Driving decarbonization and digitalization. Together.

Field Application Engineer for MCU

Job description

Infineon Korea is looking forward to working with a young and passionate talent, specialized in the microcontroller product for automotive at Seoul.

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, converter 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:

- Bachelor's degree in Electrical/Electronic Engineering, Control Engineering, Power Electronics or a related technical field
- Preferred to have at least 2 years of microcontroller application development
- 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

At a glance

Location:	
Job ID:	**HRC0676422**
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. Alternatively, you can also scan the QR code with your smartphone:

Job ID: HRC0676422
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conditions; Home office options; Part-time work possible (also during parental leave); Medical Coverage; Health promotion programs; On-site canteen; Wage payment in case of sick leave; Corporate pension benefits; Performance bonus

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.

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.
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.

– Automotive (ATV) shapes the future of mobility with microelectronics enabling clean, safe, and smart cars –

The ATV division is shaping the future of mobility by enabling clean, safe, and smart cars. Its product and solution offering is powering the decarbonization and digitalization of vehicles. By driving the transition to hybrid and purely electric vehicles, ATV is making a valuable contribution to cleaner roads. ATV is also increasingly digitalizing cockpit, infotainment, comfort, and lighting applications as it takes automated driving to the next stage with higher levels of connectivity, security, and safety.

The ATV portfolio integrates sensors, microcontrollers, high-performance memories for specific applications, power semiconductors based on silicon and silicon carbide, as well as components for human-machine interaction and vehicle connectivity. Infineon is the world leader in automotive semiconductors.