



## Principal Engineer Functional Verification (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 be part of a dynamic team and work in a multinational environment? Then Infineon is the place to be! Apply now to join our Design Center in Bristol and help us to shape the technology of tomorrow!

As a Principal Engineer Functional Verification, you will take a crucial role within the team, having the ownership and oversight of a system IP.

In your new role, you will:

- **Develop a testbench** and **solve potentially complex problems** related to testbench development;
- Be responsible for **on-schedule, high-quality verification deliveries**, including execution planning across all tasks and metrics, tracking progress against plan and taking corrective actions;
- Be responsible for **debugging failing test cases** to root cause;
- Contribute to **defining and writing a functional coverage model**;
- Ensure all **deliveries are compliant** with relevant processes;
- Proactively **increase the efficiency of verification activities** and collaboratively **create, investigate and support innovative ideas**;
- Effectively **work with the wider organizational community**, including clear communication of issues and progress and **sharing best practices** across boundaries.

*Please note that the chosen candidate can grow into a leadership role.*

### Profile

You enjoy working with other experts to solve highly complex problems, always willing to both give and take help when necessary. Furthermore, you are a risk-taker and open to deriving lessons learned from previous problems and aiming for continuous improvement.

You are best equipped for this role if you have:

- A university **degree in Electronic/Electrical Engineering** or similar field of studies;
- More than **5 years of experience in Functional Verification** and a deep understanding of all **technical aspects of IP Verification**;

### At a glance

Location: **Bristol (United Kingdom)**  
Job ID: **333233**  
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:

Job ID: **333233**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Margarida Carneiro**  
Talent Attraction Manager



- A **hands-on approach to testbench development** and all verification tasks needed to achieve metrics on time;
- Expertise in **hardware verification languages**, such as SystemVerilog or Specman e and UVM;
- A **safety-first approach** and the ability to **pay close attention to detail**;
- Ability to **communicate clearly 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

## 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.

– **Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars** –

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon **ATV** is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

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

### Microcontroller

The Infineon business segment **MC** (Microcontroller) is strongly growing with latest TriCore Microcontroller generation AURIX, offering latest innovation in performance, connectivity, power consumption, safety and security. Furthermore the key application segments are targeting segments with high innovation potential and highest market growth such as Advanced driver Assistant systems. As part of the automotive business unit the focus of MC is on the requirements of the automotive market from motor cycle to truck applications. **#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.*

