



Principal Test Engineer

Job description

Principal Test Engineer

- Develop ATE test solutions for highly integrated RF SoC ICs for Wireless connectivity devices.
- Interface with cross functional Design and DFT, PMU, RF DVT teams to develop and present test plans.
- Design and debug the required device interface boards (DIB) and test program to be used for device characterization, qualification, and production
- Partner with Product Engineering for product characterization and Reliability testing.
- Responsible for optimizing test time and yield of the Final Test Program for both FE and BE production releases.
- Responsible for building multiple sets of correlated production DIBs and transferring to offshore manufacturing sites (OSATs)
- Resolve early production as well as mass production issues.
- Provide on-going support for Test Program enhancements as needed to ensure high quality and cost-effective manufacturing throughput
- Work with cross functional engineering teams in failure analysis and defining corrective actions, ensuring ongoing production quality
- Builds peer to peer relationships with cross functional teams

Profile

- Experience with developing Multi-site Teradyne UltraFlex and/or Advantest 93K test solutions desired
- Experience in VB, C, C++, LabView or automation scripting (PERL, PYTHON, or MATLAB)
- Experience with electronic bench-test equipment - oscilloscopes, logic analyzers, pulse and signal generators, power supplies, DC source/measure
- Excellent project management skills with demonstrated ability to identify manufacturing improvements, manage change, and implement solutions
- The ability to organize and present project information and goals in a concise, clear manner
- Comfortable working in a dynamic team environment
- Knowledge of RF principles is a plus
- Effective communication in written and verbal English

At a glance

Location: **Bangalore (India)**
Job ID: **327997**
Start date: **as soon as possible**
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: **327997**
www.infineon.com/jobs



- BE/BTech in Electrical Engineering 12+ years of related experience, or ME/MTech 10+ years of related experiences

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; Medclaim (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.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

