

# APEC

## 富鼎先進電子2020年法人說明會 2020 Investor Conference



Nov. 11, 2020



*Advanced Power Electronics Corp.*



# 免責聲明 Safe Harbor Notice

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This presentation and discussions contain forward looking statements. These statements are based on current expectations and are subject to known and unknown risks and uncertainties. Actual results may differ materially from those expressed or implied by these forward looking statements. Except as required by law, we undertake no obligation to update any forward looking statement, whether as a result of new information, future events, or otherwise.



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# 重要財務指標 Balance Sheets & Key Indices

單位:新台幣千元

## 資產負債表項目 Selected Items from Balance Sheets

	3Q20		2Q20		1Q20		4Q19	
	金額 Amount	%	金額 Amount	%	金額 Amount	%	金額 Amount	%
現金及有價金融商品投資 Cash & Marketable Securities	381,286	15%	312,716	13%	382,470	17%	302,815	13%
應收款項 Accounts Receivable	766,264	31%	700,927	30%	476,621	22%	556,250	25%
存貨 Inventories	767,875	32%	788,517	34%	781,229	36%	824,384	37%
長期投資 Long-term Investments	48,074	2%	41,290	2%	32,146	1%	35,105	2%
不動產、廠房及設備 Net PP&E	237,997	10%	240,219	10%	235,296	11%	236,951	10%
<b>資產總計 Total Assets</b>	<b>2,426,357</b>	<b>100%</b>	<b>2,327,589</b>	<b>100%</b>	<b>2,183,129</b>	<b>100%</b>	<b>2,249,354</b>	<b>100%</b>
流動負債 Current Liabilities	913,446	38%	876,149	38%	746,910	34%	832,594	37%
<b>負債總計 Total Liabilities</b>	<b>913,587</b>	<b>38%</b>	<b>876,430</b>	<b>38%</b>	<b>747,717</b>	<b>34%</b>	<b>833,304</b>	<b>37%</b>
<b>股東權益總計 Total Shareholders' Equity</b>	<b>1,512,770</b>	<b>62%</b>	<b>1,451,159</b>	<b>62%</b>	<b>1,435,412</b>	<b>66%</b>	<b>1,416,050</b>	<b>63%</b>

## 重要財務指標 Key Indices

平均收現日數 A/R Turnover Days	72	75	88	97
平均銷貨日數 Inventory Turnover Days	103	114	157	156
流動比率(倍) Current Ratio (x)	2.15	2.12	2.28	2.10

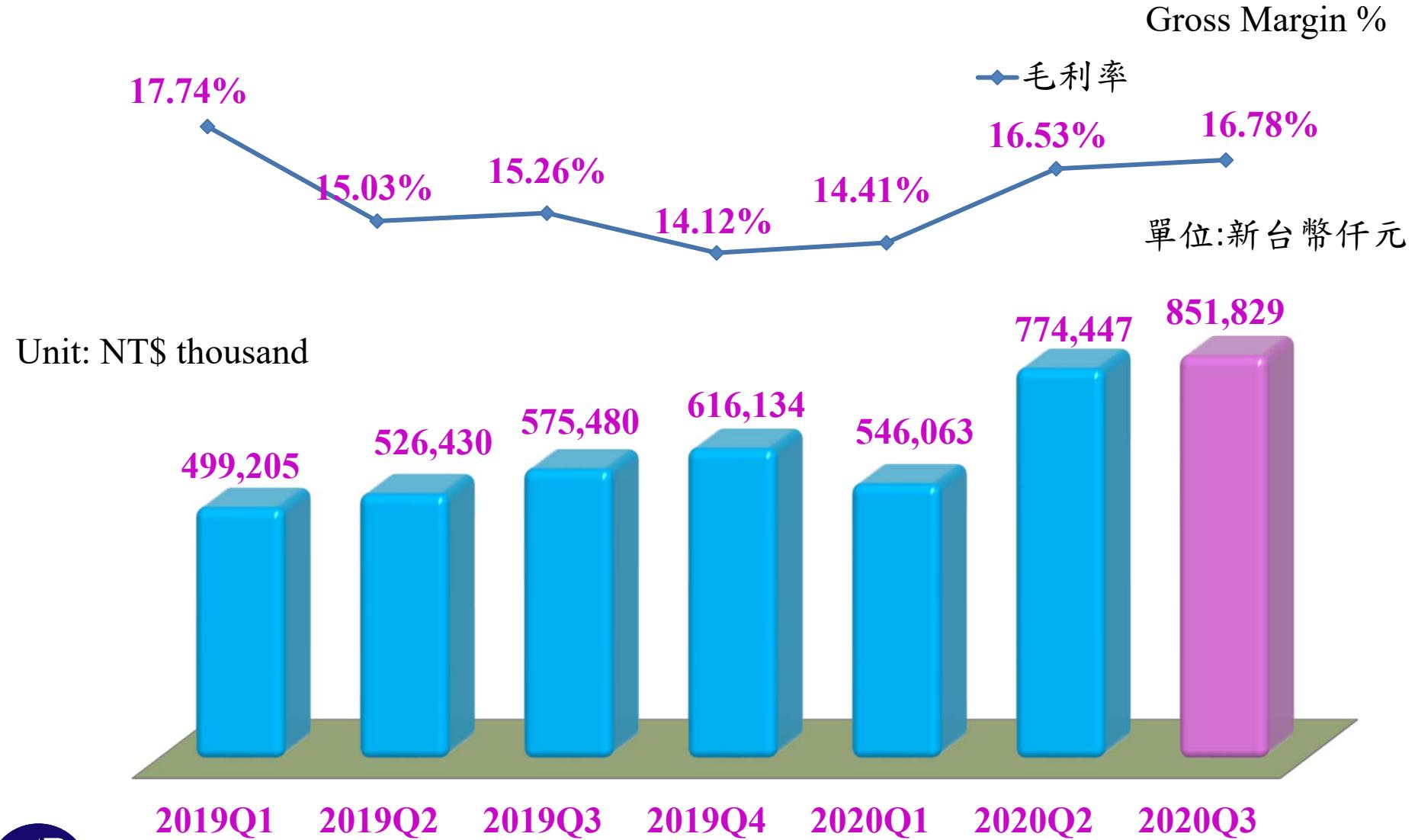


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# 合併營收 Sales Revenues

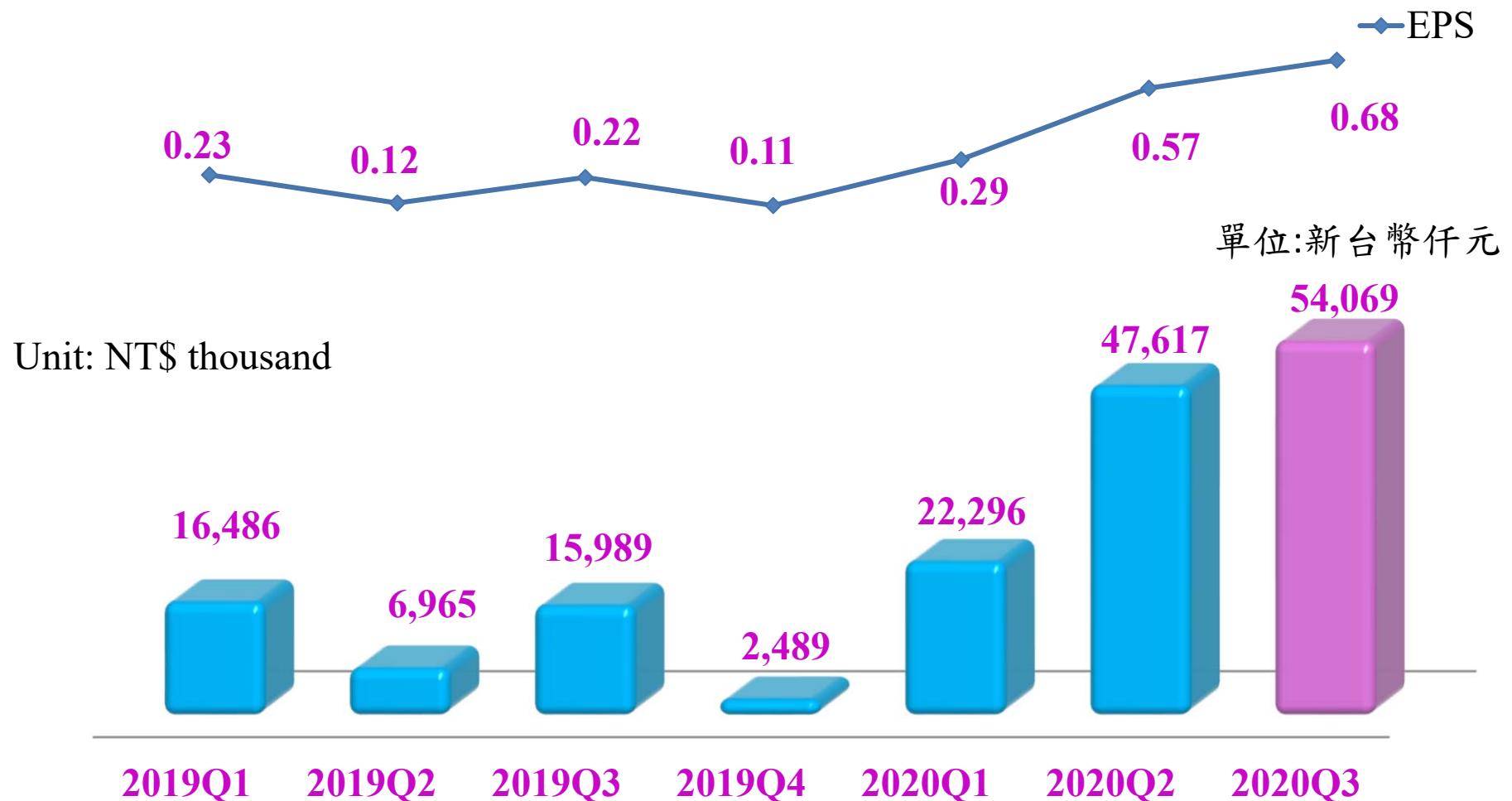


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# 合併稅後淨利及每股盈餘 Net Profit and EPS



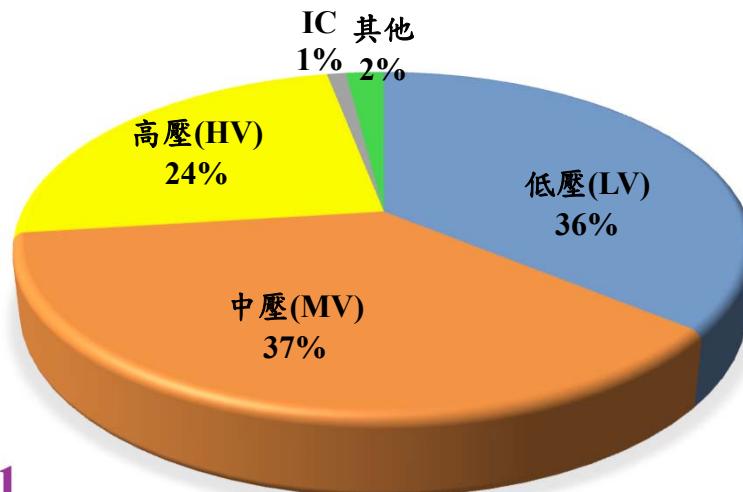
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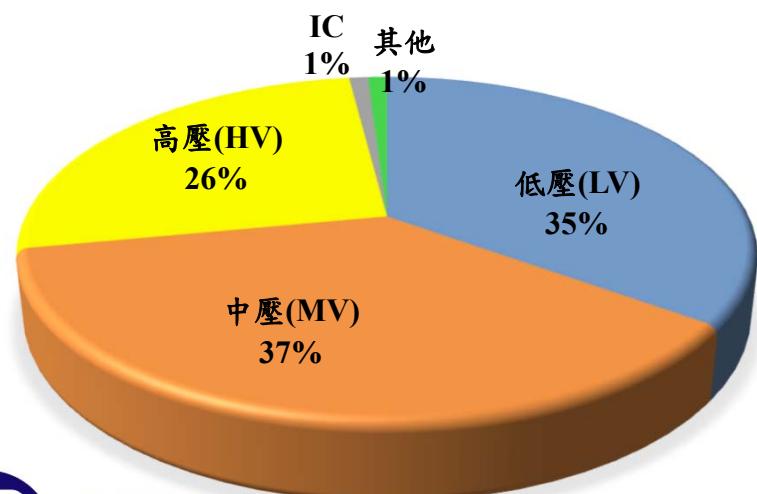
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# 產品分類 Sales Revenues by Voltage

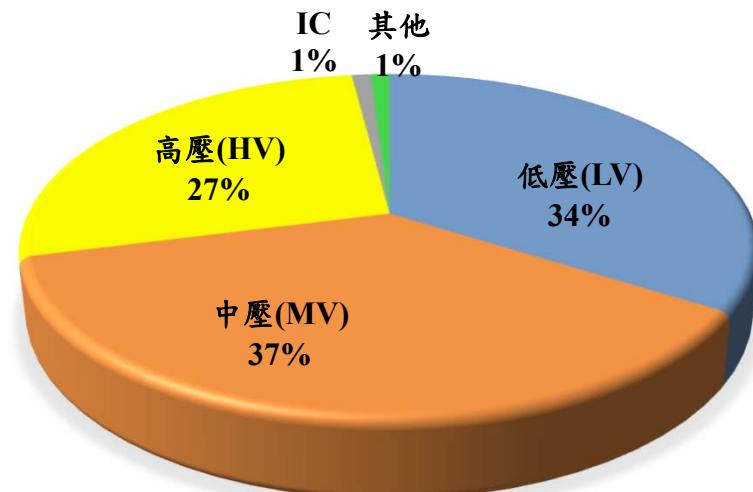
2020Q3



2020Q1



2020Q2

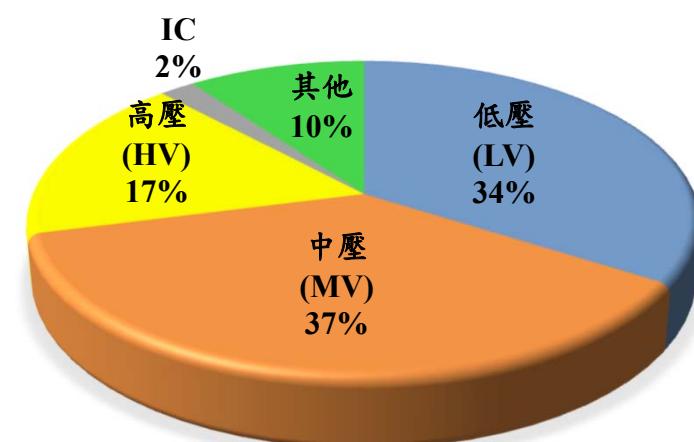
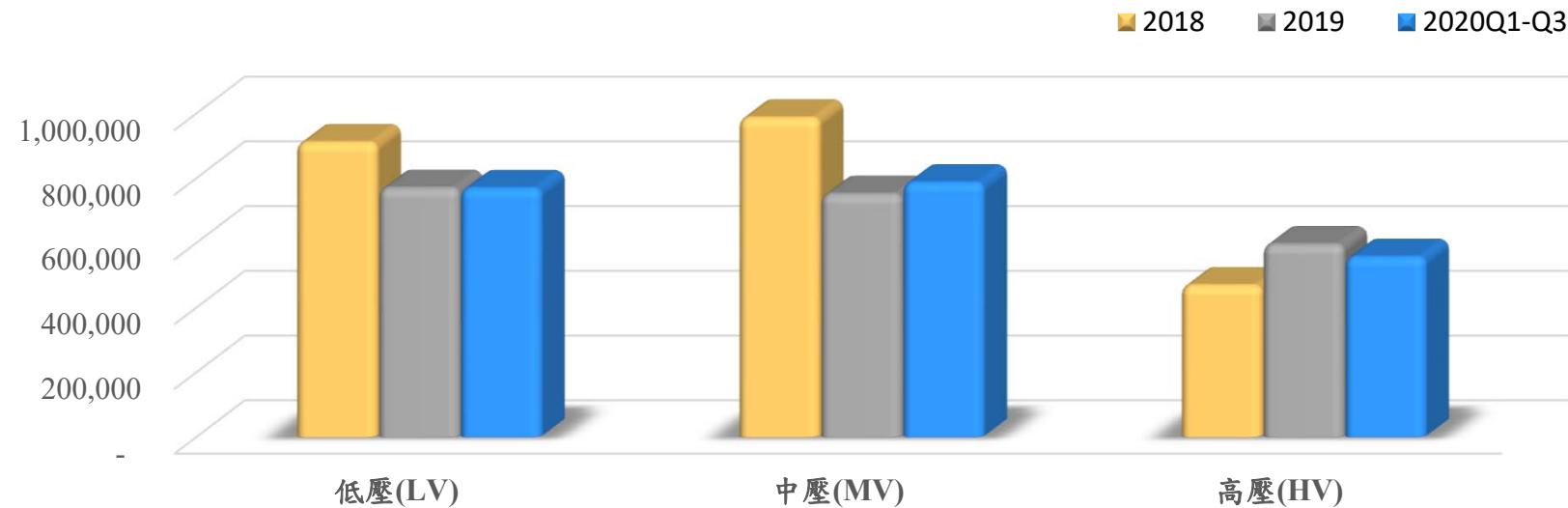


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# 產品分類 Sales Revenues by Voltage



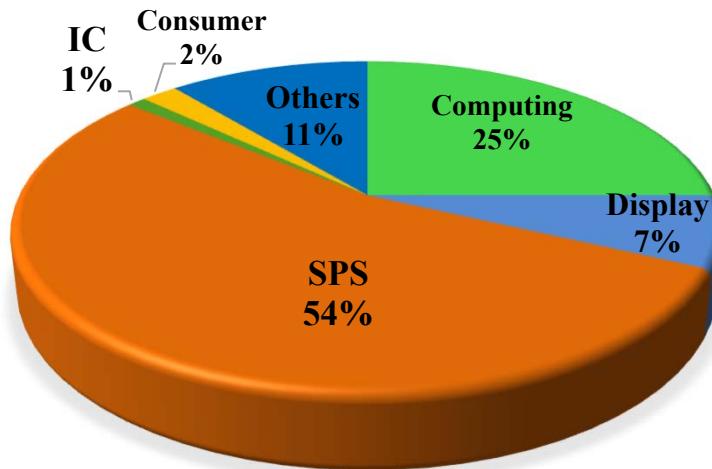
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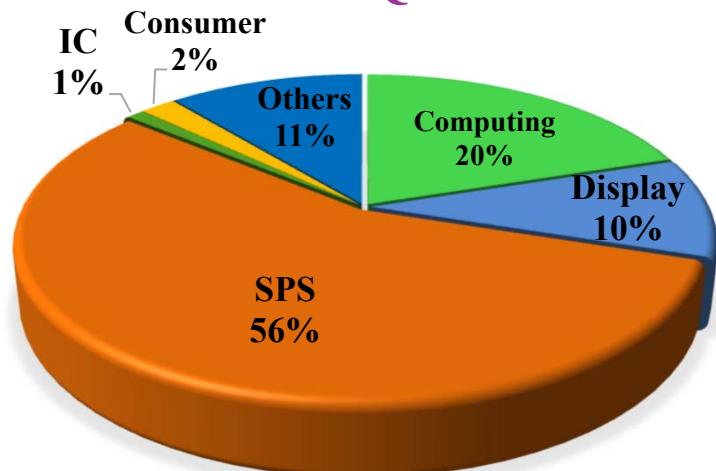
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# 產品應用分類 Sales Revenues by Application

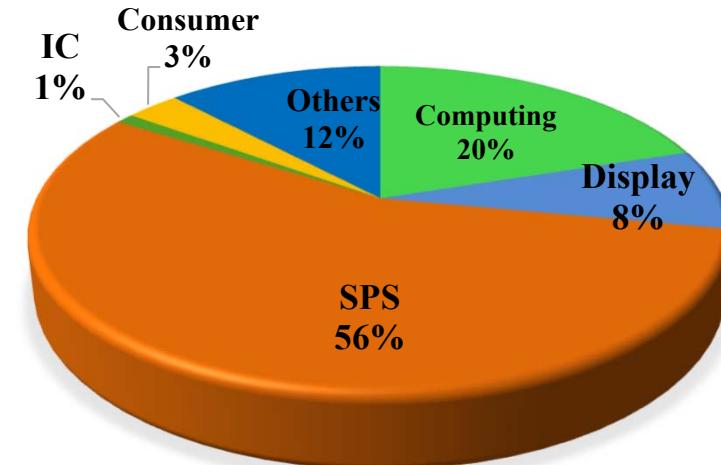
2020Q3



2020Q1



2020Q2

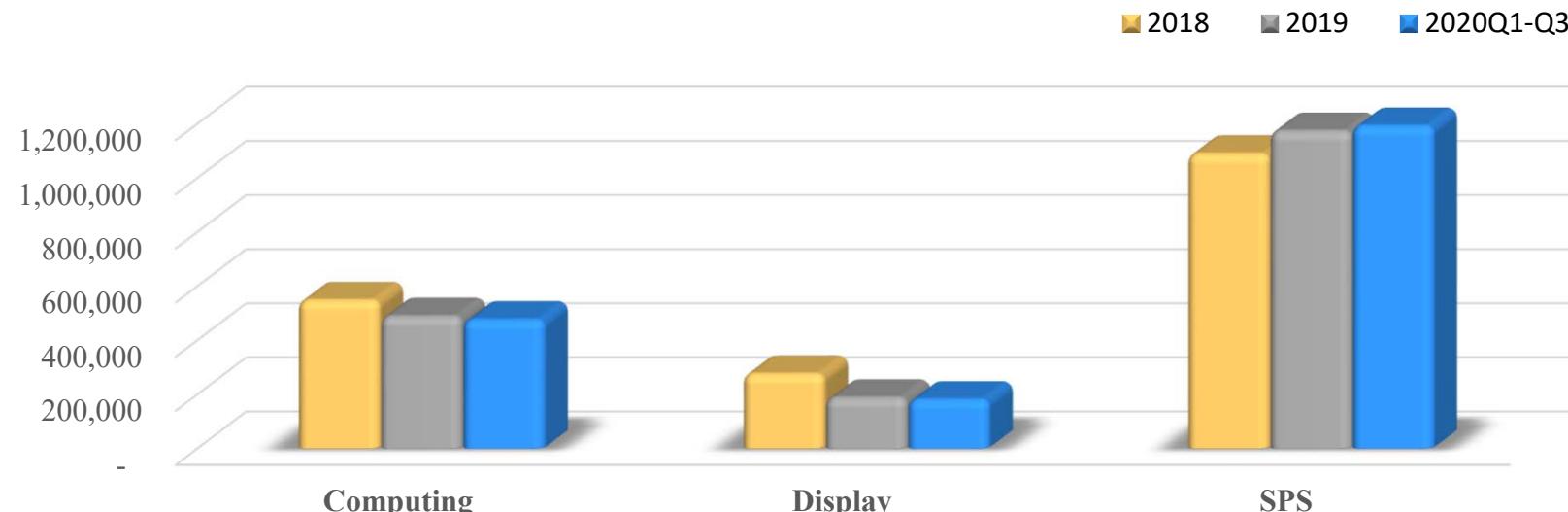


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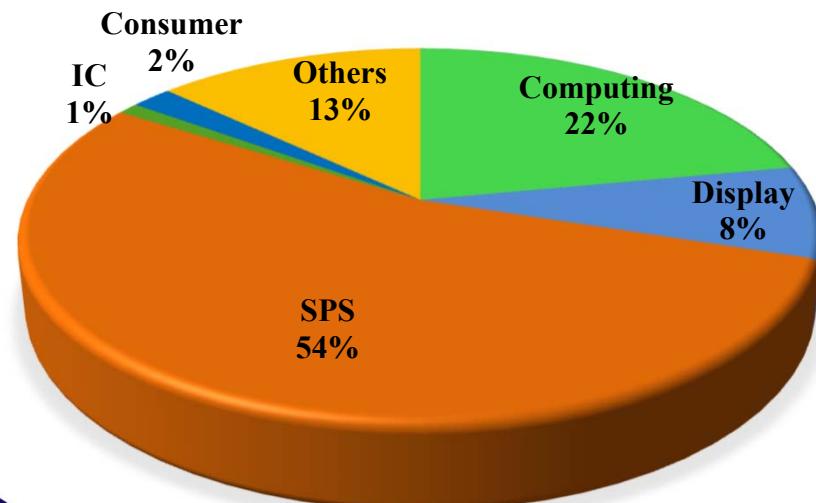
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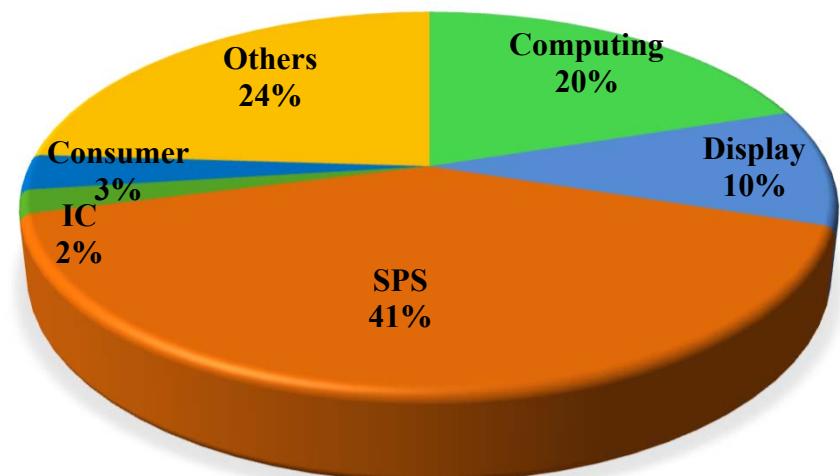
# 產品應用分類 Sales Revenues by Application



2019



2018



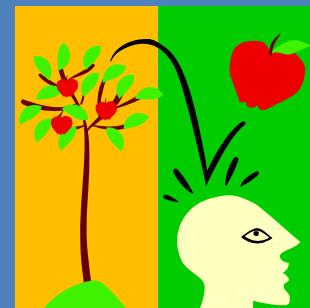
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# 研發概況

# Technology Overview



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# 產品線 Product Overview

- Std. N MOSFETs
- Std. -200V P MOSFETs
- High ESD Protection Capability HV MOSFETs
- Ultra Low Ron HV MOSFETs
- Fast Recovering HV MOSFETs
- SiC Schottky Barrier Diode

高壓  
High Voltage  
MOSFET  
200~1200V

Adaptor, Charger, SPS

低壓  
Low Voltage  
MOSFET  
 $\leq 40V$   
MB, NB, Server

- Std. N & P MOSFETs
- High ESD Protection Capability MOSFETs (ESD > 8KV)
- N MOSFETs with Schottky Diode
- Ultra Low Qgd N MOSFETs

E-Bike, E-Tools,  
SRFET  
中壓  
Mid. Voltage  
MOSFET  
60~150V

White Goods IH Cooker  
Welding Machine  
EV Charger  
絕緣閘雙載子  
IGBT  
400~1200V

- Std. N & P MOSFETs
- High ESD Protection Capability MOSFETs
- Ultra Low Qgd MOSFETs
- Ultra Low Ron N MOSFETs

- 400V Strobe Flash IGBT
- 600V FS IGBT
- 1200V FS IGBT
- 600V FS IGBT + FRD
- 1200V FS IGBT + FRD
- 600V/1200V FS RC-IGBT



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# 產品封裝型態 Power Discrete Package List

THP	SMD	SMD	Leadless	WLCSP
TO-3P	TO-263	TSOP-6	DFN2x2	CSP-4 & 6
TO-247	TO-263-6L	SOT-363(353)	PDFN8x8	
TO-262	TO-252-4L	SOT-323	PMPAK5x6	
TO-220	TO-252	SOT-23		
TO-220CFM	SO-8	SOT26		
TO-126F	TSSOP-8	SOT25	PMPAK3x3	
TO-251	2928-8L	SOT-89		
TO-92	2021-8L	SOT-223-2L	PQFN3x3	
PDIP-8	SSPAK			
TO-220WF	TOLL			



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*Note. Symbolic images only and not to scale*

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# 公司核心價值 APEC Core Values

## Customer Trust

Customers come first.  
Their success is our success

## Superior Quality

Continuously improvement & execution

## Superior Service

Instant reaction, Flexibility

## Proceed Technology excellent

It means more than new ideas from customer, it means putting ideas into practice.



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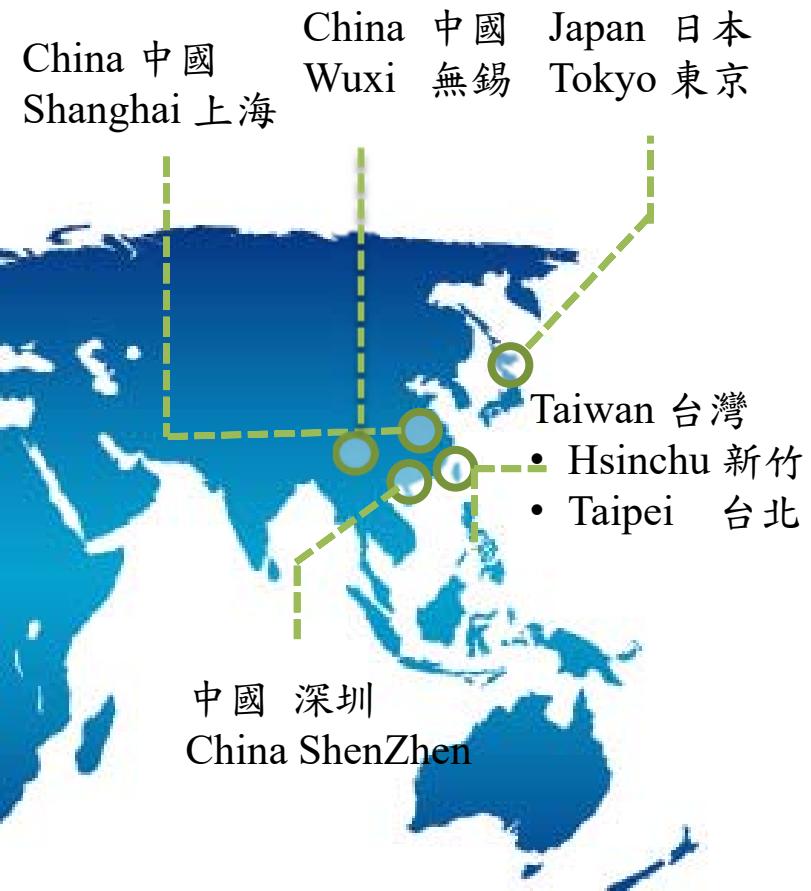
# 全球行銷據點 Location & Sales Support

全球145位員工

145 Employees Worldwide



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- Headquartered in Taiwan



- 區域辦公室:中國/日本
- Regional offices: China / Japan



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# 問與答 Q&A

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# THANK YOU

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Your Best **Power** Solution Partner.



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