



Senior Engineer Motor Control Embedded Software (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 Motor Control Embedded Software, you will have the chance to grow your career within the semiconductor industry. In this role, you will become responsible for the porting our motor control software library to different hardware platforms.

In your new role you will:

- Be part of a **development team** and will focus mainly on the **hardware abstraction layer**, which enables the re-use of the motor control software and algorithms for multiple microcontroller families
- Coordinate the activities of an international team and **port the existing motor control software library** to different microcontroller platforms
- Work closely with our internal and external partners to **extend functionalities of hardware abstraction layer**
- Be responsible for **requirements capturing, concept and develop of the embedded software**
- Design and develop **test automation** with the support of our verification team
- **Analysis the test results** from motor testbench, identify bugs and track them from reporting to closure in our life cycle management tool

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:

- A degree in **Electrical Engineering, Computer Science** or similar qualification
- **3-5 years** of professional experience in embedded software for motor control applications, ideally experience with the arm cortex M0/M3/M4 and basic peripherals
- Basic knowledge in **motor control algorithms and power electronics**
- Worked with **state-of-the-art software development** environment like Jira, CI/CD
- You are a **proactive** team player and have an excellence problem solving abilities
- **Fluent English** communication skills – German language skills are a plus

At a glance

Location:

Job ID: **362112**

Start date: **Oct 03, 2022**

Entry level: **1-3 years**

Type: **Full time**

Contract: **Permanent**

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Talent Attraction Manager



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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.*

