



## Technical Lead Physical Design (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 Technical Lead Physical Design. Bring in your experience and work with a team of experts across Infineon's sites and departments. 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:

- **Take over the technical leadership for the physical design** of highly complex digital designs
- **Translate product requirements into physical implementations** using newest automotive semiconductor technologies
- **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
- **Create an expert network and drive innovation**, methodology and **continuous improvement** of our work flow

### Profile

You live up to high quality standards, strive for continuous improvement and you develop and implement effective solutions. As a true team player cooperate across boundaries and contribute with your hands-on and driver mentality. You focus on and listen to the stakeholders, consider their position in order to balance the requirements and interests. Last but not least you with your structured working style you are able to handle abstract matters and communicate complex topics in a condensed form.

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Microelectronics**, Physics or a similar field
- **At least 4 years of relevant experience in Physical Design** of highly complex SoCs - with experience in **Synthesis, Place & Route and Timing Closure**
- **Insights into technical leadership** in physical design projects
- **Programming skills and knowledge in scripting languages** like Tcl, Perl or Python

### At a glance

Location: **Duisburg**  
Job ID: **315043**  
Start date: **immediately**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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### Contact

**Katharina Niedermeier**  
Talent Attraction Manager



- Basic experience in **RTL coding**
- **Team oriented** and structured working style
- **Fluent English language skills** – with German being an added plus

