



矽創電子股份有限公司

8016:TT

Investor Conferences Q3 2018

Strategic Marketing Director

Jacky Chou 周德雲

Investor Relations Officer

Vivian Mao 毛廷方



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

臺灣證券交易所上市 2003年12月 (8016)



Head office
(Hsinchu Tai Yuen Hi-Tech Industrial Park, Taiwan)

產品組合

Mobile Displays

Industrial & Automotive Displays

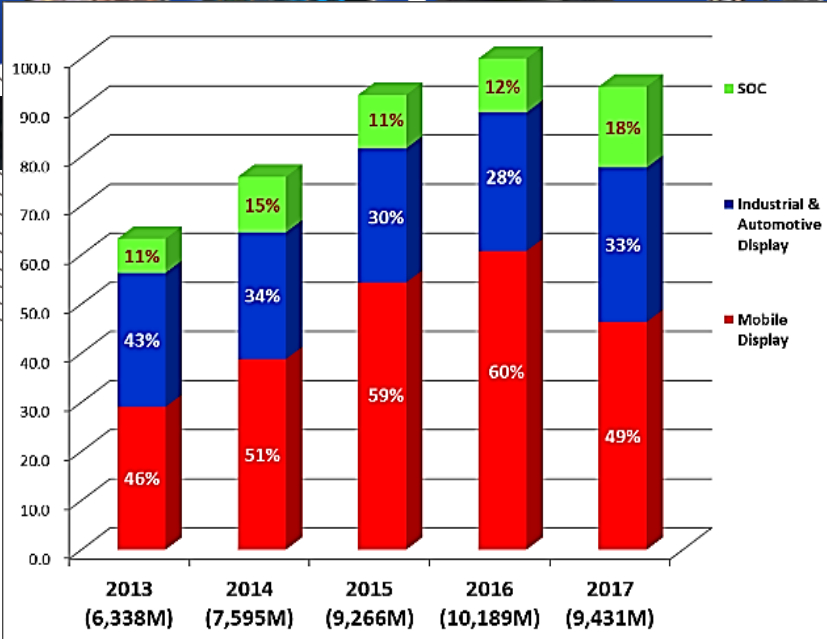
SoC

Mobile Display Driver IC
(手機顯示器)

Automotive Display Driver IC
(車載顯示器)

Industrial Display Driver IC
(工控顯示器)

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



Subsidiaries
 **FORCELEAD** (76%)

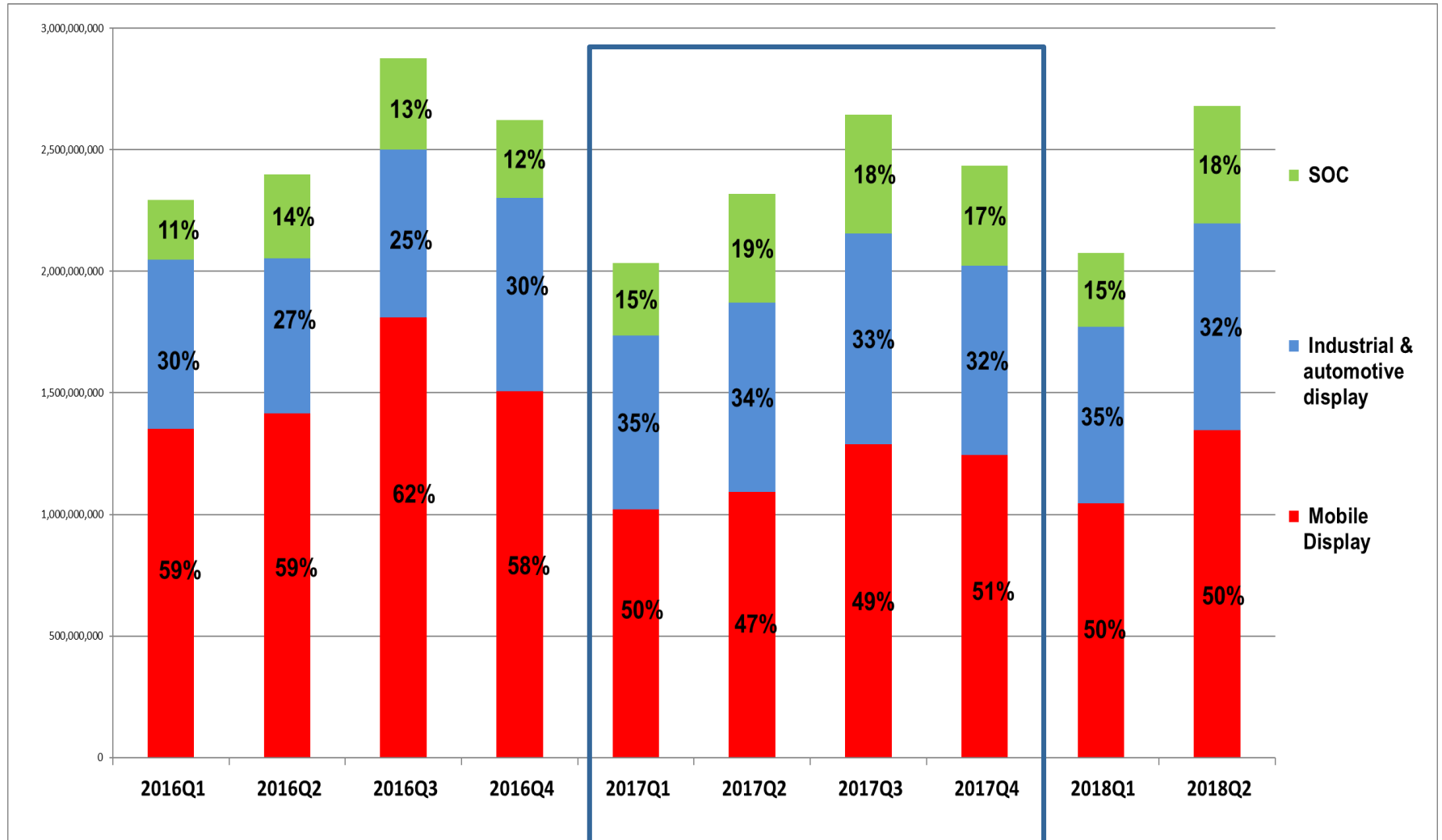
Subsidiaries
 **mCore** (91%)
 **infinno** (64%)
 **sensortek** (54%)

月營收, 2016 - 2018

(K) ntd	2016	YoY Month	Quarterly amount	2017	YoY Month	Quarterly amount	YoY_Q	2018	YoY Month	Quarterly amount	YoY_Q
1	882,133	11.6%		600,199	-32.0%			781,237	30.2%		
2	551,635	4.4%		622,643	12.9%		-11.3%	462,190	-25.8%		2.0%
3	860,069	10.3%	2,293,837	811,458	-5.7%	2,034,300		831,297	2.4%	2,074,724	
4	830,363	12.5%		750,792	-9.6%			860,299	14.6%		
5	791,445	23.4%		710,736	-10.2%		-3.3%	901,245	26.8%		15.7%
6	775,766	10.3%	2,397,574	856,789	10.4%	2,318,317		921,107	7.5%	2,682,651	QoQ → 29%
7	810,932	5.2%		881,044	8.6%			922,769	4.7%		
8	981,682	21.0%		891,613	-9.2%		-8.1%				
9	1,082,464	21.4%	2,875,078	870,484	-19.6%	2,643,141					
10	981,718	15.3%		781,637	-20.4%						
11	890,831	3.5%		813,378	-8.7%		-7.2%				
12	750,707	-16.4%	2,623,256	840,289	11.9%	2,435,304				0	
Total	10,189,745	9.97%		9,431,062	-7.45%		-7.45%	5,680,144			
	1- 7 yoy			5,233,661				5,680,144	8.5%		

Unit: NT\$ thousands
Accounting standard: IFRS

季度產品組合, 2016 - 2018



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.

2016: > 500M pcs

2017: > 500M pcs



4G Kids watch



Wristband



4G feature phone



New applications:
Wearable, healthcare, sports & IOT devices

手機顯示器驅動 ICs -2

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 (Q3 18 ES) - Zero Cap.
- FHD TDDI (Q3 18 ES) - Zero Cap.
- 2016: > 100M
- 2017: > 90M



Android Go

主要針對1GB以下記憶體、8GB以下儲存容量手機進行優化，使其可在作業系統以外騰出更多資料存放空間，最高可減少50%的App佔用空間，其中針對流量較低、快速啟用需求設計的特別版App內容：包含Google Assistant Go、Files Go、Google Go、Google Maps Go、Gmail Go、YouTube Go、Gboard、Chrome等特製App，約可提昇15%的執行速率。



Model	Micromax Bharat Go	Lava Z50	Nokia 1	ZTE Tempo Go	Alcatel 1X
CPU		6737M	6737M	210	6739
Display Size	4.5	4.5	4.5	5	5.3
Resolution	854	854	854	854	960
	480	480	480	480	480
RAM	1G	1G	1G	1G	1G
ROM	8G	8G	8G	16G	16G
Camera	5M/2M	5M/5M	5M/2M	8M/5M	8M/5M
Price(US)	46	67	85	80	96

矽創專利：零電容方案 (無外部元器件)

Sitronix Zero Cap Solution



Conventional LCD module



2~20 components on FPC



Zero Cap. LCD module

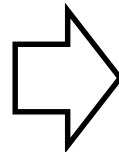
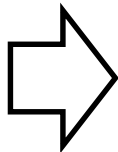


0 components on FPC

- ✓ Competitive BOM cost
- ✓ Low processing cost
- ✓ Thin modules
- ✓ High reliability

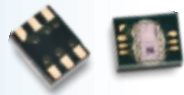


Less FPC size

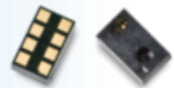


Light sensors

Ambient Light Sensors
CMOS Circuit



Proximity Sensors
CMOS circuit

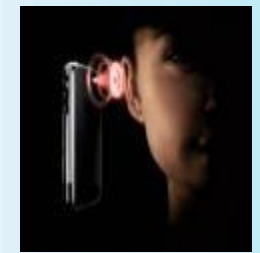


2-in-1 P-sensors for smartphones



Smartphone market
 2016: >140M
 2017: >200M

- ✓ ALS + Gesture control P-sensors
- ✓ ALS + Small sensor holes P-sensors
- ✓ ALS + None sensor holes P-sensors



MEMS sensors

Accelerometers
CMOS Circuit
MEMS Process



Smartphone market
 2016: > 20M
 2017: > 25M

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



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 / 家電 / 通訊 / E-payment ...

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

SOC

mCore

8/16/32 bit MCU

DSP (digital audio)



Card readers



SOC


INFINNO

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



智慧城市
智慧交通

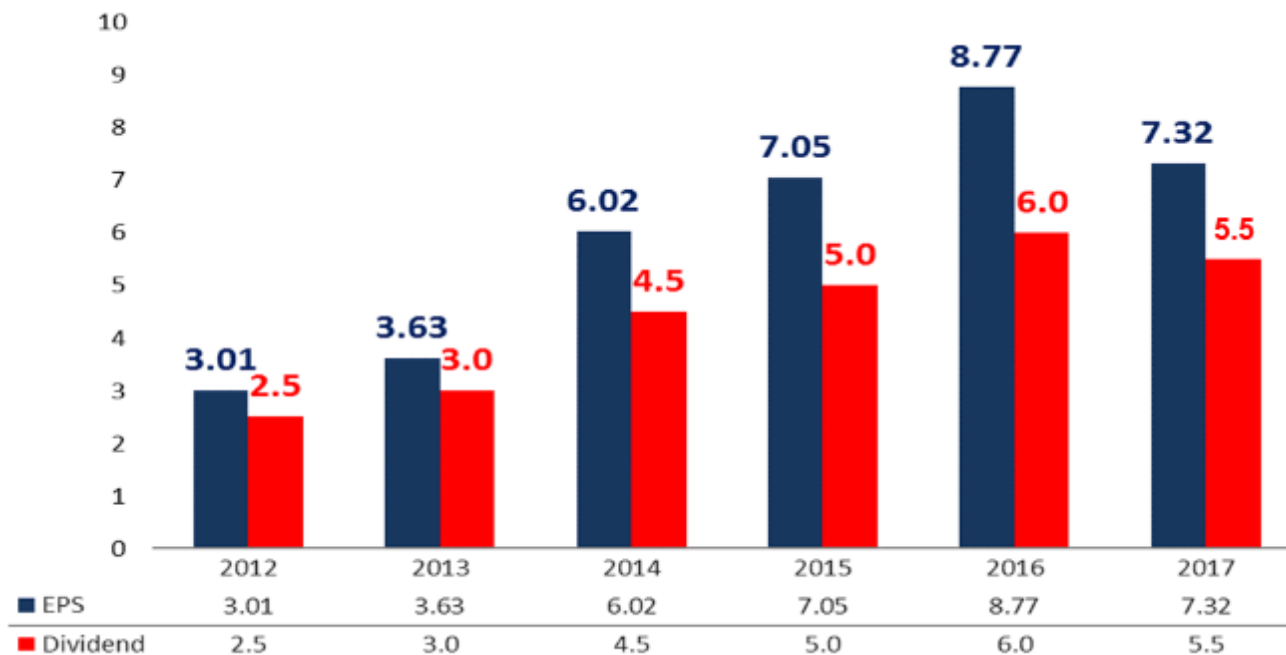


智慧居家
智慧電網



電動車
車聯網

歷年 EPS & 配息資訊



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%							
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
2014	1.22	29%	1.23	27%	1.60	26%	1.97	27%	6.02	27%	4.5

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Thank you



Lighting up your life.

Sitronix

Consolidated Income Statement

Item	Q2 18		Q1 18		2017 Annual		Q4 17		Q3 17		Q2 17		Q1 17	
	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales
Net Sales	2,682,651	-	2,074,724	-	9,431,062	-	2,435,304	-	2,643,141	-	2,318,317	-	2,034,300	-
Gross Profit	644,536	24%	495,267	24%	2,514,333	27%	620,120	25%	681,435	26%	620,526	26%	592,252	29%
Operating Expense	419,292	15%	354,230	17%	1,660,796	18%	440,208	18%	421,640	16%	399,308	17%	399,640	20%
Operating Income	225,244	9%	141,037	7%	853,537	9%	179,912	7%	259,795	10%	221,218	10%	192,612	9%
Income before Tax	257,251	10%	136,621	7%	988,268	10%	282,827	11%	280,089	10%	236,338	10%	189,014	9%
Net Income*	218,207	8%	130,810	6%	873,158	9%	253,391	11%	247,653	10%	207,274	9%	164,840	8%
EPS	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	2018/6/30	2018/3/31	2017/12/31	2017/9/30	2017/6/30	2017/3/31
Total Assets	8,033,661	7,444,294	7,030,995	7,450,386	7,503,718	7,606,598
Current Assets	5,944,339	5,471,542	5,057,965	5,755,772	5,777,396	5,910,276
Cash & Equivalents	2,405,012	2,095,484	1,421,885	1,701,371	1,915,400	1,904,997
AR	1,282,062	1,061,062	1,009,582	1,064,768	966,750	814,051
Inventory	1,383,334	1,593,972	1,735,070	1,794,180	1,870,276	2,082,906
Total Liability	3,336,640	2,368,288	2,032,751	2,392,036	2,794,884	2,373,420
AP	1,451,449	1,015,965	1,144,972	1,433,793	1,102,191	1,377,563
Shareholder Eq.	4,697,021	5,076,006	4,998,244	5,058,350	4,708,834	5,233,178

Unit: NT\$ thousands
Accounting standard: IFRS