



We are a successful innovation-driven manufacturer specializing in the development, production and distribution of medical equipment with the focus on the ICU and surgery.

From the very beginning, our mission has been to develop and introduce advanced medical technologies onto the market. In the meantime, we are represented in more than 30 countries with our products. The reason of our success lies in the high quality of our products and professional qualification of our team members.

With a practical success-oriented training program - MSW Academy - we contribute to promotion of innovations in the medical field.

And last but not least, we believe that keeping customers happy with our performance is our most important goal.

To support our R&D team in **Troisdorf** we are looking for

Senior Hardware Developer (m/w)

Key Responsibilities:

- You will create schematics of both analog and digital circuits in compliance with applicable directives in the medical engineering;
- You will create isolation diagrams, EMC and safety concepts as well as layout;
- You will create prototypes and carry out tests on them;
- You will set up development documentation in English in compliance with our QM-system according to DIN EN ISO 13485 for an international product registration;
- You will perform norm required tests (EMC, Safety);
- You will set up production and testing procedure documents.

Required Skills:

- A university degree in engineering, preferably with the focus on Electrical Engineering, at least. 5 years' experience in developing, experiences in **medical engineering** are preferable;
- Experience in high speed circuits design, Signal/Power-Integrity and EMC optimized PCB design, HF Modeling and Simulation of IC-Packages, PCBs and ICs. EMC characterization optimization of 8/16/32-Bit Microcontroller. EMC optimized design of application boards for microcontroller.
- Architecture and working knowledge of ARM based microcontroller;
- Hardware design experience of PC architecture, CAN bus, Graphic Controller and Interface;
- Working knowledge of EDA system (ALTIUM Designer) and EMC Simulation Tools;
- PCB design expertise (Schematics, Layout), Prototype building & testing;
- EMC and Signal Integrity conform PCB design expertise;
- Experience in planning, performing and documenting of the verification and testing of IC specifications;
- Excellent command of German and good command of English in speaking and writing.

We offer:

- You will become a part of the medical equipment company that operates on an international level and can offer you great opportunities for realization of your potential;
- Our cooperative and team-oriented corporate culture is characterized by pragmatic and short decision-making process;
- Dynamic and fast growing environment will enable you for further professional and personal development;
- Ambitious individuals can find here support and exciting opportunities to implement their ideas and initiatives

[Geben Sie Text ein]

Sounds interesting? If so, please, send us your complete application with detailed CV to staff@mswestfalia.de with the subject „Senior HW Developer (m/f)".

Please note: applications received per post will not be sent back to the sender.