

Driving decarbonization and digitalization. Together.



Senior Staff Product Application Engineer for Communication of Automotive Microcontroller (f/m/div)

Job description

Join our dynamic team as a Product Application Engineer specializing in cutting-edge communication interfaces for automotive microcontrollers. In this role, you will leverage your expertise in implementing and enhancing state-of-the-art Ethernet communication within our microcontrollers, with the potential to apply your knowledge in CAN or FlexRay. Your responsibilities will include supporting design-in processes at customer sites, providing comprehensive product insights, and serving as a pivotal technical resource within our communication cluster. Furthermore, you will guide in-house R&D initiatives, collaborate with cross-functional teams, and contribute to the development of innovative automotive solutions. With this position, you will enter our "Technical Ladder" career path. 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 specialized application engineering team** for enabling latest automotive microcontroller communication interfaces ideally with focus on Ethernet. Experience with other communication technologies like CAN-FD/XL, Flexray would be a plus.
- **Support design-in at our customers** with detailed product expertise of Infineon's 32bit AURIX microcontrollers
- Act as **third level customer support within our communication cluster** of our complex microcontroller products
- Give **technical direction** to in-house R&D as "voice of the customer" to improve product and technical documentation
- **Collaborate and share your knowledge** with R&D, Validation, Verification and Production Test teams
- Review and release **technical documentation** in cooperation with global teams
- Conduct **feasibility, benchmarking and development studies** for embedded automotive solutions, covering concept studies, software requirements and hardware aspects
- Perform **lab testing on system level** to **debug communication** related customer problems, validate their concepts and develop basic examples to showcase features of our solutions
- **Develop and conduct trainings and workshops** in your area of technical expertise for Field Application Engineers or customers

At a glance

Location:
Job ID: **HRC0745281**
Start date: **Jun 01, 2024**
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: **HRC0745281**
www.infineon.com/jobs

Contact

Daniel Lichtblau
Senior Specialist Recruiting



Profile

Taking new challenges without knowing the right path to an eventual solution in advance is not a problem for you. Respecting different attitudes and points of view and using the creative potential they offer reflects your mindset. If you inspire others for your ideas and are able to explain complex issues in a clear and convincing manner, then you should join our team!

You are best equipped for this task if you have:

- **A degree in Electrical Engineering, Physics, Information Technology, Computer Science** or similar field
- **At least 5+ years of professional experience** related to embedded projects with experience in Communication in embedded microcontrollers
- **Ability in guiding complex problems to a solution** by technically advising teams and consolidating their deliveries
- **Experience in dealing with customers** and working as interface between internal R&D and external partners
- **Know how about AURIX, AUTOSAR and low-level software drivers** for microcontrollers and their peripherals
- **Advanced skills in C/C++ programming and also in other languages** like Python, being able to debug customer software
- **Joy in travelling for work** at least once in a while
- **Fluent English skills**, German would be desired

Why Us

Driving decarbonization and digitalization. Together.

Infineon designs, develops, manufactures, and markets a broad range of semiconductors and semiconductor-based solutions, focusing on key markets in the automotive, industrial, and consumer sectors. Its products range from standard components to special components for digital, analog, and mixed-signal applications to customer-specific solutions together with the appropriate software.

Automotive Microcontroller: We make green mobility smart

As a leading automotive microcontroller vendor, the Infineon business line **Automotive Microcontroller** (ATV MC) offers the industry's most comprehensive microcontroller and software portfolio. The three major product families, AURIX, TRAVEO and PSoC, provide the newest innovation in performance, connectivity, power consumption, safety and security.

We enable the latest advancements in the dynamic automotive market, such as vehicle electrification, automated driving and driver information & interaction. Being at the core of transformation, we pave the way for new technologies, such as artificial intelligence and dependable computing, as well as higher levels of connectivity, security and user experience. So, join us to create a better future together.

#AutomotiveMicrocontroller

We are on a journey to create the best Infineon for everyone.

This means we embrace diversity and inclusion and welcome everyone for who they are. At Infineon, we offer a working environment characterized by trust, openness, respect and tolerance and are committed to give all applicants and employees equal opportunities. We base our recruiting decisions on the applicant's experience and skills.

We look forward to receiving your resume, even if you do not entirely meet all the requirements of the job posting.

Please let your recruiter know if they need to pay special attention to something in order to enable your participation in the interview process.

[Click here](#) for more information about Diversity & Inclusion at Infineon.

