



## Staff Engineer Firmware Design (f/m/div)\*

### Job description

As an open and communicative person, you are looking for a new challenge in developing future automotive sensor applications. This is your chance to become part of a team of highly trained firmware and hardware developers. Don't hesitate and apply now!

You'll be part of a team of highly trained firmware and hardware developers situated in Villach. Your focus will be on embedded firmware design and implementation for automotive sensor products, in close cooperation especially with concept and digital hardware development engineers.

In your new role you will:

- Be responsible for the **design, implementation & unit verification of embedded firmware** using virtual prototype
- **Participate** in requirement capturing, architecture definition, design implementation, code and document work product reviews
- **Cooperate inter-team** (hardware, firmware and verification) for **debugging** and **analyzing the problems** related to the assigned functional area
- **Participate in functional safety related activities** such as HAZOP, control flow and data flow analysis
- **Identify opportunities and support implementation** for the efficient development flow including Continuous Integration by Jenkins
- **Implement the suitable development processes** (e.g. ISO26262, ASPICE) in her/his area of responsibility

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.

### Profile

You are best equipped for this task if you have:

- Finished a **degree** from a **university**/university of applied sciences in **E lectronics Engineering/Computer Science** or equivalent.
- Work **experience** of **3-5 years** in **development** and **verification of embedded system** especially embedded Software and/or Firmware
- Proficient **know-how** in **C/C++** and **scripting languages**

### At a glance

Location: **Villach (Austria)**  
Job ID: **351460**  
Start date: **as soon as possible**  
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: **351460**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)

### Contact

**Martin Gabernig**  
Talent Attraction Manager



- **Experience** in **embedded firmware design** and **optimization**
- **Familiarity with working in an agile environment** as well as with modern configuration management tools such as Bitbucket, Jira, and Confluence
- **Understanding of C-compiler environment, linker scripts, build process & continuous integration**
- Working level **knowledge of ISO26262 and ASPICE**
- Basic knowledge of **System Verilog and RTL simulation** as a plus
- The ability to communicate fluent in **English**, German would be an **advantage**

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 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.

## Benefits

- **Villach:** 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; Child care in Villach & Klagenfurt; On-site social counselling and works doctor; Health promotion programs; On-site canteen; 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.**

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**.

At **Infineon in Villach** you shape the technologies of tomorrow and work in an international environment with more than 3700 colleagues from over 65 nations. Your personal contribution will be valued and appreciated as the cornerstones of our success. And all that in beautiful surroundings which guarantee a high quality of life.

The **City of Villach** is located in the center of Carinthia, Austria's southernmost province, in close proximity to the Italian and Slovenian border. Living in Austria has many social, health-care-related and economic perks. The country's social and health care system is among the best in the world and for decades numerous international surveys have singled out Austria as a particularly safe and wealthy country with a high quality of life. Villach itself benefits from its status as a "small town", offering everyday living at affordable prices in an outstanding setting.



Find out what you like most about Villach and join us:  
<https://www.welcome2villach.at/>

*\* 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.*

