



## Director Platform Architecture for Automotive Microcontroller (f/m/div)\*

### Job description

Have you heard of Infineon's ambitious plan to develop our next automotive microcontroller product generation? Do you want to shape the future of smarter, safer and connected cars by leading a team of architects? Then we have a great opportunity for you! As a Director for Platform Architecture, you will lead an expert team to define competitive solutions in the areas of dependability, power, and design platform. With your open-mind mentality you will pro-actively drive innovation in the area of microcontroller platforms based on your profound understanding of future product needs and industry trends. With this position you will be entering our Management Career and be part of the leadership in our Platform Architecture and Innovation Department of the Microcontroller Business Line.

In your new role you will:

- **Own and drive the dependability, safety and security concept** for all automotive microcontroller platforms by leading a team of experts and collaborating with the product development organization and central functions. You are responsible with your team to **balance the safety and security measures** wrt. **implementation effort, standard compliance and KPI impact**
- Be responsible for **driving best in class power-performance KPIs** for all product platforms. With your power experts you will develop a **competitive power saving concept**, ensure **low standby power as differentiating feature for electrical cars**, own the power architecture and the platform power supply concept. To ensure a holistic power concept across our value chain, you are responsible for the **power estimation and simulation methodology** and proposing the appropriate methodologies
- Closely cooperate with your team and **define the requirements for the design platform**, including the design system, DfX and memory concepts. In this area you cooperate with central departments, the internal/external foundation IP providers and notably the design and implementation teams. Here, the ownership also includes to **drive the appropriate methodologies** in cooperation with the development organization
- **Contribute to the definition of scalable architecture solutions** for our next product generations in collaboration with the **platform architecture leadership team** as well as support department management on R&D cost control and resource management
- **Define and conduct feasibility studies for architectural explorations** and evaluate solutions wrt. impact on cost, performance and power
- **Target and drive an efficient implementation** of the proposed SoC architecture solution

### At a glance

Location: **Munich (Germany)**  
Job ID: **355560**  
Start date: **Sep 01, 2022**  
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: **355560**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Nadine Patriarca Roth**  
Talent Attraction Manager



# Profile

You inspire others for your ideas explaining even complex technical topics in a clear and convincing manner on appropriate abstraction level. Do you treat your employees as individuals and encourage them for top performance while creating an environment that offers sufficient space for people to express their personalities and competences? Furthermore, you accept responsibility and accountability for decisions, and you are open to new challenges without knowing the right path to a solution in advance. If that sounds like you, then you should join our team!

You are best equipped for this task if you have:

- A degree in **Electrical Engineering, Computer Science, Physics** or a related field
- At least **10+ years of experience** in the **development of complex embedded SoCs**, microcontrollers or microprocessors, in a leading role (such as **team leader** or **project leader**)
- A rich hands-on experience in at least two of the three areas: **dependability /safety/security, power** and **design platforms**
- A **comprehensive understanding** of the actual **R&D trends in SoC development for embedded applications**, the **3rd party IP ecosystem**, and state-of-the-art **development flows and methodologies**
- Professional **people management skills** since you are **used to lead technical teams** composed of experienced experts and younger talents in cross-functional and multi-cultural environments
- Experience in **guiding Senior R&D and Product Line Management**, e.g. wrt. **strategic direction settings** and **trade-off decisions**
- The passion of **building up a high-performance team** and developing your team members
- **Functional Safety and Security experience** is a plus (e.g. experience with development according to ISO26262 or IEC61508 and ISO21434)
- **Fluent English** communication skills

## 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.**

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.*

