



**Committed and with passion for precision we create digital reality solutions combining sensor, software, and autonomous technologies to empower a sustainable future.**

Our new team within Hexagons Technology Hub is responsible for adopting latest technologies and sensors and turn them into exciting, revolutionary products for different markets in an agile way. This requires motivated professionals who love to think out of the box, work closely with colleagues from various other disciplines and are ready for taking responsibility.

Make your vision come true, join this team built up from scratch!

## Electronic Design Engineer (m/f/d)

Heerbrugg  **80-100%**

### This appeals to you

- Contribution to all aspects of the electronics development life cycle from design and specification to testing and documentation
- Development and implementation of sophisticated electronic designs for analog sensor signal interfacing, acquisition and processing
- Designing one or several of the following:
  - high-speed: blocks, interfaces and bus-systems
  - low noise / high speed analog front-end circuits
  - efficient DC/DC converters
  - control-loop and drive systems e.g. for BLDC motors
- Creation of schematics and taking care of layouts for complex printed circuit boards
- Bring-up, debug and characterize electronic assemblies
- Building functional models and prototypes, test and verify against specifications (incl EMC)
- Cooperate closely with software, firmware, system

### This is you

- University degree in Electronics, potentially with an apprenticeship background
- First experiences in low noise, high-speed analog electronics and sensor technologies OR / AND high-speed bus systems and interfaces
- Familiar with Microprocessors and FPGAs
- Analytical thinking, strong in conceptual work and solution orientation
- Entrepreneurial mindset, highly motivated with a proactive and team-oriented attitude
- Hands-on experience in the lab for bring-ups and all kind of measurements
- You enjoy working in an interdisciplinary and international team using German and English
- Knowledge of laser range finding electronics or imaging is an asset
- Embedded FW development in C/C++ and experience in Matlab or Python is a plus

experts and external electronic design partners as well  
as production

- Contribute to continuous improvement of the  
electronic development process

## About Us

Hexagon is a leading provider of digital reality solutions and employs more than 24,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts driving the future of Hexagon. You will use and develop your skills in our highly innovative and diverse environment.

Flexible working models allow you to ideally combine work and private interests.

If you have any questions, please do not hesitate to contact [David Rank](#), Talent Acquisition Specialist.

**APPLY NOW**

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Job-ID: 85qguh94



**HEXAGON**

***Leica***  
**Geosystems**