

## MANUFACTURING ASSEMBLY ENGINEER

**\*You must be eligible to work in the United States without company sponsorship\***

### Qualified candidate must:

- **Commute reliably to the office daily or relocate to area**

### THE ROLE:

- **ONSITE ONLY (no remote work)**
- The Manufacturing Assembly Engineer will be supporting the operation of a chip-on-board packaging assembly line.
- Responsible for assembly process engineering, including but not limited to , wafer dice, pick and place, wire bonding and encapsulation operations.
- Develop, monitor, and maintain department Key Performance Indicators (KPIs) in line with internal and external customer needs.
- Manage the process development procedure to ensure the transfer of process and products from the development phase to production release is completed successfully and on schedule.
- Promote safety awareness, accident prevention and employee involvement with regards to safe work environment.
- Provide training and certify manufacturing operators.
- Maintain focus on operational efficiency and proactively encourage cost reduction and lean manufacturing principles.
- Lead and participate in engineering activities to specify, support and improve final assembly processes for production including documentation, process controls, training, and support.
- Define, and engage in manufacturing engineering development of new fabrication processes to support R&D roadmap and transition to production.
- Implement and support an effective program for process monitoring and controls (SPC) and continuous improvements.
- Creating and maintaining work standards using work measurement, and dynamic and static capacity and cost simulation models
- Working with materials manager for supply chain optimization and inventory minimization.
- Design of Experiments (DOE) and data analysis to support engineering efforts to improve product design and manufacturability.
- Performance measurement and analysis to monitor and improve manufacturing.
- Applying various statistical methods to improve reproducibility and manufacturability through Failure Mode Effect Analysis (FMEA), Control Plan, and Gage R&R studies.
- Data analysis and improvements to manufacturing capabilities.

### QUALIFICATIONS

- Bachelor's degree in engineering, physics, material science, or related engineering discipline required.
- 5+ years' experience working in a semiconductor assembly and/or OLED manufacturing facility a plus.
- Knowledge of semiconductor packaging operations required.
- A record of successful project completion is a must.
- Microsoft Office proficiency
- Experience with Quality Management Systems
- Experience with packaging metrology equipment
- Experience with data logging and data management systems
- Self-starter with the ability to collaborate across multiple business functions.
- Business process and documentation auditing skills.
- Excellent organizational skills.
- Excellent communication skills.
- Ability to work in a team driven environment.

- Ability to multitask with attention to detail.
- Ability to work quickly and accurately within a software application.