

**NEW
POSITION**

imperix

SENIOR HARDWARE ENGINEER (PCB DESIGN)

Contract type Long-term contract, 80-100%

Starting date As soon as possible

ABOUT US

At imperix, we develop and commercialize prototyping equipment for power electronics, electric drives, smart grids and similar topics. Our products are designed to accelerate the implementation of power converter prototypes and facilitate experimental activities in research laboratories. Our customers are both universities and industries, who typically seek to validate state-of-the-art control techniques or new power converter topologies. Today, over 90% of our sales are made abroad, with customers within 42 countries. Founded in 2013, imperix is a young and dynamic company of about 30 people, located within short walking distance from the train station in Sion.

JOB DESCRIPTION

You will be part of our engineering team and will work on the development of new products, as well as on special projects for our customers. More specifically, you will contribute to various activities related to the design and manufacturing of electronic circuit boards. Your designs will be used in multiple applications, ranging for renewable energies, electric mobility, wireless power transfer, energy storage, etc.

The corresponding designs are quite diverse, and notably include:

- State-of-the-art digital electronics (with large FPGAs, multi-gigabit communication, etc.)
- High-performance analog circuits (16 bits, >1MHz bandwidth)
- Power electronic circuits (>600V, >40A)

Specifically, the foreseen responsibilities are as follows:

- Edition of circuit schematics
- Definition of layout rules and constraints
- Implementation of board layouts (component placement and routing)
- Maintenance of component libraries
- Debug and qualification of the developed electronic circuits

REQUIREMENTS AND QUALIFICATIONS

- **Education:** MSc degree in electronics or equivalent experience required.
- **Languages:** A good command of technical English is required, both written and spoken.
- **Seniority:** Mid-senior to Senior. Demonstrable previous experience is required.

THIS POSITION WILL SUIT YOU IF

- You are a rigorous and meticulous person, even quite a bit of a perfectionist.
- You appreciate a young and friendly environment that is also serious and professional.
- You are looking for a position giving place and granting value to your initiatives.
- You feel capable of working both individually as well as part of a team.
- You need a flexible schedule and/or the ability to work remotely (max. 2 days/week).

If you feel like working with us, please send us your CV along with a cover letter explaining your motivations. Email correspondence should be addressed to jobs@imperix.ch. We reserve the right to maintain correspondence only with profiles that reasonably correspond to the position.