



*Compound Semiconductor Solutions  
from RF to Lightwave*

**穩懋半導體**

# 穩懋半導體公司簡介

2022年7月

投資人關係窗口

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# 免責聲明

- 本資料可能包含對於未來展望的表述。該類表述是基於對現況的預期，但同時受限於已知或未知風險或不確定性的影響。因此實際結果將可能明顯不同於表述內容。
- 除法令要求外，公司並無義務因應新資訊的產生或未來事件的發生主動更新對未來展望的表述。

- 產業概況
- 營運結果與展望
- Q&A

# 產業概況

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5G + Wi-Fi



Satellite

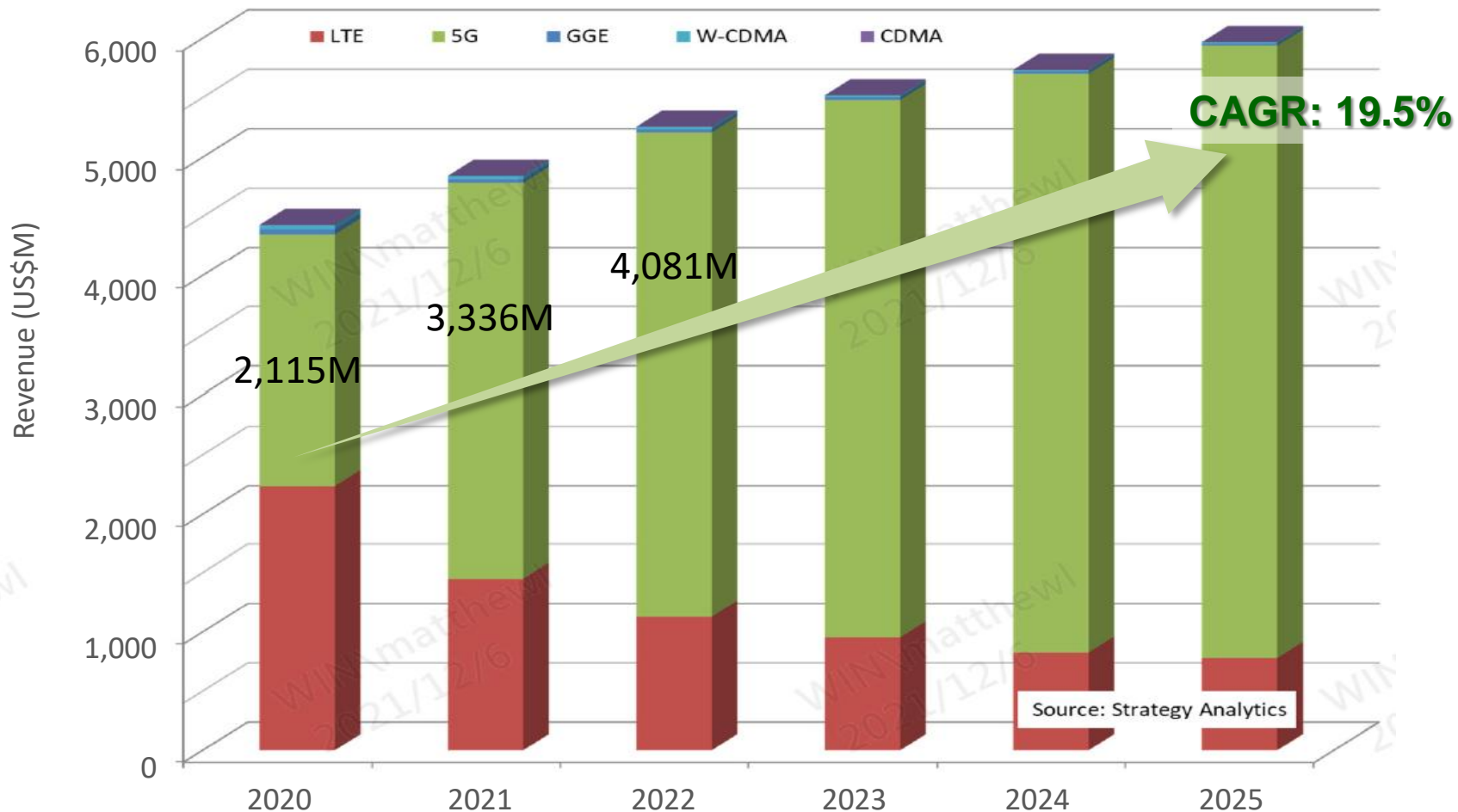


Optical  
Devices

## 未來展望

- 4G、5G並存，動能擴大，Cellular及Infra產品大量生產中，持續耕耘新世代技術
- 提升Wi-Fi 6&6E市場滲透率，Wi-Fi 7所需相應技術積極發展中
- 低軌道衛星整合陸海空無縫連網，衛星通訊需求強勁
- VCSEL製造技術及品質領先，3D及近接感測應用擴大，車用內部傳感產品成功交付
- 光電產品包含接收器及其他雷射元件，與潛力客戶積極合作，發展LiDAR應用

## Merchant RF GaAs MMIC Revenue for Cellular Terminals





# Wi-Fi 6E 市場滲透率提升

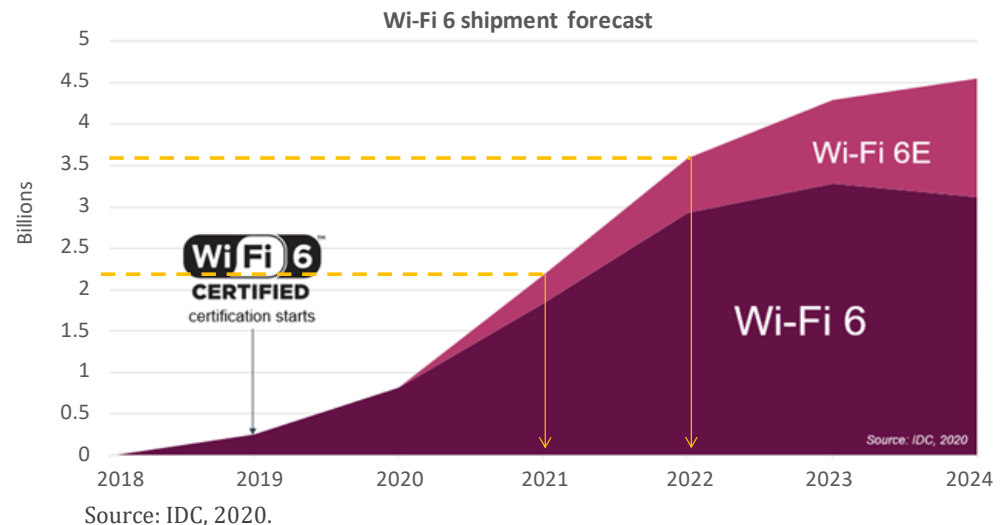


## Wi-Fi 6 & 6E new frequency band and penetration rate growth



- Wi-Fi 6E (6-7 GHz) needs superior frequency & high linearity performance which is a challenge to semiconductor.
- GaAs' outstanding characteristics can fulfill the critical requirement of Wi-Fi 6E.

- More than 3.5 billion Wi-Fi 6 product shipments in 2022, growing to 79% of product shipments.
- Nearly 20% of all Wi-Fi 6 device shipments will support 6 GHz by 2022.
- 5.2 billion Wi-Fi 6 product shipments by 2025, 41% of which will be Wi-Fi 6E.



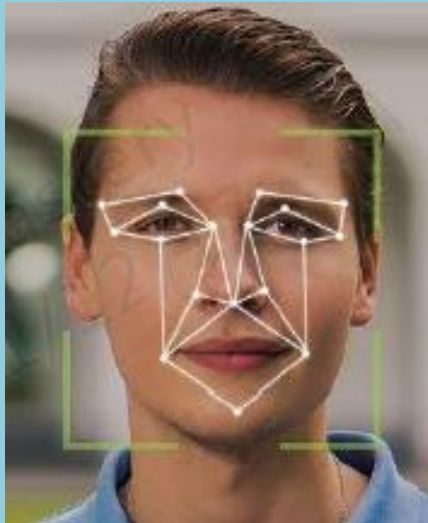
## 衛星之多層次網路



- **營收市場增大** ~December 21, 2021 MarketsandMarkets
  - The SATCOM on the move market is projected to grow from US\$ 17.7 billion in 2021 to USD 42.8 billion by 2026, at a CAGR of 19.3%.
- **數據傳輸增加** ~December 6, 2021 NSR Report
  - The space data volumes are expected to increase 14x, and it will reach more than 500 exabytes of information from 2020 to 2030.



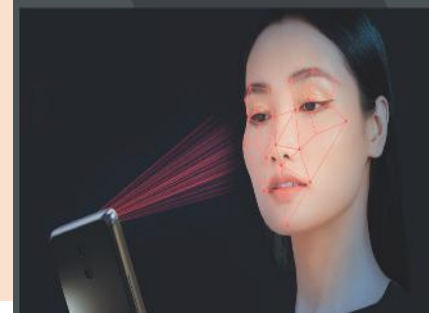
## AR/VR



- Structure-Light continuously be used for facial recognition.
- ToF for more 3D sensing applications will keep growing.
  - LiDAR at rear side of smartphone
  - AR/VR Metaverse
  - Proximity sensor
  - Camera focus assistant



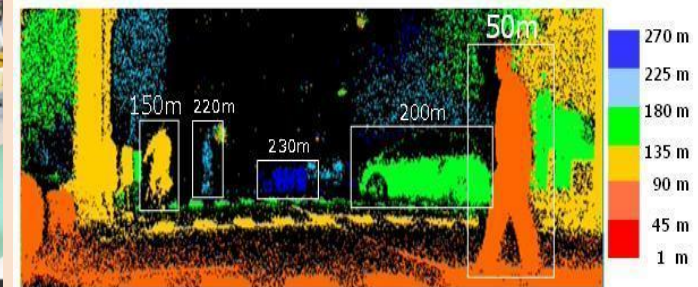
Secure face authentication behind OLED  
for unlock and mobile payment



## LiDAR



- **ToF for LiDAR applications will keep growing.**
  - High-power infrared VCSEL is in production for automotive applications. (in-vehicle sensing device DMS/OMS駕駛及乘員監控系統)
  - 150-200m long range LiDAR for robotaxis and passenger cars is in pilot stage.
  - AGV (Automated Guided Vehicle無軌無人搬運車) is in pilot stage.

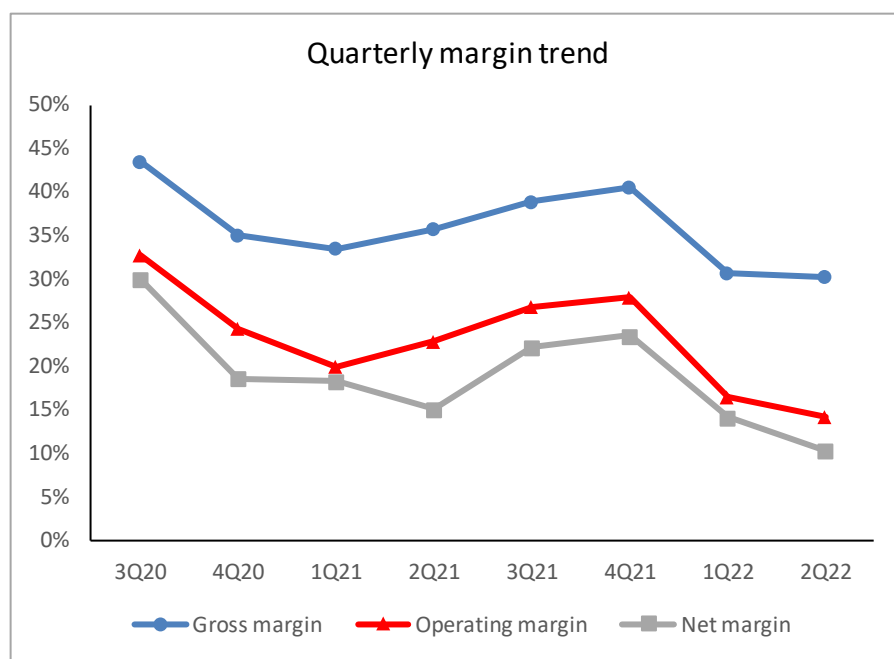
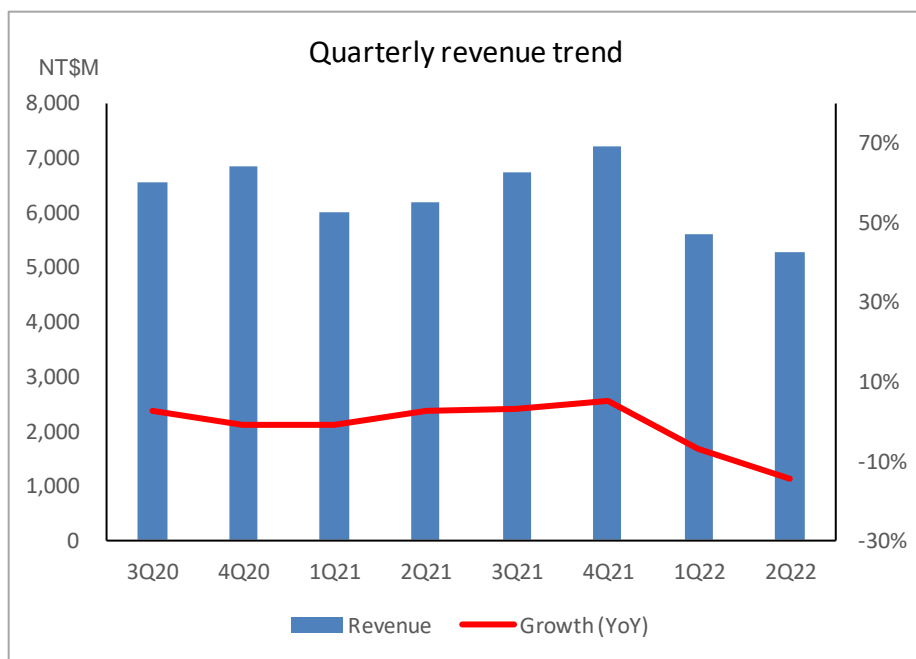


# 營運結果與展望

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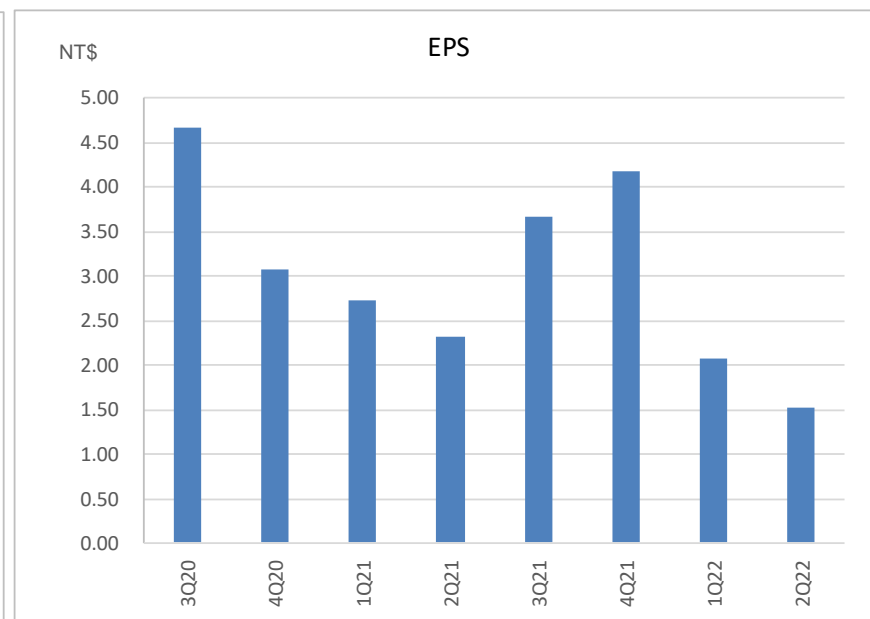
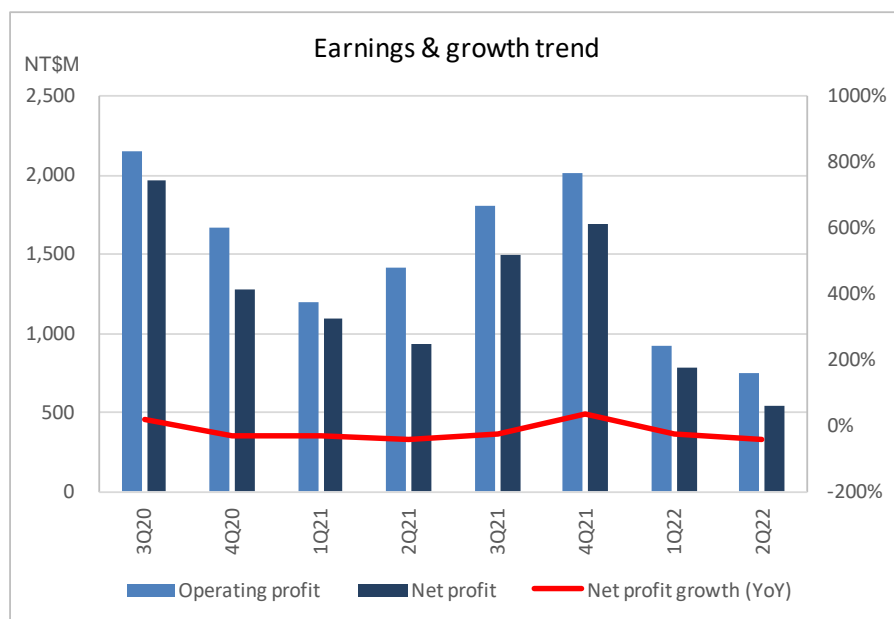
# 營收及毛利趨勢

- 第二季營收為新台幣52.97億元，較前一季減少5%，較去年同期減少14%。
- 第二季營業毛利率較前一季減少0.4個百分點為30.2%；營業淨利率較前一季減少2.3個百分點為14.1%，主要為產能利用率持續下滑所致。

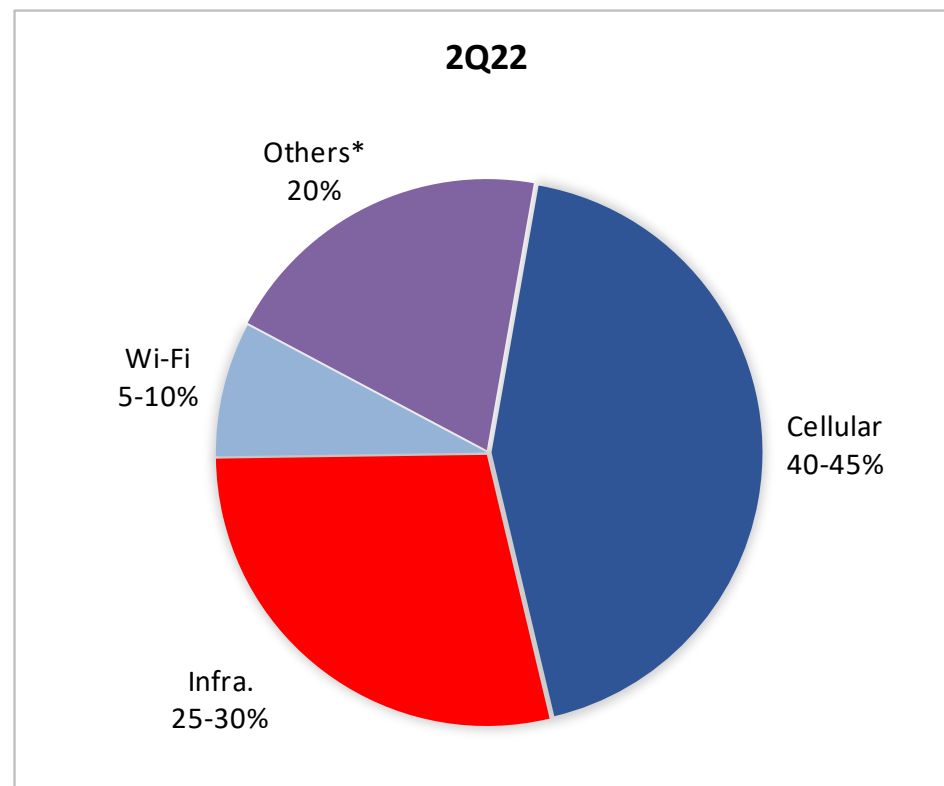
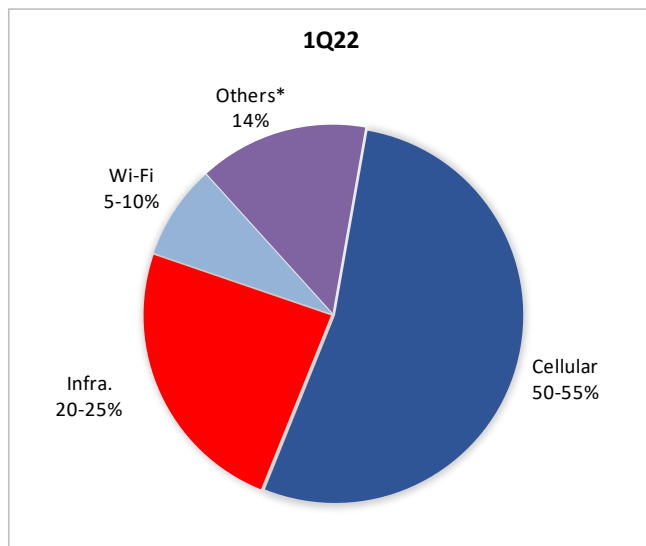
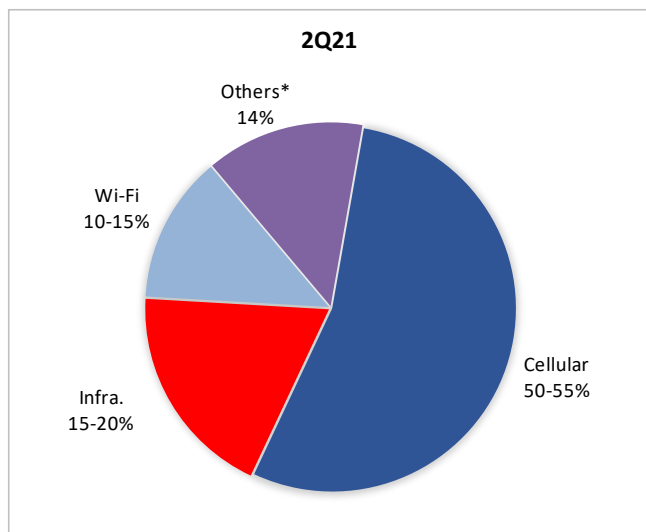


Source: company.

- 第二季淨利為NT\$5.44億元，較前一季減少31%，較去年同期減少41%；第二季EPS為NT\$1.52元，前一季EPS為NT\$2.08元。



Source: company.



\* Others: 未歸屬於以上主要產品別之營收，以及因應IFRS要求而併入集團之合併營收

Source: company.

- 第三季營收預計將較前一季下滑 **mid-twenties** 百分比。
- 第三季毛利率預計約落在 **low-twenties** 的水準。

# 附件 – 財務狀況

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# 合併綜合損益表 - 第二季

(新台幣 百萬元)	2Q'21	1Q'21	2Q'22 (自結數)	QoQ	YoY
營業收入	6,195	5,597	5,297	-5%	-14%
營業毛利	2,212	1,714	1,601	-7%	-28%
營業毛利率(%)	35.7%	30.6%	30.2%		
營業費用	(803)	(798)	(853)	+7%	+6%
營業費用率(%)	-13%	-14%	-16%		
營業淨利	1,409	916	747	-18%	-47%
營業淨利率(%)	22.7%	16.4%	14.1%		
營業外收支淨額	(283)	75	(79)		
稅前淨利	1,126	991	669	-33%	-41%
所得稅費用	(197)	(205)	(125)		
本期淨利	930	786	544	-31%	-41%
淨利率(%)	15.0%	14.0%	10.3%		
每股純益(元)	2.32	2.08	1.52	-27%	-34%
其他綜合損益(稅後淨額)	69	374	(472)		
綜合損益總額	998	1,160	72	-94%	-93%
年化ROE(%)	12%	10%	8%		
約當產能利用率 (%)	90%	70%	60%		
折舊費用	1,028	1,058	1,051		
資本支出	2,702	1,320	3,136		

# 合併綜合損益表 - 上半年

(新台幣 百萬元)	2021H1	2022H1 (自結數)	YoY
<b>營業收入</b>	<b>12,204</b>	<b>10,894</b>	-11%
營業毛利	4,224	3,315	-22%
營業毛利率(%)	34.6%	30.4%	
營業費用	(1,619)	(1,651)	+2%
營業費用率(%)	-13%	-15%	
<b>營業淨利</b>	<b>2,605</b>	<b>1,663</b>	-36%
營業淨利率(%)	21.3%	15.3%	
營業外收支淨額	(92)	(4)	
稅前淨利	2,513	1,659	-34%
所得稅費用	(488)	(329)	
<b>本期淨利</b>	<b>2,025</b>	<b>1,330</b>	-34%
淨利率(%)	16.6%	12.2%	
<b>每股純益(元)</b>	<b>5.04</b>	<b>3.60</b>	-29%
其他綜合損益(稅後淨額)	55	(98)	
<b>綜合損益總額</b>	<b>2,080</b>	<b>1,233</b>	-41%
年化ROE(%)	13%	9%	
約當產能利用率 (%)	85%	65%	
折舊費用	2,027	2,109	
資本支出	4,536	4,456	

# 營業外收支

(新台幣 百萬元)	2Q'21	2Q'22 (自結數)	2021H1	2022H1 (自結數)
外幣兌換損益	(348)	100	(157)	439
處分不動產、廠房及設備損益	0.7	7	(5)	7
透過損益按公允價值衡量之金融資產及負債淨損益	144	(300)	222	(579)
採用權益法認列之關聯企業及合資損益之份額	(22)	99	(61)	161
其他	(57)	15	(91)	(31)
<b>總計</b>	<b>(283)</b>	<b>(79)</b>	<b>(92)</b>	<b>(4)</b>

# 合併資產負債表

(新台幣 百萬元) 重要科目	2021/6/30		2022/3/31		2022/6/30 (自結數)	
	\$	%	\$	%	\$	%
現金及約當現金	19,899	27%	14,207	19%	12,960	18%
透過損益按公允價值衡量之金融資產-流動	258	0.4%	57	0.1%	53	0.1%
應收票據及帳款淨額	2,107	3%	2,020	3%	1,826	3%
存貨	6,065	8%	6,295	8%	5,960	8%
長期投資	11,767	16%	14,621	20%	14,036	19%
不動產、廠房及設備	29,111	40%	33,003	45%	33,996	47%
<b>資產總計</b>	<b>72,576</b>	<b>100%</b>	<b>74,073</b>	<b>100%</b>	<b>72,767</b>	<b>100%</b>
一年內到期之長期負債	-		-		247	
流動負債	10,862		11,036		10,252	
應付公司債	13,202		13,329		13,372	
長期借款	12,341		13,520		12,914	
<b>負債總額</b>	<b>37,634</b>	<b>52%</b>	<b>39,177</b>	<b>53%</b>	<b>37,796</b>	<b>52%</b>
普通股股本	4,240		4,240		4,240	
歸屬於母公司業主之權益	32,727		32,739		32,929	
<b>權益總計</b>	<b>34,942</b>	<b>48%</b>	<b>34,896</b>	<b>47%</b>	<b>34,971</b>	<b>48%</b>
每股淨值(元) <sup>1</sup>	77.18		77.22		77.67	
<b>重要財務指標</b>						
流動比率	266%		210%		210%	
負債比率	52%		53%		52%	

<sup>1</sup> 每股淨值=歸屬於母公司業主權益/普通股股數

# Q & A

For more information regarding WIN  
[www.winfoundry.com](http://www.winfoundry.com)

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