

Driving decarbonization and digitalization. Together.



Principal Design Engineer (f/m/div)

Job description

We are looking for a talented Principal Design Engineer to join our dynamic and experienced team and help us achieve our mission of excellence.

As a Principal Design Engineer, you will drive design activities as well as generate digital IP designs while working with larger design teams.

In your new role you will:

- Drive the design micro-architecture from architectural specification and requirements;
- Generate complex Digital IP designs while working alone or in collaboration with a larger design team;
- Work with architects, verification, and implementation engineers to fine-tune the design and lead to efficient verification and implementation cycles;
- Ensure design targets of performance, power and area;
- Perform linting, RTL synthesis, and DFT to prove the implementability of the design and achieve RTL sign-off;
- Create design-related documentation.

Profile

Do you have a structured work style and demonstrate high-quality standards for yourself and other people? Are you a true team player? Do you set the direction in your field of expertise and cooperate across boundaries by recognizing and using different areas of expertise and skills of the team members? Do you enjoy developing your knowledge and skills and motivate yourself and others to achieve top performance? So, this is the right job to apply!

You are best equipped for this task if you have:

- A university degree in electrical engineering;
- At least 8 years of relevant design experience and an expert in the field of complex digital IP design;
- Ability to develop RTL code targeting high performance and low area and understand how RTL will map to gate-level structures;
- In-depth understanding of the frontend design flow;
- Experience with Requirement-driven development flows as well as with Safety Products and ISO26262 qualification;
- Ability to work effectively as part of a team, including clear communication of issues and progress;

At a glance

Location:

Job ID: **HRC0612953**

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: **HRC0612953**
www.infineon.com/jobs



Contact

Carlos Ribeiro
Recruiter



- Fluency in English.

Please send us your CV in English.

Benefits

- **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)
- **Munich:**

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.

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.

