



Test Development Engineer for Microcontroller Mixed Signal IPs (f/m/div)*

Job description

You are searching for a new challenge and are open for an international adventure? You like to drive innovation through your technical and personal contribution? This is your chance! Join Infineon and enrich our team with your technical skills.

In your new role you will:

- **Develop state of the art test methodologies for SoC design** (using on-chip test resources and concurrent testing)
- **Define test cases and test concepts** in close cooperation with concept engineers, design engineers and lab verification engineers
- **Develop and specify automated test programs for analog and mixed-signal circuits** for automotive microcontrollers
- Focus your **development on AD/DA converters, Power Management Systems, clock generation and High speed interfaces**
- Use **automatic test equipment (ATEs)** preferable Advantest V93K

As our new test development engineer for mixed-signal automotive microcontrollers, you are part of a solid, highly professional engineering team. You guarantee that the customers' needs regarding quality and functionality are met. Hence, you have a high impact on Infineon's perception on the market and its technological development.

During an individual training phase, we prepare you optimally for your new tasks. With regular feedback discussions and planning of your professional and personal development, we want to ensure your success in this job. In our international and multidisciplinary environment, you can also profit from the massive knowledge and expertise that Infineon has developed in the field of automotive microcontrollers.

Profile

You are best equipped for this task if you have:

- **A university / university of applied sciences degree in Electrical and Electronic Engineering**, Microelectronic or comparable
- **1-3 years of experience** in semiconductor mixed signal test development
- **A solid background in IC measurement** - not only in the lab but also on ATE platforms (preferable Advantest V93K)
- **A basic knowledge of analog and mixed signal circuits**

At a glance

Location: **Villach (Austria)**
Job ID: **346902**
Start date: **as soon as possible**
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:

Job ID: **346902**
www.infineon.com/jobs

Contact

Carmen Wernle
Talent Attraction Manager



- **Knowledge in microcontroller and embedded systems programming** as well as profound experience in Unix/Linux and C++ / object oriented programming
- **Fluent English skills**, German skills is a plus

You are committed to customers concerns and grant them high priority. You remain focused on solutions, are open-minded and flexible even if under pressure, exhibit and promote awareness for quality in your area of work and share information comprehensively and effectively.

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 E-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.

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.

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.*

