

# Samuel T. Pangilinan

---

Nantzu District, Kaoshiung, Taiwan, R.O.C  
+886 975848295

samuelpangilinan@yahoo.com

## **PRODUCTION OPERATION MANAGER**

**RESULTS ORIENTED | STRONG TEAM PLAYER | EXCELLENT COMMUNICATION SKILLS**

27 years extensive experience in semiconductor industry, from Product and Test engineer process to lead managing manufacturing Operations, product testing, assembly, from front to back end product process. Compliance product data process flow requirements, specifications, criteria setup, Product releasing, Qualification run to ramp up, cycle time review and delivery with outsourced semiconductor assembly and test. Results-oriented, high-energy, hands-on professional, with a successful record of accomplishments in product operations. Major strength include strong leadership, excellent communication skills, competent, strong team player, can work independently, attention to detail, dutiful respect for compliance in all regulated environment. Expertise include:

**Lead Operation team and Management | Product Test Engineering | Process Flow Setup Releasing | Team with Supply chain.**

## **PROFESSIONAL EXPERIENCE**

### **PRESTO ENGINEERING - TAIWAN**

#### **PRODUCTION SUPPORT MANAGER**

**2015 – Jan.2025**

Managed and supervised Production operation in different outsourced semiconductor assembly and test in Taiwan. Involved for new product requirement and preparation, release, process review.

- Worked jointly with different team, product test engineering, packaging, supply chain, quality, for production preparation, plans, ensure smooth operations.
- Planned with team for product demand as per forecast and ensure OSAT allocation, commitment in capacity, to meet 100% target demand and deliveries.
- Supervised our demand to subcontractor production lot process movement per operation and to SAP, hold lot, non conformity, that might impact delivery and to act accordingly to keep on track target standard lead time.
- Maintained to follow requirement of related specification, documentation and revision, to be updated and proper release to OSAT.
- Involved in related Product IC test setup issues, prepare production related test toolings, setup demand, Spare toolings availability and monitored conditions, if worn out and provide actions if needed.
- Managed to communicate with vendor on hardware re-orders duplication for additional set for back-up plan spare boards, include repair fixes unstability or Site issues.
- Involved with the team related product non conformity, quality issue, mis-operation, reporting for improvement plan, corrective actions so as to reduce the customer complaint by 50%.
- Involved with team for yearly visit the factory, audited the site area with different OSAT in Taiwan, to highlight the improvement plan needs.

### **INSIDE SECURE - TAIWAN**

#### **TECHNICAL SUPPORT ENGINEER**

**2011 – 2015**

**Note** The same Job function, responsibilities as our  
Team is acquired by PRESTO ENGINEERING.

**STANDARD MICROSYSTEM / SMSC - TAIWAN**  
**SENIOR PRODUCTION ENGINEER 2009 – 2011**

Managed Production processes, performed Product Correlation, qualification and releasing. Prepare product flow specification, documentation, Final Test disposition for Hold lot, out of criteria lot, proactive to improve Yield for efficient production processes.

- Responsible for Product transfer, preparation of test hardware, Releasing and Product documentation to OSAT.
- Performed Correlation, Qualification, Test data collection, Review and Approval and releasing to Production.
- Track and monitor timetable schedule, Execution plans effectively and offload to factory by regular meeting with the Team.
- Close communication, regularly interfaced with subcontractor engineering team regarding new projects, production test process requirement, and specification.
- Reviewed and collected data, impacted test yield issues, collaborate to OSAT for improvement plan and action.
- Tester utilization, efficiency, will highlight to factory related abnormal issues, and provided solid Quality Corrective action plan.
- Interacted with Supply Chain, OSAT Planners, logistic team, for Top urgent, Priorities, for the Production test and important shipment.
- Reviewed Test Yield, recovery rate and be a solution provider to the factory for 10 improvement cases per year.

**ADVANCED SEMICONDUCTOR ENGINEERING - TAIWAN**  
**PRODUCT AND TEST ENGINEER 1997 – 2009**

Account owner handled different customers in Final Test, Wafer Sort process from Product qualification, releasing and maintain production stability. Monitor yield criteria, proactive to take action to improve, stabilize yield. Proactive to observe related setup issues that impact setup Delay, Yield issues, High retest Rate and take actions.

- Responsible in handling Customer accounts in Final Test and Wafer Sort in different Test systems - LTX/Fusion EX/MX, HP83K/93K, EXA3000/400/800 series, ITS9000EXA/CV.
- Performed Qualification of new Products, test system and test program releasing for mass production transfer.
- Performed concrete Engineering Analysis, Disposition and proposed corrective actions on Low Yield and QA reject Lots.
- Monitored each product FT/CP overall yield and Retest Recovery Rate to achieve test platform target yield.
- Support customer to fine tune test program, Remote Debug, to eliminate overkill issue for product yield improvement.
- Supervised account incoming products/ production lot from assembly to Test allocation plan for turnkey product, outgoing movement, especially urgent lots and to the team if necessary.
- Regularly interfaced with customer regarding yield issues, Engineering request and other Product yield concern/ incoming new product projects.
- Provided technical support in production line in case problem occurs during setup/production, yield concern issues and production setup fail.
- Wrote and updated Test Setup Procedures in accordance by company documentation for Production setup process.
- Engineering interfacing with internal departments to sustain an efficient test operation in the production line.

**PERSONAL INFORMATION**

Nationality: Filipino

Taiwan VISA Status: **APRC (Alien Permanent Resident Certificate)**

**EDUCATIONAL BACKGROUND**

AMA Computer College, Philippines – B.S. Computer Engineer - 1993