



## Senior Engineer Failure Analysis

### Job description

In your new role you will:

1. Have basic managerial skill, able to lead sub-group team and aim for efficient team performance. Assist manager to manage FA team daily job, Lead lower levels staff with in-depth knowledge of analytical technologies, or lead sub-group independently if have.
2. 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.
3. Solid knowledge of semiconductor component parameters and characters, to establish measurement methods for products. Present FA and communicate and collaborate with other departments of Wuxi site with FA expert knowledge of analytical technologies.
4. Strong data analysis skill, good ability to detect problem and solve problem, to recommend and execute/implement corrective/improvement actions which enhance the quality or cost effectiveness.
5. Maintain and continue improve FA processes, ensure correct FA procedures carried out in accordance to the written process and work instructions to fulfil FA engineering requirements, implement up-to-date FA techniques.
6. Share the in-depth knowledge of analytical technologies, provide training to develop technical competence of sub-levels, Assist FA manager to help FA team enhance competency.
7. Good knowledge of quality system, systematic working approaches, to ensure FA team follow and stick to the systematic working approaches.
8. Good operation skill of failure analysis tools like power scope, curve tracer, x-ray, SAM, SEM, decap solution, cross section.
9. Continuously improve FA system to fulfil TS16949 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:

Major in Electronics or Physics or similar with bachelor degree.

At least 5 years semiconductor experience with bachelor degree or 3 years with master degree.

Fluent English both in written and oral, communicate with foreigners independently.

High quality of reporting and good skill with MS office software.

Knowledge of semiconductor backend process and FE process would be an advantage.

Deep knowledge of concept, procedure of FA, overseas training and prolonged job experience.

Good analytic and problem solving skill.

Team Leader and player, good and proactive communication.

Self-initiative, willing to take tasks and work under pressure.

### At a glance

Location:	<b>Wuxi, (China)</b>
Job ID:	<b>351801</b>
Start date:	<b>as soon as possible</b>
Entry level:	<b>5+ years</b>
Type:	<b>Full time</b>
Contract:	<b>Permanent</b>

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### Contact

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## 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

**Part of your life. Part of tomorrow.**

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

