

Investor Conferences 2018 Q4

矽創電子股份有限公司
8016 : TT

The background features a dynamic arrangement of semi-transparent, multi-colored squares (in shades of orange, pink, purple, blue, and green) and a pattern of small dots, creating a modern, tech-oriented aesthetic.

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 (USD/TWD=30)
董事長暨執行長	毛穎文 Vincent Mao
員工數	385 (集團: 657)
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)



產品組合

Mobile Displays

Mobile Display Driver IC
(手機顯示器)



 **FORCELEAD** (76%)

Industrial & Automotive Displays

Automotive Display Driver IC
(車載顯示器)



Industrial Display Driver IC
(工控顯示器)



Sitronix

SoC

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



Subsidiaries

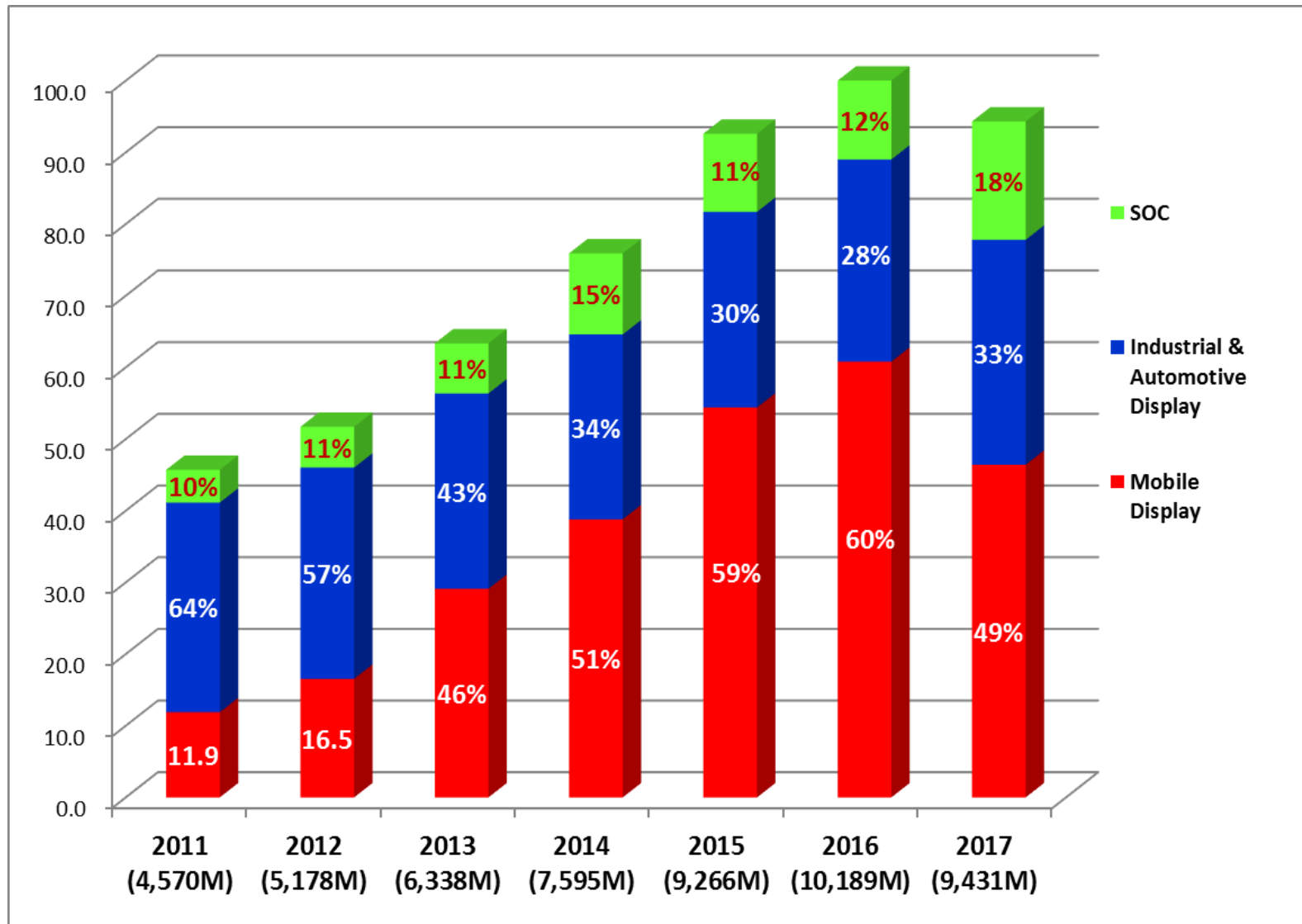
mCore (91%)

infino (64%)

sensortek (54%)

HFST (75%)

2011-2017銷售比率_依產品組合分類

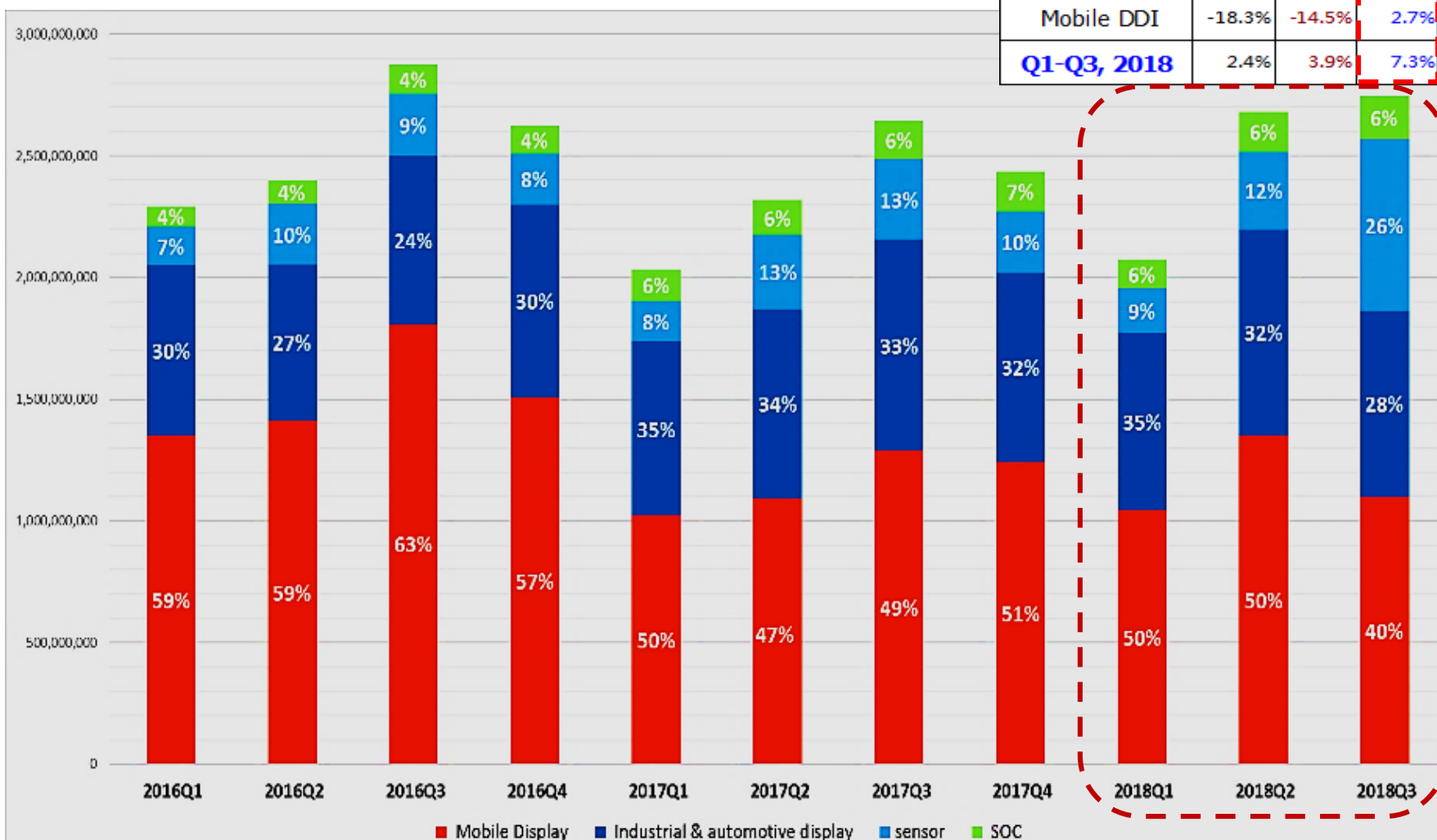


季度產品組合 & 3Q 數字

Year	Q1		Q2		Q3		Q4		Annual		
	EPS	GM	EPS	GM	EPS	GM	EPS	GM	EPS	GM	Cash dividend
2018	1.10	24%	1.83	24%	2.37	33%					
2017	1.38	29%	1.74	26%	2.08	26%	2.13	25%	7.32	27%	5.5

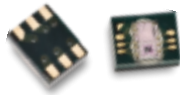
Q1~Q3 (2018)	
EPS	GM
5.3	27%

Product Mix	18Q3 QoQ	18Q3 YoY	2018 Q1-Q3 YoY
SOC	7.5%	14.5%	8.9%
Sensor	122.0%	112.9%	49.5%
Ind. & Auto DDI	-10.4%	-12.3%	-1.0%
Mobile DDI	-18.3%	-14.5%	2.7%
Q1-Q3, 2018	2.4%	3.9%	7.3%

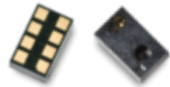


Light sensors

Ambient Light Sensors
CMOS Circuit

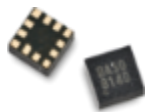


Proximity Sensors
CMOS circuit



MEMS sensors

Accelerometers
CMOS Circuit
MEMS Process



2-in-1 P-sensors for smartphones



Smartphone market
2017: >200M

- ✓ ALS + Gesture control P-sensors
- ✓ ALS + Small sensor holes P-sensors
- ✓ invisible P-sensors solution
- ✓ under display p-sensor for full screen AMOLED
- ✓ Micro seam p-sensor for full screen TFT LCD

高階 P-sensor :

- a. LTPS TFT display → 微縫距離感測(p) 方案
- b. AMOLED display → 屏下距離感測(p) 方案
- c. 3D sensing 協作應用 → 長距離感測(p) 方案

Smartphone market
2017: > 25M



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

車載顯示器驅動 ICs

< 6 inch displays

Instrument Cluster Display

Analog



No Display

Hybrid (Analog + Digital)



Meters

Full Digital



Virtual
Cockpit



7 - 9 inch displays

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



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



主要應用：IoT / IA / OA / E-payment ...

- a. Ultra low power DDI 投入 ESL 應用.
- b. 4 inch 以上應用轉移至 new color TFT

手機顯示器驅動 ICs -1

Feature phone DDI

→ Small-sized DDI

QQVGA 160x120 - Zero Cap.

QCIF 220x176 - Zero Cap.

QVGA 320x240 - Zero Cap.

WQVGA 400x240 - Zero Cap.

2017: > 500M pcs

4G feature phone



4G Kids watch



Wristband



Smartphone DDI

HVGA 480x320 (Q4 14 MP) - Zero Cap.

WVGA 800x480 (Q4 15 MP) - Zero Cap.

HD720 1280x720 (Q4 17 MP) - Zero Cap.

FHD 1920x1080 (Q4 18 ES) - Zero Cap.

FHD TDDI (Q4 18 ES) - Zero Cap.

2017: > 90M



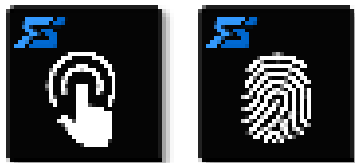
SOC

Touch Products

HFST - 合肥创发微电子

Established - 2018/03/22

Opening - 2018/09/18



Industrial

Touch controller
& FP IC



Automotive



Source: 各廠商, 拓璞產業研究所整理, 2014/08



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

SOC

mCore (鈇創電子)

8/16/32 bit MCU

DSP (digital audio)



Card readers



SOC

infinno (極創電子)

Power Management ICs

AC-side power management & PWM IC



支援物聯網(IoT)相關元件及方案



移動互聯網
行動支付



智慧居家
智慧電網

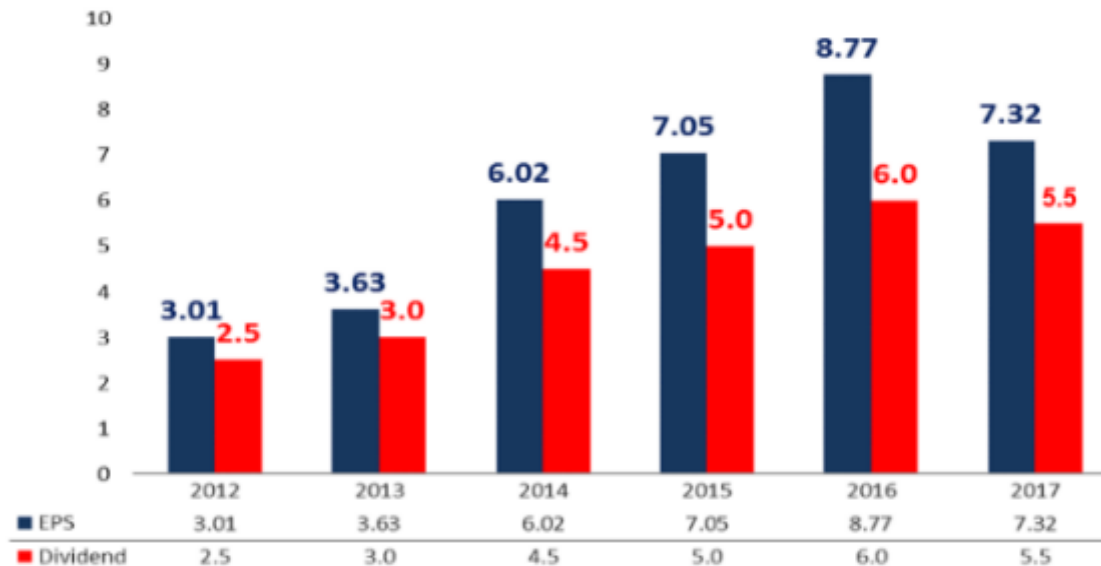


智慧城市
智慧交通



電動車
車聯網

EPS & 配息數字, 2015-2018



Year	Q1		Q2		Q3		Q4		Annual		
	EPS	GM	EPS	GM	EPS	GM	EPS	GM	EPS	GM	Cash dividend
2018	1.10	24%	1.83	24%	2.37	33%					
2017	1.38	29%	1.74	26%	2.08	26%	2.13	25%	7.32	27%	5.5
2016	1.97	30%	1.87	27%	2.53	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

Q1~Q3 (2018)	
EPS	GM
5.3	27%

Consolidated Income Statement

Item	Q3 18		Q2 18		Q1 18		2017 Annual		Q417		Q317		Q217		Q1 17	
	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales
Net Sales	2,746,000	-	2,682,651	-	2,074,724	-	9,431,062	-	2,435,304	-	2,643,141	-	2,318,317	-	2,034,300	-
Gross Profit	888,681	33%	644,536	24%	495,267	24%	2,514,333	27%	620,120	25%	681,435	26%	620,526	26%	592,252	29%
Operating Expense	513,919	19%	419,292	15%	354,230	17%	1,660,796	18%	440,208	18%	421,640	16%	399,308	17%	399,640	20%
Operating Income	374,762	14%	225,244	9%	141,037	7%	853,537	9%	179,912	7%	259,795	10%	221,218	10%	192,612	9%
Income before Tax	415,729	15%	257,251	10%	136,621	7%	988,268	10%	282,827	11%	280,089	10%	236,338	10%	189,014	9%
Net Income*	283,177	10%	218,207	8%	130,810	6%	873,158	9%	253,391	11%	247,653	10%	207,274	9%	164,840	8%
EPS	2.37	-	1.83	-	1.10	-	7.32	-	2.13	-	2.08	-	1.74	-	1.38	-

* 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

Consolidated Balance Sheet

Item	2018/9/30	2018/6/30	2018/3/31	2017/12/31	2017/9/30	2017/6/30	2017/3/31
Total Assets	8,067,564	8,033,661	7,444,294	7,030,995	7,450,386	7,503,718	7,606,598
Current Assets	5,898,420	5,944,339	5,471,542	5,057,965	5,755,772	5,777,396	5,910,276
Cash & Equivalents	1,993,785	2,405,012	2,095,484	1,421,885	1,701,371	1,915,400	1,904,997
AR	1,337,906	1,282,062	1,061,062	1,009,582	1,064,768	966,750	814,051
Inventory	1,847,433	1,383,334	1,593,972	1,735,070	1,794,180	1,870,276	2,082,906
Total Liability	2,952,456	3,336,640	2,368,288	2,032,751	2,392,036	2,794,884	2,373,420
AP	1,706,279	1,451,449	1,015,965	1,144,972	1,433,793	1,102,191	1,377,563
Shareholder Eqt.	5,115,108	4,697,021	5,076,006	4,998,244	5,058,350	4,708,834	5,233,178

Unit: NT\$ thousands
Accounting standard: IFRS

We'd love to hear from you!

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