



士杰科技股份有限公司  
SUPER LAMP TECH CORP



照亮世界 盡在士杰

Light Up The World  
for the Super Lamp Tech Corp.



# 產品線介紹

- **LED封裝/模組/燈條**
- **Image sensor封裝/測試**
- **COB Bonding/加工/驗證**
- **生產Turnkey**



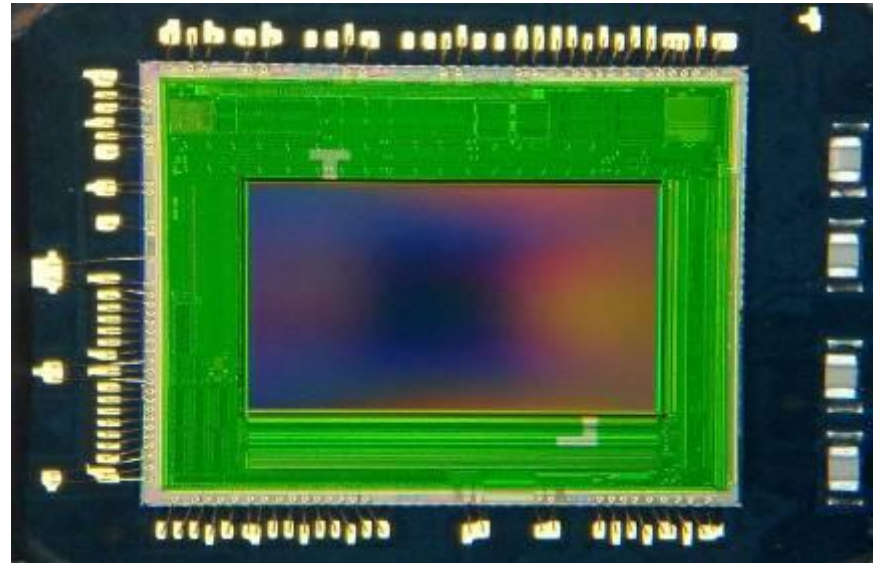
# LED產品

- **SMD**
- **High power**
- **DIP**
- 客制化模組
- **PLCC**



# Image sensor

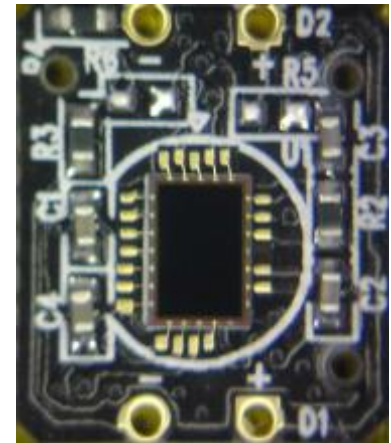
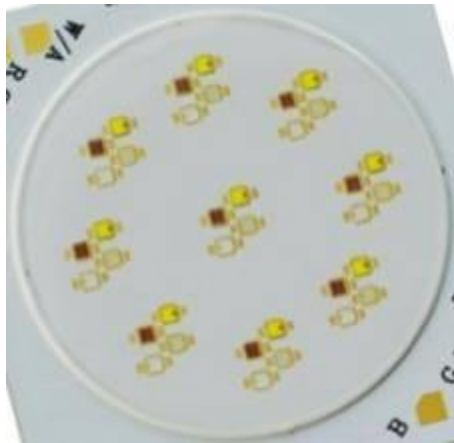
- **OID**
- **Light gun**
- **PLCC**
- **客制化模組**





# CMOS package

- CMOS COB package for event data recorder.
- CMOS COB package for finger printing identification.
- LED COB package







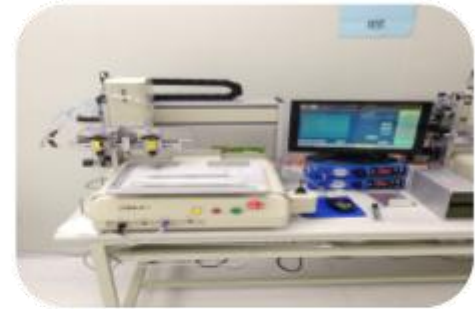
# Facility for COB



Die Bond



Wire Bond



Glue Dispenser



OM Mount

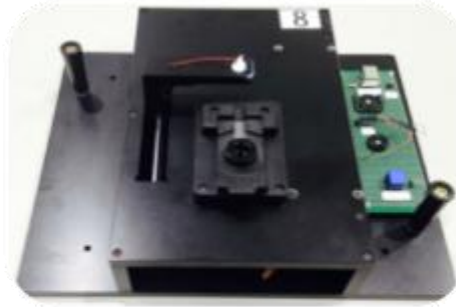


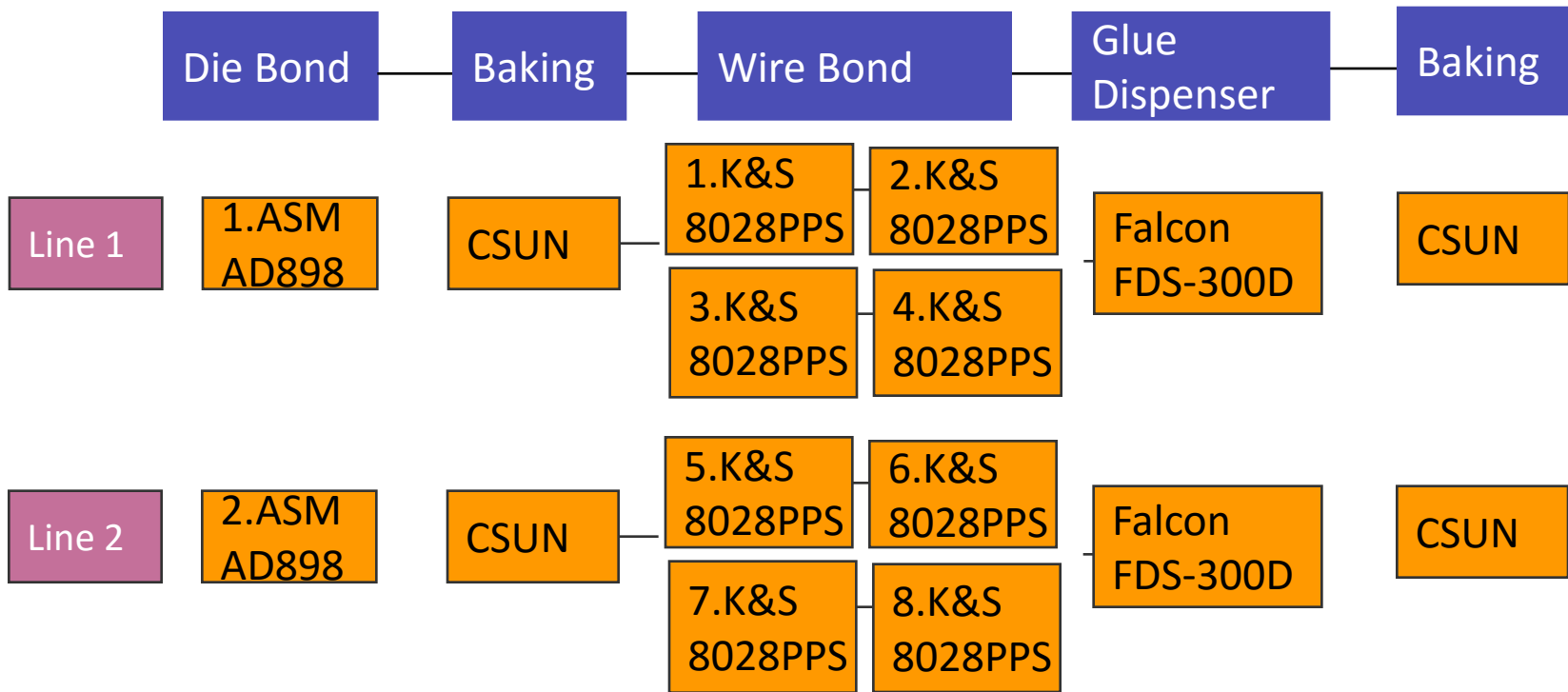
Image Test



FQC/Packing



# COB Capacity:



2 lines Capacity: 20K~30K Modules/shift



# COB capability:

Process	Size	Material	Bonding Force	Output	Note
Die Bond	8" Wafer	Ag adhesive / Black adhesive	>40g	4~5K UPH	ASM AD898
Wire Bonding	250*80mm	Golden wire	>16g	6~7K WPH	K&S 8028PPS
Glue Dispenser	300*300mm	Black adhesive	--	--	Falcon FDS-300D





# COB IPQC equipment



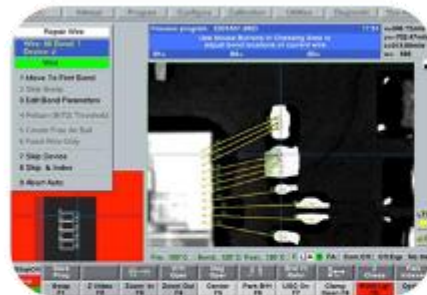
Die Bond push test



Wire bond pull test



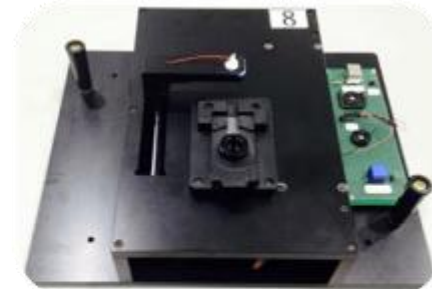
Die bond position on-line test



Wire bond position on-line test



3D Microscope



Function test



# COB Bonding

- **COB鋁線/金線Bonding**
- **(0.6~1.2mil線徑皆可)**
- **COB重工/焊腳/測試**
- **COB量產**





# 生產Turnkey

- 可協助客戶打樣(**Total solution**)
- 研磨/切割/組裝/**SMT**/測試/**PCB**設計
- 客制品小量生產



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