

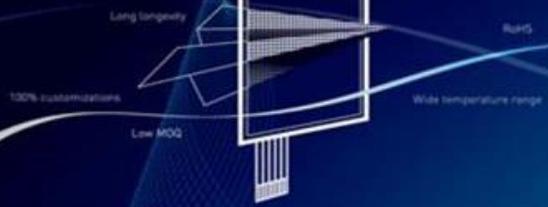


2026 Company Profile

Taiwan OTC-listed company (8049)

STN

Display Modules



TFT

Display Modules



Touch Panel Solution



Display Board Solution



Customization with RoHS compliance



1.8"~12.1" with customized features



Capacitive and Resistive



UART system



MCU interface controller



AD boards Quick starter kits



Since 1998, from OEM manufacturer to display board solution provider, Ampire always keeps up with the evolution of technology.

Listed on the Taipei Exchange (TPEX): 8049

China Factory (Dongguan, China) 9,570 m2 (A+B Building)		
ILB	COG	4 lines, 1,000K/month
OLB	FOG	10 lines, 1,200K/month
Optical Bonding	OCA	1 line, 15K/month
Backend	LCD	9 lines, 4,500K/month
Employee	100	

Taiwan Factory (New Taipei city, Taiwan) 3,845.5 m2 (2F + 4F)		
ILB	COG	4 lines, 300K/month
OLB	FOG	5 lines, 253K/month
Optical Bonding	OCA (~15.6")	2 lines, 13.6K/month/1 shift Cover lens size: 364*270mm
	Xiamen OCR (~21.5")/ 490*298mm	2 lines, 10K/ month/ 1 shift
Backend	LCD	2 lines, 1,000K/month
Employee	150	

Headquarter & Factory

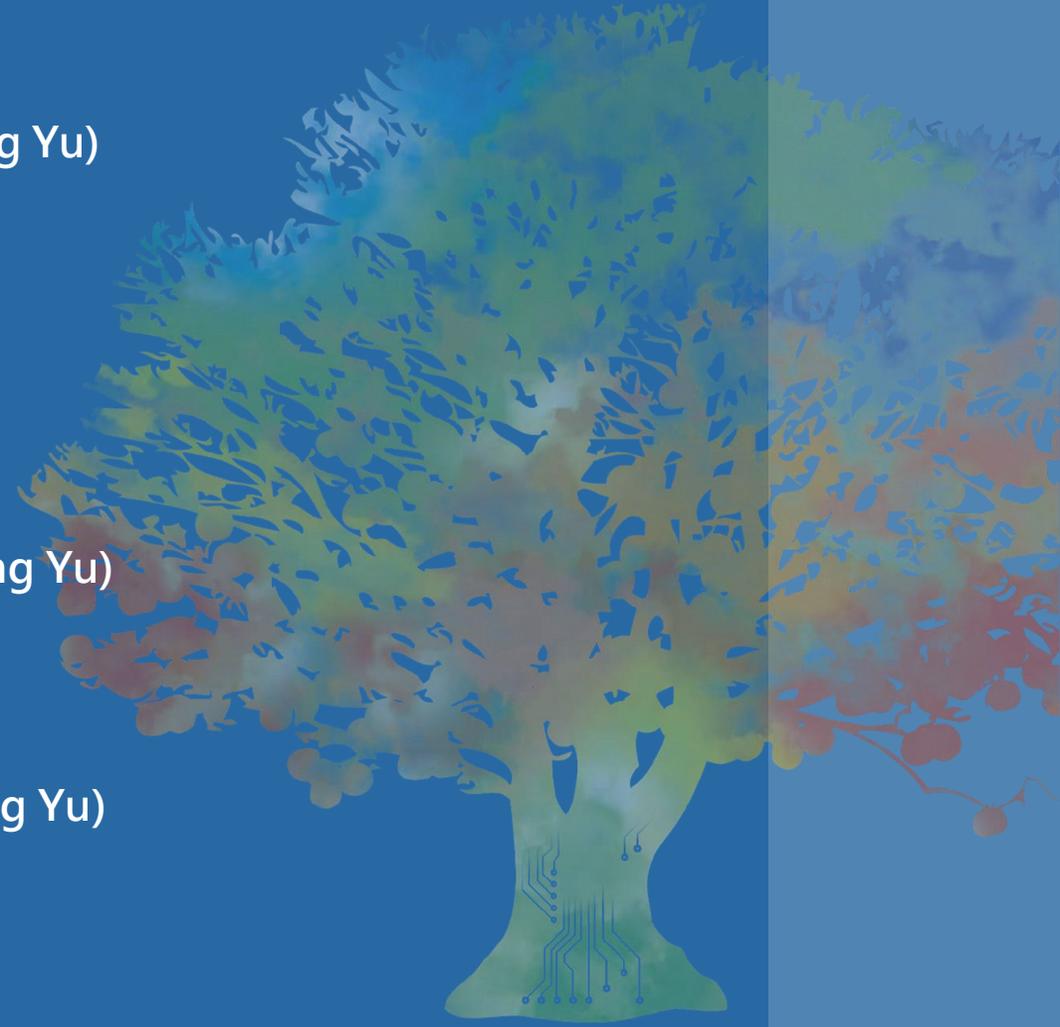


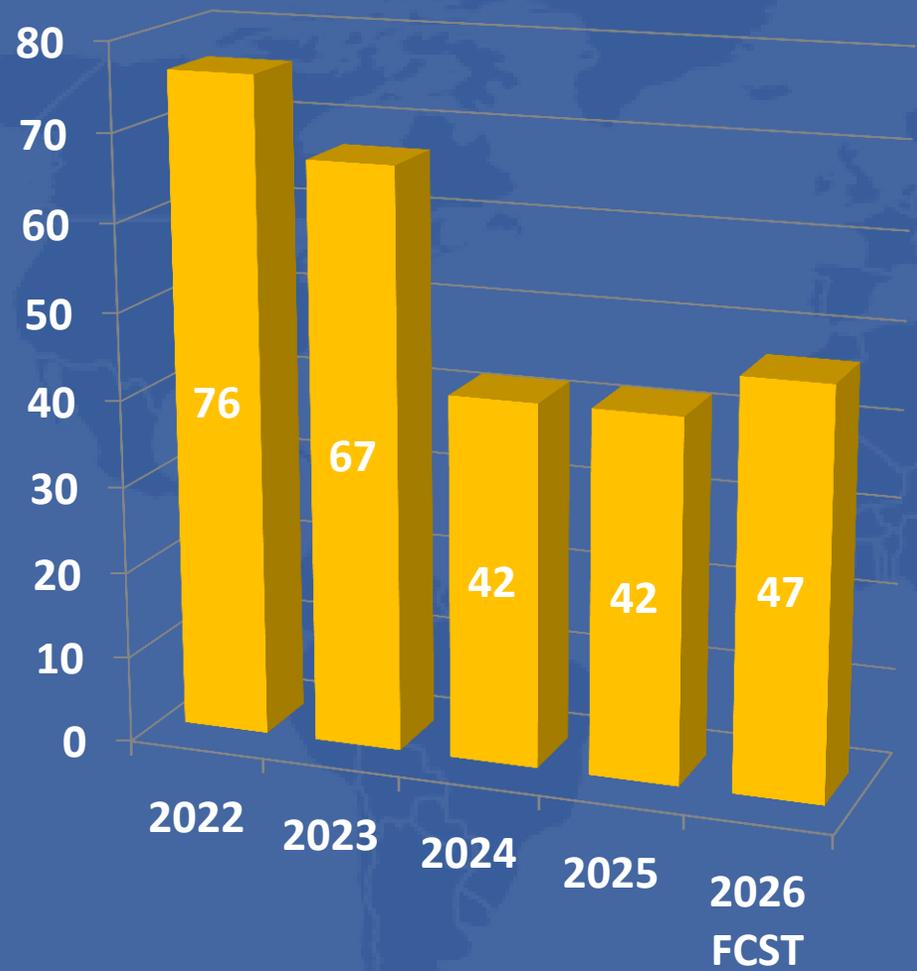
China Factory

Taiwan Factory: All TFT, open frame, Mini LED display
 China Factory: Monochrome displays, TFT from 2.2"~10.1"
 Capacity: 75K pcs/month (TW), and 350K pcs/month (China).

Milestones

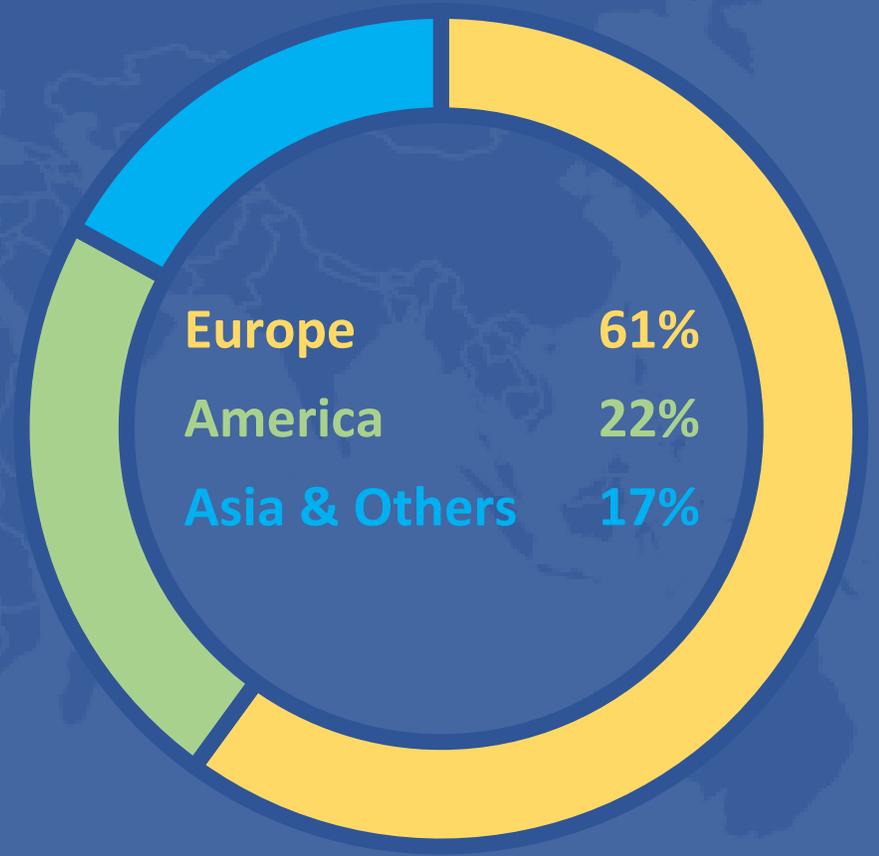
- 1999 ○ ISO 9002 Certificated.
The First COF Manufacturer in Taiwan
- 2000 ○ The COF Developing Project sponsored by Taiwan Ministry of Economic affairs
- 2002 ○ ISO 9001-2000 Certified
- 2004 ○ QS-9000 Certificated at Dong Guan LCM Factory (Tang Yu)
- 2006 ○ TS-16949 Certificated
ISO-14001 Certificated
- 2008 ○ OHSAS certified at Dong Guan LCM Factory (Tang Yu)
- 2009 ○ UART product patent approval
- 2010 ○ TS-16949 Certificated at Dong Guan LCM Factory (Tang Yu)
- 2014 ○ New re-sizing modules
- 2020 ○ PCBA production line ready at Dong Guan(Tang Yu)
OCA assembly(LCM+TP) line ready at Dong Guan(Tang Yu)
- 2023 ○ ISO 14064-1:2018 Certificated





Turnover (Million/USD)

2025 Market Share





Worldwide
Customers



Measurement Equipment



Semiconductor Machine



Meeting Room Equipment



Heating Pump



KONGSBERG

Vessel Machine



EV Charger



Medical Equipment



Special Vehicle



Audio Control



IoT Intelligent Systems & Embedded Platforms



Fuel Dispenser



Parking System



Industrial Printer



Semiconductor Machine



Industrial Display Equipment



Medical Equipment



Commercial Embroidery Machine



Construction Machine



Analytic Equipment



Lift

Product Size Range from 2.4" ~ 21.5"

Major Size: 3.5", 4.3", 5", 5.7", 7", 10.1", 15.6"

Various functional option



High / Ultra High Brightness



IPxx Level Solution

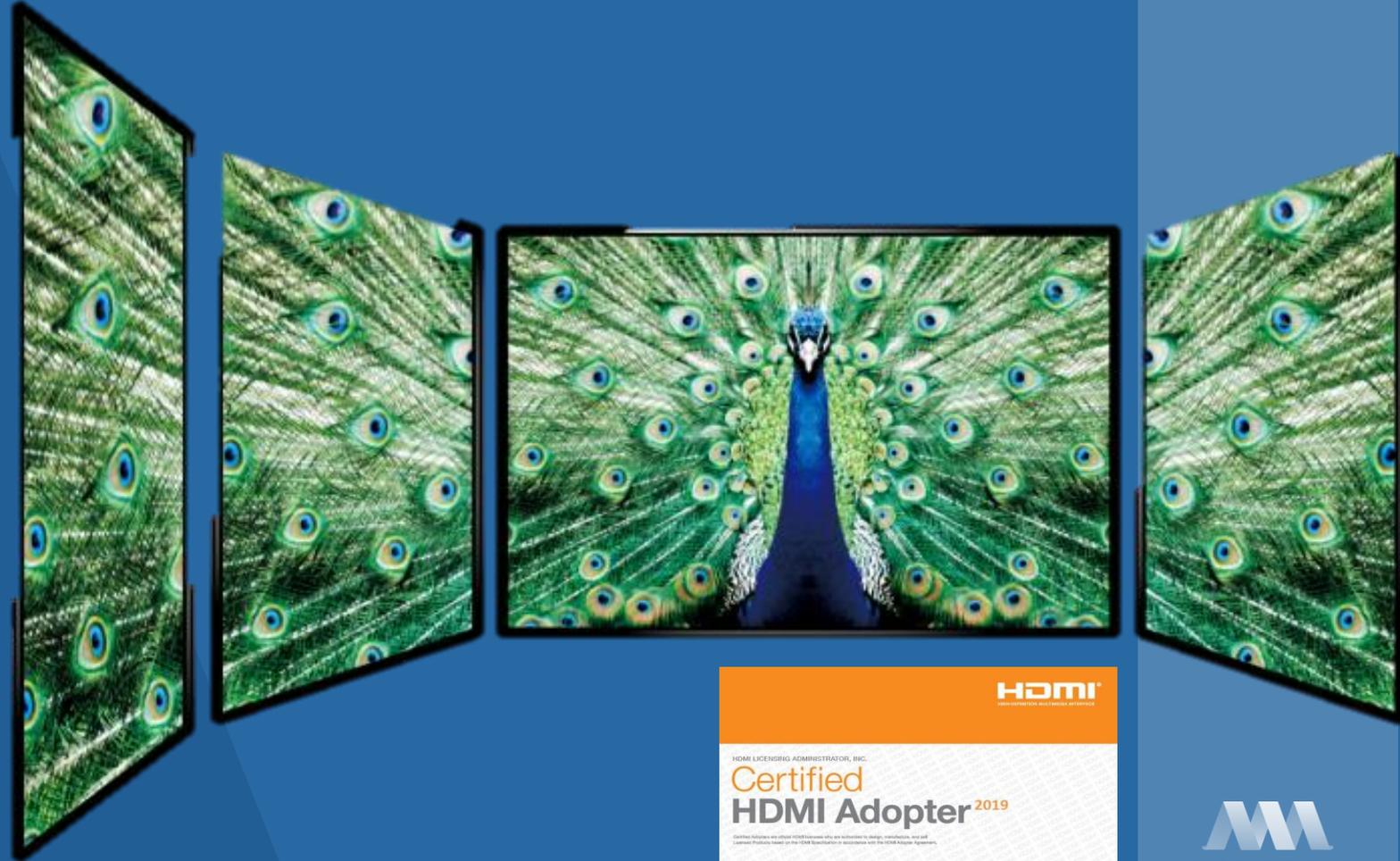


Wide Temperature Tolerance
(Automotive Grade)



UV Protection

Product Range



Application



Home
Indoor



Industrial
Automation



POS / Kiosk
Ticketing



Communication



Marine



Medical



Farming



EV Charger



Transportation



Multi-control Desk

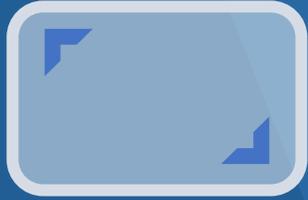


Machine



Security

Total Solution



LCD Module



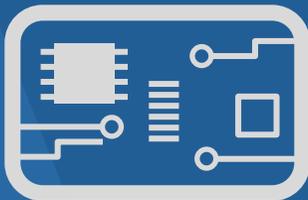
P-Cap

【Optical Bonding】
【Nano Lamination】

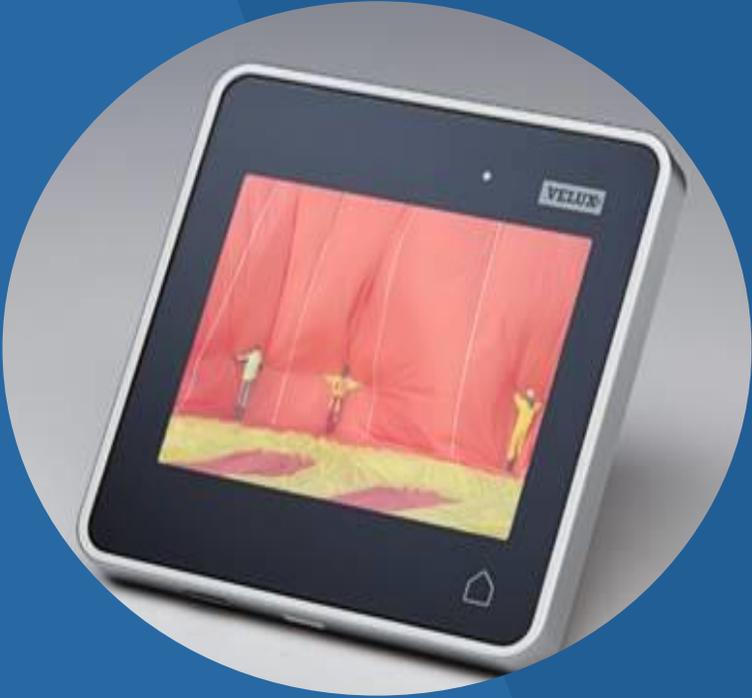


Open Frame

【Plastic Housing Design】



AD board



Various Choices & Sizes

- RTP
- CTP/SITO
- CTP/DITO
- CTP/OGS
- 2.4" - 21.5"



Touch Solution

IC Function

- Gloves (Latex, Cotton, Rubber, etc)
- CS test
- Thick cover lens
- Palm Rejection
- Stylus (Passive)
- Water-resistance

CS test= Noise-resistance standard

Customize Cover Lens

- AR, AG, AS, etc
- Drilling, cutting, grinding
- Free form, logo, printing

AS Coating= Anti-Smudge coating, against finger print

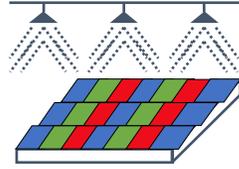
Cell Process Flow



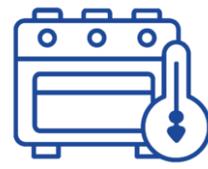
Materials IQC



Glasses Scribing



Cleaning



Cell Baking



Cell Test 1



LCD Inspection



Polarizer Attachment



Cell Test 2



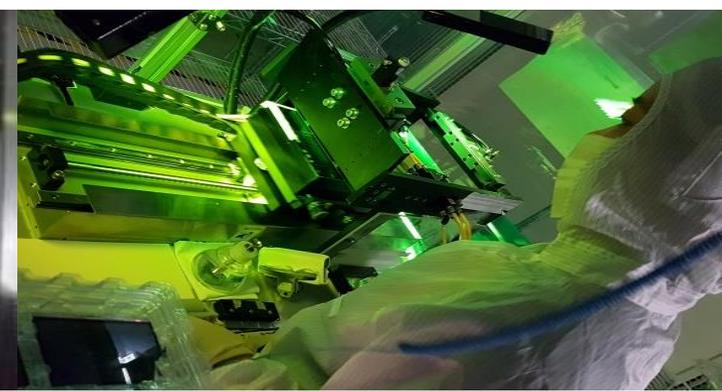
Scribing



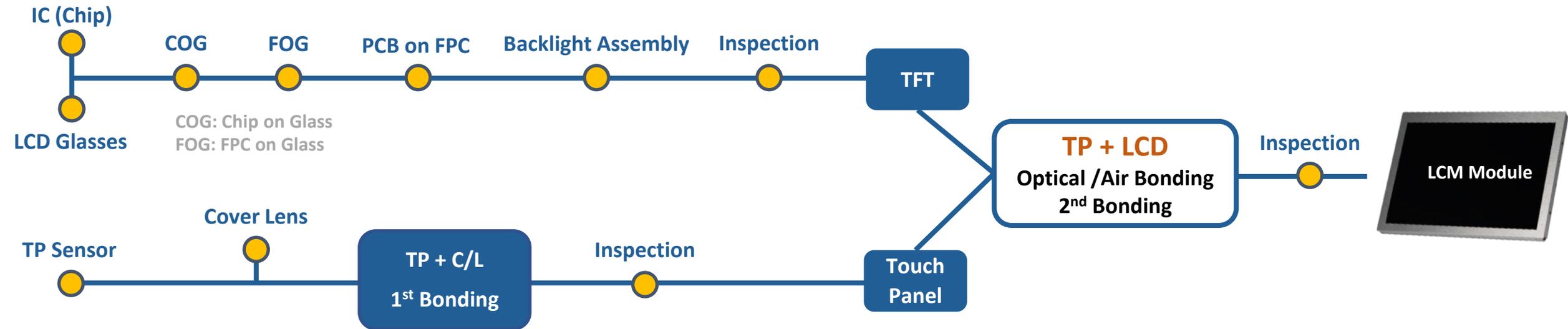
Cleaning



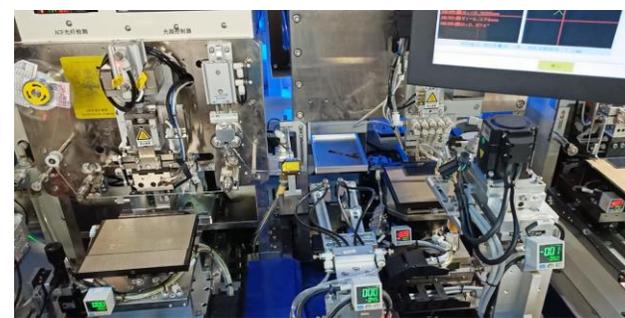
Polarizer Attachment



LCM Production

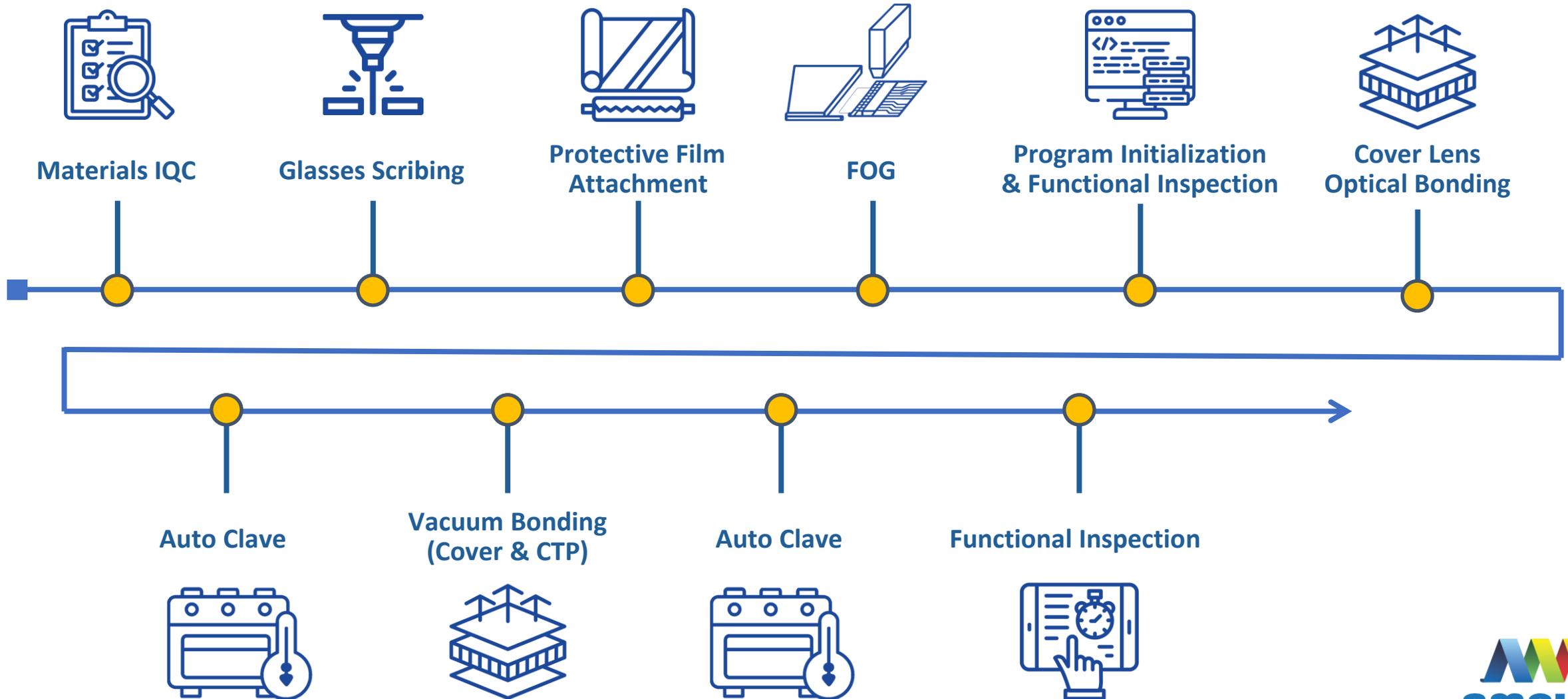


FOG

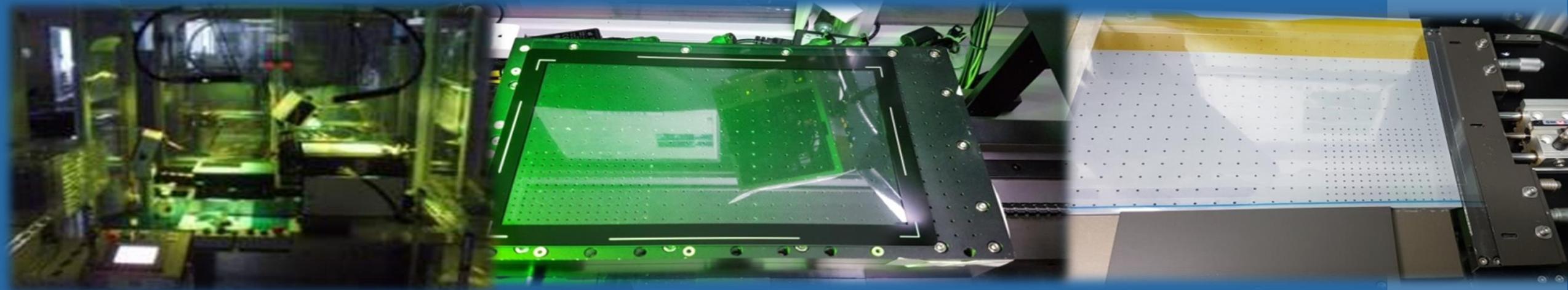


Automatic productive line

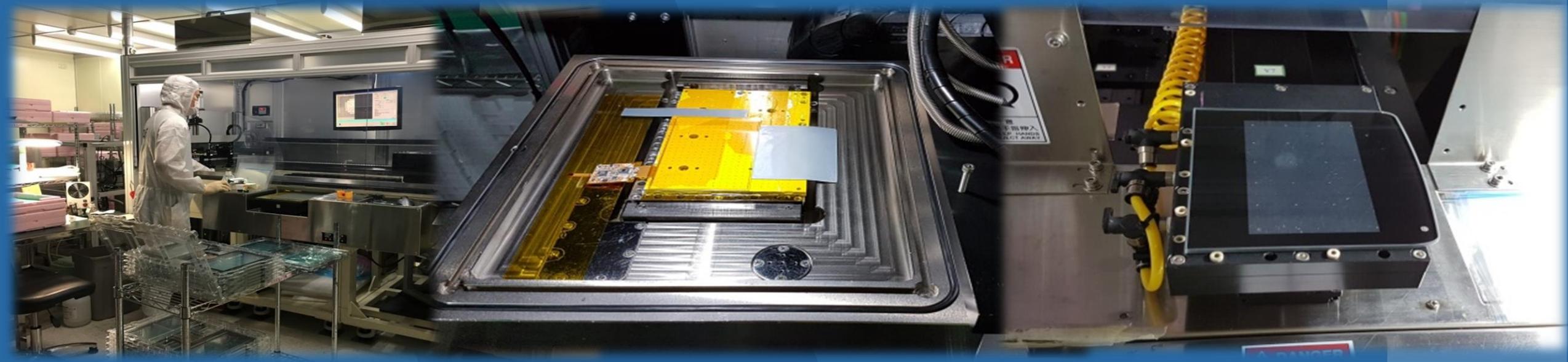
Capacitive Touch Panel Production Flow



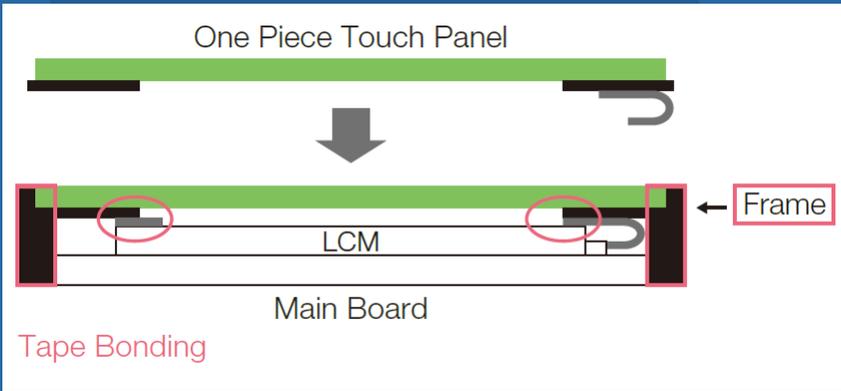
Cover Lens and OCA Attached (1st bonding)



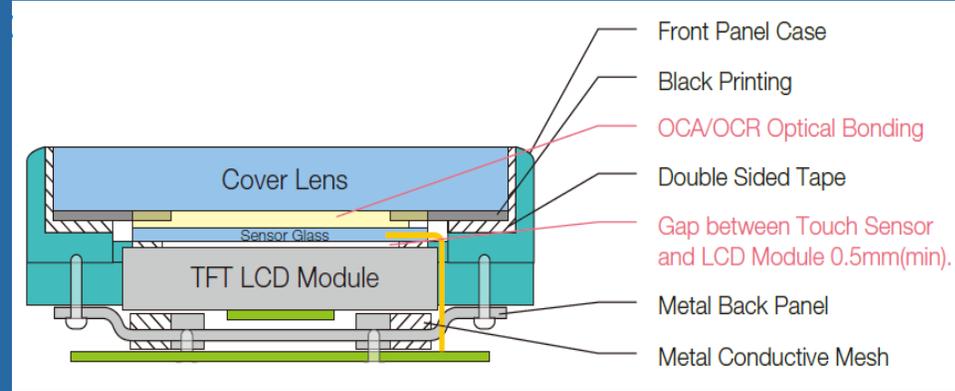
Vacuum Bonding (Cover and CTP)



Tape Bonding and use as OGS solution



1st Bonding (For TP & C/L)



Air Bonding	Optical Bonding
<ol style="list-style-type: none"> 1. Cost saving 2. Easy installation. 3. Easy repairing. 	<ol style="list-style-type: none"> 1. Protection purpose for vandal- or weatherproof. 2. Increase the clarity and visibility by reducing internal reflection. 3. Anti-vibration, shock, shakes protection. 4. Anti-dust and moisture-proof by filling the gaps.



2nd Bonding as sandwich design



OCA Assembly(LCM+TP)

- Optical Bonding (alternative to OCR bonding)
- Max LCM height : 70mm
- Max LCM outline : 600x900mm (~35")
- Capacity : min. 20pcs/hour
- (multiple pieces per assembly run possible)



OCA Assembly Machine



OCR Assembly

OCR Bonding (TP and LCM) (2nd Bonding)

UV Curing



PCBA Production Line (Tang Yu)

- Compliant to IPC610 standard
- Capacity: 2500pcs/day (one production line)
- Applied to all items if made in Dong Guan factory



AOI Inspection



PCBA SMT Process



Taiwan Industrial LCD Manufacturer

Click to visit our website & YouTube.

