

# Driving decarbonization and digitalization. Together.



## Principal MicroArchitect/Concept Engineer (f/m/div)

### Job description

Are you fascinated by the future of mobility and want to play a key role in our Design Architecture and modeling team? Do you have experience as a hardware IP Microarchitect or Concept Engineer and want to take the next step in your career? Then, our team in Bristol is waiting for you! Join us as a Principal MicroArchitect /Concept Engineer and help us to enable megatrends like automated driving AI.

As a Principal MicroArchitect/Concept Engineer, you will translate application requirements into microcontroller system architectures – working with experts from various Infineon teams as well as key customers.

In your new role you will:

- **Translate customer application needs** into models or descriptions of our functional building blocks
- Take the ownership for **specifying cross functional Building Blocks**, acting as the technical expert, and **developing the concepts for both hardware and software aspects**
- **Be the interface** between our customers, application engineering and development teams while **building cross-functional networks**
- **Be the Specification owner**, aiming for the best possible compromise between customers and Infineon needs
- **Own and create the corresponding technical documentations** such as Specification, Functional Safety Analysis and User Manual to provide the **requested functional descriptions** and **documents** to guarantee the **ISO26262 compliance**

### Profile

You like to delve into problem solving, always keeping the details in mind but never losing focus on the big picture. You have an innovative but methodical approach to work supported by your curious and logical mindset. Moreover, you have strong communication skills and customer orientation that allow you to build and maintain long-term relationships.

You are best equipped for this task if you have:

- A **degree in Electrical/Electronic Engineering, Physics**, or a related technical field
- At least **8 years of relevant working experience** in **Concept/Architecture, IC design /verification** or related fields

### At a glance

Location:

Job ID: **HRC0377390**

Start date: **Oct 01, 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: **HRC0377390**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

**Ana Rita Costa**

Recruiter



- Very good knowledge of **state-of-the-art high-scale integrated SoC's** based on latest technologies, high performance & low power microcontroller product infrastructure
- Experience in defining **Hardware Specifications and User Manuals**
- Microcontroller and automotive application knowhow are a plus
- Basic knowledge about safety standards and applications (e.g., ISO26262, ISO21434 and/or FMEDA) is a plus
- **Fluency in English** (mandatory)

## 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

### 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 green mobility smart

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive microcontroller and software portfolio. The three major product families, AURIX, TRAVEO and PSoC, provide the newest innovation in performance, connectivity, power consumption, safety and security.

We enable the latest advancements in the dynamic automotive market, such as vehicle electrification, automated driving and driver information & interaction. Being at the core of transformation, we pave the way for new technologies, such as artificial intelligence and dependable computing, as well as higher levels of connectivity, security and user experience. So, join us to create a better future together.

[#AutomotiveMicrocontroller](#)



**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.

