

Driving decarbonization and digitalization. Together.



Lead Principal Infrastructure and Methodology Concept Engineer (f/m/div)

Job description

Infineon Bristol is creating a brand-new team responsible for Infrastructure, Methodology, and Automation. Do you want to be the technical lead of this new team of talented engineers? Are you a seasoned concept engineer with a passion for microcontrollers and the automotive fields? Are you excited about the prospect of working in a dynamic multinational environment where you can leave your mark? If so, this is the perfect opportunity for you.

As a Lead Principal Infrastructure and Methodology Concept Engineer, you will assume a central role as the technical lead for our new Infrastructure and Methodology Concept Engineering team. You will encompass a wide array of crucial tasks aimed at bolstering the quality and efficiency of our Concept Engineering work products. Furthermore, you will be instrumental in actively contributing and providing significant insights within the Concept Engineering community, fostering collaboration, and driving impactful contributions to the team's collective efforts.

In your new role, you will:

- **Be the technical lead** for our new Infrastructure and Methodology Concept Engineering team;
- **Improve and develop tools and methodologies to increase the quality of Concept Engineering deliverables**, including but not limited to Hardware architecture, Hardware/Software interfaces, Functional Safety (FuSa) documents, and user manuals;
- **Foster technical alignment and agreement on solutions** within the Concept Engineering community;
- **Develop a deep understanding of the interdependencies** with Product/Platform Architects, Technical Marketing, Design and Verification teams, and the Documentation team to **ensure seamless collaboration** and synergy across all functions;
- **Implement and provide training on tools, best practices, guidelines, and processes** to empower the Concept Engineering community and enhance their effectiveness and efficiency.

Profile

You are a person that doesn't shy away from a challenge. You thrive in a fast-paced environment, always eager to take on new opportunities to push yourself and your colleagues to new heights. When faced with challenges, you remain calm and collected, making timely decisions with confidence and precision. You understand that even the

At a glance

Location:

Job ID: **HRC0686379**

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: **HRC0686379**
www.infineon.com/jobs



Contact

Luis Oliveira
Recruiter



smallest of oversight can have serious ramifications, and therefore you take great care to ensure that all tasks are completed with the utmost accuracy and attention to detail.

You are best equipped for this role if you have:

- **PhD, Master's, or Bachelor's degree in Electrical/Electronic Engineering;**
- **At least 8 years of experience** of relevant work experience, ideally in a **technical lead position** with **exposure to microarchitecture definition** for reusable Functional Blocks or Hardware IPs.
- **Strong foundational knowledge** and proven expertise in **digital and analog chip design & design microelectronic workflows.**
- **Advanced knowledge** and hands-on experience in **Python** and **Software Development** or experience driving SW teams.
- **Knowledge of DITA XML** for document creation;
- Hands-on experience with **documentation flows** for engineering;
- Hands-on experience on **XLST** – would be an advantage;
- **Fluency in English.**

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.

