



Embedded Hardware Engineer

Job description

We are looking for an Embedded Hardware Engineer to work on MCU new product development for Infineon Technology's automotive microcontroller division! Our product portfolio includes automotive-grade human-machine interface devices, body controllers, power management systems for EVs, and more.

In your new role you will:

- Grow to become proficient in all aspects of IC/system level testing, characterization, qualification and semiconductor hardware/firmware development. This is a fantastic opportunity to develop and gain experience in the field of automotive semiconductors and systems.
- Driving debug efforts on **next gen ICs** with a cross-functional team of design, test, manufacturing, and applications engineers
- Determining root cause of qualification or field failures
- Assisting manufacturing with quality issues
- Developing tests and firmware for device characterization and qualification

Profile

You are best equipped for this task if you have:

- Between 0 and 6 years of experience in the field of electrical engineering
- Experience with programming (**C/C++, Python, C-sharp**)
- Strong problem solving skills
- A quality focus
- The ability to collect, interpret, and present data.
- Experience with embedded systems preferred, but not required.

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.

At a glance

Location: **Lynnwood, WA (United States)**
Job ID: **337605**
Start date: **as soon as possible**
Entry level: **3-5 years**
Type: **Full time**
Contract: **Permanent**

Apply to this position online by following the URL and entering the Job ID in our job search:

Job ID: **337605**
www.infineon.com/jobs



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

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.

Cypress Semiconductor Corporation is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), gender identity, national origin, ancestry, citizenship, age, physical or mental disability, legally protected medical condition, family care status, military or veteran status, marital status, domestic partner status, sexual orientation, or any other basis protected by local, state, or federal laws. Applicants with questions about access or requiring a reasonable accommodation for any part of the application or hiring process should contact the Talent Network by phone at (408) 503-2194.

Employment at Infineon is contingent upon proof of your legal right to work in the United States under applicable law, verification of satisfactory references and successful completion of a background check and drug test, and signing all your onboarding documents .

In some instances, if applicable, U.S. export control laws require that Infineon obtain a U.S. government export license prior to releasing technologies to certain persons. This offer is contingent upon Infineon's ability to satisfy these export control laws as related to your employment and anticipated job activities. The decision whether or not to submit and/or pursue an export license to satisfy this contingency, if applicable, shall be at Infineon's sole discretion.

IMPORTANT NOTICE :

Infineon is requiring all new U.S. employees and contractors to be fully vaccinated against COVID-19. Full vaccination is defined as two weeks after both doses of a two-dose vaccine or two weeks since a single-dose vaccine has been administered. Anyone unable to be vaccinated, either because of a sincerely held religious belief or a medical condition or disability that prevents them from being vaccinated, can request a reasonable accommodation.

Infineon Technologies takes data privacy and identity theft very seriously. As such, we do not request personally-identifiable information (PII) from applicants over the internet or electronically. Please kindly refrain from disclosing your PII electronically during the application process or to unauthorized websites that may purport to be Infineon or any of our affiliates.

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