

Driving decarbonization and digitalization. Together.



Graduate - Test Process Engineer

Job description

This opening is part of Infineon's Graduate Program. This role gives you the opportunity to contribute to developing and implementing continuous improvement for test processes and hardware, resulting in improved yield, quality, capability, capacity, and reduced cost. #AmericasGraduates

In your new role you will:

- Work closely with test engineers to manage, maintain and improve existing **test fixture** and **tooling requirements** for final electrical test
- Responsible for **sustaining and qualification of test processes** for package specific test hardware and equipment
- **Design & fabrication** of test fixtures, sockets, boards and other test aids, as well as coordination of outsource service for drawings, quotations, fabrication, and assembly
- **Develop processes** and test methods from new or updated fixture designs in collaboration with test engineers
- **Develop equipment** and tools work instruction & **manage training for operators and technicians**
- **Identify and introduce** test package improvements targeting test set-up reduction, test time reduction and cost optimization
- Ensure compliance to **test process procedures**, develop and maintain technical documentation and releases to production
- Proactively engages with appropriate engineering teams and **leads failure investigation** and root cause analysis
- **Receive, sign o, and implement** new test processes solution from R&D projects

Profile

You are best equipped for this task if you are/have:

- **Recently graduated or graduated** in the last 12 months with a **Bachelor or Masters of Science** degree in Engineering, focus preferred in **Mechanical, Manufacturing or Electronics**
- Hands-on experience with **Solidworks, CAD and design-modeling programs**.
- **Familiarity with Automatic Test Equipment (ATE)** testing semiconductors (MOSFET, IGBTs, Diodes, mixed signal ICs, etc)
- Familiarity with **tri temp IC Test handlers**
- Familiarity with electronic lab equipment, **signal generators, oscilloscopes, and spectrum analyzers**

At a glance

| | |
|--------------|---------------------------------------|
| Location: | Leominster, MA (United States) |
| Job ID: | HRC0678011 |
| Start date: | Jun 03, 2024 |
| Entry level: | 0-1 year |
| Type: | Full time |
| Contract: | Permanent |

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Job ID: **HRC0678011**
www.infineon.com/jobs



- Understanding of **problem solving methodologies** (Ischikawa,8D, 5Ws, etc.) as well as **Statistical Data Analysis software** (JMP, Minitab).
- Familiarity with test programming language such as LabVIEW and C/C++
- Strong in **troubleshooting, problem-solving, and teamwork**
- Demonstrated strong verbal, written communication, reporting, and presentation skills
- **US citizen or green card holder:** This position requires access to documentation that is controlled by the export laws of the United States. Candidates are required to provide proof of either US citizenship, Permanent US residency or classification as a protected individual as defined in 8 USC 1324b(a)(3).

Infineon **Power & Sensor Systems (PSS)** semiconductors play a vital role in enabling intelligent power management, smart sensitivity as well as fast and reliable data processing in an increasingly digitalized world. IR HiRel, part of Infineon PSS, is a leader in high-reliability, rad hard power management and RF solutions for space and other extreme environments.

Our leading-edge power devices make chargers, adapters, power sources and lighting systems smarter, smaller, lighter and more energy-efficient. Our trusted sensors increase the context sensitivity of “things” and systems such as HMI, and our RF chips power fast and reliable data communication.

– **We drive leading-edge power management, sensing and data transfer capabilities** –

[Click here](#) for more information about working at PSS with interesting employee and management insights and an overview with more #PSSDreamJobs

Benefits

- **Leominster, MA:** Medical, Dental & Vision Plans; Flexible Reimbursement Accounts (FSAs); Industry leading 401k Employer Contribution/Match; Company Performance Bonus; Holiday Pay & Paid Time Off (PTO); Flexible Working Conditions, Part-time Options; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Wide range of Training Offers & Career Development Planning; Coaching, Mentoring, Networking Possibilities; International assignments; Basic Life & Dependent Life Insurance; Paid Sick Leave, Accidental Death & Disability Insurance (AD&D) ; Short-term & Long-term Disability ; Employee Assistance Program (EAP) ; Health Promotion Programs ; Reduced Price for Public Transportation

Why Us

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

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IR HiRel Products Inc., 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.

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 on-boarding 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.

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

#LI-FM1

