



Application Engineer Automotive Microcontroller Embedded Development / Demo Kit Radar (f/m/div)

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Job description

You love technology and working on new products with customers? You enjoy being innovative and you like to actively form the next generation of automotive applications? You want to technically promote and design-in our products with our customers and help them to solve their problems during system development? Then become a member of a highly specialized application engineering team enabling customers using Infineon's automotive microcontrollers for different radar applications. As Application Engineer, you will work with colleagues and customers on developing their latest innovations based on the AURIX microcontroller. You will deal with hardware as well as software aspects. We are looking for you to contribute to a rapidly changing world of electromobility. Don't miss this opportunity! The Technical Ladder is a special career path for those who share innovative ideas, demonstrate comprehensive technical knowledge, show thought leadership, possess problem solving abilities and are able to create business value.

In your new role you will:

- Become a **member of a highly specialized application engineering team** enabling customers using **Infineon's automotive microcontrollers** for different **radar applications**
- Be responsible for the **development of demonstrator kits and evaluation boards** in the area of radar and autonomous driving
- Take over **technical leadership** enabling our customer's radar applications of our complex microcontroller products and **give technical direction** to **in house engineering teams, first level support engineers (FAE) and customer technical teams**
- **Conduct trainings and workshops** in your area of technical expertise for Field Application Engineers or customers around the world
- **Support design-in at our customers** with detailed product expertise of Infineon's 32bit microcontrollers
- **Conduct development and feasibility studies** on embedded radar signal processing applications
- **Provide documentation, application notes and demo software** including software and drivers
- **Replicate customer issues** found in software and hardware to solve and fix them by providing **interim solutions** to keep our customers' application development ongoing
- **Collaborate and share your knowledge with R&D**

At a glance

Location:

Job ID: **343263**

Start date: **as soon as possible**

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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: **343263**
www.infineon.com/jobs

Contact

Dagny Alexa Romeike

Talent Attraction Manager



Profile

You listen actively to the customers and consider their point of view, thoughts and ideas in order to balance the customer's requirements and the interests of Infineon. Moreover, you are looking for an active conversation within the community of field application engineers and the R&D teams cooperating as a team player. You are also interested in new applications in the automotive market and share your knowledge and experience within the team.

You are best equipped for this task if you have:

- Have a degree in **Electrical Engineering, Information Technology, Computer Science** or similar, ideally with a **focus on digital signal processing** aspects
- Have **several years of experience in embedded development**
- **Know about (automotive) microcontrollers** and its **programming** and **debugging**
- Having **in-depth knowledge about automotive radar** and its different flavors (FMCW, PMCW, etc.) as well as **algorithmic knowledge** in the area of **radar pre- and post-processing** is a plus
- Enjoy working in a **highly motivated team**
- Actively **drive complex problems to a solution**
- **Like to train others** and **write publications**
- **Enjoy travelling** for work at least once in a while
- Get your messages across in **fluent English**, German is a plus

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 micro-electronics enabling clean, safe and smart cars** –

Semiconductors are essential to realize key trends like eMobility, automated driving and secure, connected cars. Infineon **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.

[Click here](#) for more information about working at ATV with interesting employee and management insights and an overview with more #ATVDreamJobs.

Microcontroller

The Infineon business segment **MC** (Microcontroller) is strongly growing with latest TriCore Microcontroller generation AURIX, offering latest innovation in performance, connectivity, power consumption, safety and security. Furthermore, the key application segments are targeting segments with high innovation potential and highest market growth such as Advanced Driver Assistant Systems. As part of the automotive business unit the focus of MC is on the requirements of the automotive market from motor cycle to truck applications. # **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.*

