



Senbiosys
Microcity, Rue de la Pierre-à-Mazel 39
2000 Neuchâtel

Product Qualification Engineer

Contact: recruitment@senbiosys.com

The most important trend in consumer electronics today is the need for non-invasive vital signs monitoring. PPG (photoplethysmography) resides at the center of this trend as the key technology allowing non-invasive monitoring of vital signs such as the heart rate, blood oxygen saturation, respiration rate, and arterial blood pressure.

Senbiosys has developed miniaturized PPG modules featuring high signal fidelity and extremely low power consumption. These features make our modules strong candidates for changing the wearable sector's approach to PPG and particularly the fast-growing hearable market. These modules are currently under test and we plan to commercialize them this year.

The success of these optical modules relies on a proper electrical, optical and environmental qualification. Senbiosys needs a **Product Qualification Engineer** to manage the qualification process of our modules.

Your mission

- Communicate with the R&D team to have a full understanding of the products optical and electrical design specs: sensor chip, emitters, optical module packaging.
- Design and plan qualification programs which will validate our products' ability to meet performance and reliability requirements.
- Define solutions for qualification conditioning and test equipment to be installed in our labs or used by external partners.
- Analyze product qualification data to determine if reliability and performance objectives have been met.
- Lead efforts to identify root causes of qualification (or field) failures and work with colleagues in the development of corrective actions.

Your profile

- Degree in engineering
- At least 5 years' experience in a similar role.
- Experience and knowledge of optronics and electronics
- Strong communication skills.
- Excellent organizational and project management skills.
- Good English proficiency. French or German is a plus.
- European citizenship or work permit in Switzerland.

Additional preferred qualification

- Past experience in optical modules/sensors qualification and characterization.
- Familiar with optical/electrical test equipment and tools.

What you can expect

- Employee-center and flexible working environment.
- Competitive salary and stock option plan participation.