MANUFACTURING PACKAGING ENGINEER

eMagin, a Samsung Display company, is the leading manufacturer of active-matrix Organic LED (AM-OLED) micro displays on Silicon. Our displays provide image performance surpassing LCD technologies and are designed and manufactured in USA, in New York State's Hudson Valley. eMagin OLED Micro displays offer solutions for military, medical, commercial/industrial and consumer markets including AR/VR applications.

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 Packaging 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.