



## Reliability test engineer

### Job description

Infineon Power Semitech is looking forward to working with a Reliability Test Engineer at Cheonan site.

In your new role you will:

- Reliability Product Testing
  - Planning & Controlling - Test Planning and Scheduling, Budget Planning, Performance reporting
  - Test Execution - Performing of Stress Tests and Electrical Tests and Providing test results and reporting
    - 1) Environment test: Temperature cycling(TC), Unbiased HAST(UHAS), High/Low Temperature Storage(HTS/LTS)
    - 2) Life test: High Temperature Reverse Bias(THB), High Temperature Reverse Bias (HTRB), Intermittent Operational Life(IOL), High temperature operational life (HTOL)
    - 3) ESD: Human Body Model(HBM), Charged Device Model(CDM)
    - 4) Others: Terminal Strength (Bending), Terminal Strength (Pulling), Mounting Strength, Solder-ability(SAT), Resistance to solder heat (RSH)
  - Stress Engineering - Preparation/implementation of Test Methods, Design of Stress Boards, Equipment and Lot Data Evaluation and Release, Calibration of Equipment, Preventive Maintenance
  - Quality Management System – Documentation, Training, Continuous Improvement

### Profile

Basic/Minimum Qualifications:

- B.S. degree in Electronic or Electric, Chemistry, or Materials Science from accredited university.
- Minimum of 3 years of experience in reliability testing laboratory.
- Results-oriented, self-motivated, Inter-personal, communication, problem solving, and teamwork skills and ability to work well with multi-cultural and cross-functional global teams.
- Fluent in spoken and written English.

Preferred Qualifications:

- Master's degree in Electronic or Electric, Chemistry, or Materials Science from accredited university
- Working knowledge of quality systems and experience with support of new product development and semiconductor package assembly manufacturing.
- Failure analysis skills(Electrical measurement, SAM, X-ray) for handling of the reliability test failure

### At a glance

Location: **Cheonan (Korea)**  
Job ID: **360252**  
Start date: **Sep 19, 2022**  
Entry level: **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: **360252**  
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## Benefits

- **Cheonan:** 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 canteen; Wage payment in case of sick leave; Performance bonus

## 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.

