



Lead Principal Engineer Software Communication & Security Concepts (f/m/div)*

Job description

Have you heard of Infineon's ambitious masterplan to develop our next hybrid automotive microprocessor-microcontroller generation? Do you want to shape the future of smarter, safer and connected cars by solving complex technical challenges? Then we have a great opportunity for you! As a Lead Principal Engineer Software Communication & Security Concepts, you will act as a key driver in our new Platform Architecture Team to define the top-level software architecture of our novel platform. 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, Duisburg or Langen.

In your new role you will:

- Be the **leader for the definition of low layer software** with **focus on automotive high-speed communication interfaces including security aspects**
- Be the main driver for early feedback and **influence on hardware definition**
- **Take over the leadership for technical discussions** with customers and third parties in scope of high speed interfaces
- Be responsible for related **software requirements and top-level software architecture**
- Take ownership for the **definition and execution of proof of concept studies**

This job is suitable for full- and part-time.

Profile

You know not only the market trends but also have the courage and foresight to set new trends. You have already shown that you can inspire others to think beyond conventional boundaries and explore new, unexplored paths. You know exactly how important it is to implement innovations successfully and quickly. That's why you create working conditions in which ideas can grow and innovations can be implemented fast.

You are best equipped for this task if you have:

- A degree in **Computer Science, Electrical Engineering** or **Information Technology**, preferably a **PhD**

At a glance

Location: **Munich (Germany)**
Job ID: **323185**
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: **323185**
www.infineon.com/jobs

Contact

Tobias Pfundtner
Talent Attraction Manager



- At least 8 years of professional experience in the field of **automotive and embedded software engineering** and proven **ability to take leadership in your field of expertise**
- Deep technical understanding of **Automotive Networking** (ETH-CAN-FR-LIN)
- Proven work experience in **definition & development of communication stacks** including security features
- High expertise in **TSN, Routing and acceleration concepts** (like DPDK, XDP, eBPF)
- Good communication & collaboration skills in **English**

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.

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future. Efficient use of energy, environmentally-friendly mobility and security in a connected world – we solve some of the most critical challenges that our society faces while taking a conscientious approach to the use of natural resources.

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

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon **ATV** is the #1 semiconductor partner in the fast-changing automotive world, based on our system knowledge coupled with our passion for innovation and quality. We are a key driver in the ever-advancing pace of digitalization in the automotive industry.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Microcontroller

The Infineon business segment MC (Microcontroller) is strongly growing with the latest TriCore Microcontroller generation AURIX, offering the latest innovation in performance, connectivity, power consumption, safety, and security. Furthermore, the key application segments are targeting segments with high innovation potential and highest market growth such as Advanced driver Assistant systems. As part of the automotive business unit, the focus of MC is on the requirements of the automotive market from motorcycle to truck applications.

#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.*

