

Investor Conferences

Q1 2021

Sitronix Technology Corp.

矽創電子股份有限公司

8016: TT

Sitronix

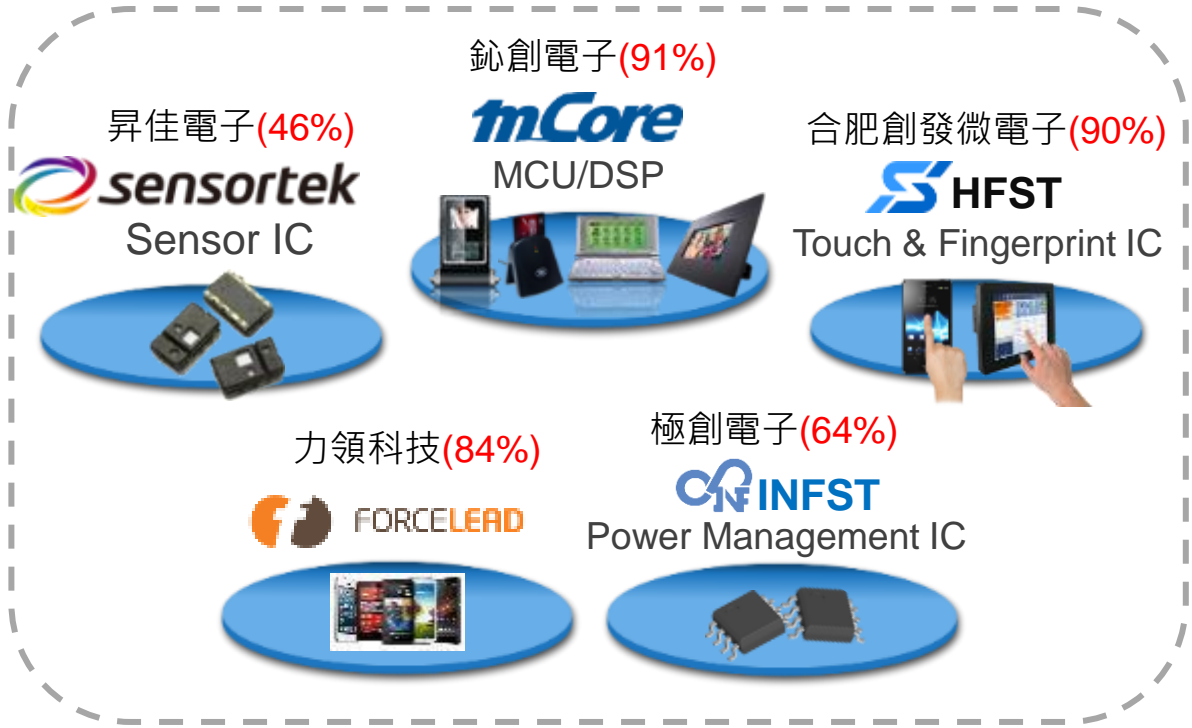
About Sitronix

Company Name	Sitronix Technology Corp.
Established	July 9, 1998
Capitalization	USD 40 million
Chairman and CEO	Vincent Mao
IPO Listing	December 25, 2003



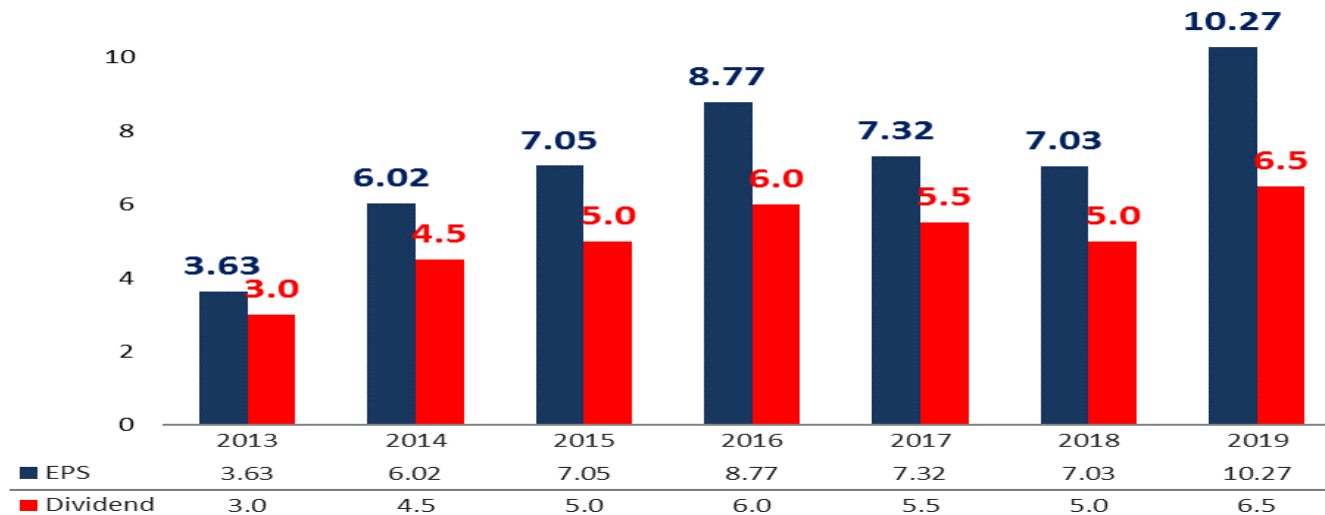
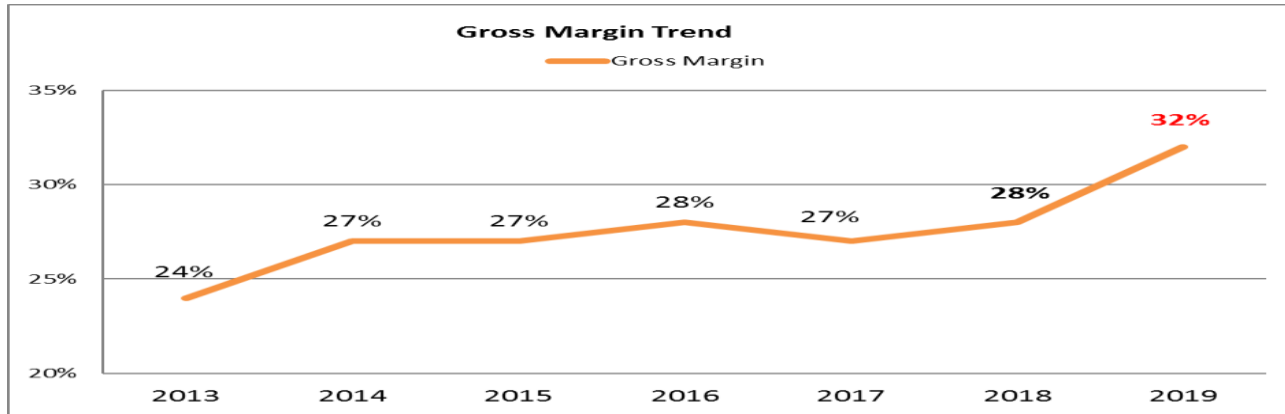
Consolidated

矽創電子
Sitronix
Display Driver IC



Incubator since 2009

GM, EPS & Dividends



Year	Q1		Q2		Q3		Q4		Annual			1-9 YoY
	EPS	GM	EPS	GM	EPS	GM	EPS	GM	EPS	GM	Cash dividend	EPS
2020	2.43	32%	2.43	35%	2.63	32%						7.48
2019	1.70	33%	2.80	33%	3.22	32%	2.55	30%	10.27	32%	6.5	7.73
2018	1.10	24%	1.82	24%	2.37	33%	1.74	30%	7.03	28%	5.0	5.29

Product Portfolio

Mobile Displays

Industrial & Automotive Displays

Sensors

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

Subsidiary



Subsidiaries

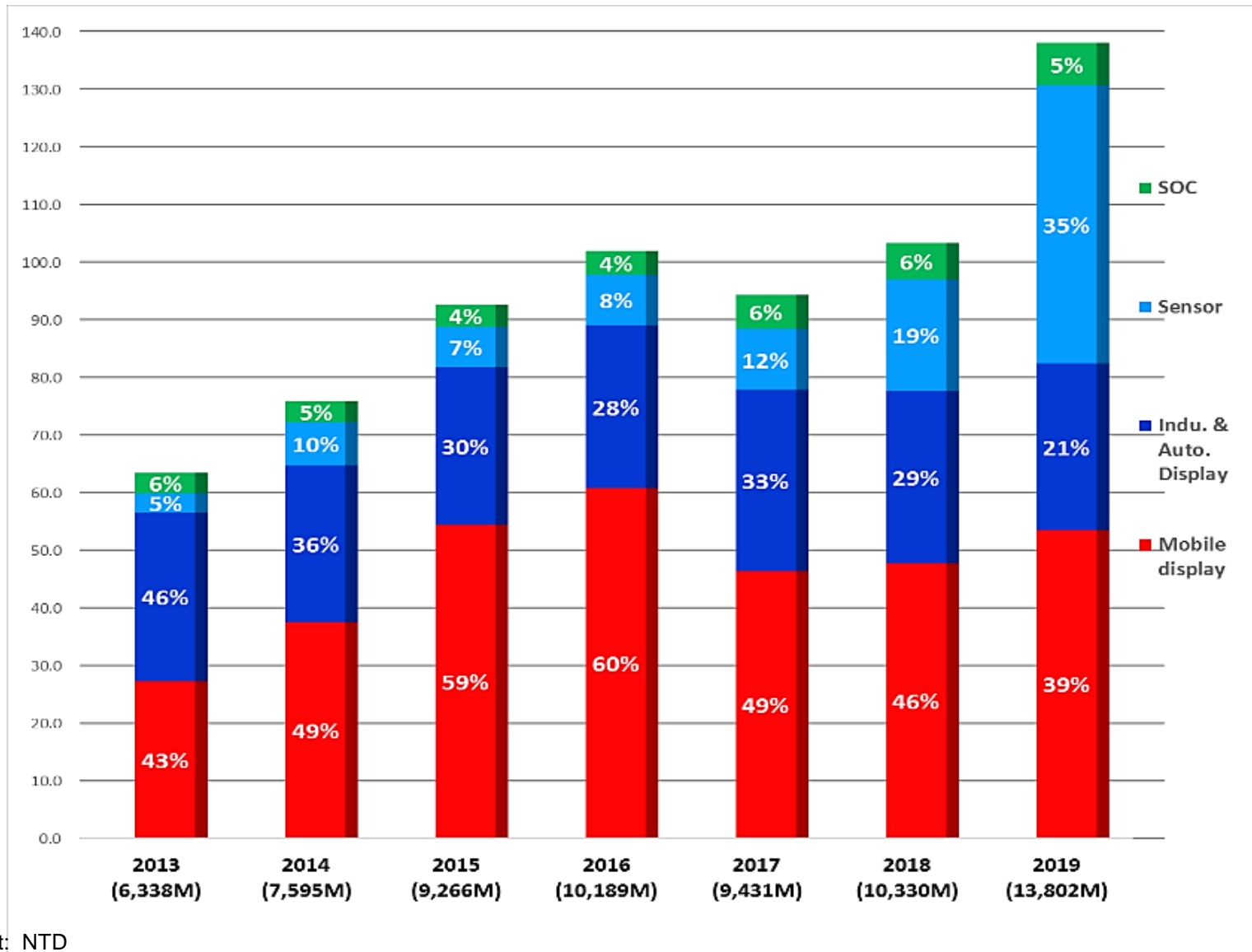


Differentiation

Diversification

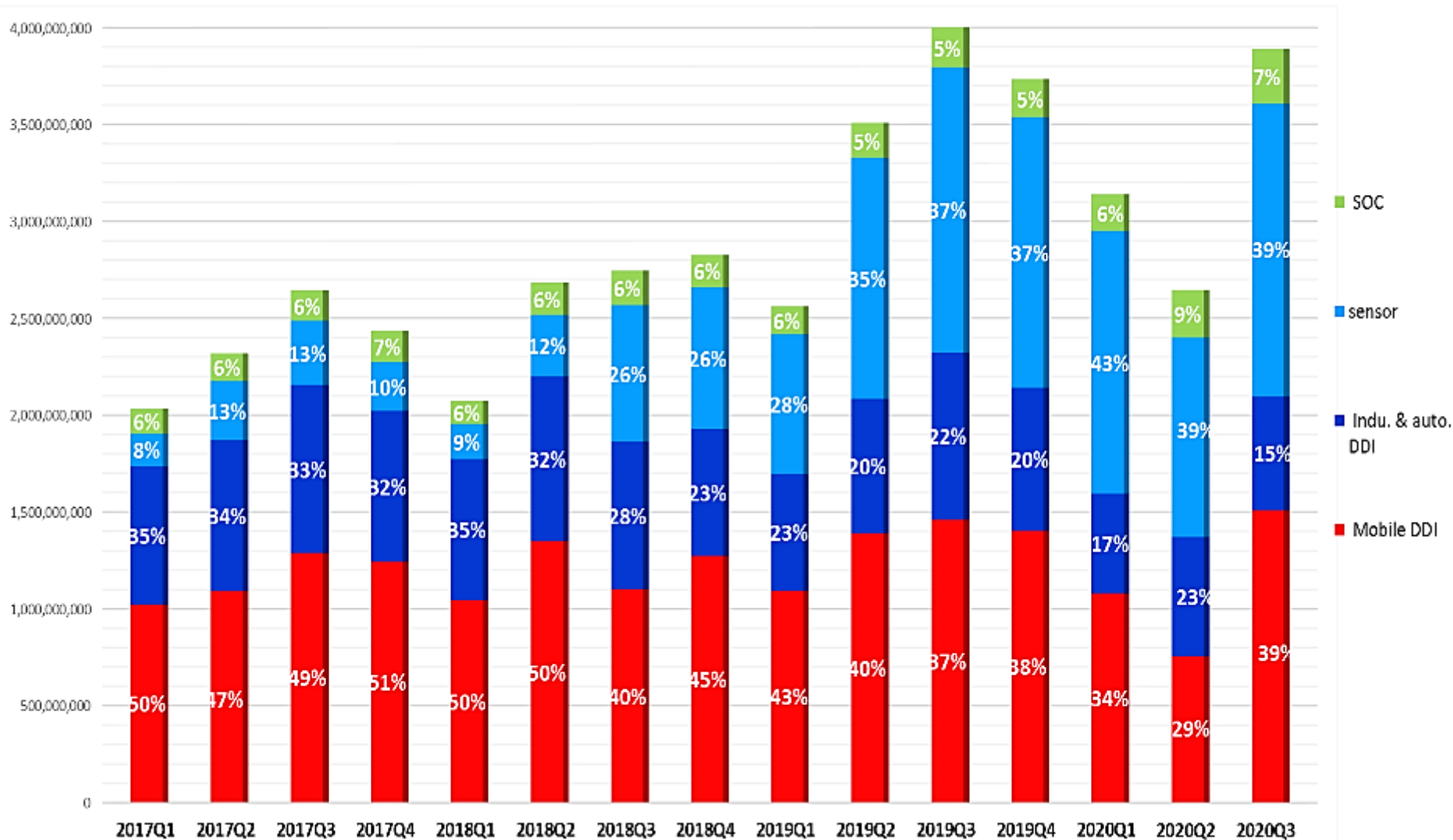
Incubator

Product Mix



Unit: NTD

Quarterly Product Mix



Unit: NTD

Sitronix Confidential. Do Not Copy or Distribute.

Consolidated Income Statement

Item	Q3 2020		Q2 2020		Q1 2020		Q1-Q4 2019		Q3 2019	
	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales	Results	% of sales
Net Sales	3,887,941	-	2,644,857	-	3,138,847	-	13,802,738	-	4,000,478	-
Gross Profit	1,253,220	32%	925,366	35%	1,011,677	32%	4,385,345	32%	1,280,271	32%
Operating Expense	628,945	16%	525,562	20%	569,936	18%	2,308,582	17%	630,271	16%
Operating Income	624,540	16%	400,466	15%	533,095	17%	2,086,426	15%	659,662	16%
Income before Tax	628,840	16%	497,065	19%	549,896	17%	2,203,422	16%	693,490	17%
Net Income*	315,601	8%	291,899	11%	291,416	9%	1,230,588	9%	386,629	10%
EPS	2.63	-	2.43	-	2.43	-	10.27	-	3.22	-

Unit: NT\$ thousands (except EPS)

Accounting standard: IFRS

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

Consolidated Balance Sheet

Item	2020/9/30	2020/6/30	2020/3/31	2019/12/31	2019/9/30
Total Assets	12,691,112	13,313,165	11,315,424	10,760,904	10,013,046
Current Assets	10,741,502	11,320,483	9,386,607	8,626,168	7,945,341
Cash & Equivalents	3,751,335	4,123,024	3,356,031	2,932,647	2,944,608
AR	1,239,710	1,103,291	1,248,372	1,398,832	1,427,273
Inventory	1,818,842	2,495,793	2,387,205	1,909,664	1,731,420
Total Liability	3,886,615	5,046,401	5,630,077	4,155,212	4,003,106
AP	1,616,864	1,411,218	2,065,666	2,085,145	2,064,045
Shareholder Eq.	8,804,497	8,266,764	5,685,347	6,605,692	6,009,940

Unit: NT\$ thousands
Accounting standard: IFRS

Mobile Display Driver ICs

Small-sized DDIC - zerocap

2018: 500M pcs
 2019: 400M pcs
 Q1-Q3 2020: > 215M pcs



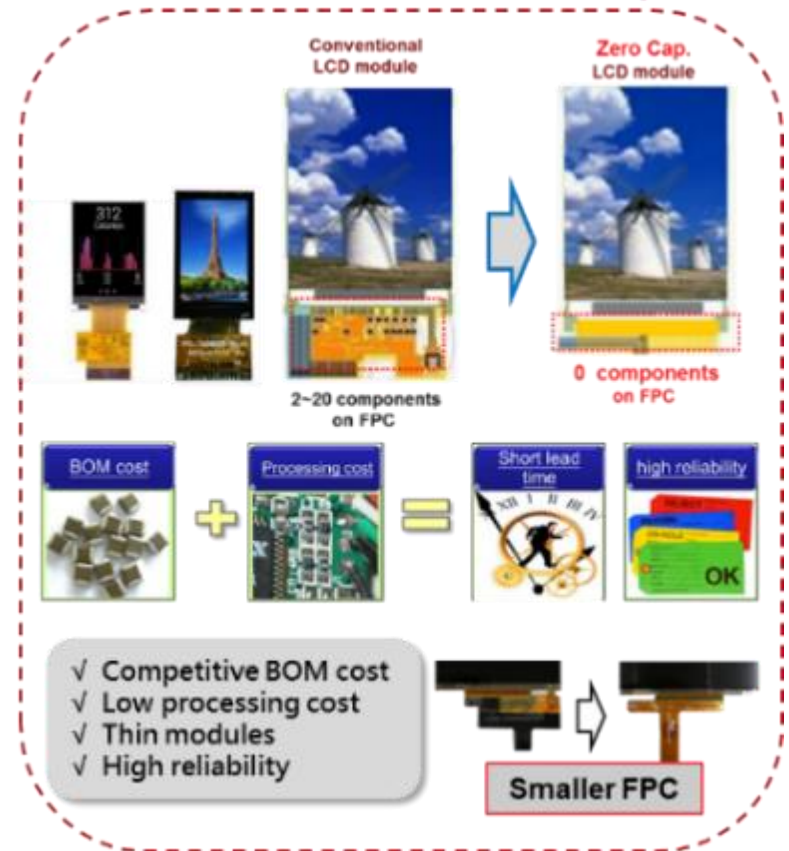
Smartphone DDIC - zerocap

2018: > 130M pcs
 2019: > 250M pcs
 Q1-Q3 2020: > 230M pcs



Differentiation

Sitronix's Patents



Industrial Display Driver ICs

Diversification

TN / STN / mono TFT / color TFT



Ultra Low Power a-TFT Drivers
for new applications
IoT, wearable devices, e-payment...

Wearable Devices

Wearable Products

Automotive Display Driver ICs

Diversification

< 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



光學感測晶片 Optical Sensors

PS + ALS shipment

2018: >340M pcs
2019: >600M pcs
Q1-Q3 2020: > 520M pcs

Proximity Sensors (PS)

近接感測晶片 → 關屏防誤觸

turns off the display (anti-touch)

Ambient Light Sensors (ALS)

環境光感測晶片 → 調節螢幕亮度

screen brightness control

G1: PS + ALS 2-in-1 visible solution (2010)

G2: PS + ALS 2-in-1 invisible solution (2018)

- Under-display 屏下方案 for AMOLED displays
- Slit type 狹縫方案 for TFT displays

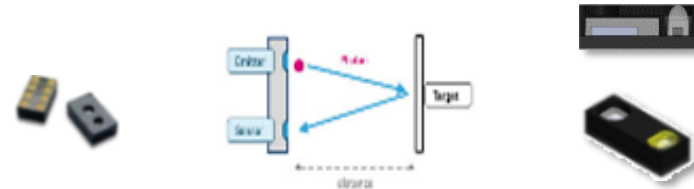
Color temperature Sensors (RGB)

色溫感測晶片 → 調節螢幕色溫

screen color temperature control

G3: PS + RGB sensors (2019)

- for better reading experience



Waterdrop Screen

狹縫(Slit) ALS/PS
狹縫(Slit) PS / 屏下 ALS
前攝旁 ALS/PS
(Aside of Front Facing Camera)



Bezel-less Screen

屏下(Under-display) ALS/PS
狹縫(Slit) PS / 屏下 Under-display ALS



微機電感測晶片 MEMS sensors

G-sensor shipment

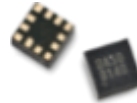
2018: >30M pcs
2019: >55M pcs
Q1-Q3 2020: > 52M pcs



Accelerometers (G-sensors)

→ Rotation detection

加速度感測器 → 屏幕旋轉偵測



✓ G-sensors for smartphones

✓ Low-power G-sensors for wearable & IoT devices



Wearable Devices: Optical + MEMS

True wireless stereo (TWS) earbuds

Accelerometers → click detection 敲擊偵測

Proximity sensors → on/off switch 功能啟用開關



敲擊偵測 Click detection

- 有來電時 Incoming call
 - 單擊接聽 Click to answer
 - 雙擊拒接 Double click to reject
- 音樂播放 Music mode
 - 單擊暫停 Click to pause
 - 雙擊換曲 Double click to switch

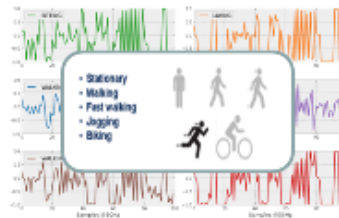
Smart watches & fitness trackers

Accelerometers → motion detection 移動偵測

Optical sensors → heartbeat detection 心律偵測 & UV sensors 紫外線感測



運動偵測 / 計步
Motion detection



抬手亮屏 / 動態心率輔助
Heartbeat detection



睡眠偵測 / 久坐提醒
Sleep quality monitoring

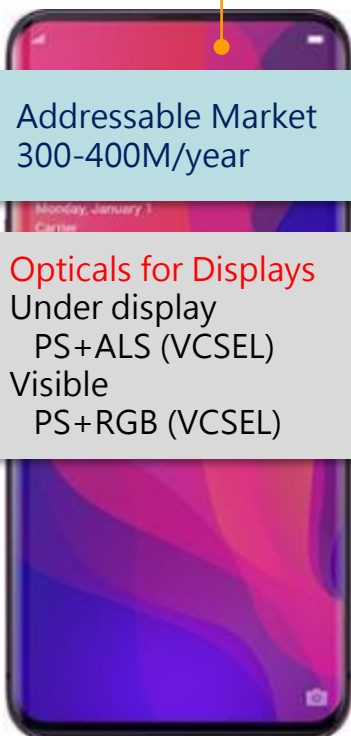


Sensors: Going Forward

1. Optical sensors for smartphone screens 前螢幕應用
 - PS + ALS visible solution 調整顯示亮度
 - High-sensitivity PS + ALS invisible solution → 3x → 6x → 10x sensitivity
 - PS + RGB visible solution 調整顯示色溫 → invisible solution (coming soon!)
2. Optical sensors for smartphone cameras 後相機應用 white balance correction 白平衡校正
 - 3-channel RGB sensors → 6-channel for better color detection (coming soon!)
 - Flicker sensors 閃頻偵測
3. MEMS: Gyroscope 加速MEMS陀螺儀感測器開發
 - Accelerometers + Gyroscopes (2 in 1) for high-end smartphones (coming soon!)
4. Other applications 其他非手機之應用
 - TWS: proximity sensors & accelerometers
 - Smart watches: ambient light + UV, heartbeat sensors, accelerometers
 - Smart speakers: ambient light sensors
 - ...and more (e.g. auto & industrial)

Before 2020

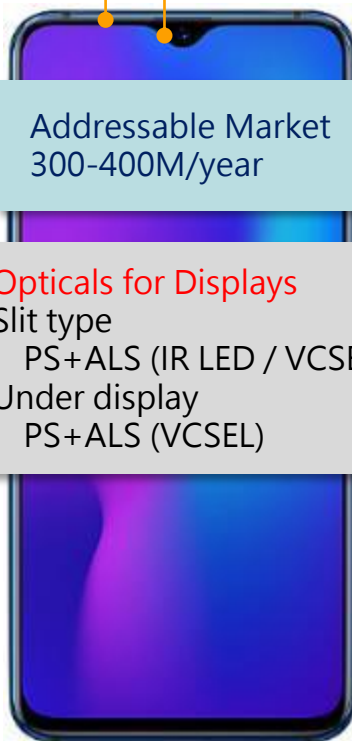
Flagship
旗艦機



Addressable Market
300-400M/year

Opticals for Displays
Under display
PS+ALS (VCSEL)
Visible
PS+RGB (VCSEL)

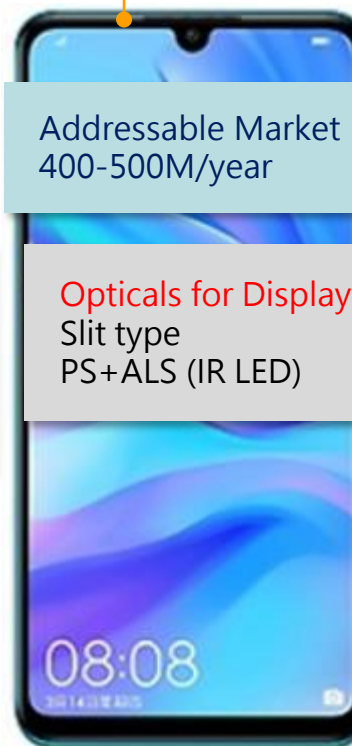
High end
高階機



Addressable Market
300-400M/year

Opticals for Displays
Slit type
PS+ALS (IR LED / VCSEL)
Under display
PS+ALS (VCSEL)

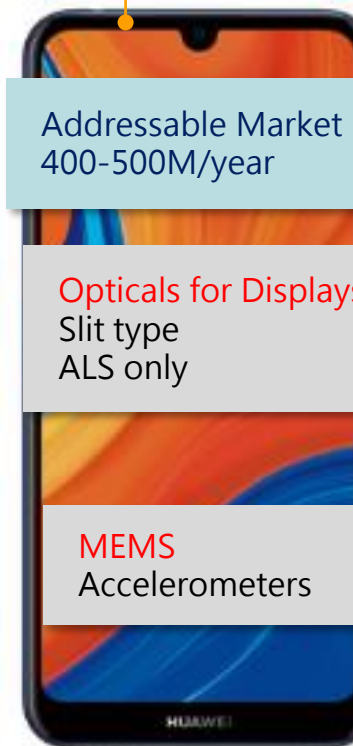
Mid range
中階機



Addressable Market
400-500M/year

Opticals for Displays
Slit type
PS+ALS (IR LED)

Low end
低階機

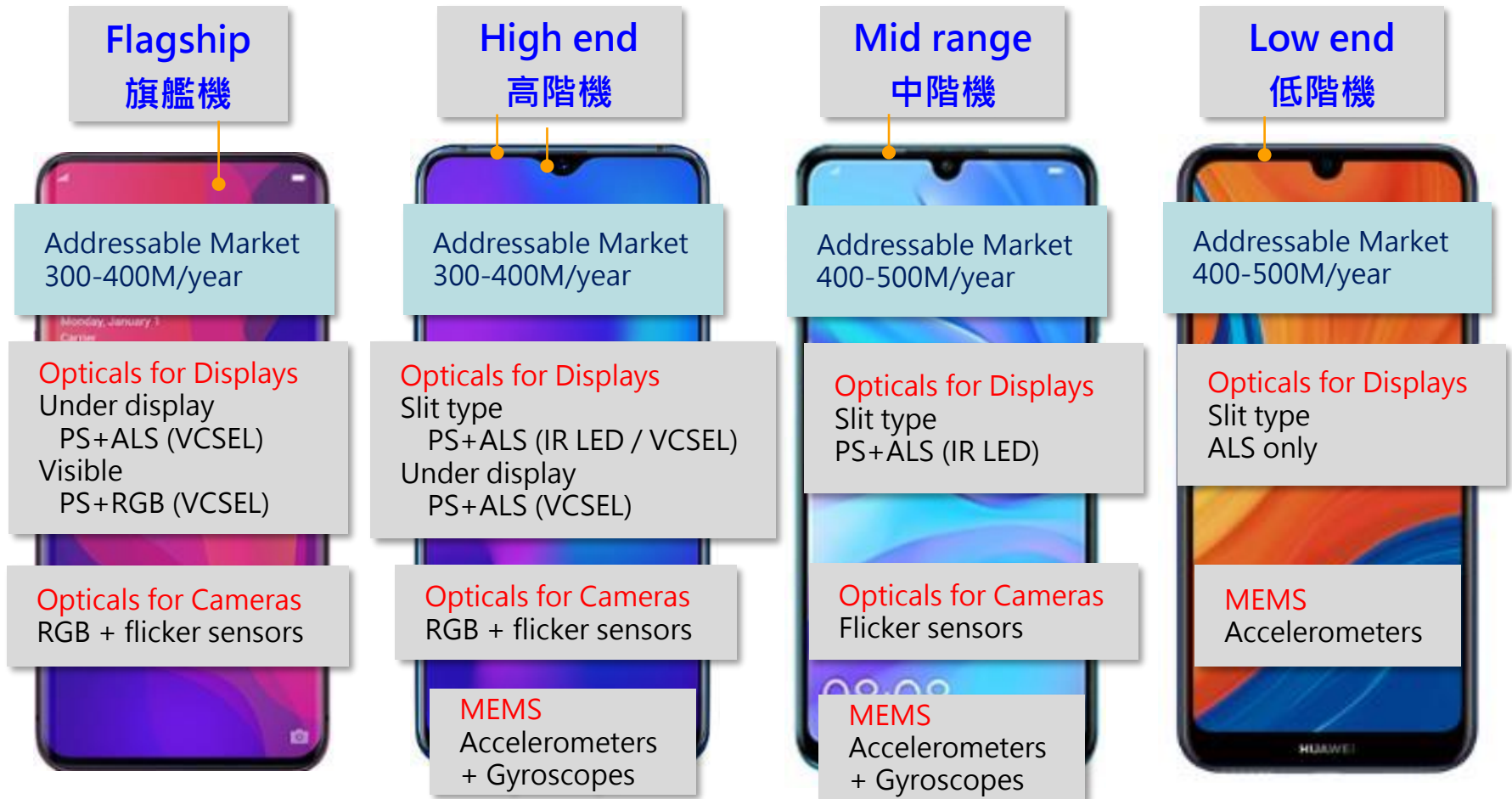


Addressable Market
400-500M/year

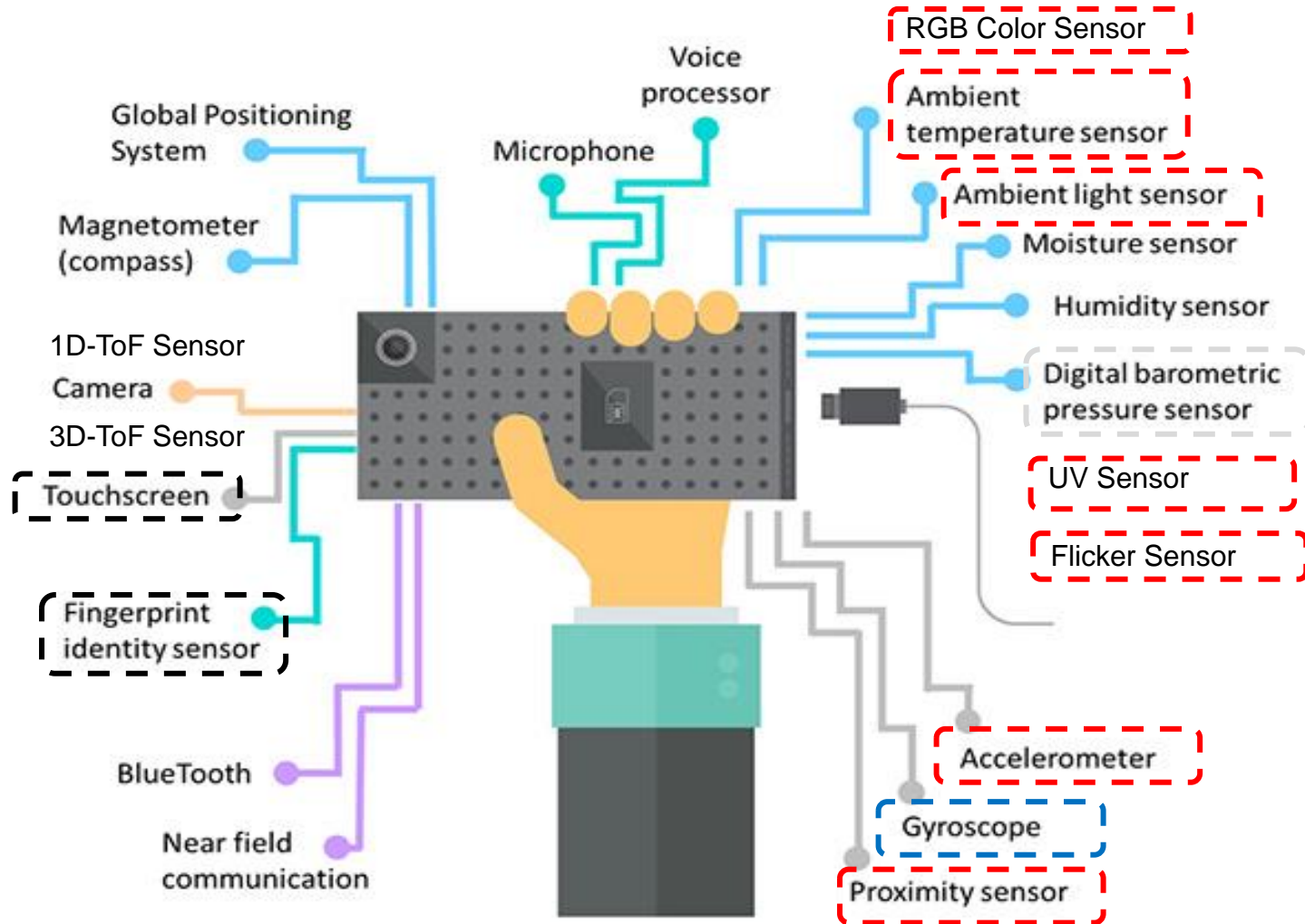
Opticals for Displays
Slit type
ALS only

MEMS
Accelerometers

Going Forward



Stay Tuned



Our Strategy

多樣化 Diversification

提供完整產品綫, 一站式採購服務
One-stop shopping

分散應用, 分散市場, 降低風險
Risk reduction

高成長+高毛利之產品組合
Balance GM & sales growth

差異化 Differentiation

持續創造俱市場競爭力產品
Make existing products better

持續擴展市場滲透率
Market share gains

持續孵化新產品
Incubate new products

We'd love to hear from you!

Strategic Marketing Director

Jacky Chou 周德雲

Tel: +886-2-2659 1276 ext 2206

E-mail: jacky_chou@sitronix.com.tw

Investor Relations Officer

Vivian Mao 毛廷方

Tel: +886-2-2659 1276 ext 2395

E-mail: vivian_mao@sitronix.com.tw

Website: <http://www.sitronix.com.tw>

Taipei office:

6F., No. 608, Ruiguang Rd., Neihu Dist., Taipei City 114, Taiwan

台北市內湖區瑞光路608號6樓

Lighting up your life.

Sitronix