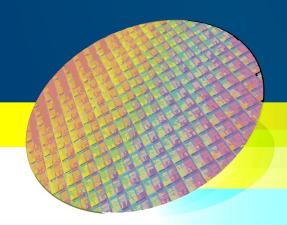


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Investor Conference



Andy Huang, Co-head

Venue: Taiwan Stock Exchange Taipei 101 November 26th, 2020

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This presentation contains some forward-looking statements that are subject to substantial risks and uncertainties. Typically, these statements contain words such as "anticipate", "believe", "could", "estimate", "expect", "intend", "plan", "forecast", "project", "predict", "potential", "continue", "may", "should", "will", and "would" or similar words. You should consider these forward-looking statements carefully because such statements are only our expectations or projections about future events, and actual results may differ materially from those expressed or implied by such statements. The forward-looking statements in this presentation include, but are not limited to, growth rates for various markets estimated by third party sources, future products and technology development, widespread market acceptance of the hosted delivery model, future revenue growth and profitability. You should be cautioned that the forward-looking statements are no guarantee of our future performance. The forward-looking statements contained in this presentation are made only as of the date of this presentation and we undertake no obligation to update the forward-looking statements to reflect subsequent events or circumstances, except as required by law.

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• Growth Opportunities & Product Development

• **Q&A**

Growth Opportunities& Product Development

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-G2C Alliance(C SUN \ GPM \ GMM)

Advantages Of Strategic Alliances

- -2019-2021 Operating Results Growth Opportunities:
 - · Advanced Packaging(SEMI) · Flat Panel Display (FPD)
 - Printed Circuit Board(PCB)



- Each partner own different core technologies and deeply rooted in electronic industry.
- > Can integrate partner's resources to cater customer's need swiftly.
- > 33% of Actiance's employees are R&m.
- > 1,618, RD members 529. (529/1618)

STP Process Equipment System in a Package

系統級封裝



One Stop Shop



Wafer Saw

C SUN Oven CSUN OVEN

Fan Outprocess Equipment

Fan Out Wafer Level Package

扇出型封裝



Molding

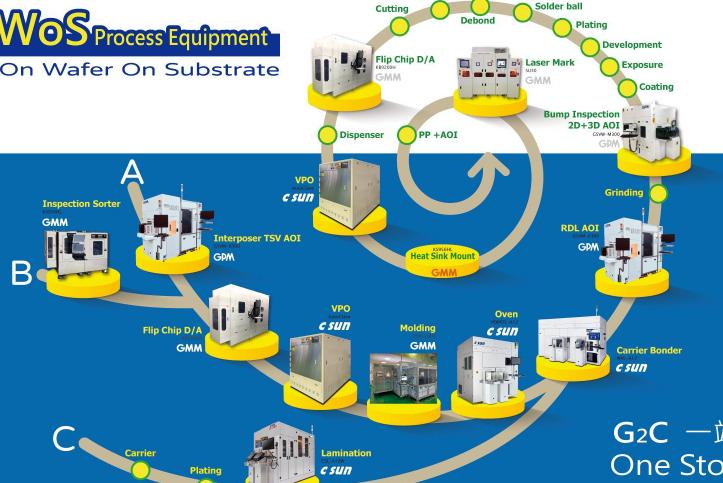
Auto Oven

GMM

G2C 一站式服務 One Stop Shop



Chip On Wafer On Substrate



Taping

G2C 一站式服務 One Stop Shop

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2020~2021 Semiconductor Opportunities

Trend and market development

- The development of advanced packaging technologies spur the growth of 5G and AIoT silicons.
- The demand of silicons for 5G, AI and Autonomous car.
- The trend of hereto-integration of technologies is undergoing and the growth of the advanced packaging sector is speeding up.
- CSUN and G2C alliance have manufacturing bases cross the Strait and ready to integrate for the new reality

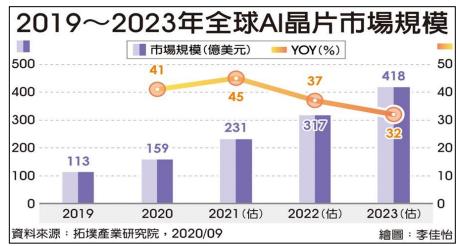


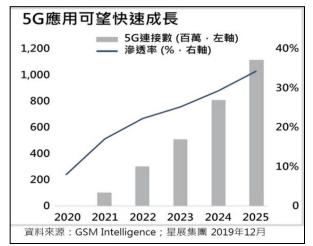
2020~2021 Semiconductor Opportunities

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Trends/ market development

- The development of advanced packaging technologies spur the growth of 5G and AIoT silicons.
- The demand of silicons for 5G, AI and Autonomous cars is clear sky.
- COF packaging is in shortage as driver IC bumps into production bottlenecks.



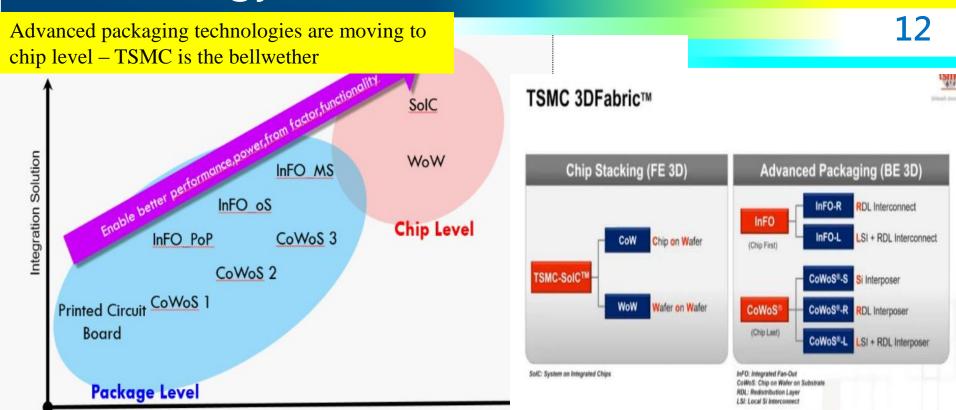


2020~2021 Advanced Packaging Technology Trend.

Time

資料來源: TSMC + 2020/8





COF Industrial Application-Floating R2R (Roll to Roll) Oven

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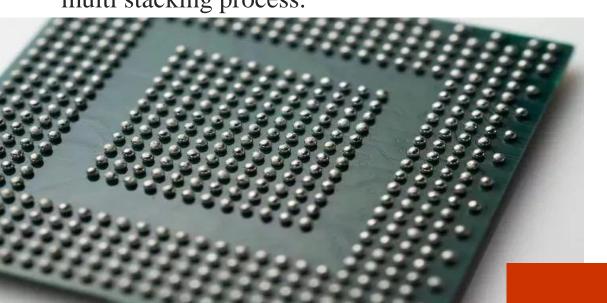
- Fully automated non contact type R2R oven has been moved in customer in China in Q1 2020 and repeat order is received.
- Applications: COF, FPCB, Flex panel display and flex-electronics.





- For chip on wafer and u bump de-bubbling.
- Delivered to packaging big names.

VPO connecting with OHT is certified by big name DRAM manufacturer in multi stacking process.



Vacuum Pressure Oven

RF Module Integration Trend: Power Amplifier / Filter Integration.



Wafer-form Auto Roller Laminator



Auto Mylar Peeler

WLP / PLP Advanced Packaging Equipment *C SUN*

- RDL Fan-Out Package process vacuum lamination and Automated Oven Line.
- Wafer vacuum lamination equipment was prepared prior to mass production in T company and started placing repeat orders, for the SoW process base line.
- Burn in Auto Oven has been passed the Mainland DRAM factory verification, and new projects are currently under negotiation.





Wafer –Form Vacuum Laminator

Burn in AUTO OVEN

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AI & AIoT Chips

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• The production scale of 2.5D TSV advanced packaging expands with the application of AI chips, and continues to increase volume.

As 3D TSV enters into the mass production stage, the specifications nearing to its requirement and production scale continue to grow. It is estimated to have a double-digit growth in demand

for the equipment within 5 years.



High clean ring-spoke furnace tube.



Carrier Bonder

Auto oven

2020~2021 PCB Technology & Opportunity



- Prompt plant construction for IC Carrier and HDI Board
- 5G Servo Board
- Mass Production for Mini LED Base.

Fast Plant construction for IC Carrier and HDI Board



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- IC Substrate/Substrate Type and HDI High-End Packaging Equipment.
- Demand for ABF process equipment continues to increase.







Ultra-thin board high-end laminating machine

Multi-chamber vacuum laminating line (ABF)

ABF Mylar Peeler Machine

5G Servo Board



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- Significant increase in demand for 5G base stations and cloud server servo boards.
- Actively expanding the market for LCP



Fully Auto Exposure System

RTR Auto Exposure Machine

Roll to Roll Auto Laminator

Mini LED Circuit Base Mass Production CSUN



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The massive backlighting conversion of smart phones to mini LEDs, has tremendously increase the demand.







Auto Vacuum **Laminating Line** **Auto Roller Laminating** Machine

Auto Single-Sided Peeling machine







Prime Proven Technology in the industry covering

- High Frequency and Speed for 5G Communication
- High reliable automotive electronics
- Market for thin and compact FPC
- Expansion and Transformation of Industry 4.0

Multiple growth in output & 5G Multiple growth in output applications drive. Construction and product applications drive.

IC Substrate Ultra-Thin Board Equipment Promotion

• Optimize equipment and commercial market promotion

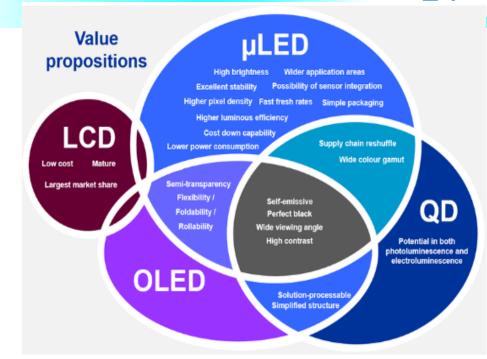


2020~2021 FPD Industry overview and opportunities



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- Mainland Customer G10.5 \ G8.6
 TFT/OLED slows down in plant construction.
- Large-scale applications of highend automotive modules (3D)
- Mini LED/Micro LED manufacturing process.
- Gaming Panel Monitor demand promotes requirement of highend processes.



Car Panel Oven, Curing & Lamination



• Demand for Taiwan's automotive panels expand and modification of Taiwan's automotive panels continues to increase.

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- There are special line order from cars manufacturers. Q2, orders from I-company on car panel module automation line and Q3 H-company car panel aging line.
- 2020/Q4 lamination technology is introduced into the automotive panel laminating process.



Panel Curing Process Line



Panel Film Line

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- High-End Protective Glass Anti-glare and Anti-fingerprint layer baking line for car panel.
- Delivered to Japanese glass factory A company.
 Mass production for verification in Q3
- Negotiating co-operation with major China manufactures





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- Mini LED backlight applications will gradually be used in high-end panels
- Micro LED experimental lines are successively being introduced to gear up for mass production.
- The glass backplane process has managed to introduce Oven, UV, and Plasma equipment for production line applications.
- Have received an order from a major company in Q2, for applying plasma to mini LED cleaning and glue removal equipment.
- Q4 Micro LED RD line







Continuous Demand in Gaming Monitor

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- In Y2020, Gaming LCD shipments is forecasted to be 12.2 million units.
- There is a 37% growth compared with Y2019.
- The continuous increase in IPS and VA Technologies, as result a demand for new equipment.

年度產品	2020年		2024年		左指合此 巨來
	出貨量 (萬台)	ASP (美元)	出貨量 (萬台)	ASP (美元)	年複合成長率(%)
電競桌機	1,480	699	1,580	671	1.6
電競螢幕	1,240	348	1,600	341	6.4
電競筆電	2,230	967	3,020	955	7.9
總量	4,960	=	6,190	-	5.7
資料來源: II	DC , 2020/9				整理:翁毓嵐





Source: TrendForce, Jul. 2020

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Q4/2020 Outlook

- The G2C platform creates and provides equipment integration advantages.
- Follow up on advanced packaging capital expenditures with the foundry company T.
- Keeping up with the capital expenditures with advanced packaging of OEM T company.
- System-in-package applications are widely used and continue to cultivate the capital expenditures of major packaging in A and C Company.
- IC substrates and mini LED applications continues to expand, and heavy investment from Taiwan-funded factories.
- Increase servo boards in HDI and capital expenditures on equipments are high.
- The Mainland G10.5 and G8.6 plants continues to build.
- The large size high-end vehicle modules has led to the demand for dedicated production process from car manufacturers.

Thank You