To strengthen our team, we are currently hiring:

Hardware Electronic Engineer with Focus on Design

📍 Melaka/Malaysia   🕐 Full time

Your tasks:

- Design of optical sensor from the initial idea through to series production
- Assuming responsibility for hardware project management as part of interdisciplinary and international project teams
- System design and development of miniaturized and cost-optimized hardware for switching and measuring optical sensors.
- Creation of circuit diagrams, realization of simulations (Spice), supervision of PCB design
- Setting up, commissioning and verification of circuits and sensors
- Carrying out the necessary type tests (e.g. temperature, isolation, ambient light suppression, EMC) and release measurements according to the requirements
- Creating the necessary specifications and documentation
- Coordination with EMS service providers
- Collaborating in the transfer to series production
- Support series products throughout the entire product life cycle.

Your Profile:

- Bachelor's Degree in electronics engineering, telecommunication engineering or comparable education. Master's degree is a plus.
- Very good theoretical and practical knowledge and experience of analogue and digital circuit technology and in the field of EMC, ideally in the field of optical sensor technology
- Very good knowledge of electronic components
- Competent handling with ECAD tools and circuit simulation (Spice)
- Knowledge of C and VHDL is an advantage.
- Proven knowledge in the evaluation of solutions against industry standards (CE-Compliance)
- Creativity and high-cost awareness
- Interest in new, technically complex issues
- Ability to present to stakeholders and managers.
- High degree of independence and a systematic way of working
- Willingness to take on responsibility and implement ideas with great commitment.
- Required languages: English. German is a plus.