



Principle Software Engineer Real Time Control (f/m /div)*

Job description

With our society rapidly experiencing a digital transformation, energy efficiency and carbon neutrality are becoming an urgent necessity which drive technology forward. Do you want to take a deep dive into Infineon`s Divisions when it comes to software topics? Is networking with internal and external stakeholders around the world what you call the perfect challenge? As Principle Software Engineer Real Time Control you can join us on our journey to make life easier, better and greener. Apply now: live innovation every day and influence the creation of products that have a great impact in our daily lives! 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:

- **Develop and test system support functions** within an embedded real time microcontroller system
- **Be responsible for porting and adapting of the system support framework** for other microcontroller platforms
- **Contribute in design and development of a test suite for functional safety** for home appliances and automotive
- **Contribute in maintenance of the system support framework**

Profile

You listen actively to the customers and consider their point of view, thoughts and ideas in order to balance their requirements and the interests of Infineon. Your communication skills are excellent, you are empathic and look for an active conversation and cooperation within internal and external stakeholders and therefore build up long-lasting alliances and partnerships. You have the ability to understand and to deal with complex technical and commercial topics. In complex situations you remain aware of the big picture and take decisions despite uncertain circumstances.

You are best equipped for those tasks if you have:

- A degree in **Microelectronics, Electronics, Information Technologies** or similar
- At least **6 years of professional experience in design, development and test of Embedded Real Time Microcontroller Systems**
- **Proficient experience with Arm Cortex M Microcontrollers and their Ecosystems** (Keil, IAR, GCC)

At a glance

Location:

Job ID: **359282**

Start date: **Oct 01, 2022**

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: **359282**
www.infineon.com/jobs

Contact

Katrin Weiß

Talent Attraction Manager



- Solid understanding of **modular and portable programming methods in programming language C** for embedded systems
- Knowledge in the area of **functional safety for home appliances and automotive**
- Experience with **requirement management, agile development, CI/CD methodology and their tools** (GIT, Bitbucket, Jenkins, Jira, Jama)
- **Excellent communication and moderation skills in English language**, German is a big 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.

–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 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.*

