



Staff Engineer Digital Design Radar (f/m/div)*

Job description

Do you want to have an impact on our future radar products? Then join our development team in Duisburg as a Digital Design Engineer. In this role you will be part of an international team developing the heart of our leading-edge IP micro-architecture. You will collaborate with all disciplines, with a critical impact and playing a strategic role of getting functional products to millions of customers quickly. 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 responsibility** and **develop** the **IP micro-architecture** from high-level design requirements for the next-generation Radar Products
- **Write** compact, area and power-efficient **RTL code** in VHDL/SystemVerilog for performance-critical algorithmic blocks
- **Run functional, synthesis, timing checks** according to our quality standard using leading EDA tools
- **Drive collaboration** with multi-disciplinary international teams (Architects, Verification, Application, Software, SoC,) to ensure the best solution for customers under tight schedule
- Be responsible for **technical documentation** and **scripting**, while continuously **improving development methodologies**
- Drive continuous improvements, as well as having the chance to **mentor and groom junior engineers and students**

Profile

Do you listen actively to the (internal and external) customer and consider his point of view, thoughts, and ideas? If you furthermore have a good sense for current trends and deduce potential improvements for your own department then you should join our team.

You are best equipped for this task if you have:

- A technical degree in **Electrical Engineering, Microelectronics, Physics** or a similar field

At a glance

Location: **Duisburg (Germany)**
Job ID: **345156**
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: **345156**
www.infineon.com/jobs

Contact

Nadine Patriarca Roth
Talent Attraction Manager



- At least **5 years of experience** in **Digital Design** and excellent knowledge about **logic design techniques**, **DfT** and **UPF** knowledge is a plus
- Deep **understanding of IP frontend development** including design and verification
- Experience with **Cadence** or **Synopsys** tools in Digital Implementation and Verification
- Know-how on **Pre-Si verification** and **Post-Si validation**
- Familiarity with **Radar Subsystem** is a big plus
- Very good **English** language skills – **German** would be beneficial

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.

– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

** 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.*

