



Process Development Engineer

Job Description

- Specify, develop and implement optoelectronic package assembly processes
- Create, develop, modify and implement joining processes including soldering, welding, epoxy fixing, glass sealing and fixing
- Conduct design of experiments studies to define acceptable process windows
- Develop and implement processes relating to fibers, fiber pigtail assemblies and connector/receptacle assemblies
- Develop and implement wire bond, ribbon bond processes
- Develop and implement hermetic sealing and testing processes
- Reduce costs through yield improvement, reduced touch time and reduced bill of materials costs
- Build and test prototype and preproduction parts
- Conduct necessary testing and qualification of parts
- Document designs, processes and procedures
- Transfer to and train Production staff

Key Qualifications

- In-depth theoretical and practical knowledge of hybrid microelectronic assembly processes
- Excellent knowledge of hybrid microelectronic assembly equipment
- Excellent hands-on assembly and test skills
- Ability to work independently and creatively, improvising as necessary
- Good knowledge of fiber optics and optoelectronics
- Sound knowledge of necessary optics, electronics, test and software
- Familiarity with vendors and service suppliers
- 5 years relevant work experience
- At least MSEE or equivalent
- **US Citizen or Green Card Holder**

EM4, Inc. offers a stimulating, creative environment that inspires success. Along with highly competitive salaries, EM4, Inc. offers its employees a comprehensive benefits package including stock options, health care, dental, 401(K), disability and life insurance.

How to Apply

Please forward resumes to the attention of:

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