As part of our hardware development team, you will be involved in the realization of innovative electronic modules and devices. You will take on demanding tasks from the complete development cycle of hardware development. This starts with the requirements analysis and the concept, includes the circuit design and layout, and extends to testing and commissioning as well as product release including the production environment. In an agile team you can use your talent and skills while learning from colleagues to develop solutions for our customers.

**Your Tasks**

- Hardware development of innovative electronic modules and devices
- Participation in the preparation of requirement and functional specifications as well as in the assistance with offers
- Creation of hardware concepts and designs
- Schematic circuit design (analog, digital), component selection, simulation and layout creation
- Commissioning and testing of the developed modules and integration into the system solution
- Development of the manufacturing environment and monitoring of the production

**Your Profil**

- Successfully completed studies in electrical engineering, communications engineering or comparable; many years of professional experience are not necessarily expected
- Experience in analog and digital circuit design and layout, ideally experience using Altium Designer
- Knowledge in the area of interfaces, such as SPI, I2C, USB, Ethernet, PCI(e)
- Experience in dealing with measurement technology, ideally also for the HF range
- Knowledge of EMC on printed circuit boards and EMC of devices, ideally knowledge of the directives and standards for CE certification of devices
- Basic knowledge in developing hardware-related software in C/C++ for modern microcontrollers and knowledge of embedded Linux systems
- Good knowledge of German and English

**Our Offer**

- A detailed job training and interesting work environment
- State-of-the-art topics in the field of the automotive future
- An attractive customer environment from the international automotive industry
- Exciting and varied activities with individual development opportunities
- Creative leeway and short communication channels in a flat hierarchy