



Staff Engineer Physical Design and Methodology (f/m/div)*

Job description

Infineon is one of the major global companies for semiconductors developing products that are essential to shape our future mobility. High performance Physical Design using newest automotive semiconductor technologies is key to enable these products. Do you want to be part of this challenge? Then join our team as a Physical Design Engineer. Bring in your experience and work with a team of experts across Infineon's sites and departments.

In your new role you will:

- **Take over the physical design of highly complex digital designs**
- **Work independently on different phases of the RTL2GDS workflow** using state-of-the-art EDA tools like Synthesis, Floorplans, Clock Tree Design, Routing, Static Timing Analysis and efficient Sign off
- Master the challenges of **hierarchical deep sub-micron designs**
- **Analyze technical problems and drive issue resolution with various colleagues from other departments**

Profile

You are team oriented and have a structured working style. You are open to new ideas and receptive to other ways of thinking or working and last but not least you are cooperating across boundaries while appreciating the contributions of other people

You are best equipped for this task if you have:

- A **degree in Electrical Engineering, Microelectronics, Physics** or a similar field
- At least **3 years of experience in Physical Design of highly complex SoCs** - with experience in Synthesis, Place & Route and Timing Closure
- **Programming skills and knowledge in scripting languages** like Tcl, Perl or Python
- Basic experience in RTL coding
- **Fluent English language skills** – with German being an added plus

Why Us

Part of your life. Part of tomorrow.

At a glance

Location:	Duisburg (Germany)
Job ID:	319400
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:

Job ID: **319400**
www.infineon.com/jobs

Contact

Katharina Niedermeier
Team Lead Talent Attraction



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.*

