



We are looking for a dedicated individual to join our team as soon as possible as a
Reliability Engineer, Assembly/Test/Packaging Engineer (m/f/d)

Your role

In this position, you will be responsible for developing assembly process technologies and supporting in the reliability testing programs of existing and new processes and products in the field of photonic integration and packaging, ensuring their robustness and reliability in demanding application scenarios.

Your tasks

- Develop and implement reliability strategies and processes
- Develop and validate design rules to establish high-yield assembly processes, which includes assembly/test, thermal/mechanical solutions, and photonic packaging aspects
- Monitor ongoing reliability testing and qualification activities and establish standard procedures and processes
- Perform failure analysis for reliability issues to support corrective actions and mitigation strategies in design, assembly, and 3D lithography processes
- Generate reliability data reports for process and product qualification

Your profile

- Bachelor, Master or PhD degree in Mechanical Engineering, Materials Science, Optics & Photonics, Microsystems Engineering, Physics, or a comparable qualification
- While not all are required, possessing one or more of the following skills will be beneficial:
 - Experience in failure mode analysis of integrated photonic assemblies
 - Experience in optical and thermal-mechanical characterization of 3D printed microstructures
 - Knowledge of industrial reliability testing standards
 - Experience in data analysis using statistical software
 - Knowledge of thermal/mechanical modeling
- Able to work independently in cross-functional teams
- Excellent proficiency in English

Your application

Please send us your detailed application with curriculum vitae, references, certificates, and salary requirements by e-mail to jobs.vanguard@mycronic.com.

