

# Driving decarbonization and digitalization. Together.



## Senior 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!

You will be participating in embedded firmware development (highly reliable secure firmware located in SROM for boot and configuration of MCU) from the definition to the final release for integration in Automotive microcontrollers.

Also, you will be participating in the development of requirements, design, and technical communication towards management, customers and between cross-functional partners to meet Automotive level quality of boot firmware with an efficient cost.

In your new role you will:

- Be responsible for **development of product and cybersecurity requirements**;
- Drive **definition/development of elements of architecture and design**;
- **Develop/debug of low-level FW code and unit verification**;
- **Design activities** according to **Auto SPICE V-model**;
- **Develop projects**-related technical documentation;
- Be **mentoring** junior engineers;
- Proactive **communicate** with different internal and external project partners;
- **Contribute to the quality of design work products** by reviews and approvals;
- The **driver of continuous improvement of quality and cost reduction**.

Please send us your CV in English.

**Note:** This is a temporary 2 years contract with the possibility of staying afterwards.

### Profile

You are a skilled designer with a fearless attitude, excellent multitasking and proactive thinking skills. You are capable of establishing processes and delivering high-quality results within established timelines. You possess excellent communication skills and can work effectively with external stakeholders. You have a process-oriented approach towards work and are always focused on improvement. Additionally, you have excellent stress management skills and can think creatively to come up with innovative solutions.

You are best equipped for this job if you have:

### At a glance

Location: **Lviv (Ukraine)**  
Job ID: **100322**  
Start date: **as soon as possible**  
Entry level: **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: **100322**  
[www.infineon.com/jobs](http://www.infineon.com/jobs)



### Contact

**Rita Varandas**  
Recruiter



- A University degree in **Computer science, Microelectronics** or similar fields of study;
- **At least 6 years of experience** in **Embedded C** software engineering;
- Knowledge of **Cortex M Assembler** (or at least knowledge of 8051Assembler);
- Experienced in **development of firmware architecture and design**;
- A very good knowledge of **MCU architecture/operation** (interrupts, bootloaders, IPC etc.) and **communication peripherals** (CAN, LIN, SPI etc.);
- Knowledge of **ARM cortex architecture** would be a plus;
- Basic knowledge of the **cryptography** and corresponding algorithms (AES, SHA-1, RSA)
- Knowledge of **cybersecurity concepts for embedded systems** would be a significant plus;
- Fluent in **English**.

## 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.

