

Driving decarbonization and digitalization. Together.



Staff Engineer Digital Design (f/m/div)

Job description

Imagine having the freedom to bring your most creative ideas to life. As a key player in this role, you will have the autonomy to shape projects guided by high-level descriptions. You will have the flexibility to design and implement your concept in a way that showcases your unique problem-solving skills. Of course, we are committed to delivering exceptional quality, so you will need to ensure that your innovative solutions meet industry guidelines and standards, such as ISO26262 for Functional Safety. The best part? You will have the opportunity to work on a diverse range of projects, from cutting-edge automotive solutions to innovative consumer, industrial, or security products. And, you will get to work with our widely-used AURIX platform, which is revolutionizing the industry. With this position, you will enter our "Technical Ladder" career path. The Technical Ladder is a special career path for those who share innovative ideas, demonstrate comprehensive technical knowledge, show thought leadership, possess problem solving abilities and are able to create business value.

In your new role you will:

- Independently **execute digital design tasks** (Verilog/SystemVerilog) for IP development
- **Closely cooperate** with cross-functional teams (analog design, verification, DFT, etc.)
- **Drive innovative IP concept definition** based on the high-level product concept specification
- **Evaluate 3rd party IP's**, customize and integrate them into various products from all of our Divisions
- **Integrate digital, analog and mixed signal IP** on SoC product level
- **Develop and spread innovative and efficient methods, process for IP development** and integration based on internal and external tools

Profile

You see 'the big picture' of the projects and know where and how you and your concept can contribute best – also by sometimes thinking in unconventional ways. Furthermore, you like to consult colleagues using your expert knowledge on concept and IP development & functional safety, align with external IP providers and establish stable networks.

Beyond, you are best equipped for this task if you have:

- A Degree in **Electrical Engineering, Physics, Informatics or similar**
- About 3-5 years of experience in **digital design for IP/SoC development or verification**

At a glance

Location:

Job ID: **HRC0835057**

Start date: **as soon as possible**

Entry level: **3-5 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: **HRC0835057**
www.infineon.com/jobs

Contact

Theresa Albrecht
Recruiter



- Proven experience with **Verilog or SystemVerilog**
- Experience with **digital and mixed-signal IP development** as well as scripting languages (e.g. Perl, Python)
- Knowledge about **microcontroller systems** and **architectures** (for example ARM) is an advantage
- Experience with **Requirement-driven development flows** is a plus
- **Very good English**, German is an advantage

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 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.

