

## Senior Hardware developer (Liège)

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Company: TMC

Location: Belgium

Category: computer-and-mathematical

Designing (circuits, schematics & PCB Layouts), implementing and improving hardware in product development projects.

Developing firmware

Conducting research and feasibility studies in market & advanced technology of product to be developed.

Defining complex hardware architectures for a product and/or a product line to be developed.

Ensuring the compliance of all hardware safety & EMC aspects in a project.

Working on RF designs and RF simulations.

Optimizing low power performances of the product designs.

Optimizing hardware bill of materials (quality, efficiency, availability, homogeneity and cost).

Finding solutions for obsolete components replacements.

Troubleshooting, analyzing and solving any technical issues in product development cycle.

Preparing project documentation and various reports.

Ensuring the technical assistance/coordination to SW/FW developers and working in close collaboration with mechanical designers for electronics integration in the products.

## **| What do we expect from you?**

Master's degree in electronics engineering or equivalent by experience

10+ years of experience in hardware development of embedded electronics products

Excellent knowledge in analog and digital electronics

Excellent knowledge in communication protocols: SPI, I2C, USB, RS232-422-485,...

Excellent knowledge in wireless connectivity (BLE, NFC, RFID, ZigBee,...) and radiofrequencies

Excellent knowledge in EMC and hardware safety aspects

Excellent knowledge in low power designs

Knowledge in embedded software development

Knowledge in C/C++/C#/Java/Python

Microsoft Office suite and SharePoint

Excellent knowledge with specific electronics design and simulation tools: Altium Designer, Vault, LTSpice

Excellent English knowledge to communicate internationally, French is a big plus

## **| What can you expect from TMC?**

TMC is an international high-tech consultancy company that brings expertise to its clients in order to support them with the realization of their technological challenges. As such, TMC operates as an expert center at the disposition of its clients, and we help them to be more competitive in an ever more global and faster-changing technological world.

At TMC we believe that people are the driving force behind technological innovation. That is why we want to create the best possible conditions for tech talents to thrive in. We offer you a challenging and stimulating work environment in which you can be the director of your own career.

As an Employeneur you are part of our TMC family. Next to our outstanding technical expertise, fun and engagement are meaningful parts of our culture.

## **| Why choose for Employeneurship?**

We are truly unique thanks to our Employeneurship model which is a true innovation for the High Technology consulting business. It is the business relationship of the 21st century for highly skilled technical professionals. It is built around 5 main pillars:

You will have a permanent employment contract, offering you stability and security

You will get to know your market value and have a share in the profit your work generates thanks to the individual profit sharing

We will support you with one-on-one coaching and training designed to help you develop your entrepreneurial skills

The competence cells structure provides you with a strong meaningful and relevant network

The entrepreneurial lab: a playground for new ideas and a potential launching for start-ups

TMC is an equal opportunity employer and values diversity. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.

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