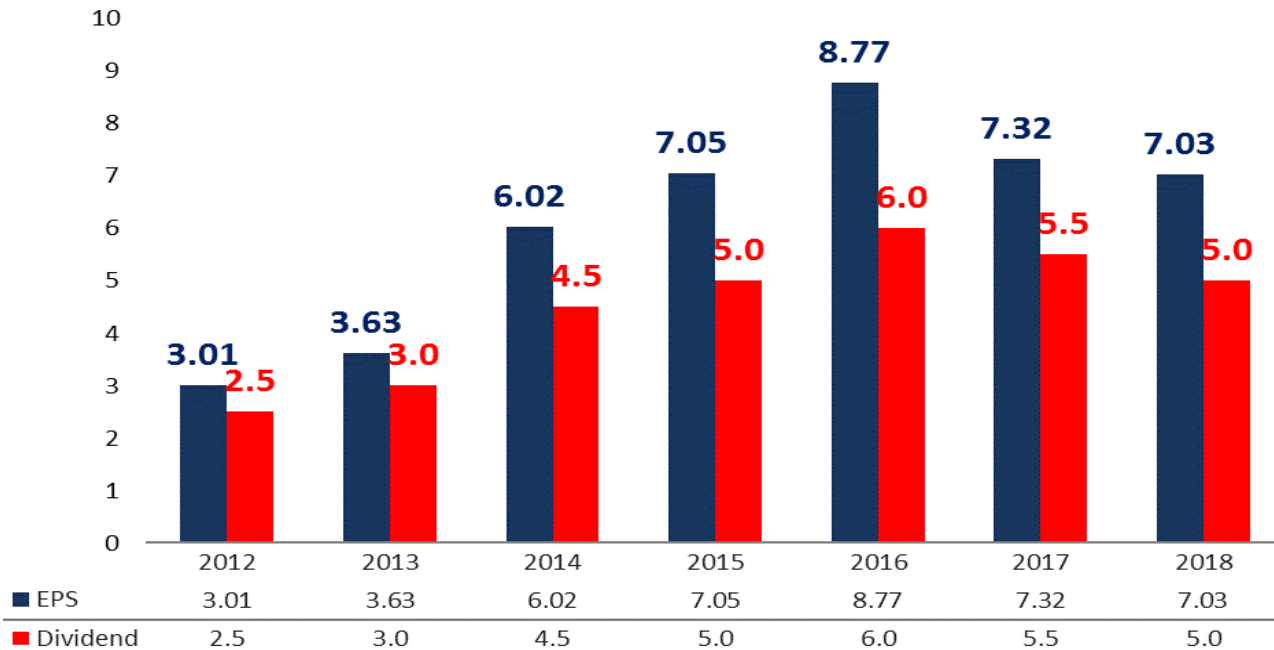


市場訊息
技術交流

支援物聯網(IoT)相關元件及方案



EPS & 配息資訊



| Year | Q1 | | Q2 | | Q3 | | Q4 | | Annual | | | Q1-Q2 |
|------|------|-----|------|-----|------|-----|------|-----|--------|-----|---------------|-------|
| | EPS | GM | EPS | GM | EPS | GM | EPS | GM | EPS | GM | Cash dividend | EPS |
| 2019 | 1.70 | 33% | 2.80 | 33% | | | | | | | | 4.5 |
| 2018 | 1.10 | 24% | 1.82 | 24% | 2.37 | 33% | 1.74 | 30% | 7.03 | 28% | 5.0 | |
| 2017 | 1.38 | 29% | 1.74 | 26% | 2.08 | 26% | 2.12 | 25% | 7.32 | 27% | 5.5 | |
| 2016 | 1.97 | 30% | 1.87 | 27% | 2.52 | 27% | 2.41 | 28% | 8.77 | 28% | 6.0 | |
| 2015 | 1.65 | 29% | 1.33 | 25% | 1.97 | 26% | 2.10 | 27% | 7.05 | 27% | 5.0 | |

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Thank you



Lighting up your life.

Sitronix

合併損益表

| Item | Q2 19 | | Q1 19 | | 2018 | | Q4 18 | | Q3 18 | | Q2 18 | | Q1 18 | |
|-------------------|-----------|------------|-----------|------------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
| | Results | % of sales | Results | % of sales | Results | % of sales | Results | % of sales | Results | % of sales | Results | % of sales | Results | % of sales |
| Net Sales | 3,507,731 | - | 2,561,593 | - | 10,330,505 | - | 2,827,130 | - | 2,746,000 | - | 2,682,651 | - | 2,074,724 | - |
| Gross Profit | 1,145,255 | 33% | 836,742 | 33% | 2,870,026 | 28% | 841,542 | 30% | 888,681 | 33% | 644,536 | 24% | 495,267 | 24% |
| Operating Expense | 575,125 | 17% | 522,355 | 21% | 1,827,512 | 18% | 540,071 | 19% | 513,919 | 19% | 419,292 | 15% | 354,230 | 17% |
| Operating Income | 570,130 | 16% | 314,387 | 12% | 1,042,514 | 10% | 301,471 | 11% | 374,762 | 14% | 225,244 | 9% | 141,037 | 7% |
| Income before Tax | 600,897 | 17% | 338,677 | 13% | 1,121,930 | 11% | 312,329 | 11% | 415,729 | 15% | 257,251 | 10% | 136,621 | 7% |
| Net Income* | 334,950 | 9% | 203,393 | 8% | 840,363 | 8% | 208,169 | 7% | 283,177 | 10% | 218,207 | 8% | 130,810 | 6% |
| EPS | 2.80 | - | 1.70 | - | 7.03 | - | 1.73 | - | 2.37 | - | 1.83 | - | 1.10 | - |

* Listed on the English translation of our financial statements as "Profit (loss), attributable to owners of parent"

Unit: NT\$ thousands (except EPS)
Accounting standard: IFRS

合併資產負債表

| Item | 2019/6/30 | 2019/3/31 | 2018/12/31 | 2018/9/30 | 2018/6/30 |
|--------------------|-----------|-----------|------------|-----------|-----------|
| Total Assets | 9,574,510 | 8,179,523 | 8,366,511 | 8,067,564 | 8,033,661 |
| Current Assets | 7,469,564 | 6,090,712 | 6,415,599 | 5,898,420 | 5,944,339 |
| Cash & Equivalents | 2,421,768 | 1,991,012 | 2,060,229 | 1,993,785 | 2,405,012 |
| AR | 1,544,322 | 1,262,449 | 1,359,114 | 1,337,906 | 1,282,062 |
| Inventory | 1,832,545 | 1,797,371 | 2,071,021 | 1,847,433 | 1,383,334 |
| Total Liability | 3,970,689 | 2,580,779 | 3,160,839 | 2,952,456 | 3,336,640 |
| AP | 1,741,286 | 1,060,942 | 1,560,675 | 1,705,977 | 1,451,449 |
| Shareholder Eq. | 5,603,821 | 5,598,744 | 5,205,672 | 5,115,108 | 4,697,021 |

Unit: NT\$ thousands
Accounting standard: IFRS