

ELECTRONICS DESIGN ENGINEER (EMBEDDED SYSTEMS)

Are you an experienced electronics engineer specialized in design and development, a team player who is looking for a new opportunity to contribute and learn as member of a dynamic and international product development/engineering team?

Are you passionate about what you do? Do you think you have knowledge and experience to share while having the curiosity and interest to learn and develop yourself?

Do you appreciate creative freedom but also see the value in standards, processes, documentation, and communication for getting things done and helping you to unleash your full potential?

If so, we may have an interesting opportunity for you!

About the role and responsibilities

This is a role for a person with proven competencies and significant work experience in design and development of electronics for embedded systems. We are looking for broad experience rather than a narrow specialization to support our work with diverse applications and platforms.

In this role you will be a key member of a multidisciplinary embedded engineering team developing diverse new products as well as maintaining older products on a project-by-project basis. The working mode is a mix of independent and self-guided work and collaboration with team members, clients, partners, and suppliers.

Your main task is to specify, design, implement, verify and document digital and analog circuits and functions on board and device level utilizing a good working knowledge of components, materials, testing and manufacturing processes. You build and measure prototypes in lab and participate in coordinating factory builds with our manufacturing partners. You work together with mechanical engineers for electronic-mechanics integration and with software engineers for HW-SW co-development and board bring-up and verification of MCU/MPU-based systems. You participate in regulatory and standards conformance work, such as EMC and environmental testing and in design and implementation of test systems including R&D, certification, and production test systems.

Succeeding in this role requires:

- Several years of electronics design experience – this is not an entry level role.
- Proven digital and analog electronics design and verification skills.
- Good schematic and layout design skills with at least one common electronics CAD system (Altium and PADS preferred)
- Practical prototyping, testing and measurement skills
- Good understanding of electronics-software co-development, board bring-up, testing and debugging
- Sufficient understanding and knowledge of regulatory/standards compliance and certifications, NPI, manufacturing and lifecycle management
- Relevant engineering education on college or university level or equivalent theoretical background
- Analytical, systematic, problem solving-oriented approach to work

- Appreciation for quality, maintainability, processes, standards, documentation, and communication
- Capability for both independent work as well as smooth and supportive teamwork
- Good documentation and writing skills

The following are desirable:

- Software development/programming skills and experience in embedded SW development, testing and debugging
- Mechanical CAD experience, MCAD-ECAD co-design, practical mechanics skills e.g., usage of tools for prototyping
- RF knowledge and skills

About us

CVG Convergens is an ICT services company specialized in development of embedded systems, smart connected devices as well as ICT systems and processes for SME businesses. Our mission is to help our clients, our team, and the society to improve and thrive by providing reliable and sustainable solutions, services, and products by creative and efficient application of technology. We deliver our services with 26 years' experience and client oriented, analytical, and agile approach.

How we work

We are an expert organization where our team is our greatest asset. Hence our team members' well-being, personal development and performance are our top priorities. We always try to match personal preferences and circumstances to the work at hand to create flexibility as well as motivating challenges and learning opportunities. We work on project basis in small teams typically utilizing our own processes and tools and do not outplace our people to clients' organizations. We are low in bureaucracy, transparent in decision making and flexible to agree about any practical matters that help our people to succeed in their roles. We are committed to run a sound long-term business and to systematically invest in growth and continuous improvement.

What do we have to offer

Our primary offer is meaningful and interesting work with competent and nice colleagues. Our clients are world class in their own respective industries and our projects varying by applications and technologies used. With us you will not feel like a cog in the machine - on the contrary, your role is essentially important to us, and your voice is heard. You will also have an opportunity to develop your role in the growing organization and a fair chance to improve how things are done. This role has several possible development paths including senior specialist, system architecture, team leading or project/product management that you can consider based on your interest. Our compensation model is fair and comparable with others in the industry.

How to apply

If you want to apply directly, please send your CV and a freeform application letter by 30.4. to careers@cvg.fi. We are reviewing applications continuously and will get back to you shortly. We will fill the role as soon as we find a matching candidate.

If you have questions or would like to discuss before applying, please contact our Head of Embedded Systems Services Juri Sipilä by phone 050 540 9128 or email juri.sipila@cvg.fi or Head of People Juho Junkkari by phone 050 4654161 or email juho.junkkari@cvg.fi. It is in our common interest to find the perfect fit.

Do you think you might want to work with us, but this position is not exactly what you are looking for? Great! You can contact us to discuss anytime or submit us an open application to present your idea. We are looking forward to your contact.