

Driving decarbonization and digitalization. Together.



Senior Engineer Failure Analysis

Job description

Technically responsible for failure analysis of either customer's FAR or BE Production with in-depth knowledge of analytical technologies, lead lower level staff independently if have. Deliver on time FA reports with high quality, establish methods and procedures of equipment maintenance, develop process and system improvement programs and lead team to implement. Lead and provide training to FA engineer, technicians and operators. Ensure safety and 5S in accordance with company ESH regulations.

In your new role you will:

- Assist the manager to manage daily job, lead lower level staff with in-depth knowledge of analytical technologies.
- Lead the failure analysis on electrical components to find the defect root cause with experienced FA skills.
- Handle complicated FA case of either customer FAR or BE Production.
- Establish measurement methods for products. Present FA and communicate and collaborate with other departments of Wux site with FA expert knowledge of analytical technologies.
- Detect and solve problems to recommend and execute / implement corrective / improvement actions which enhance the quality or cost effectiveness.
- Maintain and continuously improve FA processes, ensure correct FA procedures carried out in accordance with the written process and work instructions to fulfil FA engineering requirements, implement up-to-date FA techniques.
- Share the in-depth knowledge of analytical technologies, provide training to develop technical competence, assist manager to help team enhance competency.
- Ensure team follow and stick to the systematic working approaches.
- Continuously improve FA system to fulfil IATF16949 quality requirements and ESH requirements, ensure proper chemical management in accordance to the company ESH regulations, ensure safety in all FA processes.

Profile

You are best equipped for this task if you have:

- Bachelor's / Master's degree in Electronics or Physics or Materials or related field.
- Minimum 5 years semiconductor experience with bachelor's degree or 3 years with master's degree.

At a glance

Location:

Job ID: **HRC0762834**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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Job ID: **HRC0762834**
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Contact

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- Good operation skill of failure analysis tools such as Microscope, curve tracer, X-ray, SAM, SEM&EDX, chemical preparation, cross-section etc.
- High quality of reporting and good skill with MS Office software.
- Knowledge of semiconductor backend process or FE process would be an advantage.
- Deep knowledge of the concept, procedure of FA and prolonged job experience.
- Good analytical and problem solving skill.
- Good and proactive communication, logical thinking.
- Fluent in English both written and oral, able to communicate with foreigners independently.
- Self-initiative, willing to take tasks and work under pressure.

Benefits

- **Wuxi**, : Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International assignments; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; On-site social counselling and works doctor, in Wuxi only.; Provision of health tips, health knowledge sharing, annual medical check; On-site canteen, in Wuxi only.; Wage payment in case of sick leave; Corporate pension benefits in some sites.; Performance bonus; Reduced price for public transport

Why Us

Driving decarbonization and digitalization. Together.

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.

