



B-HORIZON

M I C R O E L E C T R O N I C S

B-Horizon is an internationally-active IC consultancy and design company with focus on the automotive, industry and consumer segments. We operate with the agility of a startup and the professionalism and solid process structure of a market established benchmark.

Our passion and extensive experience in microelectronics as well as our wide range of consultancy and development services highlight our core competencies. With our services we leverage the lead position of our customers applications by enabling their innovative products with the best achievable time to market and total cost of ownership.

You have the same passion for microelectronics? Send us your application and become a part of our team and our success story. We are currently looking for a

Hardware-Design and Test Engineer (m/f)

(Reference Number: HWA0118)

Responsibilities:

- Microelectronic test concepts for verification and validation of system functions
- Assessment of test efforts and preparation of test plans
- Development of test hardware and their specifications in corporation with customers and external suppliers
- Implementation of verification and validation tests on component level and support in module and system verifications
- Creation and management of test documentation (e.g. test plans, test specifications, test reports) according to functional safety standards (e.g. IEC 61508, ISO 26262)
- Collaboration with suppliers and internal departments during the whole development process

Qualifications:

- Degree in electrical engineering with a focus on electronic / microelectronic or degree in a similar field of study
- Knowledge in semiconductor digital and analogue circuitry technology
- Experiences in electronic and hardware development (FPGA, Eagle, Altium Designer)
- Expertise with FPGA development boards and standard communications interfaces (USB, PCIe, Ethernet)
- Experience with test methods such as software-, processor-, hardware-in-the-loop favorable
- Know-how in programming (e.g. Python, Tcl, Matlab, C++)
- Knowledge in automation of laboratory measurement tools (Labview or similar) beneficial
- Practical experience in measurement technology (GHz range) preferable
- Collaborative skills, initiative, flexibility, solution oriented and independent work approach
- Good speaking and writing skills in German and English



Benefits:

- Exciting work environment and extensive introduction to the required technical contexts
- Good development opportunities in a growing company
- Taking responsibility of a variety of tasks
- Working in an experienced, dynamic and agile team
- Modern work environment with flexible working hours

We are looking forward to your convincing application documents.

Contact: Ms. Krämer

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