

Since its foundation in 1995, Fricke und Mallah Microwave Technology GmbH in Peine / Lower Saxony has been a leading manufacturer of microwave heating, drying and plasma systems, microwave generators up to 100 kW based on semiconductor, inverter and magnetron technology as well as microwave components (combiners, insulators, directional couplers, tuning units, waveguides) for the automotive, aviation, wood, ceramic and food industries. The operating frequencies are currently mainly 915 MHz and 2.45 GHz.

To reinforce our team, we are looking for a

Hardware developer (m/f/d) - Electronics (Switch Mode Power Supplies)

Your duties:

- Design of power electronic subcircuits or entire Switch Mode Power Supplies
- Theoretical calculation and simulation of switching power supplies, especially resonance topologies
- Independent procurement of sample components in coordination with our suppliers
- Construction of prototypes and creation of PCB layouts for power electronic circuits
- Partial testing of generators and related failure analysis
- Design and revision of analog and digital circuits in the control electronics of generators

Your profile:

- Degree in electrical engineering or content related subjects and ideally experience in conduction electronics.
- At least 2-3 years of professional experience
- Experience in the assembly of circuit boards with TH and SMD components.
- Experience in layout of multilayer boards
- Practical experience with the layout program "Altium Designer" be beneficial.
- High willingness and motivation to learn new topics and software packages.
- Good command of English
- Independent way of working

We offer:

- A dynamic team and a challenging job, which you can actively help to shape beyond your area of work.
- Diverse and varied tasks and a high area of responsibility
- A performance-related salary
- A modern and attractive working environment in Peine

Please, send us your entire application papers in:

info@microwaveheating.net zu Händen Herrn Marcel Mallah Fricke und Mallah Microwave Technology GmbH Werner-Nordmeyer-Str. 25 31226 Peine / Germany www.microwaveheating.net