



## Staff Test Engineer

### Job description

Test engineers are responsible for designing and implementing the tests that ensure the quality and the functionality of a product. They are involved in all phases of the testing program, from designing the test parameters to troubleshooting errors, and writing up final test procedures.

Job Description: Staff Test Engineer for IoT Wireless devices:

1. Responsible for developing test program and for product bring up, characterization and eventual mass production testing of very high performance SOC IOT based semiconductor devices.
2. Minimum of 6+ years of relevant working experience and in depth knowledge of semiconductor testing process.
3. Sound understanding of Semiconductor Design for Test (DFT) techniques such as ATPG and PMU blocks like BUCLK and LDO's with Trimming procedure.
4. Expertise in Semiconductor Testing Methodology, using Teradyne Ultra-flex, Advantest-93k.
5. Strong Programming skills for writing and debugging test programs and HW related issues.
6. Skill in programming language like VB, C, C++, shell script languages like PERL, AWK, and Python.
7. Background in Digital, PMU testing is desirable. Having Mixed Signal and RF Testing knowledge is additional.
8. Excellent written and oral communication skills
9. BS or MS degree in EE or equivalent

### Profile

1. Test engineers are responsible for designing and implementing the tests that ensure the quality and the functionality of a product. They are involved in all phases of the testing program, from designing the test parameters to troubleshooting errors, and writing up final test procedures.
2. Extensive knowledge on engineering core courses like Circuit theory, Electronics,
3. Knowledge on automation scripting language like, Python, Perl,
4. Good Problem-Solving skills.
5. Ability to troubleshoot and think out of the box.
6. Good team player in a multi-site work environment
7. Excellent communication skills and Good written skills

### At a glance

Location: **Bangalore (India)**  
Job ID: **356457**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

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## Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent programs; International assignments; Career paths: Management career, Project management career, Technical ladder career, Individual contributor career, Professional career; Flexible work timing, Part time work, Work from home; Home office; Health & wellness reimbursement, Employee motivation forum, Spoorthi – Diversity club, Master health check up, Health promotion campaigns; Crèche facility; Annual success bonus; Mediclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion programs; Statutory benefits; Access for wheelchairs; On-site canteen; Paid sick leave, long term illness leave; On site Yoga classes, Sports club

## 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.

