Join Tecan! Join the market leader! Work in an international and dynamic environment, share our success!

Do you want to make a significant difference in how the world is looking tomorrow and contribute to the innovation of state-of-the-art, cutting-edge technology products?

Then look no further and join our global R&D team in Salzburg, the competence center for detection technologies and bioanalytical instruments.

**Electronic Design Engineer 100% (m/w/d)**

**What you will do**

You will design the electronic boards for our bioanalytical systems in the life science and diagnostic business. You will own several critical aspects in the development process such as circuit design, PCBA layout, harnesses, assembly, test, debug and the component selection (motion system, power supplies, sensors, ADCs and so on … ).

**Responsibilities will include**

- Electronic system and circuit design for our detection/bioanalytical devices
- Work with an engineering and scientific team to understand requirements and define functional details for electronic systems and assemblies
- Specify and document the electronic board/system
- Define and create schematic/layout design which includes functional simulation, reliability, and circuit calculation
- Design and dimension motion control systems, thermal / fluidic measurement sensor and high precision light sources
- Prototype characterization which includes the bread board construction, assembly procurement and Board bring-up
- Electronic system verification, validation and testing
- Carry out Safety, Environmental and EMC measurements
- Work closely with FW, Mechanical Design Engineers as well as Physicists and Biologists to support and facilitate integration/testing
What you bring along

- A degree in electrical engineering or a comparable qualification
- Experience with analog and digital circuit design as well as EMC layout
- Willing to work hands-on
- Experience with PCB Design tools, Altium is preferred
- Fluent German & English required

What you will get

- Comprehensive Compensation and Benefits package
- Progressive employment conditions
- Exciting career opportunities
- Wide range of training courses
- International and diverse environment (30+ different nationalities)
- Strong company culture with rich history
- Global mindset with “Swissness” at heart
- Extremely attractive location in the enchanting mountains in the Salzburger Land

Look no further and apply now!

We are looking forward to receiving your application online. Please submit your resume (w/o picture and w/o cover letter, reference letters and diplomas are optional).

Aufgrund des österreichischen Gleichbehandlungsgesetzes sind wir verpflichtet, den für diese Position laut Kollektivvertrag vorgesehenen Monatsbezug (Vollzeit) als Verhandlungsbasis anzugeben. Für die Position ist ein Gehalt ab EUR 3.534,08 brutto vorgesehen. Wir bieten aber auf jeden Fall eine marktkonforme Bezahlung in Abhängigkeit von Ausbildung, Qualifikation und Berufserfahrung!

#lifescience #healthcare #medical device #biology #biotechnology #innovation #engineering #design #electronicdesign #hardwaredesign #hardware

We care about people - Join the market leader.
People every day all around the world will benefit from more personalized healthcare. The promise of better, faster, more cost efficient solutions is now within our grasp. And that’s the world in which Tecan plays a vital role – helping advance healthcare – through advanced life science research and diagnostic solutions. We constantly seek new ways to steer innovation.

Every lab. Every day. Empowered.
Our vision is to empower every laboratory, every day, around the world with Tecan technology, products and support. We will help to shape the future of automated workflows in life sciences and clinical diagnostics through unrivaled expertise, products and customer support.

We care about our culture.
Our values – trust, highest standards and ambition – are the cornerstones of our business, and give us the framework for the Tecan culture. We foster a positive and empowering environment, which allows us to bring our passion and energy to work. This helps us to deliver on our customer promise – ‘Always there for you’.