# Driving decarbonization and digitalization. Together.

# Firmware Engineer

## Job description

Do you have a strong interest in the automotive industry? Infineon is the leading supplier in this sector, and we are currently developing cutting-edge software solutions in Lviv that will impact our daily lives every time we enter a vehicle. We are seeking a skilled Firmware Engineer to join our team and contribute to these exciting projects. Don't miss out on the opportunity to be part of this incredible team - apply now!

In this role, you're participating in embedded FW development (highly reliable safe and secure firmware located in SROM for boot and configuration of MCU) from the definition to the final release for integration in Automotive microcontrollers. You will participate in the development of detailed architecture, product, safety and cybersecurity requirements, and detailed design to meet Automotive level quality of boot firmware at an efficient cost.
In your new role you will:

- Be responsible for the **development of software requirements**;
- Participate in the **definition/development of architecture components** and detailed design;
- **Develop embedded FW code** and **unit verification tests**;
- **Design activities** according to **Auto SPICE V-model**;
- **Communicate** with different **internal and external project partners**;
- **Contribute to the quality of design work products** by reviews and approvals;
- Drive **continuous improvement of quality** and **cost reduction**.

## Profile

You are a skilled firmware developer who is passionate about embedded systems. You have experience handling multiple tasks at once and are skilled in proactive thinking. You understand the importance of delivering quality results within the given timeframe. You communicate honestly with people outside your organization and feel comfortable discussing ideas and issues with them.
You are best equipped for this job if you have:

- A university degree in **Computer science, Microelectronics** or similar fields of study;
- **At least 3 years of experience** in **embedded software** engineering;
- Expertise in **Embedded C**;
- Knowledge of **MCU architecture/operation** (interrupts, bootloaders, IPCetc.) and **communication peripherals** (CAN, LIN, SPI etc.);
- Knowledge of **ARM cortex architecture** would be a plus;

## At a glance

| | |
|---|---|
| Location: | **Lviv (Ukraine)** |
| Job ID: | **100323** |
| Start date: | **as soon as possible** |
| Entry level: | **3-5 years** |
| Type: | **Full time** |
| Contract: | **Temporary** |

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: **100323**
www.infineon.com/jobs

## Contact

**Rita Varandas**
Recruiter

- Knowledge of **development of firmware architecture and design;**
- Knowledge of **Cortex M Assembler** (or at least knowledge of 8051Assembler) would be a plus;
- Knowledge of Auto SPICE, cybersecurity concepts, and functional safety for embedded systems would be a plus;
- Debug issues including a mixture of silicon hardware and firmware problems;
- Fluent in **English**.

**Please send us your CV in English.**
**Note:** This is a temporary 2 years contract with the possibility of staying afterwards.

## 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.
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.