



Photolithography Engineer

Job description

Do you have experience working in a high-volume manufacturing environment? Join our Temecula, CA Fab and work closely with other members of the Photolithography Engineering team to support and improve Infineon's device manufacturing operations with focus on Ultratech 1500 stepper, ASML 5500 stepper and associated track and metrology processes.

In your new role you will:

- **Sustain and continuously improve the photo process module**
- Focus on **process stability and risk mitigation**, evaluating and developing proper control strategies
- Lead Engineering teams in **troubleshooting** and in **process control improvement activities**
- **Own quality excursions**, assuring identification and containment of affected material Report status to Material Review Board. **Determining root cause and corrective actions**
- Provide expertise/training to Process Technicians and Operators
- **Introduce and qualify new reticles and recipes**
- Help **improve tool availability** through process stability improvements

Profile

You are best equipped for this task if you have:

- BS or MS degree in relevant science or engineering discipline is required
- 3+ years of experience as a Photo Process Engineer in a high-volume manufacturing environment supporting Stepper and track processes as well as hands-on experience with Overlay and CDSEM metrology preferred
- Highly qualified new graduates will be considered
- Experience with Ultratech 1500, ASML 5500 platform and at least one of our Track models (DNS80B, TEL Mk 7/8, TEL Act8) preferred
- Strong experience in statistical process control charts and techniques
- Experience with statistical data analysis
- Excellent written and verbal communication skills
- Proficiency with MS Office suite (Outlook, Excel, PowerPoint, Word)

Why Us

At a glance

Location:

Job ID: **338827**

Start date: **Aug 15, 2022**

Entry level: **1-3 years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **338827**

www.infineon.com/jobs



Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

Infineon Technologies Americas Corp. is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws. Applicants with questions about access or requiring a reasonable accommodation for any part of the application or hiring process should contact the Talent Network by phone at (408) 503-2194.

Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your onboarding documents .

In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.

IMPORTANT NOTICE:

Infineon is requiring all new U.S. employees and contractors to be fully vaccinated against COVID-19. Full vaccination is defined as two weeks after both doses of a two-dose vaccine or two weeks since a single-dose vaccine has been administered. Anyone unable to be vaccinated, either because of a sincerely held religious belief or a medical condition or disability that prevents them from being vaccinated, can request a reasonable accommodation.

Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.

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