



Lead Principal Engineer System Architect and Product Definition Engineer (f/m/div)*

Job description

Do you want to be part of a highly motivated Team of experts and take over technical guidance? Take your Chance and support us as a Principal Concept Engineer and rewrite history in evolution of industrial microcontroller! Make life easier, safer and greener and support us in taking the challenge saving natural resources! Do you want to be the brain behind the “brain” of the next generation of intelligent power tools? Do you want to contribute to the Megatrend of energy efficiency in industry 4.0 by defining and creating the MCU which not just move robots but also our way of life? 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:

- **Define, assess and own detailed Product Requirements for Industrial Microcontrollers** based on analyzing applications and stakeholder requirements
- Interact with key **internal and external customers for stakeholder requirements capturing**. Translate target technical value drivers into product requirements
- **Drive technical synchronization with lead customers** during Product Creation phase
- **Perform peer-review of product architectures**, safety concepts and hardware /software requirements
- **Support R&D functions regarding clarification of technical details**, e.g. for features, performance and quality
- Support **customer validation of early prototypes**, on the test bench or on customer systems, accelerating product bring-up and customer's time to market
- Provide reports regarding product performance / benefits and limitations / challenges to Application Marketing and Product Marketing
- **Engage with Product / Application Marketing and System Architect to prioritize the features and feed into product (and application) roadmaps**
- Provide documentation and training on product to Product Application Engineer, System Application Engineer and Field Application Engineer
- **Coach and Mentor new or less experienced members of the team, guide their technical and professional development**

Profile

You are excited about future trends and create the products of tomorrow. Therefore you listen actively to the customers and know how to establish lasting relationships

At a glance

Location: **Munich (Germany)**
Job ID: **350037**
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: **350037**
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Contact

Katrin Weiß
Talent Attraction Manager



and networks. You recognize opportunities and have a good sense for profitable business ideas, being open to new ideas and receptive to other ways of thinking or working, weighing up opportunities and risks carefully. Over this you contribute to a good team atmosphere, cooperate across boundaries and appreciate the contributions of other people.

You are best equipped for those tasks if you have:

- A **technical degree in Electrical Engineering, Physics, Computer Science** or similar
- More than **8 years of professional experience related to IC product definition**, both on the block and on the full SOC level
- **MCU and/or Analog IC design experience** (as a plus)
- **Expert knowledge of either analog, digital, mixed-signal functional blocks, or full MCU SOC definition or design**
- Experience with **ARM® CORTEX® microcontrollers**
- **Solid experience with motor and power control**, as well as with Industrial communications
- **Fluent English language skills** and good German language skills (as a plus)

Benefits

- **Munich:** 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; Home office options; Part-time work possible (also during parental leave); Sabbatical; On-site creche and kindergarden with 120 spots, open until 6pm; Holiday child care; On-site social counselling and works doctor; Health promotion programs; On-site gym, jogging paths, beachvolleyball, tennis & soccer court; 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 and very own S-Bahn station; Access for wheelchairs

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.

–Connected Secure Systems (CSS) is at the heart of the IoT –

The **CSS** division provides end-to-end systems for a connected, secured world – building on trusted, game-changing microcontrollers as well as wireless and security solutions. CSS delivers microcontrollers plus Wi-Fi, Bluetooth® and combined connectivity solutions (known as connectivity combos) along with hardware-based security technologies to power the broadest application spectrum spanning consumer electronics, IoT devices, cloud security, IT equipment, home appliances, connected cars, credit and debit cards, electronic passports, ID cards, and more. The division is at the forefront of computing, wireless connectivity, and trusted technologies that are helping to securely connect the networked systems of today and tomorrow.

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

** 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.*

