

Driving decarbonization and digitalization. Together.



Senior Staff Engineer Verification

Job description

In your new role you will:

- Be in continuous and intensive contact with our development sites worldwide;
- advise and support the experts from our business units in verification projects;
- drive the internal exchange of know-how and experience at Infineon;
- work out optimization opportunities in the area of verification methodology and verification coverage through integrating the results achieved into Infineon's design system and supporting their implementation in the development of new products;
- collaborate with other disciplines (e.g. Application Engineering) to define the verification methodology and the verification plan;
- design and develop the verification environment for ICs using the "Universal Verification Methodology" (UVM);
- independently identify sub-modules that are particularly suitable for Formal Verification and apply this methodology;
- Implement test scenarios using **System Verilog** and verify **functionality** using a Constrained Random Approach;
- use the **Unified Power Format (UPF)** to verify the low-power aspects of our designs;

Profile

You are best equipped for this task if you have:

- You have a degree in Electrical Engineering, Computer Science or a similar academic discipline.
- You have at least five years of professional experience in Metric Driven **Verification** (digital & mixed-signal) and Formal Verification.
- You have experience with microcontroller-based ICs and ideally with security and safety requirements.
- You are experienced in the creation and dissemination of methods in the area of functional verification.
- You have an excellent understanding of and application skills in UVM and UPF.
- You have sound knowledge of **firmware and RTL design (VHDL)** - experience with Cadence verification software is a plus.

At a glance

Location:

Job ID: **HRC0506210**

Start date: **as soon as possible**

Entry level: **5+ years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0506210**
www.infineon.com/jobs



Contact

swati.gupta@infineon.com



- You have some initial experience in technical leadership and project management.

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

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant´s experience and skills.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

