



Senior Reliability Engineer

Job description

This position is a key member of the product quality engineering team. It provides management of product reliability and qualification requirements of products

In your new role you will:

- **Develop qualification plans, reports and risk assessments**
- Align with Business Line QM on Qualification requirements for new product introduction.
- Manage product, process, quality and reliability improvement projects through tracking and execution of projects
- **Interface with external customers as Subject Matter Expert (SME) for reliability testing and field life analysis**
- Maintain accurate Reliability data to support MTBF and FIT rate reports
- Work with key stake holders on Qualification preparation and scheduling including hardware, test program and equipment
- Support Safe Launch activities
- Work with Failure Analysis Engineers to determine the failure mechanisms for reliability failures.
- **Develop stress test studies to understand reliability and failure issues that may affect devices.**
- Develop on-going reliability monitoring strategies for new products.

Profile

You are best equipped for this task if you have:

- Master Degree preferred
- Working experience and Knowledge on: Semiconductors construction and electrical behaviors for Diodes, FET' IC's desirable
- Industry standards for Qualifications
- Reliability Stress tests
- Failure Analysis and Failure Mechanisms
- Acceleration Models
- Good interpersonal skills
- English advanced level

At a glance

Location: **Tijuana (Mexico)**
Job ID: **346033**
Start date: **as soon as possible**
Entry level: **3-5 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: **346033**
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Benefits

- **Tijuana:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Health Benefits; On-site social counselling and works doctor; Health promotion programs; Fitness Center; On-site Cafeteria; Afore; Performance bonus; Accessibility, access for wheelchairs

Why Us

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.

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