



## Principal Engineer System and Concept Engineering Radar (f/m/div)\*

### Job description

Do you want to participate in the exciting technological evolution of automotive electronics and autonomous driving? Are you enthusiastic about driving innovation for new features and products in the field of Radio Frequency? If yes, seize the chance and join our team as Principal Engineer System and Concept Engineering Radar (f/m/div)\* in Linz. If you are additionally looking for an open-minded, collaborative corporate and team culture, Infineon is the place to be. Don't hesitate and apply now!

In your new role you will:

- **Be responsible for chip-level control architecture and concepts** including safety aspects for Radar products
  - Customer control interface (programming model)
  - Hard real-time control concepts in hardware and software
  - Hardware/software partitioning
  - Firmware-based control aspects
- **Work closely with the Radar product architect and own all control-related aspects** of the product
- **Work with the product definition team to define product requirements**
- **Be responsible for the definition of software and hardware requirements** based on product requirements
- **Act as a link between product definition and hardware/software design**
- **Participate and support in safety analyses**
- **Contribute to next generation improvements and predevelopment activities**

### Profile

You are best equipped for this task if you have:

- **A degree from a university or university of applied sciences in Electrical Engineering**, PhD is a plus
- **Minimum of 3 years work experience in hardware/software interfaces**
- **At least 3 years of experience in software/firmware architecture and implementation** as well as **hardware architecture and design**
- **Knowledge of industry-standard digital interfaces** (e.g. SPI, I2C, CSI-2)

### At a glance

Location: **Munich (Germany), Linz (Austria)**  
Job ID: **334299**  
Start date: **Sep 01, 2022**  
Entry level: **3-5 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: **334299**  
[www.infineon.com/jobs](https://www.infineon.com/jobs)

### Contact

**Carmen Wernle**  
Talent Attraction Manager



- **Solid experience with ISO 26262 and ISO/SAE 21434 and Radar applications**
- **Skills with signal processing and system modeling** are beneficial
- **Fluent English skills** with German as a plus

You demonstrate strong communication skills and know how to establish lasting relationships and networks. You are focused yet open for inputs from team members. This enables you to find good solutions in a reasonable time.

This position is subject to the collective agreement for workers and employees in the electrical and electronics industry, employment group I (<https://www.feei.at/wp-content/uploads/2022/05/minimum-salaries-white-collar-workers-2022.pdf>). A higher payment is negotiable depending on your expertise and 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
- **Linz:** 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 social counselling and works doctor; Health promotion programs; Private insurance offers; Wage payment in case of sick leave; Corporate pension benefits; Flexible transition into retirement; Performance bonus; Accessibility, 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 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.

### About Infineon in Linz

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon Automotive (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. At our location in Linz we are focusing on high-frequency integrated switching circuits for automotive applications using state-of-the-art Bipolar/RF-CMOS semiconductor technologies as well as on complex mixed signal ICs that are used in high frequency radar applications (77/79 GHz). Automotive (ATV) shapes the future of mobility with micro-electronics enabling clean, safe and smart cars.

**Linz** is the third-largest city of Austria located approximately 30 kilometers (19 miles) south of the Czech border. It represents a symbiosis of industry, culture and nature - surrounded by stunning landscapes. As UNESCO City of Media Arts, Linz is also one of the world's most future-orientated locations together with Lyon, Sapporo, Tel Aviv and Dakar. Austria's social and health care system is among the best in the world and for decades numerous international surveys have singled out the country as a particularly safe and wealthy country with a high quality of life.

**Find out what you like most about Linz/Upper Austria and join us:**

<http://www.come2upperaustria.com/>

**„Short Movie Infineon Technologies Linz“:**

<https://videoportal.infineon.com/videos/play/b6fed583-93fc-4d99-bb25-e8a19ac29ba1/16AFAB40-A4BE-462B-BAAD-1D264BD17777>

**"Welcome to Upper Austria"**

[https://youtu.be/a8\\_sL47-2Jo](https://youtu.be/a8_sL47-2Jo)

[https://youtu.be/dyzmNx\\_UUP0](https://youtu.be/dyzmNx_UUP0)

*\* 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.*

