



Principal Engineer Verification & Validation

Job description

Principal Engineer Verification & Validation- SoC Verification

- Define and implement verification concepts for complex SoCs using state-of-the-art methodologies such as metric driven, formal and emulation-based verification as well as HW/SW co-verification
- Design the architecture of advanced test benches using SV/UVM
- Co-ordinate the overall verification strategy
- Define and control verification management activities such as verification planning, verification tracking and reporting
- Control for work process compliance and high-quality verification sign-off
- Define and implement Power aware simulation and Gate level simulations

Profile

- Candidate should have strong background in digital verification using System Verilog and UVM.
- Should have developed multiple verification environments for complex IP's and SoC's.
- He should be capable of defining verification architecture for new IP's and should have developed verification environments.
- Candidate should have worked on ARM based SoC verification covering RTL, Power Aware and Gate level simulations.
- Exposure to deployment of automation and formal verification methodologies is a plus.

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

At a glance

Location: **Bangalore (India)**
Job ID: **320802**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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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.

