



## Senior Concept Engineer (f/m/div)\*

### Job description

Do you want to actively contribute to the innovation of leading-edge technology? In Bristol, we are developing Automotive semiconductors which will impact our future by making life easier, safer and greener! Join us as a Senior Concept Engineer and help us achieve our mission.

As a Senior Concept Engineer, you will play a key role in the definition of our AURIX™ products, using internal protocols (SRI) and industry standards (AXI) to connect blocks and ensure product requirements are met.

In your new role you will:

- **Define SRI and AXI Buss concepts** as part of the Real-Time and Radar Processing Clusters;
- **Map product requirements** for concept definitions and **create concept documentation**;
- **Analyze the system performance on Buss/NoC requirements** and establish the guidelines to meet goals;
- **Contribute to architecture discussions**, driving and participating in relevant feasibility studies;
- Participate in the **Functional Safety analysis** at block level and **define relevant safety mechanisms**.

### Profile

You are interested in the Automotive market and trends and enjoy sharing your knowledge with the team. You take in information quickly and always strive for excellence, feeling responsible for exceeding expectations. Furthermore, you are an excellent communicator who is able to build sustainable relationships with a broad range of stakeholders.

You are best equipped for this position if you have:

- A degree in **Electronic/Electrical Engineering, Computer Science**, or similar field of studies;
- **5+ years of experience in Digital Design** and understanding of embedded processor buss systems;
- Knowledge of **Buss/NoC technical specification, interconnecting SoC or subsystems within SoC**;
- **Knowledge of protocols**, such as **SRI, AXI, or AAHB** and experience with **Functional Safety**;

### At a glance

Location:

Job ID: **323099**

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: **323099**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Margarida Carneiro**

Talent Attraction Manager



- Fluency 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.*

