

Driving decarbonization and digitalization. Together.



Senior Engineer Digital IP (f/m/div)

Job description

Would you like to be a part of innovation, work on the cutting-edge technologies and face exciting new challenges? Are you looking for a modern, inspiring workplace where you can apply your technical knowledge? We are growing our Digital Design team in Dresden and are looking for you! In this position you will be part of a growing diverse team of international experts in a high-tech environment in our Development Center in Dresden. Our team is looking forward to your application!

In your new role you will:

- Work with **IP Architects** to define the **microarchitecture** of reusable digital **modules** based on **IP specifications**
- **Implement** complex **digital blocks** in **SystemVerilog**
- **Create timing constraint s** and **power intent files**; perform **linting, CDC** and **DFT checks** to ensure high quality designs
- Run **synthesis** and **power estimation** to **optimize RTL** for better performance, power and area
- Support product teams in **IP integration, chip bring-up** and **product qualification**
- **Work** closely **with** different **teams across the world** on exciting solutions

Profile

As a Senior Engineer Digital IP (f/m/div) you know how to make use of your potential and motivate yourself and others to achieve top results and performances. Contributing to the team success, you communicate openly, clearly, and coherently.

You are best equipped for this task if you have:

- A **university degree** in **Electrical Engineering, Computer Science** or similar
- **3 years** of relevant **industry experience** in **digital design** for **IP / SoC development**
- Ideally, **hands-on experience** on **off-chip communication protocols**
- Experience with **RTL development** using **SystemVerilog**
- Worked with **digital design flow** including **linting, CDC, DFT** and **logic synthesis**
- Basic **knowledge** of **functional verification techniques**, specifically **UVM**
- Experience on **Validation of Automotive Hardware Functional Safety** in correspondence to ISO26262 standard
- Proven ability to work and collaborate with international teams
- Fluent **English language skills**

At a glance

Location: **Dresden (Germany)**
Job ID: **HRC0948356**
Start date: **Oct 01, 2024**
Entry level: **1-3 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: **HRC0948356**
www.infineon.com/jobs



Contact

Elisa Stasch
Recruiter



Benefits

- **Dresden:** Coaching, mentoring networking possibilities; Wide range of training offers & planning of career development; International Assignments; Different Career Paths: Project Management, Technical Ladder, Management & Individual Contributor; Flexible working conditions in office jobs; Home Office possibilities; Part-time work possible (also during parental leave); Spots in local kindergarden; On-site social counselling and works doctor; Health promotion programs; Fitness Room; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement ; Performance bonus; Reduced price for public transport, car sharing, charging station for e-cars and e-bikes; 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.

The **Development Center Dresden** was launched in 2019 and is growing successfully. Today, more than **120** top-class experts and young talents from **23** nations are working on research and development of new products and solutions for automotive and power electronics, software, chip design and verification, characterization of complex systems as well as development of products and solutions with artificial intelligence. In the long term, the Development Centre will employ around 250 people. State-of-the-art research and characterization labs facilitate R&D activities for automotive applications, electromobility and AI chips of the next but one generation. The Development Center covers the complete development value chain from product and system definition to qualification.

This is the right place for you, if you want to work in a high-tech environment, master challenges of advanced product development, be part of a multicultural team with great spirit and experience a startup-like culture.

[Click here](#) for more information about working at DC Dresden with interesting employee and management insights and an overview with more Jobs at #DCDresden.

The central R&D organization „**Design Enabling and Services“ (DES)** provides the design environments (design-systems) to the different product development teams at Infineon. With leading edge design methods, complex building blocks and a wide range of product development services DES enables Infineon's advanced IC development. This means the complete value creation chain from abstract system models down to the fully verified product layout which ensures high quality manufacturing readiness.

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.

