

Driving decarbonization and digitalization. Together.



Infrastructure Senior Staff IP Design Engineer (f/m /div)

Job description

Infineon Bristol is creating a brand-new team responsible for Infrastructure, Methodology, and Automation. Do you want to take part of this challenge and help us contributing to the next generation of automotive microcontrollers? If you are passionate about IP Design and have an interest in Digital Design Methodologies, then this is the right challenge for you! Join us as an Infrastructure Senior Staff IP Design Engineer – our R&D team in Bristol is waiting for you!

In this role, you will take part of our new Infrastructure, Methodology, and Automation IP Design team, where you will be responsible for our highly reusable IP Design Modules, while contributing to all enabling activities for the IP design teams.

In your new role you will:

- **Derive Design Micro-Architecture** from Architectural Specification and Requirements;
- Generate complex **Digital IP designs as well design related documentation, taking ownership on generated parts;**
- Be responsible for the **execution of the front-end design flow - Linting, RTL synthesis and DfT insertion** to prove the implementability of the design;
- Work on the **definition of front-end digital design methodologies and flows** with associated documentation.

Profile

You are a true team player and an excellent communicator who can quickly establish successful cooperation with others. Even in complex situations, you keep the bigger picture in mind and make decisions confidently, even when things are uncertain. You promote an awareness for continuous quality in your area of work, conscientiously working on making things better, faster, and more efficient.

You are best equipped for this task if you have:

- A **degree in STEM** (Science, Technologies, Engineering, Mathematics);
- **At least 6 years** of relevant **Digital Design experience from Digital IP design;**
- Ability to **develop RTL code** targeting high speed and/or low area and the **understanding of how RTL will map to gate-level structures;**
- An In-depth understanding of **Digital Design Methodologies and flows;**

At a glance

Location:	Bristol (United Kingdom), Dublin (Ireland)
Job ID:	HRC0716034
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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **HRC0716034**

www.infineon.com/jobs



Contact

Ana Rita Costa
Recruiter



- The ability to work effectively as part of a team, including clear communication of issues and progress;
- **Fluency in English** (mandatory).

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 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](#)

– 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.

