



# FAVITE Inc.

**Stock Code : 3535**

**2021 Investor Conference**

*Your Favorite AOI*





# Disclaimer

Favite's statements of its current expectations and estimates are forward-looking statements subject to significant known and unknown risks and uncertainties and actual results may differ materially from those contained or implied in the forward-looking statements. These forward-looking statements are not guarantees of future performance and therefore one should not place undue reliance on them. Except as required by law, we undertake no obligation to update any forward-looking statements, whether as a result of new information, future events, or otherwise.



- **Company Profile**
- **Market Overview**
- **Operational Focus**
- **Financial Report**
- **ESG**



## ■ Company Profile



- ❑ **Founded** 2000
- ❑ **IPO** 2008
- ❑ **Capital** NTD. 790 Million
- ❑ **Headquarter** Taiwan HsinChu
- ❑ **Employees** 260
- ❑ **Website** <https://www.favite.com>



2021

- Announced **AI real-time automatic inspection system** and introduced it in well-known PCB and Micro LED pioneer manufacturers.

2020

- Mini LED/Micro LED new technology application, released **m/m LED inspection**, successfully imported by well-known manufacturers.

2019

- Obtained the Ministry of Economic Affairs' leading academic program to develop **2um RDL ultra-fine circuit AOI applied to FOPLP**.

2017

- Stepping into SEMI industry, released **Glass Wafer AOI**, which was successfully introduced by a well-known domestic semiconductor factory.

2010

- Entered the China market and became a key AOI supplier for major panel makers (G4.5~G10.5) in the Greater China region.

2008

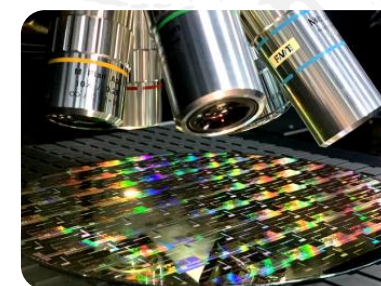
- Listed on the Taiwan Stock Exchange

2005

- Announced TFT-LCD **Array AOI**, which was successively introduced and used by major panel manufacturers.

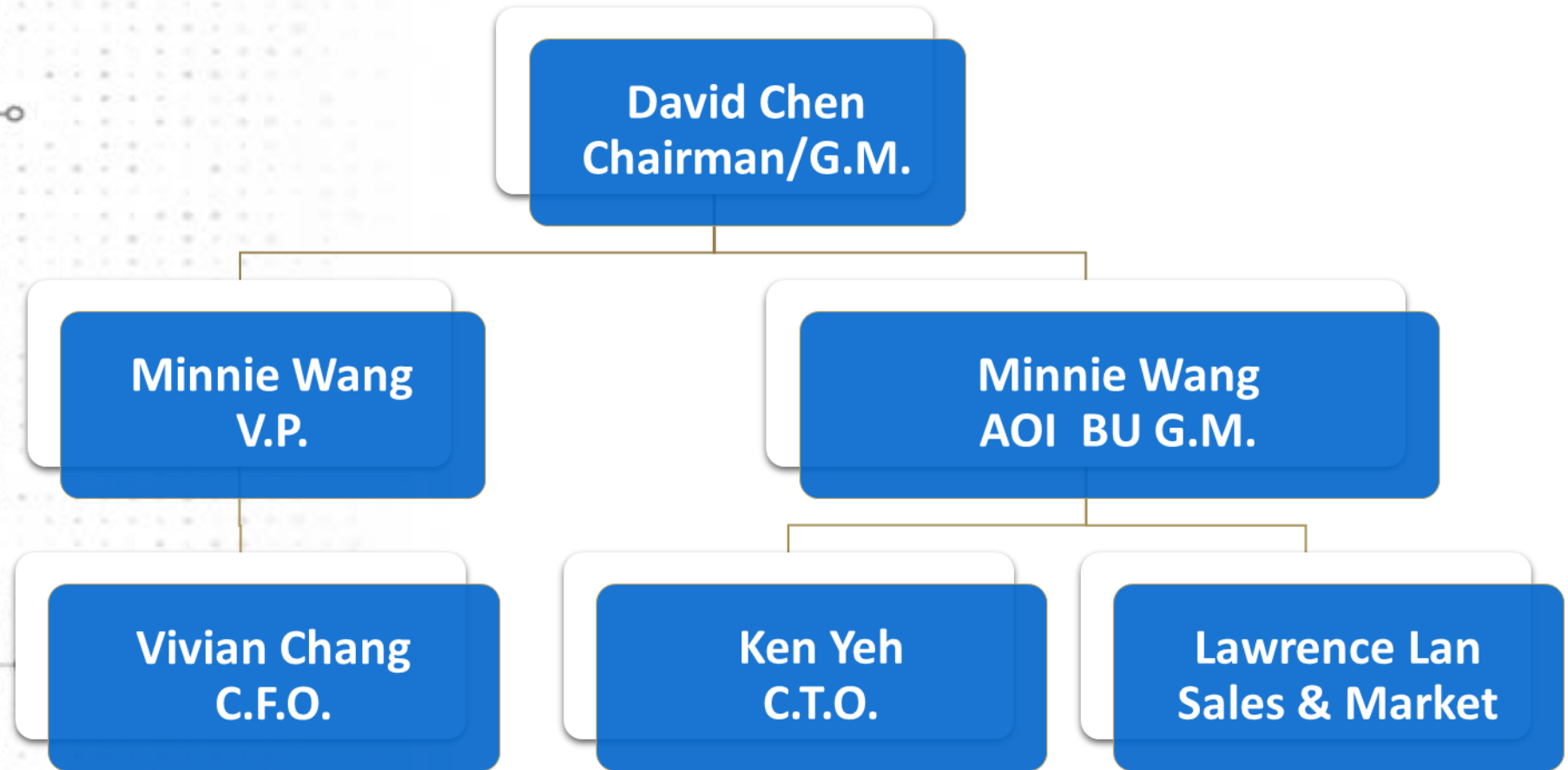
2000

- Established in the Entrepreneurship Training Center of ITRI





# Favite Management Team





# Comprehensive Management

FAVITE Inc. is determined to become a quality guardian in the industrial field with its self-developed machine vision core technology. Satisfy customers in various fields for providing AI intelligent, accurate and fast machine vision inspection solutions, which are widely used in flat-panel display, semiconductors, PCBs and other industrial AOI/AVI fields.

## Response to market demand and grasp of opportunities

- Requirements for excellence in quality-provide intelligent AOI to solve the traditional dilemma of over-inspection/miss-inspection
- The hidden worries of lack of labor and insufficient testing manpower – Provide automation/intelligence/customized AOI
- The epidemic and the impact of the U.S.-China trade war – Made in Taiwan, local service, overseas service

## Goals and directions

- AI application : (1) Develop accelerated AI-AOI to solve traditional pain points and replace manpower, (2) Intelligent equipment, effectively analyze the true cause, prevent trouble before it happens
- Mini/Micro LED : Deeply cultivate the panel industry, develop semiconductor and PCB manufacturing processes
- FOPLP : Fan Out Panel Level Package which base on (1)FPD process, (2)PCB process
- SEMI : Optimize automatic microscope system with the highest market shares in the flat-panel display field, add AI functions and expand to the SEMI.

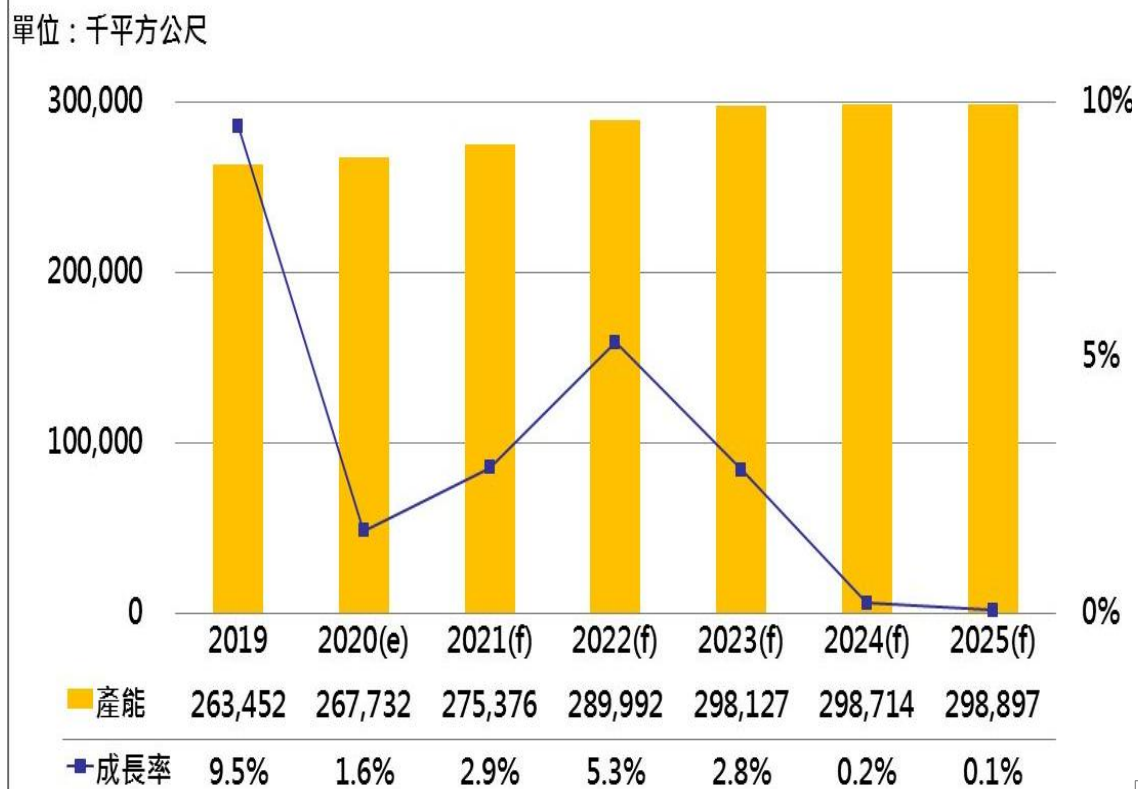


## ■ Market Overview



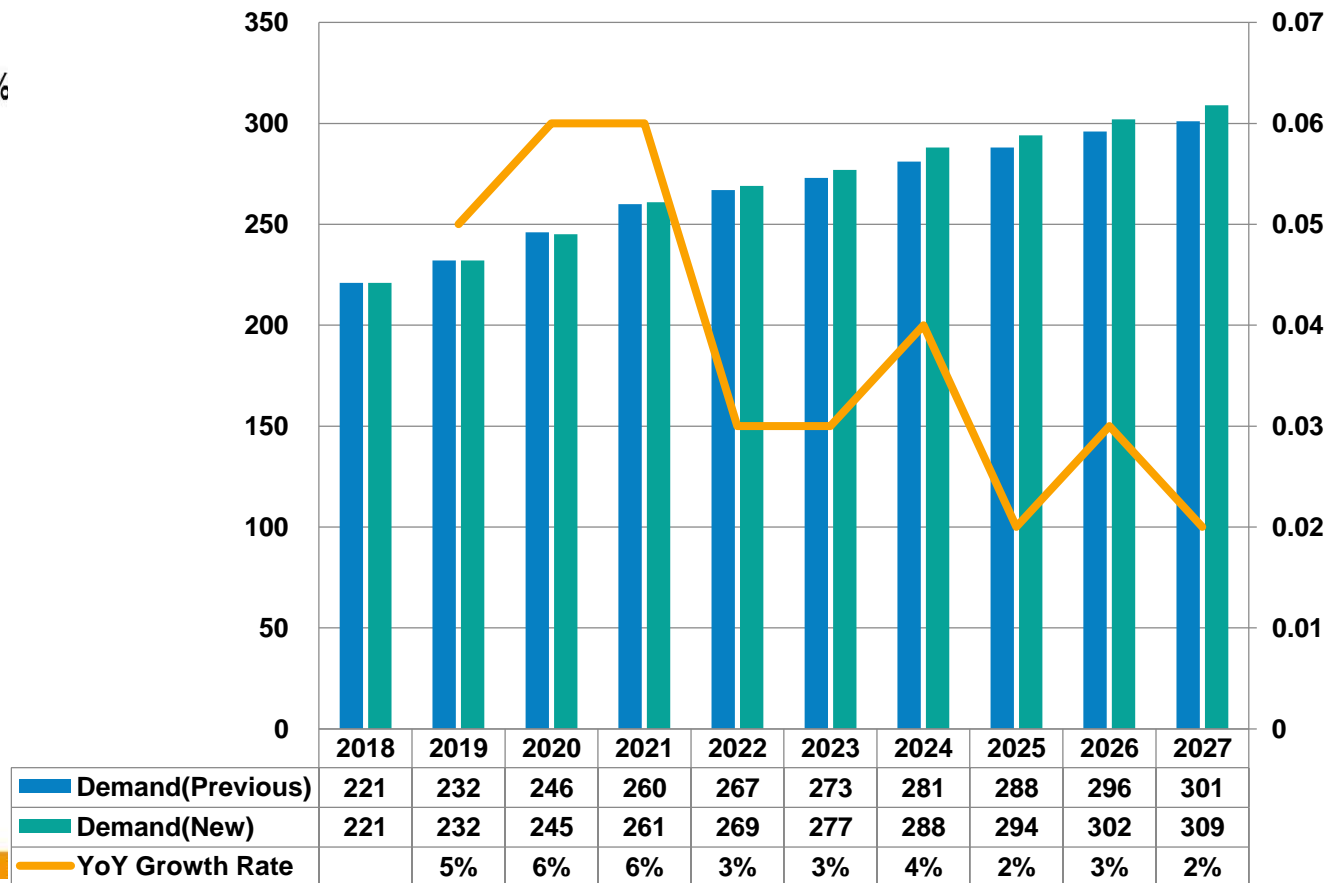


**Global large-size TFT-LCD production capacity trend from 2020 to 2025**



資料來源：DIGITIMES Research · 2020/9

**All Display long term forecast ( area base, million square meters ) 2018 – 2027**



Source : Omdia ; data summarized and predicted by FAVITE

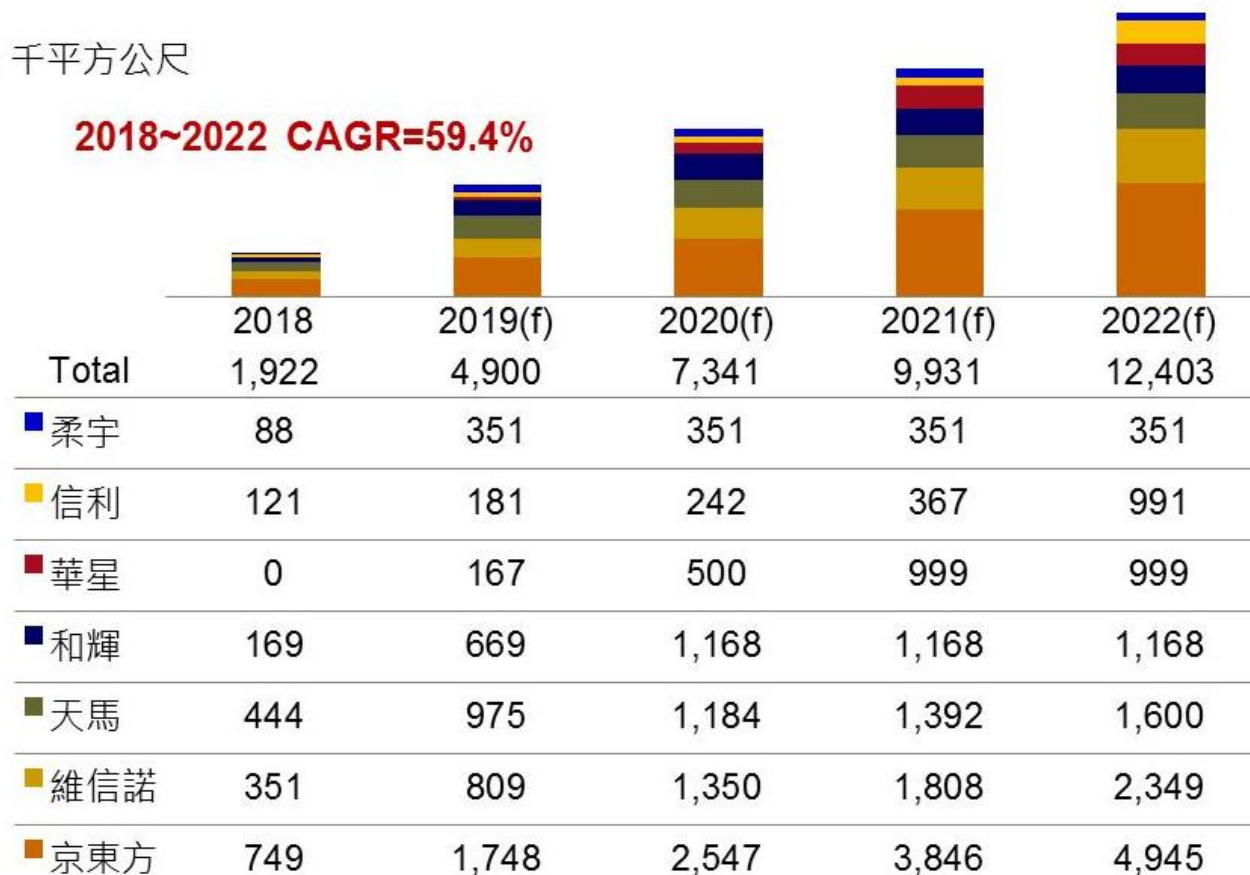
**FPD manufacturers in China continue to expand production from 2021 to 2023**



•In the 13th Five-Year Plan of China, it is emphasized to build its own small and medium size AMOLED panel industry chain, especially the flexible AMOLED panels, so that no matter the large manufacturers, or private enterprises, overseas investors, all have aggressive investing plan in AMOLED panel production.

•DIGITIMES Research predicts that the CAGR of production capacity of small and medium size AMOLED panel will reach 59.4% from 2018 to 2022.

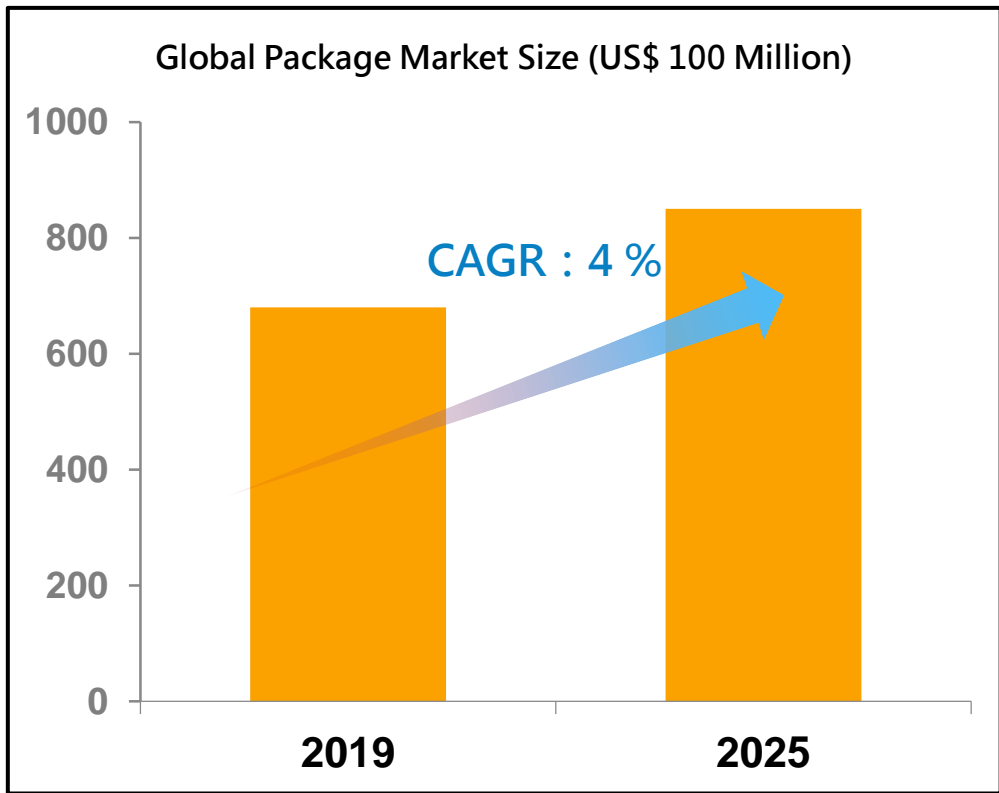
單位：千平方公尺



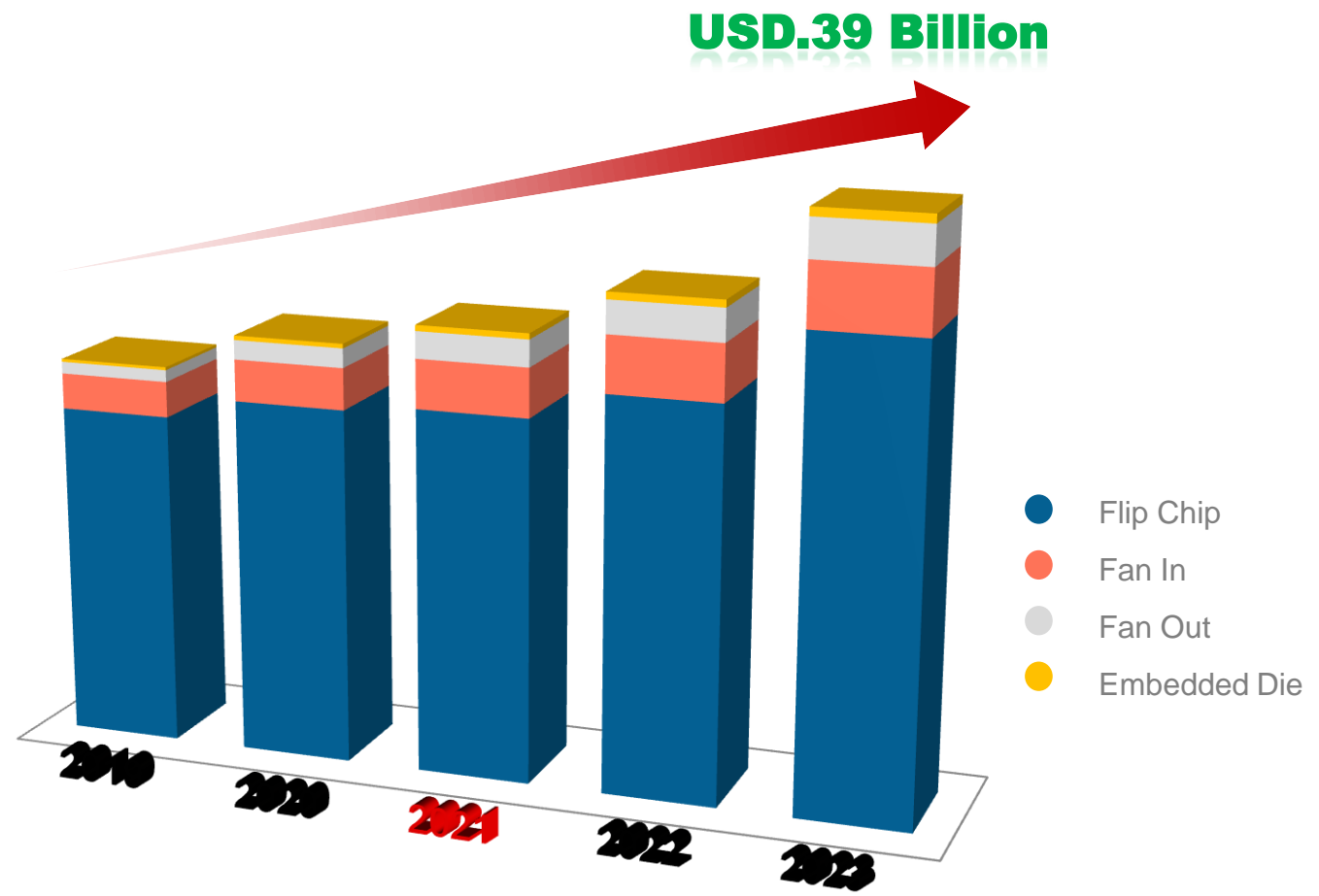
資料來源：各廠商，DIGITIMES Research整理，2019/2



There is a large demand of “Test PAD IQC” for replacing manpower with machine vision/AI inspection !!



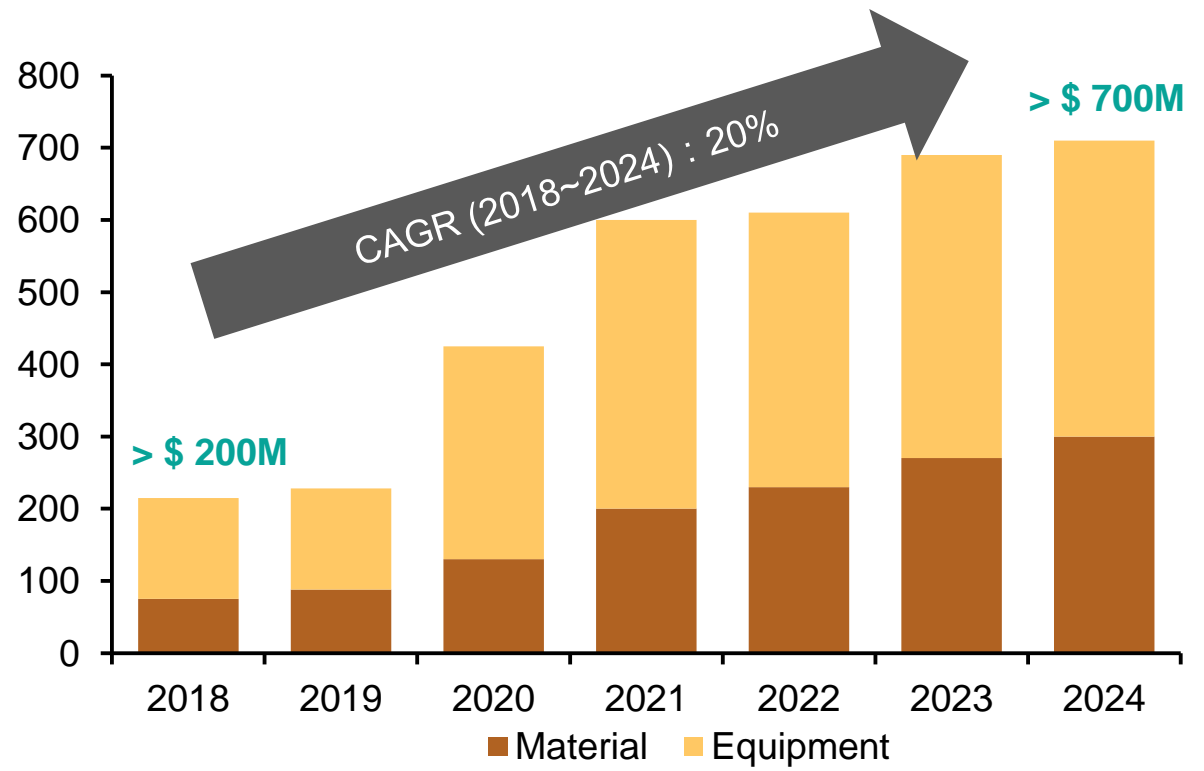
Source : 未來智庫; data summarized and predicted by FAVITE



Source : Yole Development ; data summarized and predicted by FAVITE



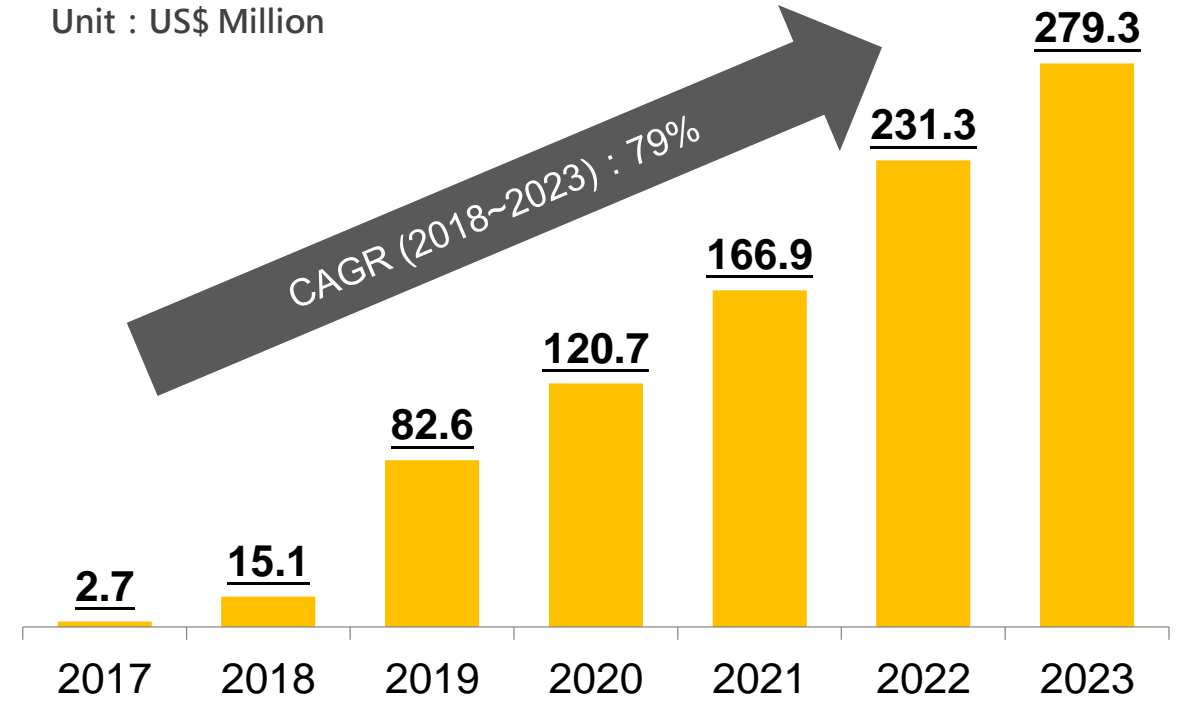
## Equipment and material in fan-out packaging revenue forecast



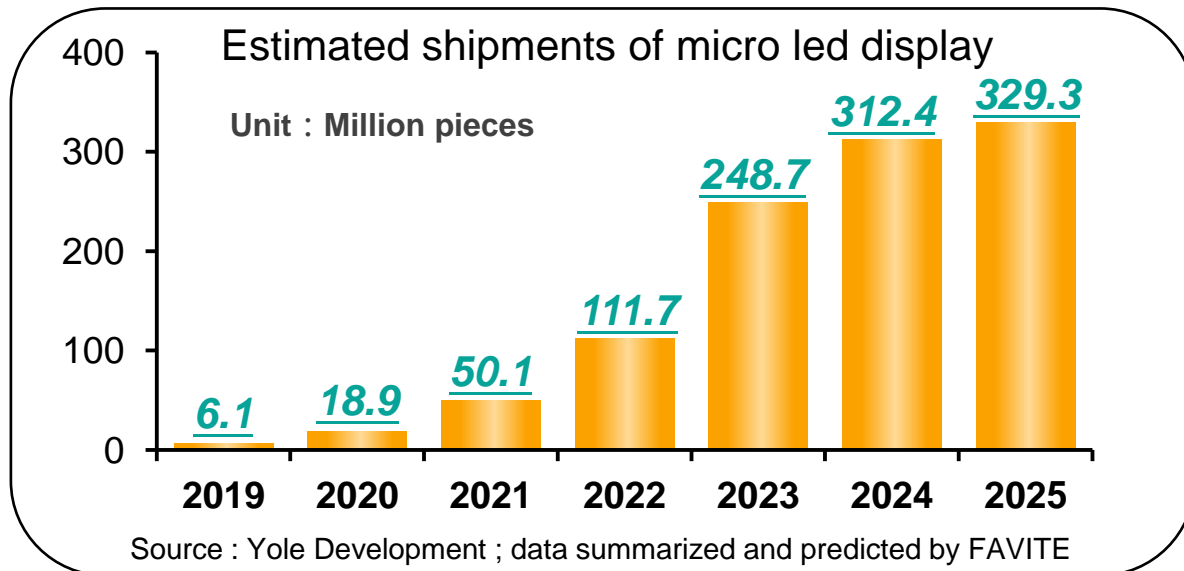
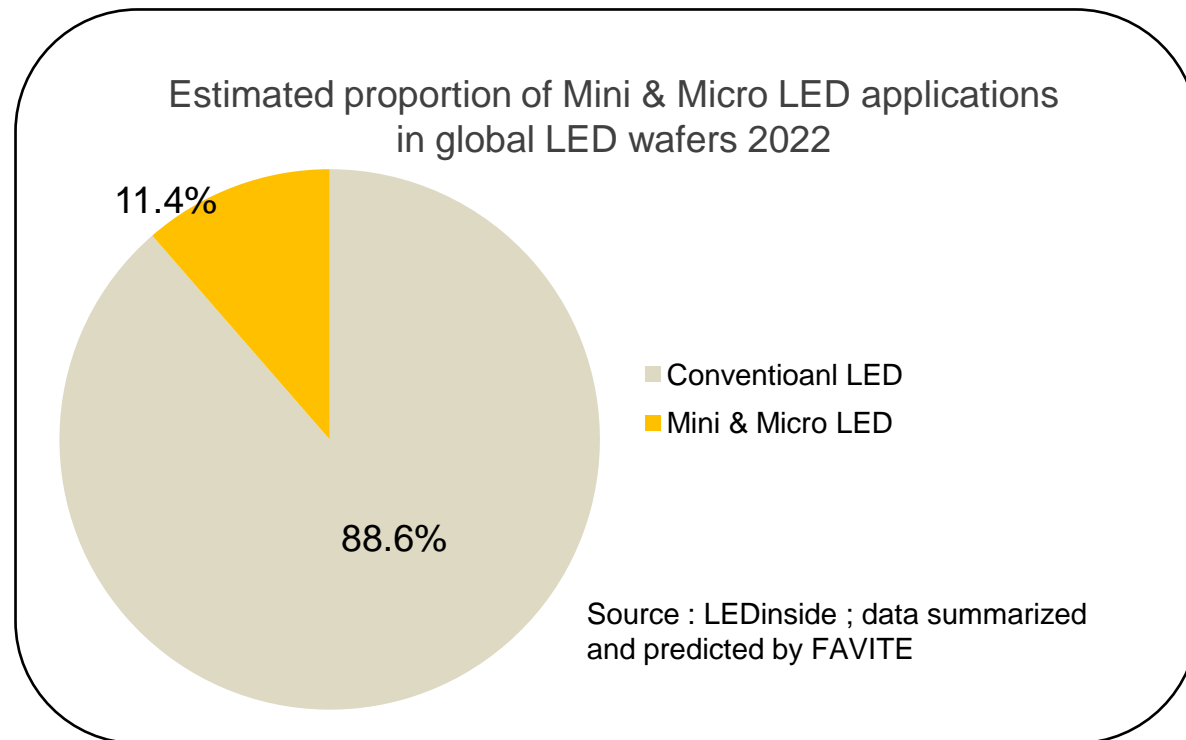
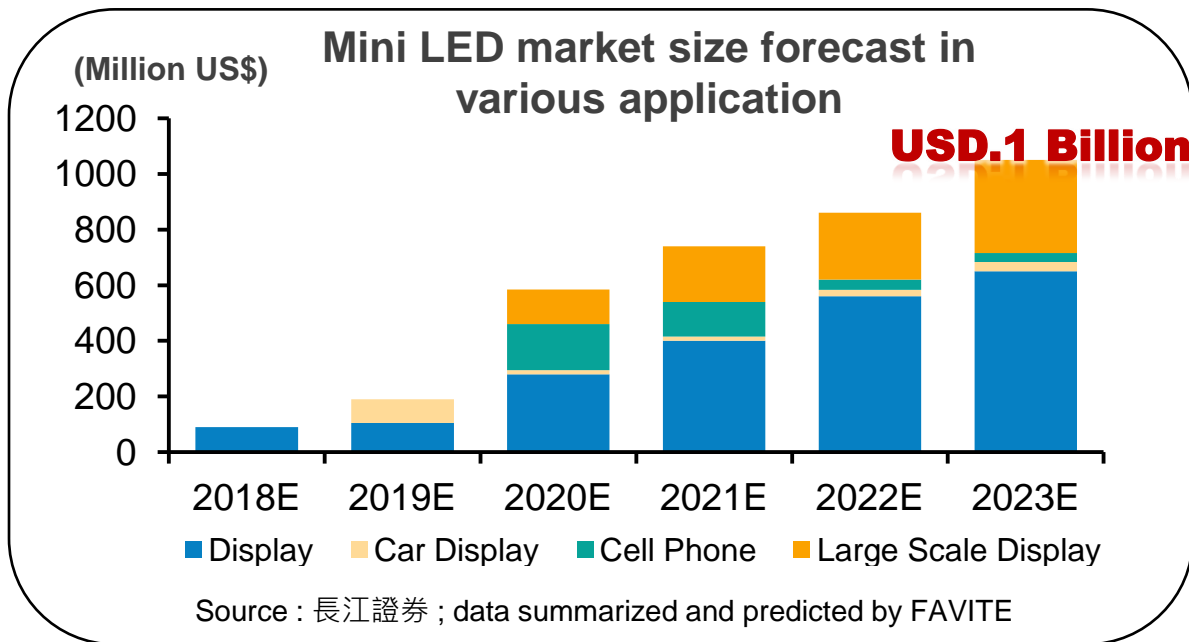
Source : Yole Development ; data summarized and predicted by FAVITE

## FOPLP market forecast

Unit : US\$ Million



Source : Yole Development ; data summarized and predicted by FAVITE





## ■ Operational Focus



- ❑ TFT-LCD Array/CF/Cell
- ❑ AMOLED
- ❑ Mini LED/Micro LED



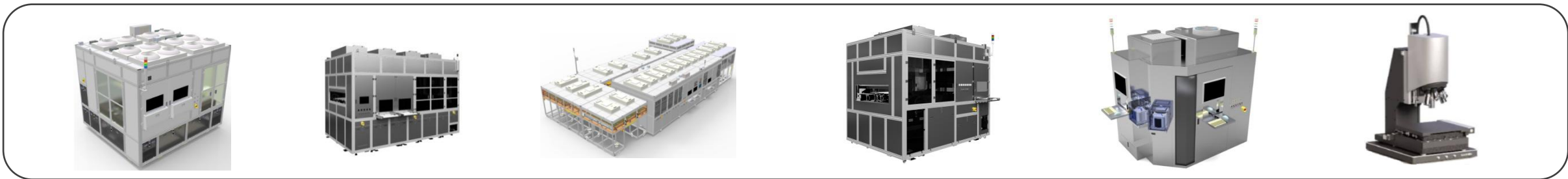
- ❑ CIS Inspection
- ❑ Dicing Inspection
- ❑ Test Pad Inspection
- ❑ Customized Inspection Solution



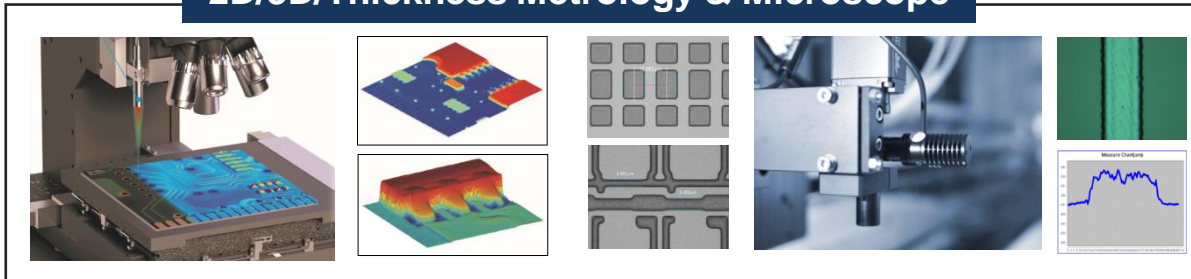
- ❑ Multi RDL AOI
- ❑ PCB/FPCB/IC Substrate Inspection
- ❑ Customized Inspection Solution



- ❑ AI Application & Inspection
- ❑ Smart YMS
- ❑ Smart Inspection Streaming Solution

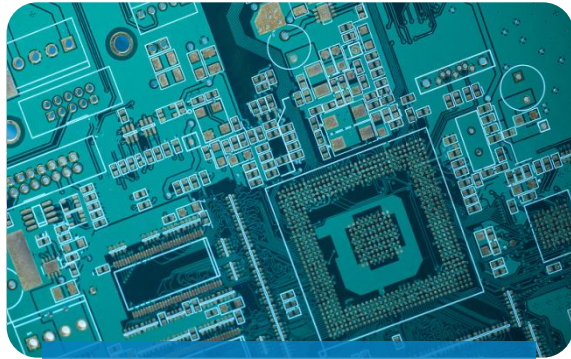


## 2D/3D/Thickness Metrology & Microscope



## AI Inspection/Defect Classify/YMS





### PCB

- FOPLP RDL
- IC Carrier
- 5G Production

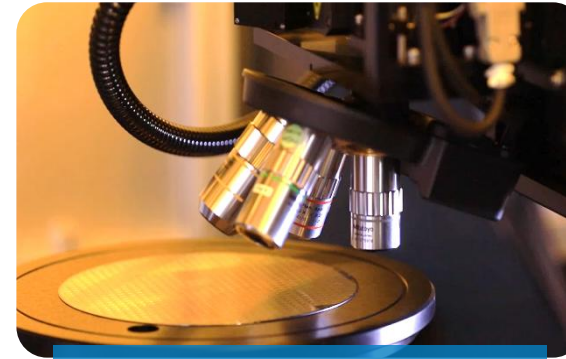
Cooperate and test with  
well-known PCB  
manufacturer



### Mini/Micro LED

- LED Die on carrier
- LED Die on substrate
- AR/VR Application

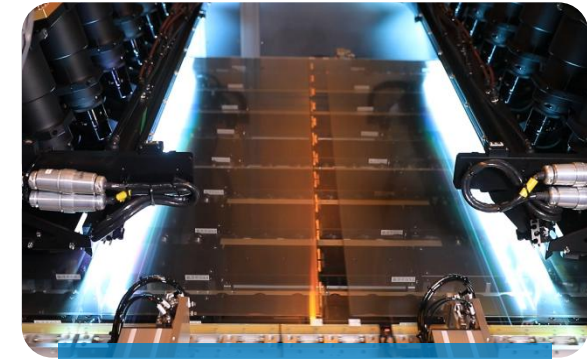
Cooperate and test with  
well-known Mini/Micro  
LED manufacturer



### SEMI/ Test & Package

- IQC AVI
- PAD after probe test
- FOWLP RDL

8"/12" Micro/Marco  
Wafer AOI Development  
& Application



### FPD

- Large size Panel/LTPS
- Mini LED Backlight
- 5G/Vehicle curved panel

Provide comprehensive  
solutions of FPD defect  
inspection

## AI Real-Time Inspection Application





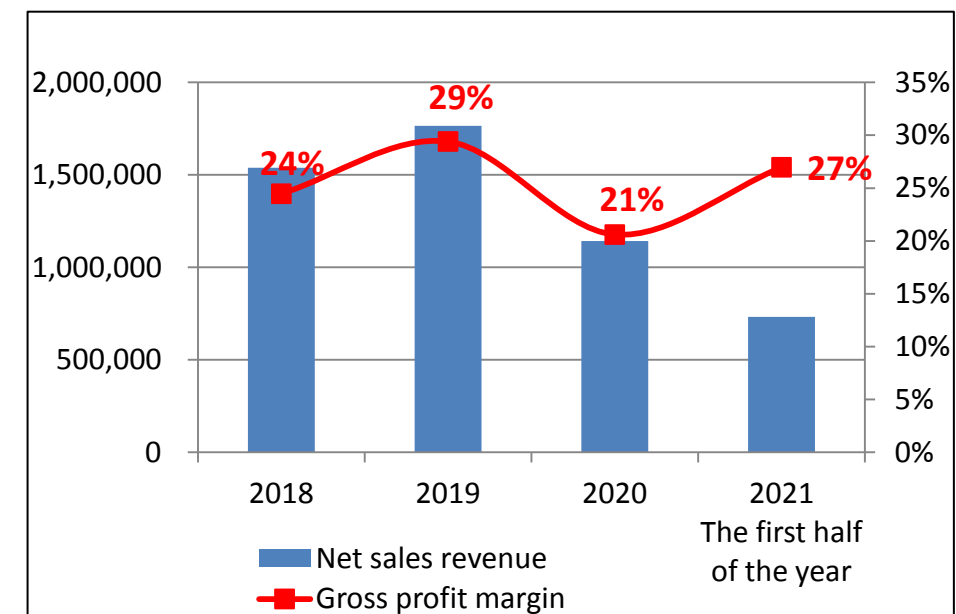
## ■ Financial Report

# The comparison of profit and loss informations for the 6 months ended June 30, 2021



Unit : In Thousands of New Taiwan Dollars,  
Except Earnings(Loss) Per Share

	2021 The first half of the year	2020 The first half of the year	YoY	2020
Net Sales Revenue	732,620	544,834	34%	1,141,503
Gross Profit Margin	27%	26%	4%	21%
Operating Expenses	133,707	101,324	32%	270,940
Operating Expense Ratio	9%	7%	29%	-3%
Non-Operating Income and Expenses	(18,930)	(5,437)	248%	(65,016)
Net Profit/(Loss) for The Period Attributable to Shareholders of the Parent	41,178	29,420	40%	(101,773)
Net Profit/(Loss) ratio	6%	5%	20%	-9%
Earnings/(Loss) Per Share	0.52	0.37	39%	(1.29)
Return on Equity(%)	0.05	0.03	49%	-11%





## ■ ESG

# Environmental, Social, and Governance

- Corporate culture with Integrity
- Company abide by the operational philosophies of honesty, transparency and responsibility, and compliance with laws so as to strengthen corporate governance by creating honest management

Corporate  
Governance

- Competitive salary and benefit package
- Gender equality in employment
- Education training

Employee  
Relation

- Reduce waste and carbon emission
- All products are compliant with RoHS directive
- Supplier management to assure in line with environmental protection standards

Environmental  
Sustainability

- Donate to MUST High-quality industrial cameras and lenses
- Donate to Hsinchu County Government anti-epidemic supplies

Social  
Responsibility



FAVITE Inc. Stock Code : 3535



# Thank you