



## Principal Engineer Functional Safety Automotive Microcontroller (f/m/div)\*

### Job description

Do you want to shape the future towards safe and autonomous driving cars with Infineon's most complex products? Do you live up to high quality standards and want to team up with a worldwide development team? Then this position as Principal Engineer Functional Safety Automotive Microcontroller is a great match for you! For this role we are looking for an expert with an excellent sense for automotive customer requirements regarding functional safety and cybersecurity who wants to become part of our automotive success story. With this position you will be entering our Technical Ladder: 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. This position can be filled in Munich or Langen.

In your new role you will be responsible for the following tasks:

- **Support of the architectural team** in terms of functional safety
- **Definition and refinement of safety requirements** while ensuring a lean and efficient design throughout a platform
- **Handling of 3rd party IP** within our safety argumentation
- Conduct **functional safety reviews** during the product development life cycle to **ensure compliance** with respect to the safety plans
- **Defend and explain the safety argumentation** to development teams, customers and other authorities
- **Collaborate** with project managers, development team and customers on functional safety
- **Defining the project deliveries** together with the supported project
- Be responsible for **regular reporting** to stakeholders
- **Assuring compliance** of the used methodologies to safety (**ISO 26262**) and security (**ISO 21434**)
- Open, active and **early stage communication** and escalation

### Profile

You listen actively to the customers and consider their point of view, thoughts, and ideas in order to balance the customers' requirements and the interests of Infineon. With your systematic working style you live up to high quality standards, have a good sense for costs and strive for continuous improvement.

You are best equipped for those tasks if you have:

### At a glance

Location:

Job ID: **354347**

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: **354347**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Sören Schmögner**

Talent Attraction Manager



- A **degree in Electrical Engineering, Physics** or similar with a high motivation to expand your personal scope
- At least **6 years of practical experience** in the semiconductor or automotive industry
- Detailed **knowledge about automotive standards** and proven **experience with ISO 26262, ISO21434 and IEC61508**
- Know-how in **functional safety architectures** (e.g. fail safe, fail operational, high availability)
- Knowledge of **audits, certifications, standards** and process management will be a benefit
- **Know-how in functional safety architectures** (e.g. fail safe, fail operational, high availability) is highly appreciated
- Experience in **dealing with external customers** is appreciated
- A **pro-active attitude in identifying and managing risks** as well as strong communication and presentation skills
- **Excellent English language skills**, German is desired

## 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.

**– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –**

Our semiconductors are essential for supporting the automotive megatrends: electromobility, automated driving, connectivity, and advanced security. They link the real and the digital world, driving the ever-advancing pace of automotive digitalization. Infineon **ATV** is the number one semiconductor partner in the fast-changing automotive world, based on our system knowledge and our passion for innovation and quality. [Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

### **Automotive Microcontroller: We make cars clean, safe and smart**

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive vehicle microcontroller portfolio and complements it with software. We serve automotive key applications, such as powertrain, advanced driver assist, chassis, body, instrument cluster and infotainment. We also address high-performance dependable computing, real-time domain and zone control, smart sensing and affordable artificial intelligence (AI) applications enabling the next stages of automated driving as well as higher levels of car connectivity, digitalization and security.

Being at the core of this transformation, ATV MC contributes to shape the future of mobility enabling clean, safe and smart cars. So join us to create a better future together.

[#AutomotiveMicrocontroller](#)

*\* 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.*

