



Principal Engineer System Validation

Job description

Post Silicon Validation

- Full ownership of characterization deliverables from design phase to production including post-silicon debug of Compute/Connectivity SoC products
- Lead bench and ATE Char Automation initiatives impacting the char cycle time of SoC products and standardization of Char methodology
- Work with Design and Test engineers on correlation of ATE and simulation environments
- Develop ATE Char programs for customer char requests of SoC products. Interact closely with Test, Design, Apps, Char engineers across sites.
- Mentor junior engineers
- Manage Char schedules and liaison with Cross functional teams, when associated as a program manager for characterization

Profile

- Bachelor's/Master's degree in Electronics Engineering
- 8 to 15 years of Characterization engineering experience in complex digital, mixed signal SoC products
- Hands-on experience with lab equipment like NI/Tektronics/Agilent equipment and scopes
- ATE coding experience and SoC silicon knowledge
- Experience of Instrument automation using LabVIEW
- Experience of High speed interfaces like MIPI, USB characterization is preferable
- Experience of working with ATEs is preferable

At a glance

Location: **Bangalore (India)**
Job ID: **334933**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **334933**
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- Experience on Firmware and test suite development for testing Microcontroller peripherals
- Excellent communication and interpersonal skills. Need to be an excellent team player

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.

