



Senior Staff Test Engineer

Job description

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.

Broad responsibilities

- 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

BE/BTech in Electrical Engineering 10+ years of related experience, or ME/MTech 8+ years of related experience

Good team player in a multi-site work environment

Benefits

At a glance

Location:

Job ID: **345148**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

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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.

