



Concept Engineer Automotive Microcontroller (f/m /div)*

Job description

You are a passionate about electronics? To strengthen our team we are looking for a Concept Engineer Automotive Microcontroller (f/m/div*) who will be part of our international team.

In your new role you will:

- **Define the architecture of the next generation Data Acquisition system**, including **state-of-the art converter architectures** as well as **high resolution PWM** and **design for testing**
- **Transfer** product relevant **application requirements** to **Hardware Requirements** and **Hardware Architecture** with **focus on global optimum for customer** and **converter system**
- **Actively participate** in **IP roadmap strategy development** for optimized (time to market, area, cost, family concept, scalable approach) **SoC implementation**
- **Drive** together with the platform architects a **strategy which enables a family concept by modular & scalable approach**
- Be the **interface** to our **Platform architect team** and **drive active knowledge transfer** to the product design team
- Foster **good relationship** to **technical marketing** as well as to the **customer** and **incorporate needed requirements** into your work
- **Own** and **create technical documentation** in order to **provide the requested Hardware Architectural descriptions** and documents to **guarantee the ISO26262 compliance**.

Profile

You are best equipped for this task if you have:

- **A university / university of applied sciences degree** in **Electrical Engineering** or comparable
- At least **5 years** of **relevant work** and **project experience** in **Data Acquisition Systems** and **analog/mixed-signal circuitries**
- **Good Knowledge** in **state-of-the art Converter technologies**
- **Knowledge** in **Chip Integration, packaging and assembly** (e.g. crosstalk and interference)
- **Strong knowledge** of **system level concept** and **architecture**
- **Team player abilities** and the readiness for **technical leadership**

At a glance

Location:

Job ID: **354817**

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: **354817**
www.infineon.com/jobs

Contact

Christine Felsberger



- **Joy of** working with **international** and **multi-cultural teams**
- **Excellent English skills** with German skills as a plus

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-H (<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.

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

About Infineon Villach

The City of **Villach** is located in the center of Carinthia, Austria's southernmost province, in close proximity to the Italian and Slovenian border. Due to its particular geographic location and the outstanding natural beauty of the region, Villach and the whole province of Carinthia have for generations been popular holiday destinations for people from all over the world. Its unique landscape combines mountains and valleys, lakes and rivers, city and countryside. In addition to the favorable geographic location, living



in Austria also 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 benefits from its status as a "small town," offering everyday living at affordable prices in an outstanding setting. So it's no surprise that the city on the Drau is considered the "home of work-life balance".

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.*

