

Driving decarbonization and digitalization. Together.



Senior Staff Verification Engineer (f/m/div)

Job description

Do you have a passion for technology and want to work with the technological advancements of the future? Do you aim to leave your fingerprint on tomorrow's automotive products? At Infineon, we are highly aware that valuing and appreciating each and every employee's work is the cornerstone of our success. If you are able to promote commitment and drive innovation – this is for you! Apply now to become our Senior Staff Verification Engineer in our growing Design Center in Bristol.

As a Senior Staff Verification Engineer, you will work within the IMA (Infrastructure, Methodology & Automation) IP Verification team in Bristol, a team with a proven track record in successful IP deliveries into Automotive Microcontrollers.

In your new role you will:

- Define, develop and document **UVM compliant, generatable SystemVerilog components** for re-use across **IP test benches**;
- Help to define **standardized verification methodologies** for execution of IP verification and understand **scope for automation**;
- Help to define and develop **framework for trialing new verification infrastructure and methodology**;
- Provide **training and support on new and existing verification infrastructure and methodology**.

Profile

Although you are able to develop your tasks independently, you work effectively as part of a team, always being willing to both give and take help when necessary. Your proactive personality allied with your excellent communication skills allow you to solve problems in an effective way and mitigate risks early. Your track record in taking projects to completion is supported by your ability to take ownership and deliver to agreed specification and schedule. Furthermore, you have a detail-oriented mindset and enjoy driving innovation.

You are best equipped for this task if you have:

- A **degree in STEM subject**;
- At least **5 years in Verification**, with proven experience of developing **test bench components**, defining **test bench architecture** and/or **verification methodology**;
- Expertise in **hardware verification languages**, including **SystemVerilog and UVM**;
- The ability to understand complex **design specification**, **derive features and test bench architectures from concept**;

At a glance

Location:

Job ID: **HRC0703436**

Start date: **Jun 02, 2024**

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: **HRC0703436**
www.infineon.com/jobs



Contact

Cláudia Rodrigues

Recruiter



- Familiarity with **EDA tools** for Design and Simulation;
- Working knowledge in **scripting languages for verification environments** (e.g Python, Perl, TCL would be preferred);
- Knowledge of **Linting tools** (PC Lint or equivalent) would be a plus;
- Fluency in **English**.

Please send us your CV in English.

Benefits

- **Bristol:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; Different career paths: Project Management, Technical Ladder, Management & Individual Contributor ; Flexible working conditions; Part-time work possible (also during parental leave) ; Sabbatical; Medical coverage; Labor gymnastics; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; IFX Success Bonus and Spot Awards; Accessibility, access for wheelchairs
- **Dublin:** Coaching, mentoring networking possibilities ; Wide range of training offers & planning of career development; Different career paths: Technical Ladder, Management & Individual Contributor; Flexible working conditions; Medical coverage; Health promotion programs; On-site Kitchen available ; Company Sick Paid Leave Scheme; Company Pension Scheme ; Annual Success Bonus Scheme; Monthly Commuter Ticket fully expensed by Company ; Accessibility, access for wheelchairs ; Possibility to work remotely from abroad (EU)

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.

– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

The **ATV division** is shaping the future of mobility by enabling clean, safe, and smart cars. Its product and solution offering is powering the decarbonization and digitalization of vehicles. By driving the transition to hybrid and purely electric vehicles, ATV is making a valuable contribution to cleaner roads. ATV is also increasingly digitalizing cockpit, infotainment, comfort, and lighting applications as it takes automated driving to the next stage with higher levels of connectivity, security, and safety.

The ATV portfolio integrates sensors, microcontrollers, high-performance memories for specific applications, power semiconductors based on silicon and silicon carbide, as well as components for human-machine interaction and vehicle connectivity. Infineon is the world leader in automotive semiconductors.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Automotive Microcontroller: We make cars clean, safe and smart

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive vehicle microcontroller portfolio and complements it with software. We serve automotive key applications, such as powertrain, advanced driver assist, chassis, body, instrument cluster and infotainment. We also address high-performance dependable computing, real-time domain and zone control, smart sensing and affordable artificial intelligence (AI) applications enabling the next stages of automated driving as well as higher levels of car connectivity, digitalization and security.

Being at the core of this transformation, ATV MC contributes to shape the future of



mobility enabling clean, safe and smart cars. So join us to create a better future together.

[#AutomotiveMicrocontroller](#)

– At Infineon UK we highly appreciate and value diversity within our workforce –

At our Design Center in Bristol, we hire the best in class engineers to develop the next generation Embedded Automotive Microcontrollers. Our Sales professionals and Field Application Engineers located all across the UK join forces to provide best in class solutions for our customers applications. Typically, they form part of a Global Account Team.

At Infineon's Redhill Design Center our focus is on developing semiconductor packaging solutions for a broad range of applications. We develop solutions for all of Infineon's business units along with our manufacturing partners located across the globe.

Together we hire engineers with a science/engineering background and provide them with opportunities to develop their careers and skill sets through a combination of training, exposure to subcontractors and involvement in advanced development projects. Our scope of activities goes from the development of Embedded CPUs and ADAS solutions to the packaging of products – we operate across all four divisions of Infineon!

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.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

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.

