



Electronics Design Engineer in Houten (full-time)

April 2024

PalmSens BV develops, produces and sells portable electrochemical measurement devices and modules for the international market. We distinguish ourselves with a focus on miniaturization and ease of use for what are commonly known as large complex devices. Our customers include: universities and research institutions (including the ISS space station). We also develop custom devices and apps on demand for specific markets, such as the battery market, the food industry, or point-of-care medical devices. In this case our instruments are used to analyze for example, food or blood samples for bacteria, viruses or heavy metals in the environment. In cooperation with market-leading analog chip manufacturer Analog Devices Inc., we have developed the EmStat Pico module, a revolutionary new electronic module for a wide range of sensor applications.

The role

You will be part of a team who develops electronics for new instruments. Projects include design and testing of accessories for existing instruments, design of new instrumentation, design test equipment, optimization of existing equipment and instrumentation. Responsibilities include:

- ✓ Design circuit boards, schematic capture and PCB layout
- ✓ Design and implement programmable logic (PAL, CPLD)
- ✓ Coordinate design efforts with software engineers
- ✓ Support EMC testing for CE certification; troubleshoot and revise designs if necessary to achieve certification of your designed product
- ✓ Analyze component sourcing and projected availability in order to design and execute circuit board revisions to deal with component obsolescence
- ✓ Coordinate outsourced fabrication and testing of completed boards/products

Your profile

Our ideal Electronics Designer matches the following requirements:

- ✓ a particular interest in analog electronics
- ✓ a relevant Bachelor's or Master's degree or PhD
- ✓ fluent in English
- ✓ at least three years of professional experience as Electronics Design Engineer
- ✓ eye for detail and identifying root causes of problems

It would be an advantage if you:

- ✓ are a full-stack digital + analog electronics expert
- ✓ have experience with digital signal processing



We offer

- ✓ pension and holiday allowance
- ✓ travel allowance
- ✓ options to work from home
- ✓ options for education and training
- ✓ opportunities for growth
- ✓ an informal and amicable working environment
- ✓ plenty of coffee, fruit and snacks

About working at PalmSens

We are an established company with a strong market position. You will be part of an interdisciplinary team (hardware, software and firmware) developing software for instruments used all over the world in various fields of research, including medical, food, wearables, environmental, and more. We encourage initiatives and creativity and to keep yourself updated with the latest trends and technologies.

More info? Visit our [website](#) or [LinkedIn](#) page. If you feel you would fit in this team and would like to become a PalmSensee? Please send your application (cover letter and resume) to sary@palmSens.com.

Questions? Don't hesitate to call us: +31 (0)30 24359211