



## Principal Engineer Software Concepts for Boot & Memory Driver (f/m/div)\*

### Job description

Do you want to shape the future of smarter, safer and connected cars by solving complex technical challenges? You want to work with state-of-the-art products and build up something big? Then we have good news for you. Take your chance and apply now! As Principal Engineer Software Concepts for Boot & Memory Driver, you will be the technical leader in your team for all topics dealing with Boot, Secure Boot or connection to external memories. With this position you will be entering our „technical ladder”: our career path for experts. You will be able to focus deeply on technology – while further pursuing your career. As you continually expand your expert knowledge, puzzle over matters and solve problems, you will position yourself as a thought leader – thus helping our products improve our world a bit more each day.

In your new role you will:

- Define the **software boot & external memory driver concepts** for the new embedded platform with hardware accelerators
- Provide **early feedback** and **influence the platform definition**
- Take **ownership for the definition and execution of proof of concepts**
- Be responsible for the **definition of related software requirements** and the **top-level software architecture**
- Lead and conduct **technical benchmarking activities**
- Engage in **technical discussions** with customers and partners with **focus on software boot & external memory driver concepts**

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

### Profile

You know the market trends and have the courage to develop unusual and creative ideas. You also encourage others to think beyond known boundaries and to go new, unknown ways. You know how important it is to successfully and quickly implement innovations.

You are best equipped for this task if you have:

- A degree in technical studies like **Computer Science, Electrical Engineering** or **Information Technology**, preferably a **PhD**
- Many years of **relevant professional experience** in the field of **automotive and embedded software engineering** with **focus on software boot & external memory driver concepts**

### At a glance

Location: **Munich (Germany)**  
Job ID: **331113**  
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: **331113**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Tobias Pfundtner**  
Talent Attraction Manager



- Expertise on **automotive safety & security aspects**
- Profound **knowledge with different CPU cores** like ARM, ARC, RISC-V, Tricore, etc.
- Proven **ability to take leadership** in your field of expertise
- 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.

### Microcontroller

The Infineon business segment MC (Microcontroller) is strongly growing with latest TriCore Microcontroller generation AURIX, offering 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 motor cycle to truck applications. **#AutomotiveMicrocontroller**

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

*\* 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.*

