



Principal Engineer System Architect Productive Software (f/m/div)*

Job description

You want to play an active role in defining the future Automotive Market? You enjoy acting as a representative for global automotive software trends and being the person of contact for various stakeholders? As a Principal Engineer System Architect Productive Software you drive innovation by leading requirements elicitation for all automotive microcontroller software products. 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.

In your new role you will:

- **Lead requirements elicitation** for all automotive microcontroller software products
- Translate customer and market software requirements into **microcontroller product features** and internal **productive software requirements**
- **Negotiate software requirements** with international customers and software suppliers
- **Negotiate software specifications** and **derive hardware features** with internal project stakeholders
- **Represent Automotive Microcontroller Business unit** in the area of productive software on automotive division level and align on productive software offerings with counterparts from other business units
- **Represent Infineon as expert in external activities** like conferences and/or standardization bodies relevant to software

Profile

We are looking for someone with a passion for the future of mobility and the ambition to work in an international team. Your relationship building skills enable you to establish successful cooperation very quickly. You inspire others for your ideas and even complex issues you can explain in a clear and convincing manner. You listen actively to the customer, consider his point of view and learn from successes and mistakes.

You are best equipped for those tasks if you have:

- A **degree in computer science, technical computer science** or related disciplines with focus on software

At a glance

Location:

Job ID: **351179**

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: **351179**

www.infineon.com/jobs

Contact

Sören Schmögner

Talent Attraction Manager



- At least **6 years of professional experience in a role as software expert** within the semiconductor, automotive, aerospace or transportation industry
- Solid experience in **requirements elicitation for productive software**
- Profound understanding of **AUTOSAR, ISO26262 and ISO21434 standards**
- Understanding of **safety/security in embedded technical systems**
- Experience with **(automotive) software suppliers** and in customer interaction
- Experience with **microcontrollers** for safety critical applications
- Ability to **facilitate between different engineering disciplines** and technical stakeholders across organizations
- **Fluent English language skills**, German language skills are a plus

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.*

