



## Principal Concept Engineer Industrial MCU (f/m/div)

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### Job description

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? Do you want to be part of a highly motivated Team of experts? Then don't miss this opportunity, join our team as a Principal MCU Concept Engineer and take a driving seat in the evolution of industrial microcontrollers! 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:

- Define, assess and own **detailed Product Requirements for Industrial Microcontrollers** based on analyzing application and stakeholder requirements
- **Interact with key customers and system manufacturers** for stakeholder requirements capturing and **translate target technical value drivers** into product requirements
- **Drive technical synchronization with lead customers in Product Creation phase**
- Perform **peer-review** of product architecture, safety concept, hardware/software requirement
- **Support R&D functions regarding clarification of technical details**, e.g. for features, performance and quality
- Support **customer validation of prototypes, preferably in evaluation boards or customer systems**, to find bugs quickly and accelerate time to market
- **Provide reports regarding product performance / benefits and limitations / challenges to Applications 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**

### 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: **325003**  
Start date: **as soon as possible**  
Entry level: **5+ years**  
Type: **Full time**  
Contract: **Permanent**

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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**
- At least **6 years of professional experience related to IC product definition or application engineering** in the semiconductor industry, MCU and / or Analog IC design experience is a plus
- **Experience with ARM® CORTEX® microcontroller**
- **Expert knowledge of analog, digital and mixed-signal functional blocks or full MCUSOC definition or design**
- Solid experience with **motor and power control**, as well as industrial communication
- **Fluent English and good German 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.**

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.

**– Connected Secure Systems (CSS) delivers security for the connected world –**

**The Connected Secure Systems (CSS)** segment offers comprehensive systems for a secure, networked world with a portfolio built around reliable, trendsetting microcontrollers as well as wireless connectivity and security solutions. Over the past decades, CSS has developed microcontroller, Wi-Fi, Bluetooth and combined connectivity solutions (known as connectivity combos) and hardware-based security technologies. The products are used in a broad range of applications: from consumer electronics, IoT and home appliances to IT equipment, cloud security and networked cars all the way to credit and debit cards, electronic passports and IDs. With its leading technologies in the areas of computing, connectivity and security, CSS makes a decisive contribution to protecting today's and tomorrow's networked systems.

*\* 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.*

