



Staff System Validation Engineer

Job description

In this role, you will be part of an IOT radio validation(Wi-Fi 802.11 a/b/g/n/ac/ax) & test team lead and perform lab characterization and validation of WLAN/BT/combo SoC for IOT products.

- Bench test, debug, and characterization of module level and RF SoC IP including transmitters, receivers for Wireless LAN 802.11 a/b/g/n/ac/ax solutions
- RF system characterization measuring EVM, phase noise, sensitivity, and other radio parameters.
- Set-up and maintenance of lab test environment.
- Development and execution of scripts.
- Generation of RF design/verification/test report.
- Interface with RF systems and integration teams on RF board layout, test interface methodology and programming sequence, and RF calibration programming.

Profile

- Sound understanding of RF system for WLAN/BT specifications.
- Knowledge of complete RF signal chain. Experience with RF Calibration and RF parameter tuning for performance optimization.
- Experience with equipment including spectrum analyzer, network Analyzer etc
- Hands on debug experience with WLAN, BT systems at board level.
- Past expertise in interacting with multiple teams in hardware, software, domain skills in RF/microwave.
- Knowledge on RF drivers is a plus. Strong problem solving and analytical skills.
- Strong object-oriented programming fundamentals.
- Proficient in scripting languages: Python, TCL, Perl and shell programming.
- Strong verbal and written communication skills.
- Good communication skills and mindset of team work.
- Must be passionate to learn new technologies and work in a fast paced environment.
- Education Requirements - B.Tech, M.Tech (preferably with specialization on RF /Microwave Engineering).

Benefits

At a glance

Location: **Bangalore (India)**
Job ID: **332091**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Contact

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- **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.

