



Senior Engineer Embedded Software for Motor Control Application (f/m/div)*

Job description

You want to work on some of the most advanced semiconductor products and develop your knowledge as well as personal skills? As a Senior Engineer Embedded Software for Motor Control Application, you will have the chance to grow your career within the semiconductor industry. In this role, you will become responsible for the maintenance and further development of our motor control software library.

In your new role you will:

- **Maintain and extend the existing functionality of our motor control software library** mainly for automotive applications
- Be part of a **scrum team** and live the agile method for software development
- **Work closely with our software architect** and specify and develop motor control algorithms for electrical motors
- **Test the embedded software on the target hardware** and support our verification team with testing on the motor testbench
- **Follow the automotive standard development process**
- Support our application engineers as **3rd level support** for our automotive customers

Profile

You clarify areas of responsibility, coordinate your work with colleagues, and regularly share your insights with them. You have a clear notion of how innovation contributes to the commercial success of the company.

You are best equipped for this task if you have:

- Degree in **electrical engineering with a focus on power electronics and motor control**
- **1-3 years** of professional experience in embedded software for motor control applications, ideally very good knowledge in motor control for brushless drives (field-oriented control, block commutation, sensor less algorithms)
- Good experiences in **embedded software development** in C and good knowledge of ARM Cortex M0/M3/M4 microcontrollers
- First experience in working in an agile team and know the state-of-the art **software development engineering practices (CI/CD)**
- Very good technical knowledge and excellent problem-solving ability

At a glance

Location: **Munich (Germany)**
Job ID: **361603**
Start date: **Oct 01, 2022**
Entry level: **1-3 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

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Contact

Bari Guritno
Talent Attraction Manager



- **Fluent English** presentation skills - German language skills are optional

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.

** 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.*

