

Vacant position in Stockholm, Sweden:

Electronics Design Engineer - Cobolt AB, a part of HÜBNER Photonics



Have you ever considered a career in advanced laser development?

HÜBNER Photonics is expanding its R&D organization and is looking for a motivated Electronics Design Engineer to join the R&D team at Cobolt AB in Stockholm, Sweden. As part of HÜBNER Photonics, Cobolt develops, manufactures, and supplies high-performance lasers and laser systems for demanding applications, including life sciences, AR/VR, quantum technologies, and semiconductor manufacturing. Our products are used by system suppliers and leading research institutes worldwide and are recognized for their exceptional quality and reliability.

Position Overview

As an Electronics Design Engineer, you will work closely with colleagues across electronics, software, mechanical engineering, and optics. You will play an important role in the development and continuous improvement of our laser products. You will be involved throughout the development process, from initial design and prototyping to testing, verification, and product implementation. This is an opportunity to work hands-on with advanced laser technology and contribute to innovative products in a highly collaborative, multidisciplinary environment.

Key Responsibilities

- Designing and developing new electronics for next-generation laser products
- Developing customer-specific electronics solutions and adaptations
- Further developing and improving existing products and electronics
- Creating manufacturing documentation for complete PCB assemblies, including PCB layout
- Building, testing, and evaluating prototypes in a laboratory environment
- Performing testing, characterization, verification, and troubleshooting
- Supporting production and sales with technical expertise

Qualifications

We believe you are a thorough and structured person who enjoys working as part of a team and finds it easy to communicate and collaborate with others. We would also like you to have:

- A BSc or MSc in Electrical Engineering, or a similar field, with a strong theoretical background.
- Very good knowledge of primarily analog, but also digital, electronics design, with at least 5 years of professional experience.
- Experience of using simulation tools like PSpice.
- Good knowledge of PCB design and layout using Altium Designer.
- Extensive experience in preparing manufacturing documentation.
- Familiarity with CE marking requirements and certification processes, such as EMC, EMI, and conducted emissions.
- Experience with, or knowledge of, working with microcontrollers, such as STM32 Cortex-M4.
- Excellent written and spoken English and Swedish skills

What we offer

At Cobolt AB, you will be part of the development, manufacturing, and sales of advanced laser products. Our Stockholm site brings together R&D, Manufacturing, Marketing and Sales, and Administration, creating a close connection between product development and production. Our R&D department in Solna consists of about 15 engineers specializing in CAD, laser optics, software, and electronics. You will join a professional and inclusive environment with high-level, complementary expertise, where employees take responsibility, share knowledge, and work together to solve challenging technical problems and turn innovative ideas into successful products. We offer a competitive compensation package, including pension contributions, healthcare insurance, and a wellness allowance, as well as opportunities for professional development and training.

Interested?

Please contact Sara Tecsi at sara.tecsi@tb-group.se

About us

HÜBNER Photonics is an international organization with offices in Stockholm (Sweden), Kassel and Hannover (Germany), and San Jose (CA, USA), and is a corporate division of the privately held HÜBNER Group, headquartered in Kassel. The Stockholm office is represented by Cobolt AB, which has been a subsidiary of the HÜBNER Group since 2015. Cobolt AB is responsible for the development, product management, and manufacturing of the Cobolt and C-FLEX product lines, while also hosting HÜBNER Photonics' sales office for the Nordic countries and the UK. Both HÜBNER Photonics and Cobolt AB are currently experiencing strong growth and are financially very stable. Cobolt AB is ISO 9001 certified for quality management and holds an AAA credit rating.