



Senior Staff Embedded Software Architect (f/m/div)*

Job description

Are you ready for a future-oriented role in a new software team that will shape the competencies and software technologies for Infineon's business? In this position you will influence the blueprint of the next generation of software architectures for Infineon's IPC division.

In your new role you will:

- **Specify and define then next generation of rising applications** in Infineon's focus areas like home appliances and eV charging
- Create software architectures for ModusToolbox and iMOTION based products, work on their concepts and generate system requirements
- Perform requirements engineering in an international team of cross functional experts
- **Strongly interact with different stakeholders within a global organisation** that drives energy efficiency and next generation features

Profile

You remain aware of the big picture even in complex situations and take decisions despite uncertain circumstances. With your foresight, you work conscientiously on making things better, faster, and more efficient. You are a true team player who collaborates beyond borders and appreciate the contribution of others, demonstrating active knowledge transfer and best practice sharing. You know how to make use of your potential and motivate yourself and others to achieve top results and performances.

You are best equipped for this task if you have:

- A **successfully completed university degree in computer science, electrical engineering** or similar
- **At least 5 years of experience in software engineering** / embedded control, middleware and the ability to review and specify System Software Architectures including design and development of Embedded Systems Software
- **Basic understanding of focus application** such as Home Appliances and eV Charging
- **Knowledge of tools to visualize and document software requirements** (UML, Jira /Confluence, Office-Tools etc.) is an advantage
- **Ability to develop and test code** for ARM Cortex-M based Embedded Systems is an advantage
- **Strong communications skills in English**, German would be a benefit

At a glance

Location: **Dresden (Germany)**
Job ID: **334432**
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: **334432**
www.infineon.com/jobs

Contact

Elisa Stasch

Talent Attraction Manager



Benefits

- **Dresden:** 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 in office jobs; Home Office possibilities; Part-time work possible (also during parental leave); Spots in local kindergarden; On-site social counselling and works doctor; Health promotion programs; Fitness Room; 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, car sharing, charging station for e-cars and e-bikes; Accessibility, 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.

– Industrial Power Control (IPC) empowers a world of unlimited energy –

Power semiconductors play a crucial role in increasing efficiency and reducing energy losses along the whole energy conversion chain.

As the global leader in power semiconductors, Infineon IPC delivers leading products and solutions for smart and efficient energy generation, transmission and consumption. We strive to make this planet a greener place where sufficient energy is accessible to everyone – wherever and whenever they need it.

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

The **Development Center Dresden** was launched in 2019 and is growing successfully. Today, almost 70 top-class experts and young talents from 10 nations are working on research and development of new products and solutions for automotive and power electronics, chip design and verification, characterization of complex systems as well as development of products and solutions with artificial intelligence. In the long term, the Development Centre will employ around 250 people. State-of-the-art research and characterization labs facilitate R&D activities for automotive applications, electromobility and AI chips of the next but one generation. The Development Centre covers the complete development value chain from product and system definition to qualification.

This is the right place for you, if you want to work in a high-tech environment, master challenges of advanced product development, be part of a multicultural team with great spirit and experience a startup-like culture. #DCDresden

** 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.*

