



## Join our Team!

duagon, a rapidly expanding Swiss technology company, is a leading supplier for communication, computing and control technology as well as project planning and development services for system critical applications in the rail, medical and critical automation market. The superior software and hardware IP create innovative, highly reliable and safe products, enabling customers to shape and realize their technology roadmap.

At our site in **Dietikon**, the focus is on research and development of all aspects of communication and control of trains and other means of transport.

For our location in Dietikon we are looking for:

## Senior Hardware Engineer (m/w/d)

### Responsibilities:

- Lead and define the hardware architecture of communication products, such as those for MVB, Ethernet, and CAN bus systems, ensuring alignment with industry standards and company objectives.
- Spearhead the conceptualization and circuit design of embedded systems for rail vehicle field bus communication, as well as for analog and digital I/O systems and robust power supply units, leveraging deep technical knowledge to optimize functionality and performance.
- Oversee the selection of hardware components, assessing technical specifications to guarantee compliance with regulatory standards and project requirements.
- Coordinate and supervise the construction of prototypes and demonstrators within our state-of-the-art laboratory environment.
- Develop test concepts in preparation for product launch and mass production, ensuring that all quality, performance, and reliability standards are met.
- Act as contact for our customer's electronics experts, providing authoritative guidance and fostering strong, collaborative relationships to assure satisfaction with our hardware solutions.

### Your Profile:

- You have a record of autonomous, high-quality work demonstrating significant dedication and resilience under pressure, as well as an excellent and proactive approach to problem-solving within a dynamic young tech company environment.
- You have advanced proficiency in circuit and PCB design for embedded communication solutions, with strong skills in both digital and analog circuit technologies, and expert use of design software such as Altium Designer.
- You possess in-depth knowledge and expertise in EMC (Electromagnetic Compatibility) troubleshooting, with a special focus on identifying and resolving issues related to conducted disturbances, ensuring compliance with relevant standards and enhancing product reliability and performance.
- You have a bachelor's or master's degree in electronics, electrical, communications engineering or in a related field, gladly also with a doctorate.
- You exemplify a strong team player attitude, adept at collaborating effectively with cross-functional teams, actively supporting peers, sharing expertise, and fostering a positive and inclusive work environment to achieve collective goals and drive project success.
- Ideally, you have software experience (C/C++) and possibly programming experience in the field of PLD/FPGA (e.g. Verilog or VHDL)

## What we offer:

- > A highly interesting growth and development perspective in the market of embedded systems for railway technology.
- > A challenging and varied job with a lot of freedom and practical tasks.
- > An innovative freedom to develop solutions and implement them independently or in small teams.
- > A pleasant working environment and a team-oriented working culture.
- > Flexible working hours.

Interested? Please send your complete dossier in pdf to [Applications-DTK@duagon.com](mailto:Applications-DTK@duagon.com) with your salary expectations.