



Principal Engineer Physical Design and Methodology - Technical Lead RTL2GDS (f/m/div)*

Job description

Looking for the next step in your career? Then join our Physical Design and Methodology team as a Principal Engineer and take over a technical leadership position. Here you will develop state-of-the-art SoC products for all of our divisions - from Automotive and Industrial Power Control to Connected Secure Systems and Power & Sensor Systems. Bring in your experience and build up an expert network across sites and departments! With this position you will be entering our „technical ladder”: our career path for experts. You will be able to focus deeply on technology - while further pursuing your career. As you continually expand your expert knowledge, puzzle over matters and solve problems, you will position yourself as a thought leader - thus helping our products improve our world a bit more each day.

In your new role you will:

- Take over **technical leadership for highly complex designs** in multi-site Physical Design projects
- **Translate product requirements into layout specifics** using our state-of-the-art EDA tools and flows
- Work in **all phases of the RTL2GDS flow**
- Steer cross-functional teams to **meet Power Performance Area goals on schedule**
- Drive **methodology topics within the digital implementation RTL2GDS domain**, impacting projects of all our divisions
- **Analyze and solve problems of high complexity** using your global expert network
- **Share your knowledge** within the Physical Design community

Profile

We are looking for your experience and your willingness to use it to achieve cross-project success. Moreover, as a technical lead you are able to plan and track work packages, delegate tasks and manage relationships to key stakeholders.

You should have these additional qualifications:

- A **degree in Electrical Engineering, Microelectronics** or a similar field
- At least **6 years of experience in Physical Design** of highly complex SoCs
- A **deep technical understanding** in all aspects of **RTL2GDS**
- Proven **technical leadership skills**

At a glance

Location: **Munich (Germany)**
Job ID: **315106**
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:

Job ID: **315106**
www.infineon.com/jobs

Contact

Alexander Greie
Team Lead Talent Attraction



- Sound **programming skills** and knowledge in **scripting languages** e.g Tcl, Perl or Python
- Basic experience in **RTL coding and SoC architecture development**
- **Very good English language skills** – with **German** being an added plus

Benefits

- **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 (also during parental leave); Sabbatical; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; 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 and very own S-Bahn station; Access for wheelchairs

Why Us

Part of your life. Part of tomorrow.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

The central R&D organization „**Design Enabling and Services**“ (**DES**) provides the design environment to the different Infineon product development teams. With state-of-the-art design methods, building blocks and a wide range of product development services DES supports Infineon's advanced IC development from early high level system models to verified products ready for manufacturing.

** The term gender in the sense of the General Equal Treatment Act (GETA) or other national legislation refers to the biological assignment to a gender group. At Infineon we are proud to embrace (gender) diversity, including female, male and diverse.*

