



Senior Staff Engineer - Verification

Job description

Be part of a verification team utilizing leading-edge verification tools and methodologies to enable the functional verification of large, and complex memory devices.

- Be part of a verification team utilizing leading-edge verification tools and methodologies to enable the functional verification of large, and complex memory devices.
- Engineer is Responsible for:
- Designing self-checking test benches using modern verification techniques
- Implementing functional coverage and assertions using System Verilog and UVM
- Developing test and functional coverage plans based on device specifications.
- Analyzing and debugging simulation failures, as well as analyzing functional coverage results to guarantee zero defect outcomes.

Profile

- Engineering degree preferably in Electronics / Electrical or equivalent experience with 10+ years of solid verification experience.
- Ideal candidate would be involved in "from the scratch TB development" using System Verilog and UVM.
- Expert level engineer in Verification with UVM methodology with reusable verification environments.
- Experience in IC verification with constrained-random, coverage driven verification closure.
- Experience developing and working with verification languages like: System Verilog, OVM, UVM
- A solid understanding of verification concepts and experience designing class-based test benches
- C coding and Power aware simulation will be an advantage.
- Excellent written and oral communication skills.
- Strong debugging skills.

Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent

At a glance

Location: **Bangalore (India)**
Job ID: **347349**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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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

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.

The Connected Secure Systems (CSS) segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

