Senior Staff Digital Design Engineer for Automotive Power Applications (f/m/div)*

Job description

The semiconductor business and tomorrow's technologies have always fascinated you? Are you now ready to dive into Automotive Power Applications together with our experts? As a Digital Design and SOC Implementation Engineer, your main focus will be the design of different digital modules for products which are integrated in several cars all across the globe. Does this sound interesting? Then our colleagues in Bucharest are happy to welcome you as part of their team. Bring in your experience and build up an expert network across sites and departments!

As a Senior Staff Digital Design Engineer for Automotive Power Applications you will work closely with Application Engineer, Concept Engineer, SOC Implementation, Analog Design, Pre-Si and Post-Si Verification teams in order to ensure that the customer deliveries are provided in time and with the best quality.

In your new role you will:

- **Contribute to / coordinate Digital Design** activities for different projects (effort estimations and plan, participate to specification, concept and interdisciplinary reviews, define and implement the mass production test blocks)
- Elaborate **architecture and testbenches for each allocated module**
- Implement **RTL and perform RTL and Gate level simulations**
- **Work in "Analog on top" and "Digital on top" flows**, implement mixed signal P&R flow and perform LVS, DRC checks on released GDS, implement timing driven and physical constraints
- **Generate and handle Clock, reset and LFO trees and perform parasitic extraction**; perform Synthesis, Equivalence check, Static timing analysis and provide area estimations
- **Implement ECO scripts (timing ECO and functional ECO)**; perform ECO from code and cells replacement
- **Have ATPG knowledge, check design for timing violations** using PrimeTime and perform Power simulations and analysis - is a plus

Profile

You demonstrate strong communication skills and know how to establish lasting relationships and networks. You have a team player attitude and a technical drive willing. Moreover, you are goal and innovation oriented. You actively contribute to putting decisions to work as soon as they are taken and push ideas to their full implementation and application by supporting the team to excellence.

At a glance

Location:

Job ID: **363942**

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: **363942**
www.infineon.com/jobs

Contact

Tiago Novais
Talent Attraction Manager

You are best equipped for this task if you have:

- A University degree in **Electrical/Electronic Engineering or equivalen t**
- At least **5 years' experience in Digital Design** engineering positions
- Proven experience in **RTL Implementation using VHDL/Verilog**
- Good understanding of **Digital backend flow**
- Knowledge of a **scripting language like Python** would also be a plus
- **Good command of English Language**

Why Us

Part of your life. Part of tomorrow.

Infineon is a world leader in semiconductor solutions that make life easier, safer, and greener. Our solutions for efficient energy management, smart mobility, and secure, seamless communications link the real and the digital world.

* 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.