

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:	Dublin (Ireland), Munich (Germany)
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:** Möglichkeit für Coaching, Mentoring & Netzwerken; Möglichkeit für Coaching, Mentoring & Netzwerken; Offenheit für Teilzeit (auch in der Elternzeit); Medical coverage; Fitness-Studio; Kantine; Versicherungsangebot zu attraktiven Konditionen; Lohnfortzahlung im Krankheitsfall; Arbeitgeberfinanzierte betriebliche Altersvorsorge; Erfolgsbonus; Vergünstigtes Jobticket; Barrierefreiheit
- **Munich:** 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; Home Office Options; Part-time work possible; Sabbatical; Creche and kindergarden with 220 spots and opening times until 5:30pm; Holiday Child Care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis and soccer court ; On-site canteen; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement; Performance bonus; Cheaper ticket for public transport and very own S-Bahn station; Accessibility access for wheelchairs; Möglichkeit mobil aus dem Ausland zu arbeiten (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.

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.

