



## Electronics Design Engineer in Houten (full-time)

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, like 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 existing and new instruments and you will oversee our manufacturing processes. 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:

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

### 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

- ✓ **a competitive salary**
- ✓ pension, holiday and travel allowance
- ✓ options to work from home
- ✓ **options for education, training and obtaining certifications**
- ✓ opportunities for personal growth
- ✓ a high-end notebook and accessories
- ✓ an informal and amicable working environment
- ✓ plenty of coffee, fruit and snacks



## About PalmSens

Being one of the most established companies in this niche market we are challenged to innovate constantly. We are proud of our interdisciplinary (hardware, software, and firmware) and international team who perform on a high level. They are the reason we have and maintain a strong market position. The reason for our motivated and ambitious team?

We encourage initiatives and creativity to keep updated with the latest trends and technologies. Possibilities of personal growth within the company. Having drinks and socializing together. And above all, we have a great cooperate atmosphere and positive internal communication.

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](mailto:sary@palmSens.com).

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