



## MCU Field Application Engineer

### Job description

Infineon Korea is looking forward to working with a passionate and bright talent in the position of MCU Field Application Engineer.

In your new role you will:

- Be the first level technical contact for key automotive customers in the field of AURIX microcontroller
- Proactively work on well-optimized solutions for customer applications
- Develop and implement automotive applications related with xEV (e.g. BMS, OBC or inverter)
- Be responsible for capturing customer requirement and be the interface between customers and HQ R&D development teams.
- Prepare customer presentations and product / application trainings
- Write technical application notes and technical papers

### Profile

You are best equipped for this task if you have:

- Degree in Electrical/Electronic Engineering, Control Engineering, Power Electronics or a related technical field
- At least three years of microcontroller application development (automotive application preferred)
- Experiences on embedded system software development in C and assembly languages
- Understanding on embedded real-time OS or AUTOSAR platform
- Preferred to have understanding on power conversion and motor control applications
- Basic knowledge about automotive communication interfaces and stacks (e.g CAN, SPI, LIN, Ethernet)
- Intermediate English communication skills

### Benefits

- **Seoul:** 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

### At a glance

Location: **Seoul (Korea)**  
Job ID: **348771**  
Start date: **Jul 01, 2022**  
Entry level: **3-5 years**  
Type: **Full time**  
Contract: **Permanent**

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leave); Medical Coverage; Health promotion programs; On-site canteen; Wage payment in case of sick leave; Corporate pension benefits; Performance bonus

## 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 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](#)

