



Senior Staff ADAS IP Verification Engineer (f/m/div)*

Job description

Are you good at understanding complex technical details and solving problems? Do you have a passion for microcontrollers and the automotive field? Do you want to join a dynamic team working in a multinational environment? If you enjoy being innovative and developing new trends, become part of our team in Bristol and help us to shape the technology of tomorrow!

As a Senior Staff ADAS IP Verification Engineer, you will work within the ADAS IP Development team in Bristol, a team with a proven track record in successful IP deliveries into the AURIX Automotive Microcontrollers. You will take ownership of IP verification topics in the verification of cutting-edge ADAS radar processing designs for the future of driving such as driverless cars and automotive safety.

In your new role you will:

- Be responsible for defining a **verification plan, requirements mapping, develop a SV-UVM test bench** and solve related potentially complex problems;
- **Debug failing test cases** to root cause;
- Be responsible for defining and writing a **functional coverage model**;
- Participate in **reviews to ensure test bench meets quality and sign-off targets**, including coverage, functional safety and test bench qualification;
- Develop deep **understanding of complex ADAS Concept and sub-blocks** and take end-to-end ownership of the verification of these sub-blocks;
- Proactively help **increase efficiency of verification activities** and mitigate risks early;
- Contribute to **enhancing verification strategy and architecture** of ADAS IP test benches.

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. You are able to communicate clearly, and to explain complex technical matters in a clear manner. Furthermore, you have a proactive personality to mitigate risks early, and the job specific skillset that helps you increase the efficiency of the verification activities.

You are best equipped for this role if you have:

- At least **5 years of experience working in Verification**, preferably at IP level, with **SV-UVM and RTL**;

At a glance

Location: **Bristol (United Kingdom)**
Job ID: **347575**
Start date: **as soon as possible**
Entry level: **5+ years**
Type: **Full time**
Contract: **Permanent**

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Job ID: **347575**
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Contact

Margarida Carneiro
Talent Attraction Manager



- The ability to **understand complex design specification**, derive features and test bench architectures from concept;
- Capability to **use industry-standard EDA tools**;
- **Time management skills and the ability to deliver to high-quality** requirements under pressure;
- A **safety-first approach** with ability to pay close **attention to detail**;
- Ability to clearly **report issues and progress** and **communicate in English**.

It is an advantage if you also have knowledge of:

- Signal processing architecture;
- Functional safety and verification;
- Scripting languages;
- Formal verification.

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

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

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

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality.

[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](#)

** The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

