



## Staff Engineer Radar Concept (f/m/div)\*

### Job description

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. If you want to create the future get part of our Radar Concept Team.

In your new role you will be responsible for:

- **77 GHz automotive radar transceiver system definition**
- **Evaluation of RX/TX-architectures in cooperation with circuit designers** (RF, analog, digital)
- **RF/Mixed-Signal/ digital level planning**
- **Definition of requirements for RF analog/digital circuit blocks** (e.g., Phase Shifter, PA, LNA, ADC, digital filters) and **behavioral modelling** (e.g., Matlab) of **transceiver sub-systems**
- **Requirement management, documentation and functional safety aspects** throughout the **development process** and **review of results**
- **Strong interaction with architects, application engineering and circuit design**

### Profile

You are best equipped for this task if you have:

- **A degree in Electrical Engineering, Telecommunications, or similar; PhD is a plus**
- **Knowledge in FMCW radar modulation technique** is preferred,
- **Solid background in RX/TX architectures for monolithic integration**
- **Experience in behavioral modeling and equivalent baseband representation**
- The **talent to solve problems** in a structured and systematic fashion
- **MATLAB skills**
- **Team player skills** in a **multi-site** and **diverse environment**
- **Fluent English skills**

We offer competitive salaries and additional benefits based on your performance, experience and qualification. The employment is in accordance with the collective salary and wage agreement for employees of the electrical and electronics industry, employment group F-G (<https://www.feei.at/wp-content/uploads/2022/05/minimum-salaries-white-collar-workers-2022.pdf>). The monthly salary is paid 14 times p.a. We offer a higher compensation depending on your expertise and skills.

### Why Us

### At a glance

Location:

Job ID: **356904**

Start date: **Oct 01, 2022**

Entry level: **1-3 years**

Type: **Full time**

Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **356904**

[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

Christine Felsberger



## 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.

### 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://videportal.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.*

