

# Driving decarbonization and digitalization. Together.



## Staff Engineer Development (Wire Bond)

### Job description

Identify and develop new processes for product/package, and putting in place process controls to make sure the products/packages are of a high quality and are manufactured in a reproducible manner.

In your new role you will:

- Perform or guide wire bonding process development activities (Process parameters scouting, optimization, verification and Process Freeze) in development projects to meet the project targets in term of timeline, quality, cost competitiveness and manufacturability.
- Responsible or support for technical handshake and knowledge transfer to Operation.
- Support prototype and development samples build.
- Generate and update relevant documents, e.g. Process Specification, PFMEA, DFMEA, Master FMEA, OJTI, T32, PDR.
- Provide inputs for updating of related documents and is responsible for their correct contents, e.g. Process of Record, Assembly Design Rule, Process Roadmap, Failure catalogue, Control Plan, Maintenance checklist, Unit process roadmap etc. for development projects.
- Liaise with suppliers for continuous improvement and perform verification and qualification activities for new wire bond tooling, machines and materials in development projects.
- Participate task force / focus team and complex problem solving team using statistical and analytical tools, e.g. SPC, APC, DOE, 8D, FMEA, DFMEA etc.
- Identify and develop new wire bonding process technology (new developed unit process block) and improve process capability to meet new requirements from Business divisions.
- Provide technical guidance/buddy to other engineers and project team.
- Initiate and generate IP ideas based on reading and research.

### Profile

You are best equipped for this task if you have:

- Masters/Bachelor's Degree in Engineering or relevant course.
- Good communication and written in English.
- Minimum 3+ years working experience in semiconductor industry.
- Strong hands-on experience in various type (Au/Cu Wire) of wire bond processes.

### At a glance

Location: **Wuxi, (China)**  
Job ID: **HRC0899829**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

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- Analytical and problem solving skills.
- Analytical equipment knowledge.
- Statistical data analysis including design of experiment.
- Microsoft office and other software competence.

## 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

### **#WeAreIn for driving decarbonization and digitalization.**

As a global leader in semiconductor solutions in power systems and IoT, Infineon enables game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. Together, we drive innovation and customer success, while caring for our people and empowering them to reach ambitious goals. Be a part of making life easier, safer and greener.

### **Are you in?**

### **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.

